

SERFF Tracking Number:	NCRI-126793739	State:	North Carolina
Filing Company:	North Carolina Rate Bureau	State Tracking Number:	
Company Tracking Number:			
TOI:	16.0 Workers Compensation	Sub-TOI:	16.0000 WC Sub-TOI Combinations
Product Name:	Workers Compensation Loss Costs		
Project Name/Number:	WC Loss Costs/		

Filing at a Glance

Company: North Carolina Rate Bureau	SERFF Tr Num: NCRI-126793739	State: North Carolina
Product Name: Workers Compensation Loss Costs		
TOI: 16.0 Workers Compensation	SERFF Status: Closed-Rate Filing Disposition	State Tr Num:
Sub-TOI: 16.0000 WC Sub-TOI Combinations	Co Tr Num:	State Status: Rate Filing Disposition
Filing Type: Rate	Authors: Rebecca Williams, Debbie Spence	Reviewer(s): Bob Mack
	Date Submitted: 09/01/2010	Disposition Date: 11/12/2010
		Disposition Status: Rate Filing Disposition
Effective Date Requested (New): 04/01/2011		Effective Date (New): 04/01/2011
Effective Date Requested (Renewal): 04/01/2011		Effective Date (Renewal): 04/01/2011

General Information

Project Name: WC Loss Costs	Status of Filing in Domicile:
Project Number:	Domicile Status Comments:
Reference Organization:	Reference Number:
Reference Title:	Advisory Org. Circular:
Filing Status Changed: 11/12/2010	
State Status Changed: 11/12/2010	Deemer Date:
Created By: Rebecca Williams	Submitted By: Rebecca Williams
Corresponding Filing Tracking Number:	
State TOI: 16.0 Workers Compensation	State Sub-TOI: 16.0000 WC Sub-TOI Combinations
Filing Description:	
Complete Loss Cost filing due 9/1/2010	

Company and Contact

Filing Contact Information

Rebecca Williams, Manager, Data Analysis rrw@ncrb.org

SERFF Tracking Number: NCRI-126793739 State: North Carolina
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Company Tracking Number:
TOI: 16.0 Workers Compensation Sub-TOI: 16.0000 WC Sub-TOI Combinations
Product Name: Workers Compensation Loss Costs
Project Name/Number: WC Loss Costs/

5401 Six Forks Road 919-582-1055 [Phone]
Raleigh, NC 27609

Filing Company Information

North Carolina Rate Bureau	CoCode:	State of Domicile: North Carolina
5401 Six Forks Road	Group Code:	Company Type: Rate Bureau
Raleigh, NC 27609	Group Name:	State ID Number:
(919) 582-1056 ext. [Phone]	FEIN Number: 56-1179542	

Filing Fees

Fee Required?	No
Retaliatory?	No
Fee Explanation:	
Per Company:	No

<i>SERFF Tracking Number:</i>	<i>NCRI-126793739</i>	<i>State:</i>	<i>North Carolina</i>
<i>Filing Company:</i>	<i>North Carolina Rate Bureau</i>	<i>State Tracking Number:</i>	
<i>Company Tracking Number:</i>			
<i>TOI:</i>	<i>16.0 Workers Compensation</i>	<i>Sub-TOI:</i>	<i>16.0000 WC Sub-TOI Combinations</i>
<i>Product Name:</i>	<i>Workers Compensation Loss Costs</i>		
<i>Project Name/Number:</i>	<i>WC Loss Costs/</i>		

Correspondence Summary

Dispositions

Status	Created By	Created On	Date Submitted
Rate Filing Disposition	Bob Mack	11/12/2010	11/12/2010

SERFF Tracking Number: NCRI-126793739

State: North Carolina

Filing Company: North Carolina Rate Bureau

State Tracking Number:

Company Tracking Number:

TOI: 16.0 Workers Compensation

Sub-TOI: 16.0000 WC Sub-TOI Combinations

Product Name: Workers Compensation Loss Costs

Project Name/Number: WC Loss Costs/

Disposition

Disposition Date: 11/12/2010

Effective Date (New): 04/01/2011

Effective Date (Renewal): 04/01/2011

Status: Rate Filing Disposition

Comment: Per Settlement Agreement dated 10/26/2010.

Rate data does NOT apply to filing.

<i>SERFF Tracking Number:</i>	<i>NCRI-126793739</i>	<i>State:</i>	<i>North Carolina</i>
<i>Filing Company:</i>	<i>North Carolina Rate Bureau</i>	<i>State Tracking Number:</i>	
<i>Company Tracking Number:</i>			
<i>TOI:</i>	<i>16.0 Workers Compensation</i>	<i>Sub-TOI:</i>	<i>16.0000 WC Sub-TOI Combinations</i>
<i>Product Name:</i>	<i>Workers Compensation Loss Costs</i>		
<i>Project Name/Number:</i>	<i>WC Loss Costs/</i>		

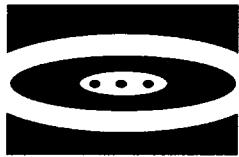
Schedule	Schedule Item	Schedule Item Status	Public Access
Supporting Document	Rate Filing Questionnaire FC-074		Yes
Supporting Document	Complete Filing		Yes

SERFF Tracking Number: NCRI-126793739 State: North Carolina
Filing Company: North Carolina Rate Bureau State Tracking Number:
Company Tracking Number:
TOI: 16.0 Workers Compensation Sub-TOI: 16.0000 WC Sub-TOI Combinations
Product Name: Workers Compensation Loss Costs
Project Name/Number: WC Loss Costs/

Supporting Document Schedules

	Item Status:	Status Date:
Bypassed - Item: Rate Filing Questionnaire FC-074 Bypass Reason: not required for Rate Bureau filings. Comments:		

	Item Status:	Status Date:
Satisfied - Item: Complete Filing Comments: Attachments: NC_040111_Filing_Vol_1.pdf NC_040111_Filing_Vol_2B1.pdf NC_040111_Filing_Vol_2B2.pdf NC_040111_Filing_Vol_3.pdf NC_040111_Filing_Vol_4.pdf NC_040111_Filing_Vol_5.pdf		



north carolina
RATE BUREAU
REINSURANCE FACILITY
INSURANCE GUARANTY ASSOCIATION

September 1, 2010

Honorable Wayne Goodwin
Commissioner
NC Department of Insurance
PO Box 26387
Raleigh, North Carolina 27611

Re: Workers Compensation Insurance
2010 Loss Costs Filing

Dear Commissioner Goodwin:

Pursuant to the provisions of Article 36, Chapter 58 of the General Statutes of North Carolina, enclosed is the filing for workers compensation insurance prospective advisory loss costs, rating values and miscellaneous values applicable to new and renewal policies becoming effective on or after April 1, 2011.

The enclosed memoranda, exhibits, testimony and other supporting detail explain the calculations underlying, on average, a 1.2% increase from loss costs approved effective April 1, 2010. By industry group, the changes are: Manufacturing 2.2% increase; Contracting 0.1% decrease; Office & Clerical 4.0% decrease; Goods & Services 3.4% increase; and Miscellaneous 2.0% increase. Within each industry group, the change will vary from the average by classification depending upon the volume and character of the particular classification experience.

The advisory loss costs for classifications which contemplate exposure under the United States Longshore and Harbor Workers' Compensation Act ("F" Classifications) are also included. Appendix B-V sets forth and explains the calculations which produce a 5.9% increase in the "F" classification advisory loss costs currently in effect.

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

Information and statistical data required pursuant to NCGS §58-36-15 and 11 NCAC 10.1111 are submitted. Additionally, the prefiled testimony of (1) Raymond F. Evans, Jr., CPCU, General Manager — North Carolina Rate Bureau, (b) Jay A. Rosen, FCAS, MAAA — National Council on Compensation Insurance, Inc. and (c) Mark Mulvaney, FCAS, MAAA — Milliman, Inc. are enclosed.

Subsequent to the approval of the loss costs reference filing, a copy of Exhibit RB-1 (Part I and Part II only) of the filing will be provided to each of our member companies.

Sincerely,

Raymond F. Evans, Jr., CPCU
General Manager

RFE:dms
Enclosures

SUMMARY

NORTH CAROLINA - LOSS COSTS

Proposed Effective Date

April 1, 2011

I. Industrial Classifications

Overall Proposed Change in Pure Premium Level

- New and Renewal Policies +1.2%

By Industry Group

Manufacturing +2.2%

Contracting -0.1%

Office and Clerical -4.0%

Goods and Services +3.4%

Miscellaneous +2.0%

Overall +1.2%

II. Federal Classifications

Overall Proposed Change in Pure Premium Level

- New and Renewal Policies +5.9%

III. Summary of Miscellaneous Changes

Current

Proposed

A. USL&HW %

88%

88%

NORTH CAROLINA
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 - A-I - Factors Adjusting Policy Year Premium and Losses to Current Level
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 - A-III - Policy Year Trend
 - A-IV - Carriers Not Included in Policy Year Experience
 - A-V - Derivation of Industry Group Differentials
 - B - Computation of Loss Costs
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NORTH CAROLINA

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PART I

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Exhibit II - Expense Provision for Inclusion in Loss Costs

- Exhibit II - Summary of Indicated Loss Cost Expense Provision
- Exhibit II-A - Derivation of Loss Adjustment Expense Provision

Exhibit III - Proposed Loss Costs and Rating Values

NORTH CAROLINADETERMINATION OF FILED CHANGE IN PURE PREMIUM LEVEL**Section A - Policy Year 2008 Experience****Premium:**

(1) Standard Earned Premium Developed to Ultimate (Appendix A-II)	\$1,148,435,102
(2) Premium On-level Factor (Appendix A-I)	0.838
(3) Premium Available for Benefits Costs = (1)x(2)	\$962,388,615

Indemnity Benefit Cost:

(4) Average Limited Indemnity Paid and Pd+Cs Losses Developed to Ultimate (App. A-II)	\$447,668,053
(5) Indemnity Loss On-level Factor (Appendix A-I)	1.009
(6) Factor to Include Loss Adjustment Expense (Exhibit II)	1.165
(7) Composite Adjustment Factor = (5)x(6)	1.175
(8) Adjusted Limited Indemnity Losses = (4)x(7)	\$526,009,962
(9) Adjusted Limited Indemnity Cost Ratio Excluding Trend and Benefits = (8)/(3)	0.547
(10) Factor to Reflect Indemnity Trend (Appendix A-III)	0.951
(11) Projected Limited Indemnity Cost Ratio = (9)x(10)	0.520
(12) Factor to Adjust Indemnity Cost Ratio to an Unlimited Basis (Appendix A-II)	1.005
(13) Projected Indemnity Cost Ratio = (11)x(12)	0.523
(14) Factor to Reflect Proposed Changes in Indemnity Benefits (Appendix C)	1.003
(15) Projected Indemnity Cost Ratio Including Benefit Changes = (13)x(14)	0.525

Medical Benefit Cost:

(16) Average Limited Medical Paid and Pd+Cs Losses Developed to Ultimate (App. A-II)	\$387,648,454
(17) Medical Loss On-level Factor (Appendix A-I)	1.000
(18) Factor to Include Loss Adjustment Expense (Exhibit II)	1.165
(19) Composite Adjustment Factor = (17)x(18)	1.165
(20) Adjusted Limited Medical Losses = (16)x(19)	\$451,610,449
(21) Adjusted Limited Medical Cost Ratio Excluding Trend and Benefits = (20)/(3)	0.469
(22) Factor to Reflect Medical Trend (Appendix A-III)	1.017
(23) Projected Limited Medical Cost Ratio = (21)x(22)	0.477
(24) Factor to Adjust Medical Cost Ratio to an Unlimited Basis (Appendix A-II)	1.005
(25) Projected Medical Cost Ratio = (23)x(24)	0.479
(26) Factor to Reflect Proposed Changes in Medical Benefits (Appendix C)	1.000
(27) Projected Medical Cost Ratio Including Benefit Changes = (25)x(26)	0.479

Total Benefit Cost:

(28) Policy Year 2008 Indicated Pure Premium Level Change = (15)+(27)	1.004 (+0.4%)
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NORTH CAROLINADETERMINATION OF FILED CHANGE IN PURE PREMIUM LEVEL**Section B - Policy Year 2007 Experience****Premium:**

(1) Standard Earned Premium Developed to Ultimate (Appendix A-II)	\$1,190,353,882
(2) Premium On-level Factor (Appendix A-I)	0.854
(3) Premium Available for Benefits Costs = (1)x(2)	\$1,016,562,215

Indemnity Benefit Cost:

(4) Average Limited Indemnity Paid and Pd+Cs Losses Developed to Ultimate (App. A-II)	\$485,099,690
(5) Indemnity Loss On-level Factor (Appendix A-I)	1.013
(6) Factor to Include Loss Adjustment Expense (Exhibit II)	1.165
(7) Composite Adjustment Factor = (5)x(6)	1.180
(8) Adjusted Limited Indemnity Losses = (4)x(7)	\$572,417,634
(9) Adjusted Limited Indemnity Cost Ratio Excluding Trend and Benefits = (8)/(3)	0.563
(10) Factor to Reflect Indemnity Trend (Appendix A-III)	0.937
(11) Projected Limited Indemnity Cost Ratio = (9)x(10)	0.528
(12) Factor to Adjust Indemnity Cost Ratio to an Unlimited Basis (Appendix A-II)	1.005
(13) Projected Indemnity Cost Ratio = (11)x(12)	0.531
(14) Factor to Reflect Proposed Changes in Indemnity Benefits (Appendix C)	1.003
(15) Projected Indemnity Cost Ratio Including Benefit Changes = (13)x(14)	0.533

Medical Benefit Cost:

(16) Average Limited Medical Paid and Pd+Cs Losses Developed to Ultimate (App. A-II)	\$414,287,477
(17) Medical Loss On-level Factor (Appendix A-I)	1.000
(18) Factor to Include Loss Adjustment Expense (Exhibit II)	1.165
(19) Composite Adjustment Factor = (17)x(18)	1.165
(20) Adjusted Limited Medical Losses = (16)x(19)	\$482,644,911
(21) Adjusted Limited Medical Cost Ratio Excluding Trend and Benefits = (20)/(3)	0.475
(22) Factor to Reflect Medical Trend (Appendix A-III)	1.022
(23) Projected Limited Medical Cost Ratio = (21)x(22)	0.485
(24) Factor to Adjust Medical Cost Ratio to an Unlimited Basis (Appendix A-II)	1.005
(25) Projected Medical Cost Ratio = (23)x(24)	0.487
(26) Factor to Reflect Proposed Changes in Medical Benefits (Appendix C)	1.000
(27) Projected Medical Cost Ratio Including Benefit Changes = (25)x(26)	0.487

Total Benefit Cost:

(28) Policy Year 2007 Indicated Pure Premium Level Change = (15)+(27)	1.020 (+2.0%)
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NORTH CAROLINADETERMINATION OF FILED CHANGE IN PURE PREMIUM LEVEL**Section C - Indicated Pure Premium Level Change**

(1) Policy Year 2008 Indicated Pure Premium Level Change	1.004	(+0.4%)
(2) Policy Year 2007 Indicated Pure Premium Level Change	1.020	(+2.0%)
(3) Indicated Average Pure Premium Level Change = $[(1)+(2)] / 2$	1.012	(+1.2%)

Section D - Distribution of Overall Pure Premium Level Change to Industry Groups

Industry Group Differentials (see Appendix A-V):

Manufacturing	1.010
Contracting	0.987
Office & Clerical	0.949
Goods & Services	1.022
Miscellaneous	1.008

Applying these industry group differentials to the overall pure premium level change produces the changes in pure premium level proposed for each group as shown:

Industry Group	(1) Overall Pure Premium Level Change	(2) Industry Group Differential	(3) = (1)x(2) Pure Premium Level Change by Industry Group	
Manufacturing	1.012	1.010	1.022	(+2.2%)
Contracting	1.012	0.987	0.999	(-0.1%)
Office & Clerical	1.012	0.949	0.960	(-4.0%)
Goods & Services	1.012	1.022	1.034	(+3.4%)
Miscellaneous	1.012	1.008	1.020	(+2.0%)
Overall	1.012	1.000	1.012	(+1.2%)

North Carolina

Summary of Indicated Loss Cost Expense Provision

	Provision Underlying <u>4/1/2010 Filing</u>	<u>Indicated Provision</u>
Loss Adjustment Expense (See Exhibit II-A, Sheet 1)	16.0%	16.5%

North Carolina

Derivation of Indicated Loss Adjustment Expense Provision

<u>COUNTRYWIDE</u>					<u>NORTH CAROLINA</u>		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<u>Year</u>	<u>Calendar Year IEE Ratio (Direct Basis)#</u>	<u>Accident Year Developed LAE Ratio+</u>	<u>Accident Year Developed DCCE Ratio+</u>	<u>Accident Year Developed AOE Ratio+</u>	<u>Accident Year DCCE Ratio Adjusted to NC Relativity (4) x 0.725^</u>	<u>Accident Year LAE Ratio Adjusted to NC Relativity (5) + (6)</u>	<u>Calendar Year</u>
2002	14.2%	17.2%	10.5%	6.7%	7.6%	14.3%	13.6%
2003	15.5%	18.2%	10.6%	7.5%	7.7%	15.2%	13.9%
2004	16.6%	17.8%	10.7%	7.1%	7.7%	14.8%	13.0%
2005	17.6%	18.7%	10.8%	7.9%	7.8%	15.7%	13.8%
2006	19.7%	19.0%	10.8%	8.1%	7.9%	16.0%	16.6%
2007	17.3%	19.5%	11.5%	8.1%	8.3%	16.4%	16.6%
2008	19.0%	19.5%	11.9%	7.5%	8.6%	16.1%	16.4%
2009	18.6%	21.3%	13.1%	8.1%	9.5%	17.6%	17.6%
Current North Carolina Loss Adjustment Expense Provision							16.0%
Selected North Carolina Loss Adjustment Expense Provision							16.5%

Source: Countrywide Insurance Expense Exhibit (See Exhibit RB-4).

+ Source: NCCI Call for Loss Adjustment Expense (See Exhibit RB-4).

^ Exhibit II-A, Sheet 2.

North Carolina

Derivation of North Carolina DCCE relativity

	(1)	(2)	(3)
	Calendar Years 2008 and 2009 <u>Paid Losses* ('000s)</u>	Calendar Years 2008 and 2009 <u>Paid DCCE* ('000s)</u>	DCCE Ratio <u>(2)/(1)</u>
(a) North Carolina	\$1,667,441	\$132,105	7.9%
(b) Countrywide	43,970,684	4,789,163	10.9%
North Carolina DCCE relativity (3a) / (3b)			0.725
Selected DCCE relativity			0.725

* Source: Annual Statement Statutory Page 14 data, excluding state funds, collected and aggregated by NCCI, Inc.

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

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

Exhibit III**Page S1***Effective April 1, 2011*

CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO
0005	3.15	1.70	0.14	0.41	1925	3.43	1.77	0.13	0.40	2623	4.38	2.26	0.13	0.39
0008	2.33	1.20	0.13	0.37	2001	2.84	1.53	0.14	0.38	2651	2.95	1.66	0.16	0.41
0016	7.55	3.67	0.11	0.47	2002	3.50	1.96	0.16	0.36	2660	2.08	1.17	0.16	0.37
0034	3.44	1.85	0.14	0.37	2003	2.84	1.53	0.14	0.38	2670	1.66	0.98	0.20	0.38
0035	2.56	1.44	0.16	0.41	2014	5.65	2.74	0.11	0.37	2683	1.54	0.87	0.16	0.40
0036	4.54	2.44	0.14	0.36	2016	2.34	1.31	0.16	0.38	2688	4.28	2.41	0.16	0.41
0037	3.98	2.06	0.13	0.37	2021	2.56	1.32	0.13	0.35	2702	13.41	5.07	0.08	0.41
0042	4.16	2.15	0.13	0.41	2039	3.88	2.18	0.15	0.34	2705X*	33.76	16.30	0.13	0.23
0050	9.61	5.17	0.14	0.41	2041	3.38	1.90	0.16	0.38	2706	—	5.07	0.08	—
0059D	0.39	0.08	0.08	—	2065	3.48	1.87	0.14	0.30	2709	13.41	5.07	0.08	0.41
0065D	0.09	0.02	0.11	—	2070	4.97	2.67	0.14	0.32	2710	10.06	4.39	0.09	0.39
0066D	0.09	0.02	0.11	—	2081	3.74	2.01	0.14	0.42	2714	4.97	2.80	0.16	0.44
0067D	0.09	0.02	0.11	—	2089	3.07	1.65	0.14	0.40	2727X	7.20	3.49	0.11	0.31
0079	3.68	1.78	0.11	0.37	2095	3.67	1.98	0.14	0.39	2731	4.04	1.96	0.11	0.40
0083	4.09	2.20	0.14	0.39	2105	2.39	1.35	0.16	0.38	2735	4.15	2.33	0.16	0.38
0106	20.18	8.81	0.09	0.36	2110	2.03	1.14	0.16	0.37	2759	4.92	2.77	0.16	0.39
0113	4.41	2.37	0.14	0.39	2111	3.60	2.03	0.16	0.47	2790	2.00	1.12	0.16	0.36
0170	2.66	1.44	0.14	0.43	2112	3.29	1.85	0.16	0.39	2791X	1.75	1.04	0.19	0.37
0251	4.76	2.56	0.14	0.35	2114	1.61	0.90	0.16	0.37	2797	5.40	2.91	0.14	0.39
0400	6.95	3.58	0.12	0.30	2121	2.84	1.52	0.14	0.29	2799	2.72	1.41	0.13	0.36
0401	7.41	3.24	0.09	0.39	2130	2.31	1.24	0.14	0.37	2802	3.91	2.02	0.13	0.37
0763FN	2.00	—	—	—	2131	2.55	1.37	0.14	0.37	2812	3.38	1.82	0.14	0.37
0771N	0.41	—	—	—	2143	2.67	1.50	0.16	0.38	2835	2.63	1.56	0.20	0.40
0908P	160.00	85.79	0.14	0.36	2150	—	3.00	0.14	—	2836	2.60	1.54	0.19	0.34
0909	—	85.79	0.14	—	2156	—	2.86	0.14	—	2841	3.16	1.78	0.16	0.41
0912	—	217.42	0.14	—	2157	5.32	2.86	0.14	0.33	2881	2.93	1.73	0.19	0.36
0913P	405.00	217.42	0.14	0.32	2172	1.98	1.02	0.12	0.29	2883	3.38	1.82	0.14	0.37
0917	3.41	1.92	0.16	0.41	2174	2.69	1.51	0.15	0.35	2913	3.22	1.91	0.20	0.38
1005*	11.91	2.25	0.08	0.26	2211	8.00	3.89	0.11	0.46	2915	3.73	1.93	0.13	0.40
1164	11.42	4.31	0.08	0.32	2220	2.97	1.60	0.14	0.38	2916	3.54	1.55	0.09	0.37
1165XE	4.12	1.78	0.09	0.32	2286	1.56	0.88	0.16	0.40	2923	2.16	1.21	0.15	0.33
1320	3.30	1.44	0.09	0.31	2288	2.56	1.44	0.16	0.36	2942	2.36	1.40	0.19	0.32
1322	10.45	4.55	0.09	0.28	2300	2.50	1.48	0.19	0.33	2960	4.15	2.23	0.14	0.35
1430	4.72	2.29	0.11	0.38	2302	1.65	0.89	0.14	0.37	3004	1.34	0.65	0.11	0.33
1438	2.69	1.17	0.09	0.35	2305	2.49	1.29	0.12	0.34	3018	2.34	1.13	0.11	0.36
1452	2.76	1.34	0.11	0.31	2361	1.65	0.89	0.14	0.37	3022	4.35	2.44	0.15	0.36
1463	12.68	5.54	0.09	0.41	2362	1.98	1.06	0.14	0.38	3027	2.15	1.04	0.11	0.35
1470X	3.87	1.87	0.11	0.25	2380	2.18	1.17	0.14	0.37	3028	4.82	2.60	0.14	0.44
1473X	2.03	0.98	0.11	0.31	2386	1.22	0.69	0.15	0.32	3030	5.78	2.80	0.11	0.37
1474X	2.45	1.18	0.11	0.25	2388	2.39	1.35	0.16	0.39	3040	5.40	2.62	0.11	0.37
1624E	4.45	1.93	0.09	0.31	2402	2.85	1.38	0.11	0.39	3041	4.15	2.23	0.14	0.33
1642	3.80	1.84	0.11	0.31	2413	2.19	1.18	0.14	0.37	3042	4.03	2.08	0.13	0.35
1654	11.44	5.54	0.11	0.32	2416	1.48	0.79	0.14	0.41	3064	5.36	2.88	0.14	0.38
1655	6.27	3.04	0.11	0.36	2417	2.02	1.09	0.14	0.31	3066	—	1.69	0.16	—
1699	3.83	1.86	0.11	0.40	2501	2.27	1.22	0.14	0.37	3069	6.32	3.06	0.11	0.36
1701	5.84	2.83	0.11	0.39	2503	1.18	0.66	0.16	0.37	3076	3.01	1.69	0.16	0.36
1710	5.25	2.54	0.11	0.36	2534	2.24	1.26	0.16	0.41	3081D	3.28	1.56	0.11	0.38
1741D	2.94	0.96	0.08	0.38	2570	2.97	1.67	0.15	0.33	3082D	4.82	2.30	0.11	0.38
1747	2.24	1.08	0.11	0.31	2576	—	1.22	0.14	—	3085D	4.14	1.97	0.11	0.38
1748	3.67	1.78	0.11	0.36	2578	—	1.22	0.14	—	3110	3.78	2.03	0.14	0.32
1803D	7.74	3.10	0.09	0.36	2585	3.24	1.82	0.16	0.36	3111	3.12	1.67	0.14	0.36
1852D	2.77	1.01	0.09	0.39	2586	2.20	1.18	0.14	0.40	3113	1.85	0.99	0.14	0.35
1853	1.56	0.80	0.12	0.28	2587	4.64	2.61	0.15	0.36	3114	3.54	1.90	0.14	0.37
1860	1.92	1.08	0.15	0.35	2589	1.76	0.95	0.14	0.39	3118	3.09	1.74	0.16	0.45
1924	2.84	1.60	0.15	0.34	2600	1.41	0.79	0.15	0.27	3119	0.98	0.58	0.19	0.37

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ADVISORY LOSS COSTS - NOT RATES

NORTH CAROLINA

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

Exhibit III

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Effective April 1, 2011

CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO
3122	2.42	1.36	0.16	0.40	3803	2.27	1.22	0.14	0.36	4362	1.52	0.82	0.14	0.31
3126	2.34	1.26	0.14	0.35	3807	2.34	1.31	0.16	0.38	4410	3.31	1.78	0.14	0.35
3131	1.14	0.61	0.14	0.40	3808	1.95	1.00	0.12	0.34	4417X	2.46	1.38	0.15	0.32
3132	3.21	1.73	0.14	0.37	3821	5.19	2.68	0.13	0.35	4420	7.31	3.19	0.09	0.29
3145	2.08	1.12	0.14	0.38	3822X	4.98	2.57	0.12	0.33	4431	1.81	1.07	0.19	0.37
3146	2.38	1.28	0.14	0.35	3824X	3.84	1.98	0.12	0.35	4432	1.30	0.77	0.20	0.40
3169	2.95	1.59	0.14	0.37	3826	1.07	0.57	0.14	0.29	4439	1.79	0.92	0.12	0.24
3175	2.47	1.33	0.14	0.39	3827	1.30	0.67	0.13	0.39	4452	3.10	1.67	0.14	0.38
3179	1.53	0.86	0.15	0.33	3830	1.93	1.00	0.12	0.33	4459	2.44	1.31	0.14	0.38
3180	2.03	1.14	0.16	0.40	3851	4.08	2.29	0.16	0.41	4470	1.96	1.05	0.14	0.38
3188	1.83	1.02	0.15	0.34	3865	1.90	1.12	0.19	0.32	4484	2.63	1.42	0.14	0.38
3220	2.33	1.25	0.14	0.33	3881	3.72	2.00	0.14	0.35	4493	3.50	1.88	0.14	0.36
3223	2.66	1.58	0.20	0.44	4000	5.85	2.55	0.09	0.33	4511	0.48	0.25	0.13	0.37
3224	2.82	1.58	0.15	0.31	4021	5.17	2.51	0.11	0.37	4557	1.77	0.99	0.16	0.37
3227	3.45	1.94	0.15	0.31	4024E	3.71	1.78	0.11	0.31	4558	2.01	1.08	0.14	0.35
3240	2.03	1.14	0.16	0.39	4034	5.85	2.84	0.11	0.38	4561	—	0.92	0.12	—
3241	3.78	2.03	0.14	0.37	4036	2.58	1.25	0.11	0.34	4568	2.31	1.12	0.11	0.32
3255	1.64	0.97	0.20	0.39	4038	4.12	2.44	0.20	0.38	4581	1.60	0.70	0.09	0.36
3257	2.54	1.36	0.14	0.37	4053	2.74	1.48	0.14	0.39	4583	6.23	2.72	0.09	0.37
3270	1.99	1.07	0.14	0.36	4061	5.25	2.94	0.15	0.33	4611	0.68	0.38	0.15	0.34
3300	5.05	2.72	0.14	0.38	4062	1.66	0.89	0.14	0.37	4635	2.59	0.98	0.08	0.36
3303	2.61	1.47	0.15	0.34	4101	2.23	1.15	0.13	0.39	4653	2.42	1.36	0.15	0.32
3307	3.77	2.03	0.14	0.38	4109	0.64	0.36	0.16	0.36	4665	8.43	4.08	0.11	0.32
3315	4.75	2.67	0.16	0.38	4110	2.15	1.16	0.14	0.34	4670	3.91	1.89	0.11	0.31
3334	3.78	2.03	0.14	0.30	4111	2.14	1.20	0.15	0.33	4683	2.00	1.08	0.14	0.35
3336	2.77	1.34	0.11	0.37	4112	—	1.16	0.14	—	4686	1.74	0.84	0.11	0.36
3365	10.00	4.84	0.11	0.34	4113	1.92	1.03	0.14	0.34	4692	0.56	0.31	0.15	0.31
3372	3.42	1.77	0.13	0.39	4114	5.39	2.89	0.14	0.32	4693	0.86	0.46	0.14	0.38
3373	3.85	2.07	0.14	0.39	4130	5.39	2.90	0.14	0.37	4703	1.66	0.89	0.14	0.30
3383	1.18	0.66	0.15	0.35	4131	4.04	2.27	0.16	0.38	4717	1.99	1.18	0.19	0.32
3385	0.89	0.50	0.16	0.39	4133	3.10	1.75	0.16	0.43	4720	1.28	0.69	0.14	0.35
3400	2.86	1.48	0.13	0.39	4149	0.54	0.32	0.19	0.37	4740	2.82	1.37	0.11	0.47
3507	2.37	1.28	0.14	0.36	4150	—	0.32	0.19	—	4741	1.61	0.86	0.14	0.36
3515	2.01	1.08	0.14	0.34	4206	2.97	1.60	0.14	0.32	4751	3.25	1.58	0.11	0.44
3516X	1.45	0.81	0.15	0.28	4207	1.05	0.51	0.11	0.31	4771N	2.35	0.89	0.08	0.40
3548	1.57	0.85	0.14	0.32	4239	2.68	1.30	0.11	0.35	4777	6.69	2.53	0.08	0.36
3559	3.04	1.63	0.14	0.38	4240	1.96	1.10	0.15	0.35	4825	1.07	0.52	0.11	0.34
3574	0.92	0.52	0.16	0.38	4243	2.09	1.12	0.14	0.35	4828	1.93	1.00	0.13	0.36
3581	2.47	1.39	0.15	0.35	4244	2.31	1.24	0.14	0.36	4829	1.84	0.80	0.09	0.32
3612	1.81	0.94	0.13	0.37	4250	1.52	0.82	0.14	0.34	4902	2.26	1.27	0.16	0.38
3620	6.14	2.98	0.11	0.34	4251	1.72	0.92	0.14	0.35	4923	1.01	0.54	0.14	0.36
3629	1.73	0.97	0.15	0.35	4263	2.66	1.43	0.14	0.41	5020	8.88	4.31	0.11	0.37
3632	2.71	1.40	0.13	0.36	4273	2.11	1.14	0.14	0.39	5022	5.82	2.54	0.09	0.39
3634	1.60	0.90	0.15	0.34	4279	1.95	1.05	0.14	0.37	5037	40.98	15.45	0.08	0.30
3635	2.51	1.35	0.14	0.32	4282	2.02	1.13	0.15	0.25	5040	28.02	10.58	0.08	0.36
3638	1.61	0.90	0.16	0.37	4283	4.30	2.31	0.14	0.42	5057	11.19	4.22	0.08	0.35
3642	0.77	0.41	0.14	0.36	4299	1.95	1.09	0.15	0.35	5059	36.51	13.80	0.08	0.40
3643	2.43	1.30	0.14	0.33	4301X	1.16	0.65	0.15	0.26	5069	39.47	14.86	0.08	0.24
3647	2.37	1.22	0.12	0.34	4304	3.76	1.94	0.13	0.40	5102	5.86	2.56	0.09	0.34
3648	1.27	0.71	0.15	0.35	4307	1.14	0.67	0.20	0.39	5146	5.57	2.70	0.11	0.34
3681	1.53	0.86	0.15	0.36	4308	—	1.09	0.15	—	5160	4.80	2.09	0.09	0.30
3685	1.17	0.66	0.15	0.34	4351	0.91	0.49	0.14	0.34	5183	4.53	2.20	0.11	0.35
3719	1.77	0.67	0.08	0.30	4352	1.10	0.62	0.16	0.42	5188	4.64	2.25	0.11	0.34
3724	4.65	2.03	0.09	0.36	4360	1.74	0.97	0.15	0.29	5190	4.84	2.34	0.11	0.37
3726	9.38	3.54	0.08	0.34	4361	1.31	0.74	0.16	0.36	5191	0.85	0.46	0.14	0.33

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

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

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CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO
5192	4.14	2.23	0.14	0.37	6319	4.99	2.18	0.09	0.38	7395M	11.68	4.39	0.08	0.19
5213	8.73	3.81	0.09	0.38	6325	7.92	3.46	0.09	0.36	7398M	20.79	7.38	0.08	0.19
5215	3.67	1.89	0.12	0.33	6400	5.57	2.87	0.12	0.34	7402	0.21	0.11	0.14	0.36
5221	3.91	1.90	0.11	0.36	6503	2.51	1.41	0.15	0.36	7403	4.96	2.40	0.11	0.35
5222	10.44	4.56	0.09	0.37	6504	2.51	1.41	0.15	0.36	7405N	1.49	0.72	0.11	0.34
5223	5.44	2.64	0.11	0.38	6702M*	9.33	4.07	0.09	0.32	7409	—	8.35	0.08	—
5348	4.85	2.35	0.11	0.36	6703M*	18.46	8.45	0.11	0.32	7420	22.21	8.35	0.08	0.19
5402	3.71	2.08	0.15	0.32	6704M*	10.37	4.52	0.09	0.32	7421	1.58	0.69	0.09	0.36
5403	8.40	3.67	0.09	0.39	6801F	3.55	1.38	0.12	0.34	7422	2.38	0.90	0.08	0.24
5437	5.46	2.64	0.11	0.36	6811	4.14	2.00	0.11	0.32	7423	—	2.40	0.11	—
5443	3.87	2.08	0.14	0.33	6824F	8.06	2.91	0.08	0.38	7425	7.27	2.74	0.08	0.25
5445	7.62	3.33	0.09	0.35	6826F	5.50	2.16	0.10	0.38	7431N	3.29	1.24	0.08	0.19
5462	5.73	2.78	0.11	0.39	6834	2.84	1.46	0.13	0.35	7445N	0.50	—	—	—
5472	7.59	2.86	0.08	0.31	6836	5.25	2.55	0.11	0.43	7453N	1.10	—	—	—
5473	7.94	2.99	0.08	0.34	6843F	10.13	3.26	0.07	0.42	7502	4.24	2.05	0.11	0.34
5474	5.94	2.59	0.09	0.39	6845F	14.11	4.50	0.08	0.38	7515	2.67	1.01	0.08	0.42
5478	4.55	2.21	0.11	0.32	6854	6.95	2.62	0.11	0.33	7520	3.94	2.12	0.14	0.34
5479	6.04	3.12	0.12	0.33	6872F	16.92	5.27	0.07	0.24	7529X	8.65	3.27	0.08	0.36
5480	6.76	2.95	0.09	0.29	6874F	23.37	7.43	0.07	0.36	7538	16.89	6.38	0.08	0.38
5491	4.23	1.84	0.09	0.32	6882	4.27	1.61	0.08	0.24	7539	3.68	1.60	0.09	0.27
5506	7.48	2.83	0.08	0.39	6884	9.05	3.40	0.08	0.23	7540	6.72	2.54	0.08	0.39
5507	3.80	1.66	0.09	0.34	7016M	4.74	1.78	0.08	0.22	7580	3.41	1.66	0.11	0.37
5508	18.87	9.15	0.11	0.38	7024M	5.27	1.98	0.08	0.22	7590	5.92	3.05	0.12	0.33
5535	6.32	3.06	0.11	0.36	7038M	6.36	2.40	0.11	0.38	7600	5.38	2.60	0.11	0.31
5536	—	2.88	0.11	—	7046M	6.88	2.60	0.12	0.33	7601	6.67	2.91	0.09	0.31
5537	5.94	2.88	0.11	0.38	7047M	9.38	3.33	0.08	0.22	7605	3.24	1.57	0.11	0.33
5538	—	3.06	0.11	—	7050M	12.58	4.49	0.11	0.38	7610	0.51	0.27	0.13	0.37
5551	17.69	6.69	0.08	0.41	7090M	7.07	2.67	0.11	0.38	7611	6.05	2.93	0.11	0.33
5606	1.83	0.80	0.09	0.36	7098M	7.64	2.88	0.12	0.33	7612	7.50	3.63	0.11	0.32
5610	6.88	3.70	0.14	0.39	7099M	13.60	4.84	0.12	0.33	7613	7.20	3.48	0.11	0.33
5645	13.43	5.87	0.09	0.38	7133	5.74	2.51	0.09	0.37	7704	—	1.74	0.09	—
5651	9.66	4.22	0.09	0.37	7151M	6.97	3.38	0.11	0.37	7705	5.50	2.96	0.14	0.38
5703	20.36	9.87	0.11	0.38	7152M	13.79	5.70	0.09	0.37	7710	3.98	1.74	0.09	0.39
5705	9.78	4.75	0.11	0.39	7153M	7.75	3.76	0.11	0.37	7711	3.98	1.74	0.09	0.39
5951	0.39	0.22	0.16	0.39	7222	10.72	5.19	0.11	0.29	7720X	2.76	1.34	0.11	0.37
6003	8.04	3.89	0.11	0.32	7228	8.76	4.24	0.11	0.31	7723X	3.16	1.19	0.09	0.41
6005	6.25	3.02	0.11	0.24	7229	10.78	4.70	0.09	0.30	7855	7.68	3.72	0.11	0.32
6017	6.70	3.23	0.11	0.23	7230	5.77	2.97	0.12	0.30	8001	2.02	1.13	0.16	0.39
6018	2.95	1.42	0.11	0.22	7231	8.41	4.34	0.12	0.33	8002	2.07	1.11	0.14	0.40
6045	3.29	1.59	0.11	0.29	7232	9.61	4.19	0.09	0.31	8006	2.75	1.48	0.14	0.38
6204	13.34	5.82	0.09	0.35	7309F	15.34	4.89	0.07	0.38	8008	1.49	0.84	0.16	0.41
6206	4.45	1.68	0.08	0.31	7313F	3.61	1.14	0.07	0.35	8010	1.61	0.90	0.16	0.37
6213	2.87	1.25	0.09	0.28	7317F	8.31	2.64	0.09	0.36	8013	0.49	0.26	0.14	0.35
6214	3.64	1.37	0.08	0.28	7323FNX	4.67	1.42	0.08	0.11	8015	0.95	0.51	0.14	0.45
6216	7.85	2.96	0.08	0.30	7327F	10.45	3.35	0.07	0.41	8017	1.80	1.01	0.16	0.40
6217	6.84	2.99	0.09	0.37	7333M	5.29	1.99	0.08	0.20	8018	2.30	1.29	0.16	0.37
6229	4.58	2.00	0.09	0.37	7335M	5.88	2.21	0.08	0.20	8021	2.08	1.12	0.14	0.40
6233	3.90	1.70	0.09	0.30	7337M	10.47	3.72	0.08	0.20	8031	2.52	1.36	0.14	0.40
6235	9.75	3.67	0.08	0.29	7350F	9.02	3.23	0.08	0.32	8032	2.59	1.46	0.16	0.38
6236	14.36	6.95	0.11	0.31	7360	5.48	2.66	0.11	0.35	8033	1.92	1.04	0.14	0.38
6237	2.18	1.06	0.11	0.31	7370	5.50	2.96	0.14	0.38	8037	1.80	1.01	0.16	0.40
6251D	22.34	9.73	0.09	0.49	7380	4.33	2.23	0.12	0.34	8039	2.70	1.52	0.16	0.44
6252D	9.87	3.69	0.08	0.30	7382	6.08	3.27	0.14	0.35	8044	4.09	2.11	0.12	0.35
6260	5.99	2.25	0.08	0.18	7390	4.74	2.55	0.14	0.34	8045	0.76	0.43	0.16	0.38
6306	6.87	3.00	0.09	0.34	7394M	10.51	3.95	0.08	0.19	8046	2.62	1.41	0.14	0.39

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Exhibit III**Page S4***Effective April 1, 2011*

CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	EX-MED RATIO
8047	1.01	0.57	0.15	0.35	8800	0.93	0.55	0.19	0.37	9402	6.20	3.01	0.11	0.37
8050	—	1.01	0.16	—	8803	0.09	0.04	0.11	0.37	9403	8.17	3.57	0.09	0.37
8058	2.59	1.40	0.14	0.40	8805M	0.28	0.16	0.16	0.36	9410	2.47	1.33	0.14	0.39
8072	0.80	0.45	0.16	0.45	8810	0.21	0.11	0.14	0.36	9501	2.24	1.16	0.13	0.37
8102	2.16	1.21	0.16	0.40	8814M	0.26	0.14	0.16	0.36	9505	3.07	1.59	0.13	0.36
8103	2.51	1.30	0.13	0.38	8815M	0.50	0.25	0.14	0.36	9516	3.07	1.49	0.11	0.32
8105	3.31	1.86	0.16	0.40	8820	0.17	0.09	0.13	0.39	9519	3.76	1.82	0.11	0.36
8106	4.51	2.18	0.11	0.36	8824	3.48	1.96	0.16	0.37	9521	4.57	2.22	0.11	0.39
8107	3.64	1.76	0.11	0.37	8825	1.98	1.17	0.20	0.38	9522	1.61	0.86	0.14	0.34
8111	2.89	1.55	0.14	0.39	8826	2.94	1.58	0.14	0.39	9534	9.64	4.21	0.09	0.34
8116	3.49	1.88	0.14	0.38	8831	1.41	0.76	0.14	0.45	9554	11.80	5.15	0.09	0.36
8203	5.58	3.00	0.14	0.38	8832	0.35	0.19	0.14	0.37	9586	0.60	0.35	0.19	0.36
8204	2.92	1.41	0.11	0.34	8833*	1.61	0.86	0.14	0.36	9600	1.98	1.11	0.15	0.33
8209	3.13	1.68	0.14	0.34	8835	2.51	1.35	0.14	0.35	9620	0.94	0.49	0.13	0.37
8215	3.49	1.69	0.11	0.38	8837	—	1.01	0.14	—					
8227	5.45	2.06	0.08	0.41	8842X	1.88	1.01	0.14	0.38					
8232	4.27	2.07	0.11	0.38	8848X	2.76	1.48	0.14	0.35					
8233	4.81	2.33	0.11	0.27	8849X	2.89	1.55	0.14	0.35					
8235	5.16	2.78	0.14	0.40	8864X	1.88	1.01	0.14	0.38					
8236X	5.48	2.66	0.11	0.35	8868	0.42	0.23	0.16	0.43					
8263	9.08	4.69	0.13	0.37	8869	1.00	0.56	0.16	0.42					
8264	4.76	2.31	0.11	0.34	8871	0.30	0.17	0.15	0.35					
8265	7.58	3.32	0.09	0.43	8901	0.24	0.12	0.13	0.37					
8279	6.53	2.86	0.10	0.39	9012	1.43	0.74	0.13	0.35					
8288	5.85	2.84	0.11	0.43	9014	2.62	1.41	0.14	0.37					
8291	6.67	3.45	0.13	0.45	9015	2.98	1.60	0.14	0.35					
8292	3.23	1.74	0.14	0.35	9016	3.47	1.87	0.14	0.44					
8293	9.33	4.52	0.11	0.31	9019	2.01	0.97	0.11	0.34					
8304	5.28	2.56	0.11	0.34	9033	2.19	1.17	0.14	0.32					
8350	7.73	3.38	0.09	0.37	9040*	2.96	1.66	0.16	0.38					
8380	2.72	1.41	0.13	0.36	9044	1.69	0.95	0.16	0.39					
8381	2.49	1.29	0.13	0.39	9052	2.02	1.13	0.16	0.40					
8385	3.84	1.86	0.11	0.36	9058	1.32	0.78	0.20	0.41					
8392	2.69	1.45	0.14	0.39	9059	—	0.56	0.16	—					
8393	2.04	1.09	0.14	0.34	9060	1.44	0.81	0.16	0.40					
8500	6.28	3.04	0.11	0.35	9061	1.43	0.85	0.20	0.41					
8601	0.81	0.42	0.13	0.35	9062	1.54	0.91	0.20	0.39					
8602	0.81	0.42	0.13	0.35	9063	1.03	0.58	0.16	0.48					
8603	0.21	0.11	0.14	0.36	9077F	1.36	0.58	0.13	0.38					
8606	3.71	1.62	0.09	0.32	9082	1.41	0.84	0.20	0.43					
8709F	3.96	1.27	0.09	0.40	9083	1.43	0.85	0.20	0.42					
8710X	2.45	1.19	0.11	0.29	9084	1.32	0.71	0.14	0.39					
8719	2.35	0.89	0.08	0.32	9089	0.67	0.38	0.15	0.34					
8720	1.51	0.73	0.11	0.34	9093	1.53	0.86	0.16	0.44					
8721	0.49	0.24	0.11	0.39	9101	3.14	1.77	0.16	0.40					
8725	1.51	0.73	0.11	0.34	9102	2.70	1.45	0.14	0.39					
8726F	3.47	1.37	0.10	0.41	9154	2.04	1.10	0.14	0.38					
8734M	0.54	0.31	0.16	0.37	9156	2.80	1.44	0.13	0.37					
8737M	0.49	0.28	0.16	0.37	9170	2.62	1.41	0.14	0.37					
8738M	0.96	0.45	0.11	0.37	9178	8.31	4.94	0.20	0.46					
8742	0.40	0.20	0.11	0.37	9179	23.54	13.25	0.16	0.43					
8745	4.72	2.44	0.13	0.38	9180	4.47	2.17	0.11	0.43					
8748	0.64	0.33	0.12	0.32	9182	2.14	1.16	0.14	0.45					
8755	0.39	0.19	0.11	0.32	9186	40.81	17.88	0.09	0.47					
8799	0.93	0.55	0.19	0.37	9220	5.68	2.93	0.13	0.38					

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

Effective April 1, 2011

FOOTNOTES

D Advisory loss cost for classification already includes the specific disease loading shown in the table below. See **Basic Manual** Rule 3-A-7.

E Advisory loss cost for classification already includes the specific disease loading shown in the table below.

Code No.	Disease Loading	Symbol	Code No.	Disease Loading	Symbol	Code No.	Disease Loading	Symbol
0059D	0.39	S	1624E	0.03	S	3082D	0.08	S
0065D	0.09	S	1741D	0.40	S	3085D	0.08	S
0066D	0.09	S	1803D	0.65	S	4024E	0.03	S
0067D	0.09	S	1852D	0.09	Asb	6251D	0.13	S
1165XE	0.04	S	3081D	0.06	S	6252D	0.08	S

S=Silica, Asb=Asbestos

F Advisory loss cost provides for coverage under the United States Longshore and Harbor Workers Compensation Act and its extensions. Loss cost contains a provision for USL&HW Assessment.

M Risks are subject to Admiralty Law or Federal Employers Liability Act (FELA). However, the published loss cost is for risks that voluntarily purchase standard workers compensation and employers liability coverage. A provision for the USL&HW Assessment is included for those classifications under Program II USL Act.

N This code is part of a ratable / non-ratable group shown below. The statistical non-ratable code and corresponding advisory loss cost are applied in addition to the basic classification when determining premium.

Class Code	Non-Ratable Element Code
4771	0771
7323F	0763F
7405	7445
7431	7453

P Classification is computed on a per capita basis.

X Refer to special classification phraseology in these pages which is applicable in this state.

*** Class Codes with Specific Footnotes**

1005 Advisory loss cost includes a non-ratable disease element of \$5.93. (For coverage written separately for federal benefits only, \$2.09. For coverage written separately for state benefits only, \$3.84.)

2705 An upset payroll of \$4.00 per cord shall be used for premium computation purposes in all instances.

6702 Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way - no work on elevated railroads. Otherwise, assign appropriate construction or erection code loss cost and elr each x 1.215.

6703 Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way - no work on elevated railroads. Otherwise, assign appropriate construction or erection class loss cost x 2.403 and elr x 2.271.

6704 Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way - no work on elevated railroads. Otherwise, assign appropriate construction or erection class loss cost and elr each x 1.35.

8833 The ex-medical advisory loss cost for this classification is \$1.03.

9040 The ex-medical advisory loss cost for this classification is \$1.84.

Effective April 1, 2011

ADVISORY MISCELLANEOUS VALUES

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

Deductible Amount	Advisory Loss Elimination Ratios						
	HAZARD GROUP						
	A	B	C	D	E	F	G
\$100	1.0%	0.7%	0.6%	0.5%	0.4%	0.2%	0.2%
\$200	1.9%	1.3%	1.1%	0.9%	0.7%	0.5%	0.3%
\$300	2.7%	2.0%	1.6%	1.3%	1.1%	0.7%	0.5%
\$400	3.4%	2.5%	2.1%	1.7%	1.4%	0.9%	0.7%
\$500	4.0%	3.0%	2.5%	2.0%	1.7%	1.1%	0.8%
\$1,000	6.3%	4.8%	4.0%	3.3%	2.7%	1.9%	1.4%
\$1,500	7.8%	6.0%	5.1%	4.2%	3.5%	2.4%	1.8%
\$2,000	9.0%	7.0%	5.9%	5.0%	4.1%	2.9%	2.2%
\$2,500	10.0%	7.8%	6.7%	5.6%	4.7%	3.3%	2.5%
\$5,000	14.0%	11.2%	9.7%	8.3%	7.0%	5.2%	4.0%

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

Employee operated vehicle.....	\$55,758.00
Leased or rented vehicle.....	\$37,172.00

Catastrophe (other than Certified Acts of Terrorism) - (Advisory Loss Cost)..... \$0.01

Maximum Payroll applicable in accordance with **Basic Manual** footnote instructions for Code 9178 -- "Athletic Sports or Park: Non-Contact Sports," Code 9179 -- "Athletic Sports or Park: Contact Sports," and Code 9186 -- "Carnival--Traveling" \$1,400.00

Maximum Payroll applicable in accordance with **Basic Manual** Rule 2-E-1 -- "Executive Officers" \$1,600.00

Minimum Payroll applicable in accordance with **Basic Manual** Rule 2-E-1 -- "Executive Officers" \$800.00

Per Passenger Seat Surcharge - In accordance with **Basic Manual** footnote instructions for Code 7421, the surcharge is:

Maximum surcharge per aircraft.....	\$1,000
Per passenger seat.....	\$100

Premium Determination for Partners and Sole Proprietors in accordance with **Basic Manual** Rule 2-E-3 \$40,400.00

Terrorism - (Advisory Loss Cost) \$0.01

United States Longshore and Harbor Workers' Compensation Coverage Percentage applicable only in connection with **Basic Manual** Rule 3-A-4..... 88%

(Multiply a Non-F classification loss cost by a factor of 1.88 to adjust for differences in benefits and loss-based expenses. This factor is the product of the adjustment for differences in benefits (1.76) and the adjustment for differences in loss-based expenses (1.068).)

Experience Rating Eligibility

A risk is eligible for intrastate experience rating when the payrolls or other exposures developed in the last year or last two years of the experience period produced a premium of at least \$8,000. If more than two years, an average annual premium of at least \$4,000 is required. Page R-4 of the **Experience Rating Plan Manual** should be referenced for the latest approved eligibility amounts by state.

Effective April 1, 2011

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

Expected Losses			Weighting Values	Expected Losses			Weighting Values
0	--	2,083	0.04	1,174,986	--	1,239,797	0.44
2,084	--	8,423	0.05	1,239,798	--	1,308,361	0.45
8,424	--	14,898	0.06	1,308,362	--	1,381,014	0.46
14,899	--	21,513	0.07	1,381,015	--	1,458,133	0.47
21,514	--	28,273	0.08	1,458,134	--	1,540,145	0.48
28,274	--	47,289	0.09	1,540,146	--	1,627,530	0.49
47,290	--	70,391	0.10	1,627,531	--	1,720,835	0.50
70,392	--	90,941	0.11	1,720,836	--	1,820,684	0.51
90,942	--	110,949	0.12	1,820,685	--	1,927,791	0.52
110,950	--	130,961	0.13	1,927,792	--	2,042,978	0.53
130,962	--	151,218	0.14	2,042,979	--	2,167,196	0.54
151,219	--	171,860	0.15	2,167,197	--	2,301,550	0.55
171,861	--	192,978	0.16	2,301,551	--	2,447,335	0.56
192,979	--	214,643	0.17	2,447,336	--	2,606,075	0.57
214,644	--	236,913	0.18	2,606,076	--	2,779,578	0.58
236,914	--	259,842	0.19	2,779,579	--	2,970,006	0.59
259,843	--	283,478	0.20	2,970,007	--	3,179,960	0.60
283,479	--	307,871	0.21	3,179,961	--	3,412,610	0.61
307,872	--	333,069	0.22	3,412,611	--	3,671,844	0.62
333,070	--	359,122	0.23	3,671,845	--	3,962,497	0.63
359,123	--	386,083	0.24	3,962,498	--	4,290,651	0.64
386,084	--	414,006	0.25	4,290,652	--	4,664,064	0.65
414,007	--	442,949	0.26	4,664,065	--	5,092,793	0.66
442,950	--	472,974	0.27	5,092,794	--	5,590,116	0.67
472,975	--	504,147	0.28	5,590,117	--	6,173,926	0.68
504,148	--	536,538	0.29	6,173,927	--	6,868,934	0.69
536,539	--	570,223	0.30	6,868,935	--	7,710,255	0.70
570,224	--	605,284	0.31	7,710,256	--	8,749,529	0.71
605,285	--	641,809	0.32	8,749,530	--	10,065,939	0.72
641,810	--	679,893	0.33	10,065,940	--	11,787,392	0.73
679,894	--	719,642	0.34	11,787,393	--	14,134,823	0.74
719,643	--	761,168	0.35	14,134,824	--	17,525,549	0.75
761,169	--	804,594	0.36	17,525,550	--	22,853,824	0.76
804,595	--	850,056	0.37	22,853,825	--	32,444,707	0.77
850,057	--	897,701	0.38	32,444,708	--	54,823,416	0.78
897,702	--	947,692	0.39	54,823,417	--	166,716,908	0.79
947,693	--	1,000,208	0.40	166,716,909	AND OVER		0.80
1,000,209	--	1,055,446	0.41				
1,055,447	--	1,113,624	0.42				
1,113,625	--	1,174,985	0.43				

(a) G	9.95
(b) State Per Claim Accident Limitation	\$248,500
(c) State Multiple Claim Accident Limitation	\$497,000
(d) USL&HW Per Claim Accident Limitation	\$423,000
(e) USL&HW Multiple Claim Accident Limitation	\$846,000
(f) Employers Liability Accident Limitation	\$55,000
(g) USL&HW Act -- Expected Loss Factor -- Non-F Classes	1.77
<i>(Multiply a Non-F classification ELR by the USL&HW Act - Expected Loss Factor of 1.77.)</i>	

Effective April 1, 2011
TABLE OF BALLAST VALUES
APPLICABLE TO ALL POLICIES

Expected Losses	Ballast Values	Expected Losses	Ballast Values	Expected Losses	Ballast Values
0 -- 53,519	24,875	1,717,380 -- 1,767,101	199,000	3,458,125 -- 3,507,867	373,125
53,520 -- 92,111	29,850	1,767,102 -- 1,816,824	203,975	3,507,868 -- 3,557,611	378,100
92,112 -- 136,455	34,825	1,816,825 -- 1,866,549	208,950	3,557,612 -- 3,607,354	383,075
136,456 -- 183,234	39,800	1,866,550 -- 1,916,275	213,925	3,607,355 -- 3,657,097	388,050
183,235 -- 231,151	44,775	1,916,276 -- 1,966,003	218,900	3,657,098 -- 3,706,841	393,025
231,152 -- 279,669	49,750	1,966,004 -- 2,015,731	223,875	3,706,842 -- 3,756,585	398,000
279,670 -- 328,539	54,725	2,015,732 -- 2,065,460	228,850	3,756,586 -- 3,806,329	402,975
328,540 -- 377,629	59,700	2,065,461 -- 2,115,191	233,825	3,806,330 -- 3,856,073	407,950
377,630 -- 426,868	64,675	2,115,192 -- 2,164,922	238,800	3,856,074 -- 3,905,817	412,925
426,869 -- 476,210	69,650	2,164,923 -- 2,214,654	243,775	3,905,818 -- 3,955,562	417,900
476,211 -- 525,628	74,625	2,214,655 -- 2,264,387	248,750	3,955,563 -- 4,005,306	422,875
525,629 -- 575,101	79,600	2,264,388 -- 2,314,121	253,725	4,005,307 -- 4,055,051	427,850
575,102 -- 624,618	84,575	2,314,122 -- 2,363,855	258,700	4,055,052 -- 4,104,796	432,825
624,619 -- 674,168	89,550	2,363,856 -- 2,413,590	263,675	4,104,797 -- 4,154,541	437,800
674,169 -- 723,746	94,525	2,413,591 -- 2,463,326	268,650	4,154,542 -- 4,204,286	442,775
723,747 -- 773,345	99,500	2,463,327 -- 2,513,062	273,625	4,204,287 -- 4,254,031	447,750
773,346 -- 822,962	104,475	2,513,063 -- 2,562,799	278,600	4,254,032 -- 4,303,776	452,725
822,963 -- 872,594	109,450	2,562,800 -- 2,612,536	283,575	4,303,777 -- 4,353,522	457,700
872,595 -- 922,239	114,425	2,612,537 -- 2,662,274	288,550	4,353,523 -- 4,403,267	462,675
922,240 -- 971,894	119,400	2,662,275 -- 2,712,012	293,525	4,403,268 -- 4,453,013	467,650
971,895 -- 1,021,559	124,375	2,712,013 -- 2,761,750	298,500	4,453,014 -- 4,502,759	472,625
1,021,560 -- 1,071,231	129,350	2,761,751 -- 2,811,489	303,475	4,502,760 -- 4,552,504	477,600
1,071,232 -- 1,120,911	134,325	2,811,490 -- 2,861,229	308,450	4,552,505 -- 4,602,250	482,575
1,120,912 -- 1,170,596	139,300	2,861,230 -- 2,910,968	313,425	4,602,251 -- 4,651,996	487,550
1,170,597 -- 1,220,286	144,275	2,910,969 -- 2,960,708	318,400	4,651,997 -- 4,701,742	492,525
1,220,287 -- 1,269,981	149,250	2,960,709 -- 3,010,449	323,375	4,701,743 -- 4,751,125	497,500
1,269,982 -- 1,319,680	154,225	3,010,450 -- 3,060,189	328,350		
1,319,681 -- 1,369,383	159,200	3,060,190 -- 3,109,930	333,325		
1,369,384 -- 1,419,089	164,175	3,109,931 -- 3,159,672	338,300		
1,419,090 -- 1,468,798	169,150	3,159,673 -- 3,209,413	343,275		
1,468,799 -- 1,518,510	174,125	3,209,414 -- 3,259,155	348,250		
1,518,511 -- 1,568,224	179,100	3,259,156 -- 3,308,897	353,225		
1,568,225 -- 1,617,941	184,075	3,308,898 -- 3,358,639	358,200		
1,617,942 -- 1,667,659	189,050	3,358,640 -- 3,408,382	363,175		
1,667,660 -- 1,717,379	194,025	3,408,383 -- 3,458,124	368,150		

For Expected Losses greater than \$4,751,125, the Ballast Value can be calculated using the following formula (rounded to the nearest 1):

$$\text{Ballast} = (0.10)(\text{Expected Losses}) + 2500(\text{Expected Losses})(9.95) / (\text{Expected Losses} + (700)(9.95))$$

G = 9.95

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

NORTH CAROLINA

RR 1

Effective April 1, 2010

Exhibit III

1. Hazard Group Differentials

A	B	C	D	E	F	G
1.31	0.99	0.87	0.78	0.67	0.54	0.40

2. 2007 Table of Expected Loss Ranges

Effective April 1, 2007

3.

Excess Loss Pure Premium Factors

(Applicable to New and Renewal Policies)

Per Accident Limitation	Hazard Groups						
	A	B	C	D	E	F	G
\$10,000 †	0.690	0.722	0.739	0.755	0.770	0.792	0.808
\$15,000 †	0.649	0.687	0.707	0.725	0.744	0.770	0.790
\$20,000 †	0.615	0.657	0.679	0.699	0.721	0.750	0.774
\$25,000	0.586	0.631	0.655	0.676	0.700	0.732	0.760
\$30,000	0.560	0.607	0.632	0.655	0.681	0.716	0.747
\$35,000	0.536	0.586	0.612	0.636	0.664	0.701	0.734
\$40,000	0.515	0.566	0.593	0.618	0.648	0.686	0.722
\$50,000	0.478	0.531	0.560	0.586	0.618	0.660	0.700
\$75,000	0.407	0.461	0.493	0.522	0.558	0.605	0.653
\$100,000	0.357	0.410	0.442	0.472	0.510	0.561	0.614
\$125,000	0.318	0.369	0.402	0.432	0.471	0.525	0.581
\$150,000	0.287	0.337	0.370	0.400	0.440	0.494	0.553
\$175,000	0.260	0.309	0.342	0.372	0.412	0.467	0.528
\$200,000	0.238	0.285	0.318	0.347	0.387	0.443	0.506
\$225,000	0.219	0.264	0.296	0.326	0.366	0.421	0.486
\$250,000	0.203	0.247	0.278	0.307	0.347	0.403	0.468
\$275,000	0.189	0.231	0.262	0.290	0.329	0.385	0.451
\$300,000	0.176	0.216	0.247	0.274	0.312	0.368	0.435
\$325,000	0.165	0.204	0.233	0.260	0.298	0.353	0.419
\$350,000	0.155	0.192	0.221	0.247	0.284	0.339	0.405
\$375,000	0.146	0.182	0.210	0.235	0.272	0.325	0.392
\$400,000	0.138	0.173	0.200	0.225	0.260	0.313	0.380
\$425,000	0.131	0.164	0.191	0.215	0.249	0.302	0.368
\$450,000	0.124	0.156	0.183	0.206	0.239	0.291	0.357
\$475,000	0.118	0.149	0.175	0.197	0.230	0.281	0.347
\$500,000	0.112	0.142	0.168	0.190	0.222	0.272	0.337
\$600,000	0.094	0.121	0.144	0.163	0.193	0.239	0.302
\$700,000	0.081	0.104	0.125	0.143	0.170	0.213	0.274
\$800,000	0.071	0.092	0.112	0.128	0.153	0.193	0.251
\$900,000	0.063	0.082	0.100	0.115	0.138	0.175	0.231
\$1,000,000	0.057	0.074	0.091	0.104	0.125	0.161	0.214
\$2,000,000	0.026	0.035	0.045	0.052	0.064	0.085	0.121
\$3,000,000	0.016	0.022	0.029	0.034	0.042	0.056	0.084
\$4,000,000	0.012	0.016	0.021	0.024	0.030	0.042	0.063
\$5,000,000	0.010	0.013	0.017	0.019	0.024	0.032	0.051
\$6,000,000	0.008	0.010	0.013	0.015	0.019	0.026	0.041
\$7,000,000	0.007	0.008	0.011	0.013	0.016	0.022	0.035
\$8,000,000	0.006	0.008	0.010	0.011	0.014	0.019	0.030
\$9,000,000	0.005	0.007	0.009	0.010	0.012	0.016	0.026
\$10,000,000	0.005	0.006	0.008	0.009	0.011	0.015	0.024

† This loss limit is not applicable for retrospective rating in this state.

This page is included for informational purposes only and reflects the values approved effective April 1, 2010. No change is proposed to these values and they are not being filed for approval as part of this filing.

Effective April 1, 2010

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

Per Accident Limitation	Hazard Groups						
	A	B	C	D	E	F	G
\$10,000 †	0.755	0.789	0.806	0.822	0.838	0.860	0.876
\$15,000 †	0.714	0.753	0.774	0.792	0.811	0.837	0.858
\$20,000 †	0.679	0.723	0.745	0.766	0.788	0.818	0.842
\$25,000	0.648	0.696	0.720	0.742	0.767	0.800	0.828
\$30,000	0.622	0.671	0.697	0.721	0.748	0.783	0.814
\$35,000	0.597	0.649	0.676	0.701	0.730	0.768	0.801
\$40,000	0.575	0.628	0.657	0.683	0.713	0.753	0.789
\$50,000	0.536	0.592	0.622	0.650	0.683	0.726	0.767
\$75,000	0.462	0.519	0.552	0.582	0.620	0.670	0.719
\$100,000	0.407	0.464	0.498	0.530	0.570	0.624	0.679
\$125,000	0.365	0.420	0.456	0.488	0.529	0.585	0.644
\$150,000	0.331	0.386	0.421	0.453	0.496	0.553	0.615
\$175,000	0.302	0.355	0.391	0.423	0.466	0.525	0.589
\$200,000	0.277	0.329	0.365	0.397	0.440	0.499	0.565
\$225,000	0.256	0.306	0.341	0.373	0.416	0.476	0.544
\$250,000	0.238	0.287	0.322	0.353	0.396	0.456	0.525
\$275,000	0.222	0.269	0.303	0.334	0.376	0.437	0.506
\$300,000	0.207	0.253	0.286	0.317	0.359	0.419	0.489
\$325,000	0.195	0.238	0.271	0.301	0.342	0.402	0.474
\$350,000	0.183	0.225	0.258	0.287	0.327	0.387	0.458
\$375,000	0.173	0.214	0.245	0.273	0.313	0.373	0.444
\$400,000	0.164	0.203	0.234	0.261	0.301	0.359	0.431
\$425,000	0.155	0.193	0.224	0.250	0.289	0.346	0.418
\$450,000	0.147	0.184	0.214	0.240	0.278	0.335	0.406
\$475,000	0.140	0.176	0.205	0.230	0.267	0.323	0.395
\$500,000	0.134	0.169	0.197	0.222	0.258	0.313	0.384
\$600,000	0.113	0.143	0.169	0.192	0.225	0.277	0.346
\$700,000	0.097	0.124	0.148	0.168	0.199	0.248	0.315
\$800,000	0.085	0.110	0.132	0.151	0.179	0.225	0.290
\$900,000	0.076	0.098	0.119	0.136	0.162	0.205	0.267
\$1,000,000	0.068	0.088	0.108	0.123	0.148	0.188	0.248
\$2,000,000	0.031	0.042	0.054	0.062	0.076	0.100	0.142
\$3,000,000	0.020	0.026	0.035	0.040	0.050	0.067	0.099
\$4,000,000	0.014	0.019	0.025	0.029	0.036	0.050	0.075
\$5,000,000	0.011	0.015	0.020	0.023	0.028	0.039	0.060
\$6,000,000	0.009	0.012	0.015	0.018	0.022	0.031	0.049
\$7,000,000	0.008	0.010	0.013	0.015	0.019	0.026	0.041
\$8,000,000	0.007	0.009	0.012	0.013	0.016	0.022	0.036
\$9,000,000	0.006	0.008	0.010	0.012	0.015	0.020	0.031
\$10,000,000	0.006	0.007	0.009	0.011	0.013	0.018	0.028

† This loss limit is not applicable for retrospective rating in this state.

4.

Retrospective Pure Premium Development Factors

With Loss Limit			Without Loss Limit			4th & Subsequent Adjustment
1st Adj.	2nd Adj.	3rd Adj.	1st Adj.	2nd Adj.	3rd Adj.	
0.08	0.06	0.04	0.36	0.25	0.19	0.00

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NORTH CAROLINA

APPENDIX A-I

CALCULATION OF 2008 POLICY YEAR ON-LEVEL FACTORS

Section A - Factor Adjusting 2008 Policy Year Assigned Risk Premium to Present Assigned Risk Pure Premium Level

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Date	Rate Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index / Sum Col. (4)	Adj. For Expense Constant Removal@	Adj. For Removal of Expenses	Adj. For MPM Removal*	Prem. Adj. Factor (((5)x(6)) x(7))x(8)
NR	04/01/07	Base	1.000	0.314	0.314	0.974	0.895	0.720	0.964	0.605
NR	04/01/08	1.041	1.041	0.686	<u>0.714</u>					
NR	04/01/09	0.962	1.001		1.028					
NR	04/01/10	1.000	1.001							

Section B - Factor Adjusting 2008 Policy Year Voluntary Premium to Present Voluntary Pure Premium Level

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Date	Pure Premium Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index / Sum Col. (4)	Adj. For Expense Constant Removal@	Adj. For MPM Removal*	Prem. Adj. Factor ((5)x(6)) x(7)
NR	04/01/07	Base	1.000	0.314	0.314	0.868	1.000	1.000	0.868
NR	04/01/08	1.016	1.016	0.686	<u>0.697</u>				
NR	04/01/09	0.956	0.971		1.011				
NR	04/01/10	0.904	0.878						

Section C - Factor Adjusting 2008 Policy Year Assigned Risk and Voluntary Premium to Present Pure Premium Level

(1)	Assigned Risk Market Share PY 2008	0.067
(2)	Voluntary Market Share PY 2008	0.933
(3)	Assigned Risk Standard Premium Adjustment Factor (See Sec. A)	0.605
(4)	Voluntary Standard Premium Adjustment Factor (See Sec. B)	0.868
(5)	Premium Adjustment Factor = [(1)x(3)]/1.469 + (2)x(4) #	0.838

NR New and renewal business.

@ Eliminates premium derived from expense constants.

* Eliminates premium derived from minimum premiums.

Current Premium Index (assigned risk to voluntary) = 1.469

NORTH CAROLINA

APPENDIX A-I

CALCULATION OF 2008 POLICY YEAR ON-LEVEL FACTORS

Section D - Factor Adjusting 2008 Policy Year Indemnity Losses To Present Benefit Level

Date	(1) Benefit Level Change	(2) Cumulative Index	(3) Weight	(4) Product (2)x(3)	(5) Adj. Factor Present Index / Sum Col. (4)
01/01/08	Base	1.000	0.593	0.593	1.009
01/01/09	1.006	1.006	0.407	<u>0.409</u>	
01/01/10	1.005	1.011		1.002	

Section E - Factor Adjusting 2008 Policy Year Medical Losses To Present Benefit Level

Date	(1) Benefit Level Change	(2) Cumulative Index	(3) Weight	(4) Product (2)x(3)	(5) Adj. Factor Present Index / Sum Col. (4)
01/01/08	Base	1.000	0.593	0.593	1.000
01/01/09	1.000	1.000	0.407	<u>0.407</u>	
01/01/10	1.000	1.000		1.000	

NORTH CAROLINA

APPENDIX A-I

CALCULATION OF 2007 POLICY YEAR ON-LEVEL FACTORS

Section F - Factor Adjusting 2007 Policy Year Assigned Risk Premium to Present Assigned Risk Pure Premium Level

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Rate	Cumulative		Product	Adj. Factor	Adj. For	Adj. For	Adj. For	Prem. Adj.
Date	Level	Index	Weight	(2)x(3)	Present	Expense	Removal of	MPM	Factor
	Change				Index / Sum	Constant	Expenses	Removal*	((5)x(6))
					Col. (4)	Removal@			x(7))x(8)
NR 04/01/06	Base	1.000	0.314	0.314	1.024	0.903	0.720	0.964	0.642
NR 04/01/07	1.076	1.076	0.686	<u>0.738</u>					
NR 04/01/08	1.041	1.120		1.052					
NR 04/01/09	0.962	1.077							
NR 04/01/10	1.000	1.077							

Section G - Factor Adjusting 2007 Policy Year Voluntary Premium to Present Voluntary Pure Premium Level

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Pure	Cumulative		Product	Adj. Factor	Adj. For	Adj. For	Prem. Adj.
Date	Premium	Index	Weight	(2)x(3)	Present	Expense	MPM	Factor
	Level				Index / Sum	Constant	Removal*	((5)x(6))
	Change				Col. (4)	Removal@		x(7)
NR 04/01/06	Base	1.000	0.314	0.314	0.897	1.000	1.000	0.897
NR 04/01/07	1.073	1.073	0.686	<u>0.736</u>				
NR 04/01/08	1.016	1.090		1.050				
NR 04/01/09	0.956	1.042						
NR 04/01/10	0.904	0.942						

Section H - Factor Adjusting 2007 Policy Year Assigned Risk and Voluntary Premium to Present Pure Premium Level

(1) Assigned Risk Market Share PY 2007	0.092
(2) Voluntary Market Share PY 2007	0.908
(3) Assigned Risk Standard Premium Adjustment Factor (See Sec. F)	0.642
(4) Voluntary Standard Premium Adjustment Factor (See Sec. G)	0.897
(5) Premium Adjustment Factor = [(1)x(3)]/1.469 + (2)x(4) #	0.854

NR New and renewal business.

@ Eliminates premium derived from expense constants.

* Eliminates premium derived from minimum premiums.

Current Premium Index (assigned risk to voluntary) = 1.469

NORTH CAROLINA

APPENDIX A-I

CALCULATION OF 2007 POLICY YEAR ON-LEVEL FACTORS

Section I - Factor Adjusting 2007 Policy Year Indemnity Losses To Present Benefit Level

Date	(1) Benefit Level Change	(2) Cumulative Index	(3) Weight	(4) Product (2)x(3)	(5) Adj. Factor Present Index / Sum Col. (4)
01/01/07	Base	1.000	0.593	0.593	1.013
01/01/08	1.004	1.004	0.407	<u>0.409</u>	
01/01/09	1.006	1.010		1.002	
01/01/10	1.005	1.015			

Section J - Factor Adjusting 2007 Policy Year Medical Losses To Present Benefit Level

Date	(1) Benefit Level Change	(2) Cumulative Index	(3) Weight	(4) Product (2)x(3)	(5) Adj. Factor Present Index / Sum Col. (4)
01/01/07	Base	1.000	0.593	0.593	1.000
01/01/08	1.000	1.000	0.407	<u>0.407</u>	
01/01/09	1.000	1.000		1.000	
01/01/10	1.000	1.000			

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF PREMIUM AND LOSSES DEVELOPED TO AN ULTIMATE REPORT

Section A - Premium and Loss Summary Valued as of 12/31/2009

Policy Year 2008

(1)	Standard Earned Premium	\$1,138,191,380
(2)	Factor to Develop Premium to Ultimate	1.009
(3)	Standard Earned Premium Developed to Ultimate = (1)x(2)	\$1,148,435,102
(4)	Limited Indemnity Paid Losses	\$102,346,869
(5)	Limited Indemnity Paid Development Factor to Ultimate	4.603
(6)	Limited Indemnity Paid Losses Developed to Ultimate = (4)x(5)	\$471,102,638
(7)	Limited Indemnity Paid+Case Losses	\$218,227,092
(8)	Limited Indemnity Paid+Case Development Factor to Ultimate	1.944
(9)	Limited Indemnity Paid+Case Losses Developed to Ultimate = (7)x(8)	\$424,233,467
	Policy Year 2008 Avg. Limited Indemnity Paid and Pd+Cs Losses Developed to Ultimate	\$447,668,053
(10)	Limited Medical Paid Losses	\$181,944,386
(11)	Limited Medical Paid Development Factor to Ultimate	2.173
(12)	Limited Medical Paid Losses Developed to Ultimate = (10)x(11)	\$395,365,151
(13)	Limited Medical Paid+Case Losses	\$286,524,703
(14)	Limited Medical Paid+Case Development Factor to Ultimate	1.326
(15)	Limited Medical Paid+Case Losses Developed to Ultimate = (13)x(14)	\$379,931,756
	Policy Year 2008 Avg. Limited Medical Paid and Pd+Cs Losses Developed to Ultimate	\$387,648,454

Policy Year 2007

(1)	Standard Earned Premium	\$1,187,977,926
(2)	Factor to Develop Premium to Ultimate	1.002
(3)	Standard Earned Premium Developed to Ultimate = (1)x(2)	\$1,190,353,882
(4)	Limited Indemnity Paid Losses	\$225,341,551
(5)	Limited Indemnity Paid Development Factor to Ultimate	2.215
(6)	Limited Indemnity Paid Losses Developed to Ultimate = (4)x(5)	\$499,131,535
(7)	Limited Indemnity Paid+Case Losses	\$332,675,031
(8)	Limited Indemnity Paid+Case Development Factor to Ultimate	1.416
(9)	Limited Indemnity Paid+Case Losses Developed to Ultimate = (7)x(8)	\$471,067,844
	Policy Year 2007 Avg. Limited Indemnity Paid and Pd+Cs Losses Developed to Ultimate	\$485,099,690
(10)	Limited Medical Paid Losses	\$260,728,154
(11)	Limited Medical Paid Development Factor to Ultimate	1.630
(12)	Limited Medical Paid Losses Developed to Ultimate = (10)x(11)	\$424,986,891
(13)	Limited Medical Paid+Case Losses	\$332,718,930
(14)	Limited Medical Paid+Case Development Factor to Ultimate	1.213
(15)	Limited Medical Paid+Case Losses Developed to Ultimate = (13)x(14)	\$403,588,062
	Policy Year 2007 Avg. Limited Medical Paid and Pd+Cs Losses Developed to Ultimate	\$414,287,477

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF PREMIUM DEVELOPMENT FACTORS

Section B - Premium Development Factors

<u>Policy Year</u>	<u>Standard Premium for Matching Companies</u>		<u>Development Factor</u>
	<u>1st Report</u>	<u>2nd Report</u>	
2005	846,422,587	860,546,520	1.017
2006	1,039,899,768	1,049,669,051	1.009
2007	1,193,015,904	1,187,977,926	0.996
Average			1.007
	<u>2nd Report</u>	<u>3rd Report</u>	
2004	796,440,976	795,617,768	0.999
2005	927,720,975	927,546,262	1.000
2006	1,049,669,603	1,049,324,177	1.000
Average			1.000
	<u>3rd Report</u>	<u>4th Report</u>	
2003	741,925,943	742,097,276	1.000
2004	853,487,018	854,425,424	1.001
2005	926,082,052	926,913,463	1.001
Average			1.001
	<u>4th Report</u>	<u>5th Report</u>	
2002	671,109,457	671,401,308	1.000
2003	795,228,333	795,575,531	1.000
2004	844,072,583	845,351,312	1.002
Average			1.001

Three-year average premium development factors

<u>1st/5th</u>	<u>2nd/5th</u>	<u>3rd/5th</u>	<u>4th/5th</u>
1.009	1.002	1.002	1.001

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section C1 - Limited Loss Development Factors - Paid

<u>Policy Year</u>	<u>Limited Paid Indemnity Losses for Matching Companies</u>		<u>Dev't Factor</u>	<u>Limited Paid Medical Losses for Matching Companies</u>		<u>Dev't Factor</u>
	<u>1st Report</u>	<u>2nd Report</u>		<u>1st Report</u>	<u>2nd Report</u>	
2006	94,835,476	198,243,655	2.090	182,614,797	242,824,931	1.330
2007	109,045,024	225,323,486	2.066	195,149,939	260,816,153	1.336
Average			2.078			1.333
	<u>2nd Report</u>	<u>3rd Report</u>		<u>2nd Report</u>	<u>3rd Report</u>	
2005	189,859,419	267,952,246	1.411	236,971,708	264,031,847	1.114
2006	194,887,600	271,389,614	1.393	238,038,175	266,644,820	1.120
Average			1.402			1.117
	<u>3rd Report</u>	<u>4th Report</u>		<u>3rd Report</u>	<u>4th Report</u>	
2004	261,882,728	305,405,744	1.166	252,233,992	267,869,807	1.062
2005	262,105,864	305,872,105	1.167	258,593,727	275,167,411	1.064
Average			1.167			1.063
	<u>4th Report</u>	<u>5th Report</u>		<u>4th Report</u>	<u>5th Report</u>	
2003	278,316,882	301,279,611	1.083	228,603,701	237,065,466	1.037
2004	300,549,792	325,554,980	1.083	263,923,316	278,185,789	1.054
Average			1.083			1.046
	<u>5th Report</u>	<u>6th Report</u>		<u>5th Report</u>	<u>6th Report</u>	
2002	275,744,220	292,006,074	1.059	217,356,917	222,506,971	1.024
2003	300,788,828	317,220,651	1.055	236,643,848	242,972,083	1.027
Average			1.057			1.026
	<u>6th Report</u>	<u>7th Report</u>		<u>6th Report</u>	<u>7th Report</u>	
2001	286,359,165	297,002,128	1.037	206,710,355	211,862,048	1.025
2002	289,885,367	298,187,937	1.029	221,372,205	224,399,058	1.014
Average			1.033			1.020
	<u>7th Report</u>	<u>8th Report</u>		<u>7th Report</u>	<u>8th Report</u>	
2000	283,929,555	291,593,303	1.027	210,498,733	214,476,545	1.019
2001	288,329,455	294,097,719	1.020	206,536,151	209,778,671	1.016
Average			1.024			1.018
	<u>8th Report</u>	<u>9th Report</u>		<u>8th Report</u>	<u>9th Report</u>	
1999	287,128,126	292,073,820	1.017	204,450,053	207,389,533	1.014
2000	279,697,270	283,336,327	1.013	204,145,498	207,279,440	1.015
Average			1.015			1.015
	<u>9th Report</u>	<u>10th Report</u>		<u>9th Report</u>	<u>10th Report</u>	
1998	269,814,468	274,099,545	1.016	200,779,871	207,133,252	1.032
1999	274,922,314	278,680,077	1.014	195,676,252	198,710,855	1.016
Average			1.015			1.024
	<u>10th Report</u>	<u>11th Report</u>		<u>10th Report</u>	<u>11th Report</u>	
1997	178,610,205	180,121,734	1.008	133,500,549	134,241,440	1.006
1998	261,873,017	264,020,616	1.008	196,363,151	198,043,995	1.009
Average			1.008			1.008

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section C1 - Limited Loss Development Factors - Paid (Cont.)

<u>Policy Year</u>	<u>Limited Paid Indemnity Losses for Matching Companies</u>		<u>Dev't Factor</u>	<u>Limited Paid Medical Losses for Matching Companies</u>		<u>Dev't Factor</u>
	<u>11th Report</u>	<u>12th Report</u>		<u>11th Report</u>	<u>12th Report</u>	
1996	144,084,133	145,327,251	1.009	112,017,393	113,118,714	1.010
1997	174,383,897	175,071,793	1.004	130,267,942	131,166,134	1.007
Average			1.007			1.009
	<u>12th Report</u>	<u>13th Report</u>		<u>12th Report</u>	<u>13th Report</u>	
1995	123,082,900	123,333,151	1.002	104,205,429	104,886,270	1.007
1996	144,046,997	144,893,753	1.006	112,475,027	113,175,163	1.006
Average			1.004			1.007
	<u>13th Report</u>	<u>14th Report</u>		<u>13th Report</u>	<u>14th Report</u>	
1994	122,087,502	122,399,779	1.003	97,626,014	97,787,650	1.002
1995	123,053,958	123,286,034	1.002	104,522,878	104,961,338	1.004
Average			1.003			1.003
	<u>14th Report</u>	<u>15th Report</u>		<u>14th Report</u>	<u>15th Report</u>	
1993	150,026,819	150,446,284	1.003	129,697,219	130,224,670	1.004
1994	122,238,615	122,472,745	1.002	97,474,476	97,888,934	1.004
Average			1.003			1.004
	<u>15th Report</u>	<u>16th Report</u>		<u>15th Report</u>	<u>16th Report</u>	
1992	185,675,857	186,518,529	1.005	162,315,727	163,509,069	1.007
1993	150,280,820	150,730,815	1.003	130,035,132	130,463,267	1.003
Average			1.004			1.005
	<u>16th Report</u>	<u>17th Report</u>		<u>16th Report</u>	<u>17th Report</u>	
1991	240,542,726	241,208,020	1.003	200,508,813	201,750,608	1.006
1992	185,316,859	185,865,484	1.003	162,650,521	163,533,697	1.005
Average			1.003			1.006
	<u>17th Report</u>	<u>18th Report</u>		<u>17th Report</u>	<u>18th Report</u>	
1990	255,826,799	256,791,402	1.004	199,914,129	200,907,394	1.005
1991	240,349,619	240,970,366	1.003	201,113,429	202,245,934	1.006
Average			1.004			1.006
	<u>18th Report</u>	<u>19th Report</u>		<u>18th Report</u>	<u>19th Report</u>	
1989	247,621,041	247,981,035	1.001	191,076,849	191,765,366	1.004
1990	256,294,149	257,065,036	1.003	200,346,202	201,169,378	1.004
Average			1.002			1.004

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section C2 - Limited Loss Development Factors - Paid+Case

<u>Policy Year</u>	<u>Limited Pd+Cs Indemnity Losses for Matching Companies</u>		<u>Dev't Factor</u>	<u>Limited Pd+Cs Medical Losses for Matching Companies</u>		<u>Dev't Factor</u>
	<u>1st Report</u>	<u>2nd Report</u>		<u>1st Report</u>	<u>2nd Report</u>	
2003	200,975,908	269,240,114	1.340	237,738,573	251,146,785	1.056
2004	209,505,785	287,291,244	1.371	275,344,205	302,368,920	1.098
2005	216,165,974	298,355,056	1.380	285,085,762	315,143,337	1.105
2006	217,259,302	294,473,181	1.355	286,362,704	315,820,231	1.103
2007	234,831,610	332,656,466	1.417	301,845,774	332,806,929	1.103
Average			1.373			1.093
	<u>2nd Report</u>	<u>3rd Report</u>		<u>2nd Report</u>	<u>3rd Report</u>	
2002	239,373,673	277,285,565	1.158	237,590,169	243,153,142	1.023
2003	268,067,916	305,093,013	1.138	250,632,230	263,150,496	1.050
2004	289,644,810	329,318,614	1.137	304,374,978	310,692,359	1.021
2005	301,007,871	342,301,876	1.137	317,353,224	315,021,434	0.993
2006	289,946,363	346,197,581	1.194	304,231,567	317,817,192	1.045
Average			1.153			1.026
	<u>3rd Report</u>	<u>4th Report</u>		<u>3rd Report</u>	<u>4th Report</u>	
2001	258,933,732	281,889,939	1.089	227,773,377	228,272,074	1.002
2002	268,421,701	289,701,408	1.079	235,653,238	232,450,968	0.986
2003	306,153,546	326,266,604	1.066	263,730,461	267,871,700	1.016
2004	332,121,039	353,417,921	1.064	312,563,303	316,206,006	1.012
2005	335,347,009	358,380,565	1.069	309,025,565	315,616,550	1.021
Average			1.073			1.007
	<u>4th Report</u>	<u>5th Report</u>		<u>4th Report</u>	<u>5th Report</u>	
2000	280,895,040	291,676,468	1.038	222,282,863	226,582,806	1.019
2001	286,606,192	300,749,335	1.049	229,622,769	228,743,921	0.996
2002	300,628,341	311,966,400	1.038	244,418,066	250,287,011	1.024
2003	327,604,232	338,305,625	1.033	268,928,553	271,473,835	1.009
2004	348,102,716	363,148,536	1.043	312,086,420	321,270,514	1.029
Average			1.040			1.015
	<u>5th Report</u>	<u>6th Report</u>		<u>5th Report</u>	<u>6th Report</u>	
1999	282,037,092	291,072,641	1.032	212,415,185	213,380,984	1.005
2000	288,888,338	294,246,742	1.019	217,507,008	218,443,478	1.004
2001	303,953,109	313,111,946	1.030	230,968,077	227,325,035	0.984
2002	313,078,793	317,055,007	1.013	250,998,947	252,066,999	1.004
2003	337,770,464	345,108,084	1.022	270,963,242	273,914,123	1.011
Average			1.023			1.002
	<u>6th Report</u>	<u>7th Report</u>		<u>6th Report</u>	<u>7th Report</u>	
1998	268,965,733	273,017,942	1.015	217,682,672	222,799,380	1.024
1999	292,865,833	297,232,282	1.015	214,216,878	218,371,692	1.019
2000	299,954,668	304,915,060	1.017	236,305,777	240,921,414	1.020
2001	313,446,196	316,549,886	1.010	227,556,654	231,287,255	1.016
2002	314,629,614	318,179,318	1.011	250,908,125	249,685,125	0.995
Average			1.014			1.015

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section C2 - Limited Loss Development Factors - Paid+Case (Cont.)

<u>Policy Year</u>	<u>Limited Pd+Cs Indemnity Losses for Matching Companies</u>		<u>Dev't Factor</u>	<u>Limited Pd+Cs Medical Losses for Matching Companies</u>		<u>Dev't Factor</u>
	<u>7th Report</u>	<u>8th Report</u>		<u>7th Report</u>	<u>8th Report</u>	
1997	177,233,470	179,678,743	1.014	134,339,169	135,420,913	1.008
1998	272,828,284	273,883,463	1.004	219,817,713	214,258,010	0.975
1999	300,331,015	302,394,351	1.007	220,457,522	222,673,913	1.010
2000	306,604,836	307,178,877	1.002	241,779,943	242,174,436	1.002
2001	307,381,125	309,348,906	1.006	225,417,970	224,509,475	0.996
Average			1.007			0.998
	<u>8th Report</u>	<u>9th Report</u>		<u>8th Report</u>	<u>9th Report</u>	
1996	142,432,696	143,209,226	1.005	112,077,829	112,641,629	1.005
1997	177,502,881	177,284,015	0.999	133,681,479	135,814,018	1.016
1998	277,798,888	279,054,730	1.005	218,951,662	220,429,393	1.007
1999	304,173,938	307,141,693	1.010	223,817,052	228,462,308	1.021
2000	293,185,017	294,749,112	1.005	223,990,057	226,454,114	1.011
Average			1.005			1.012
	<u>9th Report</u>	<u>10th Report</u>		<u>9th Report</u>	<u>10th Report</u>	
1995	119,845,834	120,366,655	1.004	106,384,304	107,413,166	1.010
1996	144,237,553	145,060,310	1.006	113,303,239	118,413,711	1.045
1997	181,480,931	181,903,799	1.002	138,779,315	139,280,986	1.004
1998	281,906,206	283,791,764	1.007	222,991,264	221,683,066	0.994
1999	289,381,295	291,060,264	1.006	216,289,208	221,189,895	1.023
Average			1.005			1.015
	<u>10th Report</u>	<u>11th Report</u>		<u>10th Report</u>	<u>11th Report</u>	
1994	120,546,676	120,810,351	1.002	98,252,521	97,443,517	0.992
1995	121,510,090	122,399,769	1.007	108,412,988	104,589,930	0.965
1996	146,015,794	146,291,898	1.002	119,122,615	118,970,339	0.999
1997	184,129,794	185,003,413	1.005	141,434,010	140,852,570	0.996
1998	270,806,028	272,286,893	1.005	210,382,247	212,000,213	1.008
Average			1.004			0.992
	<u>11th Report</u>	<u>12th Report</u>		<u>11th Report</u>	<u>12th Report</u>	
1993	151,216,551	152,197,475	1.006	136,118,393	137,260,573	1.008
1994	122,424,724	123,011,323	1.005	98,554,454	99,244,141	1.007
1995	122,399,769	122,501,743	1.001	104,589,930	104,804,913	1.002
1996	148,646,035	149,241,116	1.004	120,997,973	122,216,198	1.010
1997	179,260,576	179,330,922	1.000	136,853,309	139,107,118	1.016
Average			1.003			1.009
	<u>12th Report</u>	<u>13th Report</u>		<u>12th Report</u>	<u>13th Report</u>	
1992	188,277,502	188,658,952	1.002	165,612,831	168,353,705	1.017
1993	153,422,747	154,302,053	1.006	138,152,346	139,220,921	1.008
1994	123,011,323	123,425,791	1.003	99,244,141	99,097,089	0.999
1995	124,506,425	124,620,161	1.001	106,990,102	109,389,474	1.022
1996	147,960,862	148,716,947	1.005	121,572,511	121,663,721	1.001
Average			1.003			1.009

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section C2 - Limited Loss Development Factors - Paid+Case (Cont.)

<u>Policy Year</u>	<u>Limited Pd+Cs Indemnity Losses for Matching Companies</u>		<u>Dev't Factor</u>	<u>Limited Pd+Cs Medical Losses for Matching Companies</u>		<u>Dev't Factor</u>
	<u>13th Report</u>	<u>14th Report</u>		<u>13th Report</u>	<u>14th Report</u>	
1991	243,509,232	245,509,017	1.008	205,716,501	208,119,420	1.012
1992	190,522,475	190,896,096	1.002	170,018,855	170,488,975	1.003
1993	154,302,053	154,602,207	1.002	139,220,921	141,095,057	1.013
1994	124,375,010	124,272,867	0.999	99,939,149	99,918,118	1.000
1995	124,331,211	124,918,687	1.005	109,014,861	109,830,651	1.007
Average			1.003			1.007
	<u>14th Report</u>	<u>15th Report</u>		<u>14th Report</u>	<u>15th Report</u>	
1990	259,260,849	259,817,447	1.002	212,153,706	212,622,751	1.002
1991	247,632,774	247,524,105	1.000	210,228,508	210,782,337	1.003
1992	190,896,096	190,314,393	0.997	170,488,975	174,414,541	1.023
1993	153,788,029	153,785,548	1.000	136,700,268	138,504,372	1.013
1994	124,111,703	124,072,271	1.000	99,604,944	100,145,284	1.005
Average			1.000			1.009
	<u>15th Report</u>	<u>16th Report</u>		<u>15th Report</u>	<u>16th Report</u>	
1989	249,356,604	249,715,549	1.001	196,068,352	196,013,387	1.000
1990	262,066,145	262,627,393	1.002	214,168,586	213,276,168	0.996
1991	247,524,105	247,548,966	1.000	210,782,337	213,155,866	1.011
1992	189,468,804	189,777,633	1.002	173,948,598	174,161,860	1.001
1993	153,620,084	153,568,023	1.000	138,314,834	138,084,979	0.998
Average			1.001			1.001
	<u>16th Report</u>	<u>17th Report</u>		<u>16th Report</u>	<u>17th Report</u>	
1988	205,387,563	205,360,945	1.000	166,768,829	166,409,949	0.998
1989	251,236,628	251,247,247	1.000	196,810,059	198,524,219	1.009
1990	262,627,393	262,692,053	1.000	213,276,168	213,757,403	1.002
1991	246,954,897	247,059,199	1.000	212,780,000	213,800,022	1.005
1992	188,575,963	188,743,762	1.001	173,303,312	169,908,312	0.980
Average			1.000			0.999
	<u>17th Report</u>	<u>18th Report</u>		<u>17th Report</u>	<u>18th Report</u>	
1987	169,733,569	170,064,764	1.002	134,332,293	135,202,001	1.006
1988	205,801,009	206,030,764	1.001	166,719,578	166,973,432	1.002
1989	251,247,247	251,376,037	1.001	198,524,219	198,918,104	1.002
1990	261,860,462	261,688,277	0.999	213,354,033	213,399,934	1.000
1991	246,200,798	246,337,067	1.001	213,162,843	213,422,201	1.001
Average			1.001			1.002
	<u>18th Report</u>	<u>19th Report</u>		<u>18th Report</u>	<u>19th Report</u>	
1986	87,251,972	87,365,952	1.001	72,486,993	72,426,062	0.999
1987	170,787,442	170,903,863	1.001	135,547,920	137,204,042	1.012
1988	206,030,764	206,334,295	1.001	166,973,432	171,038,848	1.024
1989	250,829,920	251,023,167	1.001	198,686,396	200,024,201	1.007
1990	261,191,024	261,206,903	1.000	212,838,742	213,165,709	1.002
Average			1.001			1.009

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section D - Accident Year Unlimited Loss Development Factors (19th-to-Ultimate Report)

	<u>Indemnity</u>	<u>Medical</u>
(1) Losses for accident year 1981 valued as of 12-31-1988	53,875,360	37,919,991
(2) Losses for accident year 1982 valued as of 12-31-1989	51,186,562	37,034,596
(3) Losses for accident year 1983 valued as of 12-31-1990	59,598,750	47,746,269
(4) Losses for accident year 1984 valued as of 12-31-1991	67,227,944	56,190,374
(5) Losses for accident year 1985 valued as of 12-31-1992	77,174,442	60,856,798
(6) Average = ((1)+(2)+(3)+(4)+(5))/5	61,812,612	47,949,606
(7) Losses for accident year 1986 valued as of 12-31-1993	93,162,040	71,050,968
(8) Ratio = (6)/(7)	0.663	0.675
(9) Losses for accident year 1986 valued as of 12-31-2004	117,919,363	94,622,274
(10) Losses for accident year 1986 valued as of 12-31-2005	118,125,528	94,987,076
(11) Losses for accident years prior to 1986 valued as of 12-31-2004	851,318,000	618,750,646
(12) Losses for accident years prior to 1986 valued as of 12-31-2005	854,477,921	623,815,537
(13) 19th-to-ultimate development factor = 1+[(10)-(9)+((12)-(11))/(8))/(9)	1.042	1.083
(14) Losses for accident year 1982 valued as of 12-31-1989	47,663,737	34,598,009
(15) Losses for accident year 1983 valued as of 12-31-1990	55,532,749	42,881,830
(16) Losses for accident year 1984 valued as of 12-31-1991	62,397,553	52,330,852
(17) Losses for accident year 1985 valued as of 12-31-1992	72,725,374	57,812,133
(18) Losses for accident year 1986 valued as of 12-31-1993	88,442,418	67,387,275
(19) Average = ((14)+(15)+(16)+(17)+(18))/5	65,352,366	51,002,020
(20) Losses for accident year 1987 valued as of 12-31-1994	117,635,669	92,198,588
(21) Ratio = (19)/(20)	0.556	0.553
(22) Losses for accident year 1987 valued as of 12-31-2005	139,723,534	111,975,423
(23) Losses for accident year 1987 valued as of 12-31-2006	139,933,643	112,444,934
(24) Losses for accident years prior to 1987 valued as of 12-31-2005	919,221,368	674,444,959
(25) Losses for accident years prior to 1987 valued as of 12-31-2006	920,241,854	679,192,570
(26) 19th-to-ultimate development factor = 1+[(23)-(22)+((25)-(24))/(21))/(22)	1.015	1.081
(27) Losses for accident year 1983 valued as of 12-31-1990	80,335,646	63,328,381
(28) Losses for accident year 1984 valued as of 12-31-1991	98,546,007	78,564,723
(29) Losses for accident year 1985 valued as of 12-31-1992	117,059,567	90,066,448
(30) Losses for accident year 1986 valued as of 12-31-1993	135,960,969	103,433,064
(31) Losses for accident year 1987 valued as of 12-31-1994	167,762,527	135,134,393
(32) Average = ((27)+(28)+(29)+(30)+(31))/5	119,932,943	94,105,402
(33) Losses for accident year 1988 valued as of 12-31-1995	214,777,459	166,127,292
(34) Ratio = (32)/(33)	0.558	0.566
(35) Losses for accident year 1988 valued as of 12-31-2006	175,429,517	142,871,672
(36) Losses for accident year 1988 valued as of 12-31-2007	175,845,930	144,605,839
(37) Losses for accident years prior to 1988 valued as of 12-31-2006	1,060,166,167	791,637,504
(38) Losses for accident years prior to 1988 valued as of 12-31-2007	1,061,724,225	796,546,541
(39) 19th-to-ultimate development factor = 1+[(36)-(35)+((38)-(37))/(34))/(35)	1.018	1.073

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section D - Accident Year Unlimited Loss Development Factors (19th-to-Ultimate Report) (Cont.)

	<u>Indemnity</u>	<u>Medical</u>
(40) Losses for accident year 1984 valued as of 12-31-2002	68,031,500	51,971,257
(41) Losses for accident year 1985 valued as of 12-31-2003	84,692,229	67,096,174
(42) Losses for accident year 1986 valued as of 12-31-2004	96,064,069	75,416,222
(43) Losses for accident year 1987 valued as of 12-31-2005	131,148,407	103,838,701
(44) Losses for accident year 1988 valued as of 12-31-2006	162,732,839	131,988,444
(45) Average = ((40)+(41)+(42)+(43)+(44))/5	108,533,809	86,062,160
(46) Losses for accident year 1989 valued as of 12-31-2007	201,559,281	171,350,429
(47) Ratio = (45)/(46)	0.538	0.502
(48) Losses for accident year 1989 valued as of 12-31-2007	236,489,428	197,618,478
(49) Losses for accident year 1989 valued as of 12-31-2008	237,087,497	200,867,499
(50) Losses for accident years prior to 1989 valued as of 12-31-2007	1,315,116,082	1,001,856,053
(51) Losses for accident years prior to 1989 valued as of 12-31-2008	1,318,388,368	1,009,127,074
(52) 19th-to-ultimate development factor = 1+[(49)-(48)+((51)-(50))/(47))/(48)	1.028	1.090
(53) Losses for accident year 1985 valued as of 12-31-2003	84,485,932	66,895,727
(54) Losses for accident year 1986 valued as of 12-31-2004	95,791,717	75,248,121
(55) Losses for accident year 1987 valued as of 12-31-2005	130,766,649	103,595,862
(56) Losses for accident year 1988 valued as of 12-31-2006	162,588,618	131,879,510
(57) Losses for accident year 1989 valued as of 12-31-2007	201,121,241	171,145,993
(58) Average = ((53)+(54)+(55)+(56)+(57))/5	134,950,831	109,753,043
(59) Losses for accident year 1990 valued as of 12-31-2008	221,617,040	169,535,593
(60) Ratio = (58)/(59)	0.609	0.647
(61) Losses for accident year 1990 valued as of 12-31-2008	265,677,322	200,475,983
(62) Losses for accident year 1990 valued as of 12-31-2009	264,550,849	202,147,241
(63) Losses for accident years prior to 1990 valued as of 12-31-2008	1,547,892,714	1,204,864,023
(64) Losses for accident years prior to 1990 valued as of 12-31-2009	1,549,874,291	1,207,351,604
(65) 19th-to-ultimate development factor = 1+[(62)-(61)+((64)-(63))/(60))/(61)	1.008	1.028
(66) 5-year average 19th-to-ultimate development factor ((13)+(26)+(39)+(52)+(65))/5	1.022	1.071

(1) through (5) and (7) include only information for matching companies for the 1988 through 1993 valuations.

(9) through (12) include only information for matching companies for the 2004 and 2005 valuations.

(14) through (18) and (20) include only information for matching companies for the 1989 through 1994 valuations.

(22) through (25) include only information for matching companies for the 2005 and 2006 valuations.

(27) through (31) and (33) include only information for matching companies for the 1990 through 1995 valuations.

(35) through (38) include only information for matching companies for the 2006 and 2007 valuations.

(40) through (44) and (46) include only information for matching companies for the 2002 through 2007 valuations.

(48) through (51) include only information for matching companies for the 2007 and 2008 valuations.

(53) through (57) and (59) include only information for matching companies for the 2003 through 2008 valuations.

(61) through (64) include only information for matching companies for the 2008 and 2009 valuations.

Accident year incurred including IBNR losses are used in the derivation of the 19th-to-ultimate factors shown above.

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section E - Accident Year Ratios

Accident Year Unlimited Paid+Case-to-Incurred Including IBNR Ratios at a 19th Report

<u>Accident</u> <u>Year</u>	<u>Indemnity Losses</u>			<u>Medical Losses</u>		
	<u>Paid+Case</u>	<u>Incl. IBNR</u>	<u>Ratio</u>	<u>Paid+Case</u>	<u>Incl. IBNR</u>	<u>Ratio</u>
1987	148,593,665	150,162,904	0.990	118,319,824	119,860,303	0.987
1988	188,995,595	190,502,671	0.992	151,978,770	153,523,675	0.990
1989	235,160,750	237,064,454	0.992	196,553,490	197,953,682	0.993
1990	262,597,351	266,062,259	0.987	198,029,993	201,032,157	0.985
1991	234,181,709	235,744,171	0.993	208,667,674	211,699,771	0.986
Average			0.991			0.988

Accident Year Limited Paid-to-Paid+Case Ratios at a 19th Report

<u>Accident</u> <u>Year</u>	<u>Indemnity Losses</u>			<u>Medical Losses</u>		
	<u>Paid</u>	<u>Paid+Case</u>	<u>Ratio</u>	<u>Paid</u>	<u>Paid+Case</u>	<u>Ratio</u>
1987	144,813,198	148,593,665	0.975	113,701,152	118,319,824	0.961
1988	185,103,952	188,995,595	0.979	146,177,333	151,978,770	0.962
1989	232,252,785	235,160,750	0.988	184,591,381	196,553,490	0.939
1990	258,183,438	262,597,351	0.983	192,845,193	198,029,993	0.974
1991	229,771,899	234,181,709	0.981	190,977,894	208,667,674	0.915
Average			0.981			0.950

Section F - Determination of Limited Paid+Case 19th-to-Ultimate Loss Development Factor

	<u>Indemnity</u>	<u>Medical</u>
(1) Unlimited Incurred 19th-to-Ultimate Loss Development Factor (Section D)	1.022	1.071
(2) Unlimited Paid+Case-to-Incurred Including IBNR Ratio (Section E)	0.991	0.988
(3) Unlimited Paid+Case 19th-to-Ultimate Loss Development Factor = (1)/(2)	1.031	1.084
(4) Factor to Adjust 19th-to-Ultimate Development Factor to a Limited Basis	0.859	0.859
(5) Limited Paid+Case 19th-to-Ultimate Loss Development Factor = ((3)-1)x(4)+1	1.027	1.072

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section G1 - Summary of Loss Development Factors - Paid

	(1) 1st/2nd	(2) 2nd/3rd	(3) 3rd/4th	(4) 4th/5th	(5) 5th/6th	(6) 6th/7th	(7) 7th/8th	(8) 8th/9th
Indemnity	2.078	1.402	1.167	1.083	1.057	1.033	1.024	1.015
Medical	1.333	1.117	1.063	1.046	1.026	1.020	1.018	1.015

	(9) 9th/10th	(10) 10th/11th	(11) 11th/12th	(12) 12th/13th	(13) 13th/14th	(14) 14th/15th	(15) 15th/16th	(16) 16th/17th
Indemnity	1.015	1.008	1.007	1.004	1.003	1.003	1.004	1.003
Medical	1.024	1.008	1.009	1.007	1.003	1.004	1.005	1.006

	(17) 17th/18th	(18) 18th/19th	(19) Ltd. P+C 19th/Ult Factor	(20) Ltd. Paid to P+C Factor	(21) 18th/Ult* ((19)/(20)) x((18))	(22) 17th/Ult (21)x(17)	(23) 16th/Ult (22)x(16)	(24) 15th/Ult (23)x(15)
Indemnity	1.004	1.002	1.027	0.981	1.048	1.052	1.055	1.059
Medical	1.006	1.004	1.072	0.950	1.131	1.138	1.145	1.151

	(25) 14th/Ult (24)x(14)	(26) 13th/Ult (25)x(13)	(27) 12th/Ult (26)x(12)	(28) 11th/Ult (27)x(11)	(29) 10th/Ult (28)x(10)	(30) 9th/Ult (29)x(9)	(31) 8th/Ult (30)x(8)	(32) 7th/Ult (31)x(7)
Indemnity	1.062	1.065	1.069	1.076	1.085	1.101	1.118	1.145
Medical	1.156	1.159	1.167	1.178	1.187	1.215	1.233	1.255

	(33) 6th/Ult (32)x(6)	(34) 5th/Ult (33)x(5)	(35) 4th/Ult (34)x(4)	(36) 3rd/Ult (35)x(3)	(37) 2nd/Ult (36)x(2)	(38) 1st/Ult (37)x(1)
Indemnity	1.183	1.250	1.354	1.580	2.215	4.603
Medical	1.280	1.313	1.373	1.459	1.630	2.173

* The 18th/19th link ratio is raised to the two-thirds power to remove the overlap with the AY 19th/Ult development factor.

NORTH CAROLINA

APPENDIX A-II

DETERMINATION OF LOSS DEVELOPMENT FACTORS

Section G2 - Summary of Loss Development Factors - Paid+Case

	(1) 1st/2nd	(2) 2nd/3rd	(3) 3rd/4th	(4) 4th/5th	(5) 5th/6th	(6) 6th/7th	(7) 7th/8th	(8) 8th/9th
Indemnity	1.373	1.153	1.073	1.040	1.023	1.014	1.007	1.005
Medical	1.093	1.026	1.007	1.015	1.002	1.015	0.998	1.012

	(9) 9th/10th	(10) 10th/11th	(11) 11th/12th	(12) 12th/13th	(13) 13th/14th	(14) 14th/15th	(15) 15th/16th	(16) 16th/17th
Indemnity	1.005	1.004	1.003	1.003	1.003	1.000	1.001	1.000
Medical	1.015	0.992	1.009	1.009	1.007	1.009	1.001	0.999

	(17) 17th/18th	(18) 18th/19th	(19) Ltd. P+C 19th/Ult Factor	(20) 18th/Ult* (19)x(18)	(21) 17th/Ult (20)x(17)	(22) 16th/Ult (21)x(16)	(23) 15th/Ult (22)x(15)	(24) 14th/Ult (23)x(14)
Indemnity	1.001	1.001	1.027	1.028	1.029	1.029	1.030	1.030
Medical	1.002	1.009	1.072	1.078	1.080	1.079	1.080	1.090

	(25) 13th/Ult (24)x(13)	(26) 12th/Ult (25)x(12)	(27) 11th/Ult (26)x(11)	(28) 10th/Ult (27)x(10)	(29) 9th/Ult (28)x(9)	(30) 8th/Ult (29)x(8)	(31) 7th/Ult (30)x(7)	(32) 6th/Ult (31)x(6)
Indemnity	1.033	1.036	1.039	1.043	1.048	1.053	1.060	1.075
Medical	1.098	1.108	1.118	1.109	1.126	1.140	1.138	1.155

	(33) 5th/Ult (32)x(5)	(34) 4th/Ult (33)x(4)	(35) 3rd/Ult (34)x(3)	(36) 2nd/Ult (35)x(2)	(37) 1st/Ult (36)x(1)
Indemnity	1.100	1.144	1.228	1.416	1.944
Medical	1.157	1.174	1.182	1.213	1.326

* The 18th/19th link ratio is raised to the two-thirds power to remove the overlap with the AY 19th/Ult development factor.

NORTH CAROLINA

APPENDIX A-II

LARGE LOSS LIMITS

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

(1) Threshold at the Midpoint of the Loss Cost Effective Period*	19,336,833
(2) Statewide Excess Ratio for (1)	0.005
(3) Market Share for Carriers Missing from Large Loss and Catastrophe Call	0.000
(4) Factor to Adjust Limited Losses to an Unlimited Basis = $1/\{1-[(2) \times (1-(3))]\}$	1.005

Section I - Policy Year Large Loss Limits

<u>Policy Year</u>	<u>Detrended Limit</u>
2008	17,719,766
2007	17,080,679
2006	16,480,531
2005	15,854,314
2004	15,292,561
2003	14,754,005
2002	14,305,226
2001	14,007,009
2000	13,664,973
1999	13,082,783
1998	12,448,784
1997	11,819,783
1996	11,200,833
1995	10,692,009
1994	10,251,207
1993	9,889,633
1992	9,643,414
1991	9,240,742
1990	8,804,854

* March 21, 2012 is the midpoint of the effective period for which the revised pure premiums are being proposed.

NORTH CAROLINA

APPENDIX A-III

POLICY YEAR TREND

Section A - Summary of Annual Trends

	<u>Indemnity</u>		<u>Medical</u>	
Filed trends for North Carolina effective 4/1/2010	0.985	(-1.5%)	1.005	(+0.5%)
Indicated countrywide annual trend	0.960	(-4.0%)	0.996	(-0.4%)
Indicated annual trend based on claim frequency*	0.978	(-2.2%)	0.978	(-2.2%)
Indicated annual trend based on paid claim severity*	1.012	(+1.2%)	1.030	(+3.0%)
Indicated annual trend based on paid+case claim severity*	1.002	(+0.2%)	1.022	(+2.2%)
Indicated annual trend based on paid loss ratios*	0.990	(-1.0%)	1.007	(+0.7%)
Indicated annual trend based on paid+case loss ratios*	0.980	(-2.0%)	0.999	(-0.1%)
Selected annual trend	0.985	(-1.5%)	1.005	(+0.5%)
Years from the midpoint of the experience period to the midpoint of the proposed period				
Policy year 2008	3.313		3.313	
Policy year 2007	4.313		4.313	
Trend impact on				
Policy year 2008	0.951		1.017	
Policy year 2007	0.937		1.022	

* Based on an eight-point exponential trend model.

NORTH CAROLINA

APPENDIX A-III

POLICY YEAR TREND

Section B -Summary of Data Points Underlying Trend Analysis

<u>Policy Year</u>	<u>Paid Indemnity Loss Ratio</u>	<u>Paid Medical Loss Ratio</u>	<u>Paid+Case Indemnity Loss Ratio</u>	<u>Paid+Case Medical Loss Ratio</u>	<u>Claim Frequency</u>	<u>Paid Indemnity Avg. Cost Per Case</u>	<u>Paid Medical Avg. Cost Per Case</u>	<u>Paid+Case Indemnity Avg. Cost Per Case</u>	<u>Paid+Case Medical Avg. Cost Per Case</u>
2001	0.524	0.391	0.519	0.387	14.1	37,145	27,723	36,793	27,428
2002	0.507	0.401	0.501	0.404	13.8	36,647	28,923	36,217	29,189
2003	0.501	0.402	0.496	0.409	13.7	36,429	29,218	36,033	29,738
2004	0.503	0.440	0.495	0.448	13.5	37,246	32,560	36,651	33,203
2005	0.474	0.422	0.469	0.414	13.0	36,391	32,539	36,074	31,934
2006	0.461	0.412	0.457	0.404	12.6	36,602	32,703	36,267	32,099
2007	0.497	0.418	0.469	0.397	12.6	39,592	33,290	37,366	31,614
2008	0.494	0.411	0.445	0.395	12.1	40,837	33,966	36,774	32,640

NORTH CAROLINA
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Loss Ratio Trend Supporting Information
Financial Data is Valued as of December 31, 2009

Section C - Premium

Policy Year	(1) Policy Year Premium	(2) Premium Devel Factor	(3) Ultimate Premium (1) x (2)	(4) On-level Factor	(5) On-level Devel Prem (3) x (4)
2001	658,879,115	xxx	658,879,115	1.006	662,832,390
2002	715,684,731	xxx	715,684,731	0.981	702,086,721
2003	794,980,788	xxx	794,980,788	0.972	772,721,326
2004	855,193,583	xxx	855,193,583	0.978	836,379,324
2005	935,118,788	1.001	936,053,907	0.968	906,100,182
2006	1,049,034,430	1.002	1,051,132,499	0.913	959,683,972
2007	1,187,977,926	1.002	1,190,353,882	0.854	1,016,562,215
2008	1,138,191,380	1.009	1,148,435,102	0.838	962,388,615

Section D - Paid Loss Ratios

Policy Year	(1) Paid Indemnity Losses	(2) Loss Devel Factor	(3) Ultimate Ind. Loss (1) x (2)	(4) On-level Factor	(5) On-level Devel Ind. Loss (3) x (4)	(6) Paid Ind. Loss Ratio (5)/[Section C (5)]
2001	295,242,189	1.118	330,080,767	1.052	347,244,967	0.524
2002	298,014,295	1.145	341,226,368	1.044	356,240,328	0.507
2003	316,223,479	1.183	374,092,376	1.035	387,185,609	0.501
2004	327,933,552	1.250	409,916,940	1.027	420,984,697	0.503
2005	309,537,317	1.354	419,113,527	1.025	429,591,365	0.474
2006	274,635,122	1.580	433,923,493	1.020	442,601,963	0.461
2007	225,341,551	2.215	499,131,535	1.013	505,620,245	0.497
2008	102,346,869	4.603	471,102,638	1.009	475,342,562	0.494

Policy Year	(7) Paid Medical Losses	(8) Loss Devel Factor	(9) Ultimate Med. Loss (7) x (8)	(10) On-level Factor	(11) On-level Devel Med. Loss (9) x (10)	(12) Paid Med. Loss Ratio (11)/[Section C (5)]
2001	210,239,854	1.233	259,225,740	1.000	259,225,740	0.391
2002	224,093,956	1.255	281,237,915	1.000	281,237,915	0.401
2003	242,537,276	1.280	310,447,713	1.000	310,447,713	0.402
2004	280,434,236	1.313	368,210,152	1.000	368,210,152	0.440
2005	278,775,569	1.373	382,758,856	1.000	382,758,856	0.422
2006	271,052,910	1.459	395,466,196	1.000	395,466,196	0.412
2007	260,728,154	1.630	424,986,891	1.000	424,986,891	0.418
2008	181,944,386	2.173	395,365,151	1.000	395,365,151	0.411

NORTH CAROLINA
APPENDIX A-III
Loss Ratio Trend Supporting Information
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Section E - Paid+Case Loss Ratios

Policy Year	(1) Paid+Case Indemnity Losses	(2) Loss Devel Factor	(3) Ultimate Ind. Loss (1) x (2)	(4) On-level Factor	(5) On-level Devel Ind. Loss (3) x (4)	(6) Paid+Case Ind. Loss Ratio (5)/[Section C (5)]
2001	310,493,376	1.053	326,949,525	1.052	343,950,900	0.519
2002	318,133,801	1.060	337,221,829	1.044	352,059,589	0.501
2003	344,208,113	1.075	370,023,721	1.035	382,974,551	0.496
2004	366,385,181	1.100	403,023,699	1.027	413,905,339	0.495
2005	362,667,374	1.144	414,891,476	1.025	425,263,763	0.469
2006	350,029,324	1.228	429,836,010	1.020	438,432,730	0.457
2007	332,675,031	1.416	471,067,844	1.013	477,191,726	0.469
2008	218,227,092	1.944	424,233,467	1.009	428,051,568	0.445

Policy Year	(7) Paid+Case Medical Losses	(8) Loss Devel Factor	(9) Ultimate Med. Loss (7) x (8)	(10) On-level Factor	(11) On-level Devel Med. Loss (9) x (10)	(12) Paid+Case Med. Loss Ratio (11)/[Section C (5)]
2001	224,970,658	1.140	256,466,550	1.000	256,466,550	0.387
2002	249,404,631	1.138	283,822,470	1.000	283,822,470	0.404
2003	273,572,482	1.155	315,976,217	1.000	315,976,217	0.409
2004	324,117,659	1.157	375,004,131	1.000	375,004,131	0.448
2005	319,502,424	1.174	375,095,846	1.000	375,095,846	0.414
2006	328,252,401	1.182	387,994,338	1.000	387,994,338	0.404
2007	332,718,930	1.213	403,588,062	1.000	403,588,062	0.397
2008	286,524,703	1.326	379,931,756	1.000	379,931,756	0.395

NORTH CAROLINA
APPENDIX A-III
Frequency and Severity Trend Supporting Information
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Section F - Claim Frequency

	(1)	(2)	(3) =(1)x(2)	(4)	(5)	(6) =(4)x(5)	(7)	(8)	(9) =(6)x(7)x(8) On-level Devel Prem Adj to 2008 Wage Level	(10) =(3)/(9) Claim Freq Per Million of On-level Premium
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Policy Year Premium	Premium Devel Factor	Ultimate Premium	On-level Factor	Factor to Adjust to 2008 Wage Levels		
2001	11,632	1.000	11,632	658,879,115	1.000	658,879,115	1.006	1.244	824,257,773	14.1
2002	11,853	1.000	11,853	715,684,731	1.000	715,684,731	0.981	1.219	855,958,938	13.8
2003	12,559	1.000	12,559	794,980,788	1.000	794,980,788	0.972	1.182	913,432,925	13.7
2004	12,771	1.000	12,771	846,883,017	1.000	846,883,017	0.978	1.140	944,274,564	13.5
2005	12,731	1.001	12,744	917,140,375	1.001	918,057,515	0.968	1.100	977,731,253	13.0
2006	12,737	1.002	12,762	1,046,835,549	1.002	1,048,929,220	0.913	1.058	1,013,265,627	12.6
2007	13,046	1.005	13,111	1,187,977,926	1.002	1,190,353,882	0.854	1.027	1,043,940,355	12.6
2008	11,268	1.033	11,640	1,138,191,380	1.009	1,148,435,102	0.838	1.000	962,388,615	12.1

Section G - Paid Severity

	(1)	(2)	(3) =(1)x(2)	(4)	(5)	(6) =(4)x(5)	(7)	(8)	(9) =(6)x(7)x(8) On-level Devel Indemnity Losses Adj to 2008 Wage Level	(10) =(9)/(3) Indemnity Average Claim Severity
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid Indemnity Losses	Paid Indemnity LDF	Ultimate Indemnity Losses	On-level Factor	Factor to Adjust to 2008 Wage Levels		
2001	11,632	1.000	11,632	295,242,189	1.118	330,080,767	1.052	1.244	432,075,724	37,145
2002	11,853	1.000	11,853	298,014,295	1.145	341,226,368	1.044	1.219	434,381,166	36,647
2003	12,559	1.000	12,559	316,223,479	1.183	374,092,376	1.035	1.182	457,514,976	36,429
2004	12,771	1.000	12,771	324,965,536	1.250	406,206,920	1.027	1.140	475,668,303	37,246
2005	12,731	1.001	12,744	303,645,229	1.354	411,135,640	1.025	1.100	463,761,002	36,391
2006	12,737	1.002	12,762	273,997,310	1.580	432,915,750	1.020	1.058	467,116,094	36,602
2007	13,046	1.005	13,111	225,341,551	2.215	499,131,535	1.013	1.027	519,096,796	39,592
2008	11,268	1.033	11,640	102,346,869	4.603	471,102,638	1.009	1.000	475,342,562	40,837

	(11)	(12)	(13) =(11)x(12)	(14)	(15)	(16) =(14)x(15)	(17)	(18)	(19) =(16)x(17)x(18) On-level Devel Medical Losses Adj to 2008 Wage Level	(20) =(19)/(13) Medical Average Claim Severity
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid Medical Losses	Paid Medical LDF	Ultimate Medical Losses	On-level Factor	Factor to Adjust to 2008 Wage Levels		
2001	11,632	1.000	11,632	210,239,854	1.233	259,225,740	1.000	1.244	322,476,821	27,723
2002	11,853	1.000	11,853	224,093,956	1.255	281,237,915	1.000	1.219	342,829,018	28,923
2003	12,559	1.000	12,559	242,537,276	1.280	310,447,713	1.000	1.182	366,949,197	29,218
2004	12,771	1.000	12,771	277,804,560	1.313	364,757,387	1.000	1.140	415,823,421	32,560
2005	12,731	1.001	12,744	274,562,959	1.373	376,974,943	1.000	1.100	414,672,437	32,539
2006	12,737	1.002	12,762	270,376,643	1.459	394,479,522	1.000	1.058	417,359,334	32,703
2007	13,046	1.005	13,111	260,728,154	1.630	424,986,891	1.000	1.027	436,461,537	33,290
2008	11,268	1.033	11,640	181,944,386	2.173	395,365,151	1.000	1.000	395,365,151	33,966

NORTH CAROLINA
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Frequency and Severity Trend Supporting Information
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Section H - Paid+Case Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			= (1)x(2)			= (4)x(5)			= (6)x(7)x(8)	= (9)/(3)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid+Case Indemnity Losses	Paid+Case Indemnity LDF	Ultimate Indemnity Losses	On-level Factor	Factor to Adjust to 2008 Wage Levels	Devel Indemnity Losses Adj to 2008 Wage Level	Indemnity Average Claim Severity
2001	11,632	1.000	11,632	310,493,376	1.053	326,949,525	1.052	1.244	427,976,928	36,793
2002	11,853	1.000	11,853	318,133,801	1.060	337,221,829	1.044	1.219	429,283,388	36,217
2003	12,559	1.000	12,559	344,208,113	1.075	370,023,721	1.035	1.182	452,539,011	36,033
2004	12,771	1.000	12,771	363,377,500	1.100	399,715,250	1.027	1.140	468,066,558	36,651
2005	12,731	1.001	12,744	356,261,205	1.144	407,562,819	1.025	1.100	459,730,860	36,074
2006	12,737	1.002	12,762	349,305,047	1.228	428,946,598	1.020	1.058	462,833,379	36,267
2007	13,046	1.005	13,111	332,675,031	1.416	471,067,844	1.013	1.027	489,910,558	37,366
2008	11,268	1.033	11,640	218,227,092	1.944	424,233,467	1.009	1.000	428,051,568	36,774
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
			= (11)x(12)			= (14)x(15)			= (16)x(17)x(18)	= (19)/(13)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid+Case Medical Losses	Paid+Case Medical LDF	Ultimate Medical Losses	On-level Factor	Factor to Adjust to 2008 Wage Levels	Devel Medical Losses Adj to 2008 Wage Level	Medical Average Claim Severity
2001	11,632	1.000	11,632	224,970,658	1.140	256,466,550	1.000	1.244	319,044,388	27,428
2002	11,853	1.000	11,853	249,404,631	1.138	283,822,470	1.000	1.219	345,979,591	29,189
2003	12,559	1.000	12,559	273,572,482	1.155	315,976,217	1.000	1.182	373,483,888	29,738
2004	12,771	1.000	12,771	321,486,852	1.157	371,960,288	1.000	1.140	424,034,728	33,203
2005	12,731	1.001	12,744	315,134,651	1.174	369,968,080	1.000	1.100	406,964,888	31,934
2006	12,737	1.002	12,762	327,574,100	1.182	387,192,586	1.000	1.058	409,649,756	32,099
2007	13,046	1.005	13,111	332,718,930	1.213	403,588,062	1.000	1.027	414,484,940	31,614
2008	11,268	1.033	11,640	286,524,703	1.326	379,931,756	1.000	1.000	379,931,756	32,640

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APPENDIX A-IV

NCCI maintains several data reporting initiatives and programs to assist carriers to report data and to ensure that the data that is reported to NCCI is complete, accurate, and reported in a timely fashion. Occasionally, a particular carrier's data submission is not available for use in a filing either because the data was not reported prior to the filing, was not accurate, or NCCI determined that the data that was reported should not be included in the filing based on NCCI's actuarial judgment. All carriers writing more than one-tenth of one percent of the North Carolina workers compensation written premium volume and whose data is not included in this filing are listed below. The listing is separated between policy years 2008 and 2007 aggregate data.

Carriers not included in policy year experience valued as of December 31, 2009

<u>Policy Year 2008</u>	
<u>Name of Carrier</u>	<u>Percentage of Premium Volume</u>
First Benefits Insurance Mutual Inc.	0.5%

<u>Policy Year 2007</u>	
<u>Name of Carrier</u>	<u>Percentage of Premium Volume</u>
None	

Note: Figures are based on 2008 and 2007 data from the NAIC.

NORTH CAROLINA
APPENDIX A-V

Derivation of Industry Group Differentials

Industry group differentials are used to more equitably distribute the overall premium level change based on the individual experience of each industry group.

Wage trend adjustments are calculated to account for the change in industry group wages relative to the change in medical losses. The converted indicated losses used to calculate these adjustments are the losses from the Workers Compensation Statistical Plan. These losses are limited to \$500,000 for single claim occurrence and \$1,500,000 for each multiple claim occurrence. These limited losses are then adjusted to an ultimate unlimited basis through the application of limited development and an expected excess provision, and brought to the proposed experience, law and loss-based expense levels.

The indicated losses, column (8), are the converted indicated losses further adjusted for trend and the change in overall off balance for experience rating; the adjustments are shown in Appendix B-I, Sections A-1 through A-3. The expected losses (13) are at the same proposed level as the indicated losses and contain a change in industry group off balance. An adjustment to convert the proposed expected losses to reflect current relativities (15) is used to calculate the indicated to expected ratio (16). The indicated differential (17) reflects the indicated losses at a proposed level to expected losses with relativities of the current level to correctly distribute the proposed changes on an industry group basis.

In the calculation of the credibility weighted differentials, the ratios of indicated losses to expected losses by industry group (modified by the wage trend adjustments), column (18), are credibility weighted with the statewide ratio. The credibility is based on lost-time claim counts, column (19). The full credibility standard, column (20), is 12,000 lost-time claims for each industry group. Partial credibility is calculated using the square root of the ratio of the actual lost-time claim counts and the number of lost-time claim counts required for full credibility. The statewide credibility weighted ratio (22) is rebalanced using the latest year expected losses to ensure that the overall premium level change is achieved.

I. INDUSTRY GROUP WAGE TREND ADJUSTMENT

Industry Group	(1) Converted Indicated Indemnity Losses*	(2) Converted Indicated Medical Losses*	(3) Converted Indicated Total Losses* (1)+(2)	(4) QCEW Average Weekly Wage Trend	(5) Wage Trend Differential (4)SW/(4)IG	(6) Medical Loss Wage Trend Adjustment [(1)+(2)x(5)]/(3)	(7) Normalized Medical Loss Wage Trend Adjustment
Manufacturing	940,703,879	872,833,545	1,813,537,424	1.096	0.996	0.998	0.998
Contracting	1,193,809,404	1,225,035,931	2,418,845,335	1.105	0.988	0.994	0.994
Off. & Cler.	485,101,854	487,113,742	972,215,596	1.103	0.990	0.995	0.995
Goods and Srv.	1,179,131,187	1,243,263,986	2,422,395,173	1.076	1.015	1.008	1.008
Miscellaneous	742,935,592	607,401,976	1,350,337,568	1.080	1.011	1.005	1.005
Statewide	4,541,681,915	4,435,649,181	8,977,331,096	1.092		1.000	

*These converted indicated losses are prior to the application of trend.

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APPENDIX A-V

II. INDICATED AND EXPECTED LOSSES

Industry Group	(8) Converted Indicated Balanced Losses	(9) Current Ratio of Manual to Standard Premium	(10) Proposed Ratio of Manual to Standard Premium	(11) Latest Year Current Expected Losses	(12) Five Year Current Expected Losses	(13) Five Year Proposed Expected Losses	(14) Current/ Proposed (12)/(13)	(15) Adjustment to Proposed for Current Relativity (14)IG/(14)SW
Manufacturing	1,429,569,760	1.089	1.093	300,009,467	1,396,895,053	1,412,265,166	0.989	1.000
Contracting	1,915,393,484	1.098	1.087	423,251,553	1,907,275,023	1,928,104,791	0.989	1.000
Off. & Cler.	768,320,593	1.084	1.093	187,651,284	797,007,910	805,693,960	0.989	1.000
Goods and Srv.	1,924,647,067	1.003	1.013	436,933,604	1,877,127,125	1,897,547,768	0.989	1.000
Miscellaneous	1,060,892,763	1.058	1.067	241,649,642	1,045,985,813	1,057,635,008	0.989	1.000
Statewide	7,098,823,667			1,589,495,550	7,024,290,924	7,101,246,693	0.989	

III. INDUSTRY GROUP DIFFERENTIALS

Industry Group	(16) Indicated/Expected Ratio (8)/[(13)x(15)]	(17) Indicated Differential (w/o Wage Trend) (16)IG/(16)SW	(18) Indicated/ Expected Ratio (w/ Wage Trend) (7)x(17)	(19) Lost-Time Claim Counts	(20) Full Credibility Standard for Lost- Time Claim Counts	(21) Credibility Minimum of 1.000 and ((19)/(20))^0.5	(22) Credibility Weighted Indicated/ Expected Ratio	(23) Normalized Credibility Weighted Indicated/ Expected Ratio (22)IG/(22)SW*	(24) Final Industry Group Differential
Manufacturing	1.012	1.012	1.010	22,307	12,000	1.000	1.010	1.010	1.010
Contracting	0.993	0.993	0.987	19,089	12,000	1.000	0.987	0.987	0.987
Off. & Cler.	0.954	0.954	0.949	12,485	12,000	1.000	0.949	0.949	0.949
Goods and Srv.	1.014	1.014	1.022	34,240	12,000	1.000	1.022	1.022	1.022
Miscellaneous	1.003	1.003	1.008	12,497	12,000	1.000	1.008	1.008	1.008
Statewide	1.000		1.000				1.000		1.000

*Statewide ratio (column 22) = $\Sigma_{IG}((11)x(22)) \div \Sigma_{IG}(11)$

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APPENDIX A-V

Industry Group Differentials - Supporting Documentation

The below documentation is intended as additional supporting material for the calculation of the industry group differentials shown in Appendix A-V of the North Carolina loss cost filing proposed effective April 1, 2011.

Appendix A-V - columns (1), (2), and (8)

"Unadjusted" losses were collected under the data submission rules of NCCI's Workers Compensation Statistical Plan (WCSP) and are summed by industry group over the most recent five policy periods separately for both indemnity and medical.

Please refer to Appendix B-I, Section A of the loss cost filing for an explanation and documentation of the adjustments applied to these "unadjusted" losses to arrive at the "converted" losses in columns (1) and (2).

The "unadjusted" WCSP data underlying the indicated losses in column (8) of Appendix A-V is the same as that underlying the "converted" losses in columns (1) and (2).

The indicated losses in column (8) are the total "converted" losses in column (3) further adjusted by policy period for (i) trend and (ii) experience rating plan off-balance and the balancing of indicated losses to expected losses (see Appendix B-I, Section A-I through A-3).

Appendix A-V - column (4)

A trend line fit to historical North Carolina average weekly wage data over the most recent six years is the starting point in the calculation of the figures in column (4) of Appendix A-V. The wage data is based on that received from the Quarterly Census of Employment and Wages (QCEW).

The figures shown in Appendix A-V are full trends over the period of time from the midpoint of the five WCSP policy periods used in the loss cost calculation (1/03 through 12/07) to the midpoint of the most recent calendar year (2009).

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APPENDIX A-V

Appendix A-V - columns (9) and (10)

The figures in these columns of Appendix A-V reflect the current and proposed manual to earned ratios based on the reported WCSP payroll and manual premium data reported to NCCI.

Appendix A-V - columns (11), (12), and (13)

The one-year current expected losses in column (11) are those losses expected during the most recent WCSP policy period. These losses are derived by multiplying the current approved underlying pure premiums by both payroll in hundreds (for the latest policy period) and the current ratio of manual to earned (Appendix A-V, column (9)) and dividing by the proposed ratio of manual to earned (Appendix A-V, column (10)).

One-year current expected losses for each of the latest five policy periods are then calculated and summed to arrive at the five-year current expected losses in column (12).

The only difference between the five-year expected losses in columns (12) and (13) is that the current underlying pure premiums are brought to the proposed level for column (13). Please see Appendix B-I, Section B for documentation.

Appendix A-V - columns (18) through (22)

In the calculation of the credibility-weighted differentials, the ratios of indicated losses to expected losses by industry group (modified by the wage trend adjustments), column (18), are credibility weighted with the statewide ratio. The credibility is based on lost-time claim counts, column (19). The full credibility standard, column (20), is 12,000 lost-time claims for each industry group. Partial credibility is calculated using the square root of the ratio of the actual lost-time claim counts and the number of lost-time claim counts required for full credibility. The statewide credibility-weighted ratio (22) is rebalanced using the latest year expected losses to ensure that the overall pure premium level change is achieved.

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APPENDIX B-I

Distribution of Pure Premium Level Change to Occupational Classification

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

Section A – Calculation of Indicated Pure Premiums

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

Section A-1 – Calculation of Primary Conversion Factors

1. Limited Loss Development Factors

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

Policy Period	Indemnity		Medical	
	Likely-to-Develop	Not-Likely-to-Develop	Likely-to-Develop	Not-Likely-to-Develop
1/03-12/03	1.148	1.044	1.307	1.056
1/04-12/04	1.207	1.068	1.331	1.061
1/05-12/05	1.341	1.116	1.402	1.063
1/06-12/06	1.655	1.248	1.502	1.072
1/07-12/07	2.638	1.605	1.753	1.105

2. Factors to Adjust to the Proposed Trend Level

The proposed trend factors are applied to adjust the indicated pure premiums to the proposed level.

Policy Period	Indemnity	Medical
1/03-12/03	0.882	1.042
1/04-12/04	0.895	1.037
1/05-12/05	0.909	1.032
1/06-12/06	0.923	1.027
1/07-12/07	0.937	1.022

3. Factors to Adjust to the 1/1/2011 Benefit Level

The factors in the following table are applied to adjust the statistical plan losses to the proposed benefit level.

Policy Period	Fatal	Permanent Total (P.T.)	Permanent Partial (P.P.)	Temporary Total (T.T.)	Medical
1/03-12/03	1.048	1.049	1.037	1.049	1.000
1/04-12/04	1.039	1.040	1.029	1.040	1.000
1/05-12/05	1.036	1.037	1.027	1.037	1.000
1/06-12/06	1.031	1.032	1.023	1.032	1.000
1/07-12/07	1.022	1.023	1.016	1.023	1.000

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4. Primary Conversion Factors: Indicated Pure Premiums

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

Policy Period	Fatal (L)	Fatal (NL)	P.T.*	P.P.(L)	P.P. (NL)	T.T. (L)	T.T. (NL)	Medical (L)	Medical (NL)
1/03-12/03	1.061	0.965	1.062	1.050	0.955	1.062	0.966	1.362	1.100
1/04-12/04	1.122	0.993	1.123	1.112	0.984	1.123	0.994	1.380	1.100
1/05-12/05	1.263	1.051	1.264	1.252	1.042	1.264	1.052	1.447	1.097
1/06-12/06	1.575	1.188	1.576	1.563	1.178	1.576	1.189	1.543	1.101
1/07-12/07	2.526	1.537	2.529	2.511	1.528	2.529	1.538	1.792	1.129

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

Section A-2 – Expected Excess Provision and Redistribution

After the application of the primary conversion factors, the limited losses are brought to an expected unlimited level through the application of excess loss factors by hazard group. These factors are shown below.

Hazard Group	A	B	C	D	E	F	G
(1) Excess Ratios	0.130	0.165	0.194	0.220	0.257	0.315	0.391
(2) Excess Factors 1/(1-(1))	1.150	1.198	1.241	1.282	1.346	1.459	1.641

As the excess loss factors are on a combined (indemnity and medical) basis, a portion (0.400) of the indemnity expected excess losses are redistributed to medical in order to more accurately allocate expected excess losses. Since a portion of the expected excess losses are redistributed in an additive manner, the expected excess factors shown above cannot be combined multiplicatively with either the primary or secondary loss conversion factors.

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Section A-3 – Calculation of Secondary Conversion Factors

1. Factors to Adjust for Proposed Industry Group Differentials

The following factors are applied to adjust the indicated industry group differentials for normalized wage trend, the effect of credibility weighting of the industry group differentials, and weighting the differentials by the latest year expected losses.

	Manufacturing	Contracting	Office and Clerical	Goods and Services	Miscellaneous
(1) Indicated Differentials*	1.012	0.993	0.954	1.014	1.003
(2) Final Differentials**	1.010	0.987	0.949	1.022	1.008
(3) Adjustment (2)/(1)	0.998	0.994	0.995	1.008	1.005

*See Appendix A-V, column (17).

**See Appendix A-V, column (24).

2. Factors to Balance Indicated to Expected Losses

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

Policy Period	(1) Adjustment of Indicated Losses to Pure Premium at Proposed Level	(2) Current Ratio of Manual to Standard Premium	(3) Proposed Ratio of Manual to Standard Premium	(4) Off-balance Adjustment (2)/(3)	(5) Balancing Indicated to Expected Losses (1)x(4)
1/03-12/03	0.791	1.063	1.065	0.998	0.789
1/04-12/04	0.796	1.063	1.056	1.007	0.802
1/05-12/05	0.815	1.064	1.063	1.001	0.816
1/06-12/06	0.847	1.063	1.063	1.000	0.847
1/07-12/07	0.860	1.062	1.083	0.981	0.844

3. Adjustment for Experience Change

A factor of 1.006 is applied to adjust for the experience change in the proposed loss cost level.

4. Factor to Reflect the Proposed Loss Adjustment Expenses

A factor of 1.165 is applied to include the proposed loss adjustment expense.

5. Secondary Conversion Factors: Indicated Pure Premiums

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

Policy Period	Manufacturing	Contracting	Office and Clerical	Goods and Services	Miscellaneous
1/03-12/03	0.922	0.918	0.919	0.931	0.928
1/04-12/04	0.937	0.933	0.934	0.947	0.944
1/05-12/05	0.953	0.950	0.951	0.963	0.960
1/06-12/06	0.990	0.986	0.987	1.000	0.997
1/07-12/07	0.986	0.982	0.983	0.996	0.993

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APPENDIX B-I

Section B – Calculation of Present on Rate Level Pure Premiums

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

1. Adjustment for Experience Change

A factor of 1.006 is applied to adjust for the experience change in the proposed loss cost level.

2. Factors to Adjust to the Proposed Trend Level

The pure premiums underlying current loss costs contain the current trend. The change in trend is applied to adjust to the proposed trend level.

	Indemnity	Medical
(1) Current Trend	0.943	1.019
(2) Proposed Trend	0.943	1.019
(3) Change in Trend (2)/(1)	1.000	1.000

3. Factors to Adjust to the 1/1/2011 Benefit Level

The pure premiums underlying current loss costs are at the current 1/1/2010 level. The following factors are applied to adjust to the proposed benefit level.

Effective Date	Indemnity	Medical
January 1, 2011	1.003	1.000

4. Factors to Include the Proposed Loss Adjustment Expense Provisions

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

	(a) Current		(b) Proposed	
	Indemnity	Medical	Indemnity	Medical
(1) Loss Adjustment Expense	1.160	1.160	1.165	1.165
(2) Overall Change (1b)/(1a)			1.004	1.004

5. Adjustment to Obtain Expected Losses

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

Industry Group	(1) Current Ratio of Manual to Standard Premium	(2) Proposed Ratio of Manual to Standard Premium	(3) Off-balance Adjustment (1)/(2)
Manufacturing	1.089	1.093	0.996
Contracting	1.098	1.087	1.010
Office & Clerical	1.084	1.093	0.992
Goods & Services	1.003	1.013	0.990
Miscellaneous	1.058	1.067	0.992

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6. Factors to Adjust for Proposed Industry Group Differentials

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

Industry Group	(1) Final Differential*	(2) Adjustment to Proposed for Current Relativities**	(3) Adjusted Differential (1)x(2)
Manufacturing	1.010	1.000	1.010
Contracting	0.987	1.000	0.987
Office & Clerical	0.949	1.000	0.949
Goods & Services	1.022	1.000	1.022
Miscellaneous	1.008	1.000	1.008

*See Appendix A-V, column (24).

**See Appendix A-V, column (15).

7. Combined Conversion Factors

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

Industry Group	Indemnity	Medical
Manufacturing	1.019	1.015
Contracting	1.010	1.006
Office & Clerical	0.954	0.950
Goods & Services	1.025	1.021
Miscellaneous	1.013	1.009

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Section C – Calculation of National Pure Premiums

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

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

Section D – Calculation of Derived by Formula Pure Premiums

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

As for the preceding pure premiums, separate computations are performed for each partial pure premium: indemnity and medical. Each partial formula pure premium is derived by the weighting of the indicated, present on rate level and national partial pure premiums. The weight assigned to the policy year indicated pure premium varies in one percent intervals from zero percent to one hundred percent, depending upon the volume of expected losses (i.e. the product of the underlying pure premiums and the payroll in hundreds). To achieve full state credibility, a classification must have expected losses of at least: \$28,732,617 for indemnity, and \$14,774,496 for medical.

The partial credibilities formula is:

$$z = [(\text{expected losses}) / (\text{full credibility standard})]^{0.4}$$

For the national pure premiums, credibility is determined from the number of lost-time claims. Full credibility standards are: 1,150 lost-time claims for indemnity; and 1,000 lost-time claims for medical.

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

National Credibility = the smaller of
 $[(\text{national cases}) / (\text{full credibility standard})]^{0.4}$ and $[(1 - \text{state credibility}) / 2]$

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

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

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

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APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 0005		FARM: NURSERY EMPLOYEES & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	73,073,538	6	144,607	32	256,757	137,900	517,283	1,056,547	1.45
1/04 through 12/04	79,382,880	12	898,062	18	189,080	1,550,631	420,453	3,058,226	3.85
1/05 through 12/05	81,230,683	9	860,882	29	278,582	1,849,045	608,615	3,597,124	4.43
1/06 through 12/06	88,682,286	5	426,105	41	909,012	503,136	843,004	2,681,257	3.02
1/07 through 12/07	93,997,024	7	778,353	22	701,937	476,979	708,013	2,665,282	2.84
5 YR. TOTAL	416,366,411	39	3,108,009	142	2,335,368	4,517,691	3,097,368	13,058,436	3.14
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		51%	1.307	77%	1.829	3.14			
Pure Premium Indicated by National Relativity		24%	1.313	11%	1.638	2.95			
Pure Premium Present on Rate Level		25%	1.288	12%	1.871	3.16			
Pure Premium Derived by Formula		1.304		1.813		3.12			

CLASS 0008		FARM: GARDENING-MARKET OR TRUCK-& DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	29,098,840	0	0	7	17,854	0	108,825	126,679	0.44
1/04 through 12/04	31,502,251	4	374,624	5	50,733	372,637	177,837	975,831	3.10
1/05 through 12/05	31,206,881	1	3,557	5	36,799	645	167,386	208,387	0.67
1/06 through 12/06	31,889,018	3	701,734	7	283,007	116,560	335,982	1,437,283	4.51
1/07 through 12/07	37,443,682	1	79,727	7	90,901	133,480	298,883	602,991	1.61
5 YR. TOTAL	161,140,672	9	1,159,642	31	479,294	623,322	1,088,913	3,351,171	2.08
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	1.017	44%	1.063	2.08			
Pure Premium Indicated by National Relativity		33%	1.134	28%	1.494	2.63			
Pure Premium Present on Rate Level		34%	1.122	28%	1.169	2.29			
Pure Premium Derived by Formula		1.091		1.213		2.30			

CLASS 0016		FARM - ORCHARD OR GROVE & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	978,966	0	0	1	838	0	2,262	3,100	0.32
1/04 through 12/04	1,055,333	0	0	0	0	0	4,969	4,969	0.47
1/05 through 12/05	1,079,365	0	0	0	0	0	6,974	6,974	0.65
1/06 through 12/06	1,461,182	0	0	2	123,216	0	682,317	805,533	55.13
1/07 through 12/07	1,820,472	0	0	0	0	0	5,671	5,671	0.31
5 YR. TOTAL	6,395,318	0	0	3	124,054	0	702,193	826,247	12.92
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	1.940	20%	10.980	12.92			
Pure Premium Indicated by National Relativity		43%	2.269	40%	2.785	5.05			
Pure Premium Present on Rate Level		44%	2.860	40%	4.186	7.05			
Pure Premium Derived by Formula		2.486		4.984		7.47			

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

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CLASS 0034		FARM: POULTRY OR EGG PRODUCER & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	49,056,713	5	162,096	10	188,276	111,701	140,813	602,886	1.23
1/04 through 12/04	44,125,490	7	503,485	13	277,311	338,202	418,645	1,537,643	3.48
1/05 through 12/05	55,571,093	8	207,451	26	263,329	209,898	710,864	1,391,542	2.50
1/06 through 12/06	52,472,622	11	1,515,230	17	255,222	1,401,079	347,111	3,518,642	6.71
1/07 through 12/07	63,372,634	5	443,821	21	376,696	199,687	712,152	1,732,356	2.73
5 YR. TOTAL	264,598,552	36	2,832,083	87	1,360,834	2,260,567	2,329,585	8,783,069	3.32
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		46%	1.585	63%	1.735	3.32			
Pure Premium Indicated by National Relativity		27%	1.597	18%	2.162	3.76			
Pure Premium Present on Rate Level		27%	1.571	19%	1.784	3.36			
Pure Premium Derived by Formula		1.584		1.821		3.41			

CLASS 0035		FARM: FLORIST & DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	30,051,386	0	0	14	255,143	0	327,611	582,754	1.94
1/04 through 12/04	33,947,740	3	132,926	8	47,308	398,790	156,446	735,470	2.17
1/05 through 12/05	40,325,043	2	99,609	15	287,768	23,236	635,877	1,046,490	2.60
1/06 through 12/06	30,402,457	3	82,032	11	160,234	94,166	214,783	551,215	1.81
1/07 through 12/07	31,783,935	2	193,100	9	222,072	468,995	285,635	1,169,802	3.68
5 YR. TOTAL	166,510,561	10	507,667	57	972,525	985,187	1,620,352	4,085,731	2.45
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.889	47%	1.565	2.45			
Pure Premium Indicated by National Relativity		34%	1.229	26%	1.435	2.66			
Pure Premium Present on Rate Level		34%	1.050	27%	1.354	2.40			
Pure Premium Derived by Formula		1.059		1.474		2.53			

CLASS 0036		FARM: DAIRY & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,595,765	1	10,928	4	34,932	25,976	70,286	142,122	3.09
1/04 through 12/04	5,699,388	0	0	3	14,125	0	19,235	33,360	0.59
1/05 through 12/05	6,534,925	1	49,105	6	68,636	30,600	83,470	231,811	3.55
1/06 through 12/06	6,023,711	1	11,417	3	13,914	58,233	42,063	125,627	2.09
1/07 through 12/07	6,482,365	1	750,318	0	0	590,489	8,862	1,349,669	20.82
5 YR. TOTAL	29,336,154	4	821,768	16	131,607	705,298	223,916	1,882,589	6.42
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	3.250	27%	3.167	6.42			
Pure Premium Indicated by National Relativity		39%	1.859	36%	2.111	3.97			
Pure Premium Present on Rate Level		40%	1.915	37%	1.891	3.81			
Pure Premium Derived by Formula		2.174		2.315		4.49			

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

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CLASS 0037		FARM: FIELD CROPS & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	94,341,111	10	1,489,500	39	466,748	1,193,549	956,211	4,106,008	4.35
1/04 through 12/04	99,504,066	6	653,767	46	612,660	529,014	1,335,120	3,130,561	3.15
1/05 through 12/05	99,877,476	15	933,973	48	763,594	1,403,676	1,490,336	4,591,579	4.60
1/06 through 12/06	110,979,053	8	1,075,462	44	1,229,115	582,376	1,146,257	4,033,210	3.64
1/07 through 12/07	124,810,187	9	1,217,893	54	787,497	737,940	1,521,530	4,264,860	3.42
5 YR. TOTAL	529,511,893	48	5,370,595	231	3,859,614	4,446,555	6,449,454	20,126,218	3.80
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		64%	1.743	89%	2.058			3.80	
Pure Premium Indicated by National Relativity		18%	2.307	5%	2.507			4.81	
Pure Premium Present on Rate Level		18%	1.809	6%	2.088			3.90	
Pure Premium Derived by Formula		1.856		2.082				3.94	

CLASS 0042		LANDSCAPE GARDENING & DRIVERS							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	158,253,742	24	1,205,768	89	803,473	976,895	1,433,859	4,419,995	2.79
1/04 through 12/04	181,127,629	20	823,833	97	1,731,386	1,318,177	2,132,307	6,005,703	3.32
1/05 through 12/05	203,165,803	18	1,642,778	93	1,440,102	3,219,725	2,992,119	9,294,724	4.58
1/06 through 12/06	221,921,539	23	1,420,219	93	1,376,655	1,600,875	2,180,077	6,577,826	2.96
1/07 through 12/07	228,175,332	29	2,085,358	99	2,423,509	2,776,984	3,442,101	10,727,952	4.70
5 YR. TOTAL	992,644,045	114	7,177,956	471	7,775,125	9,892,656	12,180,463	37,026,200	3.73
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		79%	1.506	100%	2.224			3.73	
Pure Premium Indicated by National Relativity		10%	2.310	0%	2.767			5.08	
Pure Premium Present on Rate Level		11%	1.597	0%	2.132			3.73	
Pure Premium Derived by Formula		1.596		2.224				3.82	

CLASS 0050		FARM MACHINERY OPERATION-BY CONTRACTOR-& DRIVERS							
Industry Group: Contracting Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	5,415,632	1	95,202	8	156,912	25,423	149,360	426,897	7.88
1/04 through 12/04	5,331,881	1	74,454	3	56,857	48,664	64,595	244,570	4.59
1/05 through 12/05	6,522,128	2	10,377	1	28,604	26,225	20,591	85,797	1.32
1/06 through 12/06	5,951,142	1	250,850	1	5,960	696,957	20,740	974,507	16.38
1/07 through 12/07	7,350,363	2	17,659	1	28,396	26,681	30,348	103,084	1.40
5 YR. TOTAL	30,571,146	7	448,542	14	276,729	823,950	285,634	1,834,855	6.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		28%	2.372	49%	3.630			6.00	
Pure Premium Indicated by National Relativity		36%	3.615	25%	3.978			7.59	
Pure Premium Present on Rate Level		36%	3.823	26%	7.932			11.76	
Pure Premium Derived by Formula		3.342		4.836				8.18	

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

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CLASS 0079		FARM: BERRY OR VINEYARD & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,446,377	0	0	4	26,601	0	27,021	53,622	1.56
1/04 through 12/04	4,136,200	0	0	1	2,923	0	45,035	47,958	1.16
1/05 through 12/05	3,451,092	2	65,375	1	4,241	138,981	3,943	212,540	6.16
1/06 through 12/06	4,021,626	0	0	0	0	0	5,449	5,449	0.14
1/07 through 12/07	8,672,715	1	84,808	2	7,563	116,371	12,428	221,170	2.55
5 YR. TOTAL	23,728,010	3	150,183	8	41,328	255,352	93,876	540,739	2.28
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.807	23%	1.472	2.28			
Pure Premium Indicated by National Relativity		38%	2.679	38%	2.567	5.25			
Pure Premium Present on Rate Level		46%	1.329	39%	1.606	2.94			
Pure Premium Derived by Formula		1.758		1.940		3.70			

CLASS 0083		FARM: CATTLE OR LIVESTOCK RAISING NOC & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	114,839,515	21	1,437,876	63	1,126,804	1,347,564	1,694,001	5,606,245	4.88
1/04 through 12/04	85,145,058	13	838,218	45	789,431	1,443,158	953,336	4,024,143	4.73
1/05 through 12/05	87,269,652	10	464,020	44	663,746	1,182,137	1,638,483	3,948,386	4.52
1/06 through 12/06	88,240,848	8	481,397	34	1,585,476	893,844	976,596	3,937,313	4.46
1/07 through 12/07	135,970,966	21	2,330,769	50	1,075,689	1,242,053	1,769,387	6,417,898	4.72
5 YR. TOTAL	511,466,039	73	5,552,280	236	5,241,146	6,108,756	7,031,803	23,933,985	4.68
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		59%	2.110	81%	2.569	4.68			
Pure Premium Indicated by National Relativity		20%	2.596	9%	3.597	6.19			
Pure Premium Present on Rate Level		21%	1.529	10%	1.734	3.26			
Pure Premium Derived by Formula		2.085		2.578		4.66			

CLASS 0106		TREE PRUNING, SPRAYING, REPAIRING -- ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	11,902,239	10	957,046	14	347,604	961,397	343,159	2,609,206	21.92
1/04 through 12/04	12,789,114	4	453,606	15	225,095	408,125	333,224	1,420,050	11.10
1/05 through 12/05	14,191,288	8	408,155	22	612,276	298,764	780,838	2,100,033	14.80
1/06 through 12/06	13,446,802	11	953,784	21	472,545	579,251	667,944	2,673,524	19.88
1/07 through 12/07	15,134,308	5	916,166	16	1,109,503	1,368,946	992,837	4,387,452	28.99
5 YR. TOTAL	67,463,751	38	3,688,757	88	2,767,023	3,616,483	3,118,002	13,190,265	19.55
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		56%	9.569	72%	9.982	19.55			
Pure Premium Indicated by National Relativity		22%	7.835	14%	8.525	16.36			
Pure Premium Present on Rate Level		22%	9.821	14%	9.641	19.46			
Pure Premium Derived by Formula		9.243		9.730		18.97			

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

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CLASS 0113		FARM: FISH HATCHERY & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,407,172	0	0	1	24,324	0	19,531	43,855	3.12
1/04 through 12/04	1,601,709	0	0	2	9,784	0	17,466	27,250	1.70
1/05 through 12/05	2,188,044	1	182,336	0	0	169,296	2,863	354,495	16.20
1/06 through 12/06	1,792,746	0	0	1	1,080	0	12,700	13,780	0.77
1/07 through 12/07	2,785,989	0	0	2	57,655	0	120,067	177,722	6.38
5 YR. TOTAL	9,775,660	1	182,336	6	92,843	169,296	172,627	617,102	6.31
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	2.815	17%	3.498	6.31			
Pure Premium Indicated by National Relativity		43%	1.644	41%	2.547	4.19			
Pure Premium Present on Rate Level		44%	1.900	42%	1.926	3.83			
Pure Premium Derived by Formula		1.909		2.448		4.36			

CLASS 0170		FARM: ANIMAL RAISING & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	38,635	0	0	0	0	0	0	0	0.00
1/04 through 12/04	61,681	0	0	0	0	0	0	0	0.00
1/05 through 12/05	111,851	0	0	0	0	0	0	0	0.00
1/06 through 12/06	129,335	0	0	0	0	0	0	0	0.00
1/07 through 12/07	310,230	0	0	1	7,326	0	4,150	11,476	3.70
5 YR. TOTAL	651,732	0	0	1	7,326	0	4,150	11,476	1.76
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	1.124	4%	0.637	1.76			
Pure Premium Indicated by National Relativity		24%	1.594	26%	5.018	6.61			
Pure Premium Present on Rate Level		72%	1.161	70%	0.957	2.12			
Pure Premium Derived by Formula		1.263		2.000		3.26			

CLASS 0251		IRRIGATION WORKS OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	105,221	0	0	0	0	0	0	0	0.00
1/04 through 12/04	130,125	0	0	0	0	0	0	0	0.00
1/05 through 12/05	315,685	0	0	0	0	0	2,005	2,005	0.64
1/06 through 12/06	433,895	0	0	0	0	0	0	0	0.00
1/07 through 12/07	380,246	1	43,665	0	0	34,275	0	77,940	20.50
5 YR. TOTAL	1,365,172	1	43,665	0	0	34,275	2,005	79,945	5.86
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	3.199	8%	2.658	5.86			
Pure Premium Indicated by National Relativity		46%	2.016	46%	2.428	4.44			
Pure Premium Present on Rate Level		47%	2.312	46%	1.966	4.28			
Pure Premium Derived by Formula		2.238		2.234		4.47			

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

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CLASS 0400		COTTON COMPRESSING & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	19,141	0	0	0	0	0	0	0	0.00
1/07 through 12/07	32,094	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	51,235	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	3%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.012	0.01			
Pure Premium Present on Rate Level		98%	4.040	97%	3.011	7.05			
Pure Premium Derived by Formula		3.959		2.921		6.88			

CLASS 0401		COTTON GIN OPERATION & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	7,859,649	1	39,621	3	70,989	66,878	248,149	425,637	5.42
1/04 through 12/04	9,775,501	0	0	3	31,635	0	113,488	145,123	1.49
1/05 through 12/05	10,127,666	0	0	6	223,289	0	404,199	627,488	6.20
1/06 through 12/06	8,080,166	1	53,522	3	8,516	230,901	237,001	529,940	6.56
1/07 through 12/07	5,511,437	0	0	1	1,857	0	35,484	37,341	0.68
5 YR. TOTAL	41,354,419	2	93,143	16	336,286	297,779	1,038,321	1,765,529	4.27
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	1.038	41%	3.231	4.27			
Pure Premium Indicated by National Relativity		34%	4.837	29%	5.253	10.09			
Pure Premium Present on Rate Level		35%	3.801	30%	3.943	7.74			
Pure Premium Derived by Formula		3.297		4.031		7.33			

CLASS 0908 + +		DOMESTIC WORKERS - RESIDENCES - PART-TIME							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	EXPOSURE	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,189	0	0	2	54,706	0	32,504	87,210	398.40
1/04 through 12/04	2,635	0	0	2	16,543	0	10,917	27,460	104.21
1/05 through 12/05	1,681	0	0	1	9,504	0	4,798	14,302	85.08
1/06 through 12/06	1,943	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,986	0	0	1	28,447	0	13,039	41,486	208.89
5 YR. TOTAL	10,434	0	0	6	109,200	0	61,258	170,458	163.37
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.**	CRED.	PURE PREM.**	PURE PREM.**			
Indicated Pure Premium		9%	104.658	12%	58.709	163.37			
Pure Premium Indicated by National Relativity		39%	72.406	42%	94.761	167.17			
Pure Premium Present on Rate Level		52%	77.028	46%	72.594	149.62			
Pure Premium Derived by Formula		77.712		80.238		157.95			

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

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CLASS 0913 ++		DOMESTIC WORKERS - RESIDENCES - FULL-TIME							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	EXPOSURE	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,740	0	0	3	230,655	0	131,362	362,017	763.75
1/04 through 12/04	4,935	1	13,714	3	18,585	25,581	11,633	69,513	140.86
1/05 through 12/05	4,798	0	0	1	78,901	0	47,859	126,760	264.19
1/06 through 12/06	5,027	1	6,315	4	72,146	8,541	69,075	156,077	310.48
1/07 through 12/07	4,792	0	0	1	140,513	0	70,943	211,456	441.27
5 YR. TOTAL	24,292	2	20,029	12	540,800	34,122	330,872	925,823	381.12
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.**	CRED.	PURE PREM.**	PURE PREM.**			
Indicated Pure Premium		19%	230.870	24%	150.253	381.12			
Pure Premium Indicated by National Relativity		40%	232.185	38%	216.672	448.86			
Pure Premium Present on Rate Level		41%	190.701	38%	177.184	367.89			
Pure Premium Derived by Formula		214.927		185.726		400.65			

CLASS 0917		RESIDENTIAL CLEANING SERVICES BY CONTRACTOR - INSIDE							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,270,864	0	0	4	5,923	0	29,813	35,736	1.09
1/04 through 12/04	4,558,822	0	0	4	5,990	0	13,678	19,668	0.43
1/05 through 12/05	5,148,507	2	13,734	2	4,620	36,626	23,111	78,091	1.52
1/06 through 12/06	5,643,326	1	3,768	4	15,603	21,000	33,909	74,280	1.32
1/07 through 12/07	5,634,968	1	24,178	6	74,066	17,100	74,425	189,769	3.37
5 YR. TOTAL	24,256,487	4	41,680	20	106,202	74,726	174,936	397,544	1.64
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.610	24%	1.029	1.64			
Pure Premium Indicated by National Relativity		42%	1.837	38%	2.737	4.57			
Pure Premium Present on Rate Level		42%	1.297	38%	1.792	3.09			
Pure Premium Derived by Formula		1.414		1.968		3.38			

CLASS 1005		COAL MINING-SURFACE & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		50%	3.160	50%	2.270	5.43			
Pure Premium Present on Rate Level		50%	3.827	50%	1.980	5.81			
Pure Premium Derived by Formula		3.494		2.125		5.62			

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

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CLASS 1164		MINING NOC-NOT COAL-UNDERGROUND-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	108,331	1	96,779	0	0	73,959	0	170,738	157.61
1/04 through 12/04	151,492	0	0	0	0	0	2,197	2,197	1.45
1/05 through 12/05	178,496	0	0	0	0	0	0	0	0.00
1/06 through 12/06	218,067	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	656,386	1	96,779	0	0	73,959	2,197	172,935	26.35
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	14.744	9%	11.602	26.35			
Pure Premium Indicated by National Relativity		46%	3.607	45%	3.599	7.21			
Pure Premium Present on Rate Level		47%	6.612	46%	4.947	11.56			
Pure Premium Derived by Formula		5.799		4.939		10.74			

CLASS 1165		MINING NOC-NOT COAL-SURFACE & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,675,013	0	0	0	0	0	1,123	1,123	0.04
1/04 through 12/04	3,377,419	0	0	0	0	0	19,584	19,584	0.58
1/05 through 12/05	1,271,220	0	0	0	0	0	1,372	1,372	0.11
1/06 through 12/06	2,600,142	0	0	0	0	0	0	0	0.00
1/07 through 12/07	804,618	0	0	1	45,897	0	33,493	79,390	9.87
5 YR. TOTAL	10,728,412	0	0	1	45,897	0	55,572	101,469	0.95
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.428	17%	0.518	0.95			
Pure Premium Indicated by National Relativity		43%	2.656	41%	2.461	5.12			
Pure Premium Present on Rate Level		43%	1.988	42%	1.622	3.61			
Pure Premium Derived by Formula		2.057		1.778		3.84			

CLASS 1320		OIL OR GAS LEASE OPERATOR-ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	164,322	0	0	0	0	0	0	0	0.00
1/04 through 12/04	169,848	0	0	0	0	0	0	0	0.00
1/05 through 12/05	745,889	0	0	0	0	0	0	0	0.00
1/06 through 12/06	717,761	0	0	0	0	0	2,382	2,382	0.33
1/07 through 12/07	869,317	0	0	0	0	0	277	277	0.03
5 YR. TOTAL	2,667,137	0	0	0	0	0	2,659	2,659	0.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.000	9%	0.100	0.10			
Pure Premium Indicated by National Relativity		46%	1.614	45%	1.607	3.22			
Pure Premium Present on Rate Level		46%	2.106	46%	1.424	3.53			
Pure Premium Derived by Formula		1.711		1.387		3.10			

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

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CLASS 1322		OIL OR GAS WELL: CLEANING OR SWABBING OF OLD WELLS HAVING PREVIOUSLY PRODUCED GAS OR OIL-BY CONTRACTOR-NO DRILLING-& DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		50%	4.958	50%	3.941	8.90			
Pure Premium Present on Rate Level		50%	6.471	50%	3.816	10.29			
Pure Premium Derived by Formula		5.715		3.879		9.59			

CLASS 1430		SMELTING, SINTERING OR REFINING-LEAD-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	499,865	0	0	0	0	0	0	0	0.00
1/04 through 12/04	716,801	0	0	0	0	0	1,466	1,466	0.21
1/05 through 12/05	970,045	0	0	0	0	0	209	209	0.02
1/06 through 12/06	708,865	0	0	0	0	0	9,375	9,375	1.32
1/07 through 12/07	580,726	0	0	0	0	0	4,044	4,044	0.70
5 YR. TOTAL	3,476,302	0	0	0	0	0	15,094	15,094	0.43
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.000	11%	0.434	0.43			
Pure Premium Indicated by National Relativity		39%	2.680	41%	3.886	6.57			
Pure Premium Present on Rate Level		52%	1.863	48%	1.616	3.48			
Pure Premium Derived by Formula		2.014		2.417		4.43			

CLASS 1438		SMELTING, SINTERING OR REFINING-METALS-NOT IRON OR LEAD-NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	24,037,662	0	0	4	28,265	0	79,629	107,894	0.45
1/04 through 12/04	21,987,274	3	93,388	1	2,173	265,882	16,833	378,276	1.72
1/05 through 12/05	21,321,601	1	35,406	4	57,980	63,882	92,048	249,316	1.17
1/06 through 12/06	18,999,927	2	40,826	2	33,385	17,029	16,226	107,466	0.57
1/07 through 12/07	20,285,384	6	762,058	3	10,723	741,095	47,434	1,561,310	7.70
5 YR. TOTAL	106,631,848	12	931,678	14	132,526	1,087,888	252,170	2,404,262	2.26
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		27%	0.998	34%	1.257	2.26			
Pure Premium Indicated by National Relativity		36%	1.839	33%	1.810	3.65			
Pure Premium Present on Rate Level		37%	1.043	33%	0.940	1.98			
Pure Premium Derived by Formula		1.317		1.335		2.65			

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

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CLASS 1452		ORE MILLING & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,342,424	2	113,404	3	31,513	19,838	40,717	205,472	4.73
1/04 through 12/04	5,210,640	2	17,118	1	4,974	76,394	14,396	112,882	2.17
1/05 through 12/05	6,175,038	0	0	0	0	0	21,875	21,875	0.35
1/06 through 12/06	5,920,579	1	29,966	1	9,841	27,939	11,152	78,898	1.33
1/07 through 12/07	3,306,555	0	0	1	13,780	0	57,883	71,663	2.17
5 YR. TOTAL	24,955,236	5	160,488	6	60,108	124,171	146,023	490,790	1.97
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	0.884	22%	1.083	1.97			
Pure Premium Indicated by National Relativity		40%	1.015	39%	0.846	1.86			
Pure Premium Present on Rate Level		41%	1.942	39%	1.405	3.35			
Pure Premium Derived by Formula		1.370		1.116		2.49			

CLASS 1463		ASPHALT WORKS OPERATED BY PAVING CONTRACTORS - PERMANENT LOCATION & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,035,336	14	1,321,443	20	391,260	1,519,452	658,916	3,891,071	22.84
1/04 through 12/04	21,773,029	5	110,539	12	155,645	88,556	255,139	609,879	2.80
1/05 through 12/05	21,490,659	11	1,054,690	10	500,706	2,040,922	588,790	4,185,108	19.48
1/06 through 12/06	22,119,355	3	310,898	9	85,865	809,638	219,281	1,425,682	6.45
1/07 through 12/07	25,462,313	2	77,715	14	483,279	85,382	1,290,732	1,937,108	7.61
5 YR. TOTAL	107,880,692	35	2,875,285	65	1,616,755	4,543,950	3,012,858	12,048,848	11.17
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		53%	4.164	75%	7.005	11.17			
Pure Premium Indicated by National Relativity		23%	5.553	12%	5.233	10.79			
Pure Premium Present on Rate Level		24%	5.595	13%	6.779	12.37			
Pure Premium Derived by Formula		4.827		6.763		11.59			

CLASS 1470		COKE MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	2.271	100%	1.270	3.54			
Pure Premium Derived by Formula		2.271		1.270		3.54			

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

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CLASS 1473		TURPENTINE OR RESIN MFG.-STEAM OR NON-DESTRUCTIVE PROCESS-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,278,329	0	0	1	3,565	0	1,955	5,520	0.17
1/04 through 12/04	3,694,515	0	0	1	144,243	0	204,476	348,719	9.44
1/05 through 12/05	3,479,379	0	0	1	4,090	0	2,952	7,042	0.20
1/06 through 12/06	3,728,448	0	0	1	31,920	0	24,703	56,623	1.52
1/07 through 12/07	82,744	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	14,263,415	0	0	4	183,818	0	234,086	417,904	2.93
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	1.289	14%	1.641	2.93			
Pure Premium Indicated by National Relativity		19%	0.405	20%	0.440	0.85			
Pure Premium Present on Rate Level		68%	1.154	66%	0.769	1.92			
Pure Premium Derived by Formula		1.029		0.825		1.85			

CLASS 1474		DISTILLATION - WOOD - DESTRUCTIVE PROCESS & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,903	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	17,903	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.000	1%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.034	0.03			
Pure Premium Present on Rate Level		99%	1.438	99%	0.821	2.26			
Pure Premium Derived by Formula		1.424		0.813		2.24			

CLASS 1624		QUARRY NOC & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	53,601,114	1	65,219	16	198,603	51,337	264,030	579,189	1.08
1/04 through 12/04	74,558,624	8	1,149,840	29	1,651,647	328,607	1,336,030	4,466,124	5.99
1/05 through 12/05	58,605,967	8	933,242	14	750,293	485,880	628,717	2,798,132	4.78
1/06 through 12/06	29,885,295	2	108,017	19	376,161	210,833	421,165	1,116,176	3.74
1/07 through 12/07	59,878,447	3	184,977	10	607,297	175,090	668,228	1,635,592	2.73
5 YR. TOTAL	276,529,447	22	2,441,295	88	3,584,001	1,251,747	3,318,170	10,595,213	3.83
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		55%	2.179	64%	1.653	3.83			
Pure Premium Indicated by National Relativity		22%	2.667	18%	2.514	5.18			
Pure Premium Present on Rate Level		23%	2.369	18%	1.757	4.13			
Pure Premium Derived by Formula		2.330		1.827		4.16			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 1642		LIME MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	975,877	0	0	0	0	0	0	0	0.00
1/07 through 12/07	324,373	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,300,250	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.000	7%	0.000	0.00			
Pure Premium Indicated by National Relativity		40%	1.777	42%	2.009	3.79			
Pure Premium Present on Rate Level		54%	2.298	51%	1.345	3.64			
Pure Premium Derived by Formula		1.952		1.530		3.48			

CLASS 1654		QUARRY-CEMENT ROCK-SURFACE-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	111,337	0	0	0	0	0	0	0	0.00
1/05 through 12/05	291,421	0	0	0	0	0	628	628	0.22
1/06 through 12/06	279,404	0	0	0	0	0	0	0	0.00
1/07 through 12/07	203,014	0	0	1	143,079	0	124,768	267,847	131.94
5 YR. TOTAL	885,176	0	0	1	143,079	0	125,396	268,475	30.33
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	16.164	8%	14.166	30.33			
Pure Premium Indicated by National Relativity		43%	5.220	45%	5.844	11.06			
Pure Premium Present on Rate Level		49%	5.347	47%	3.271	8.62			
Pure Premium Derived by Formula		6.158		5.300		11.46			

CLASS 1655		LIME MFG-QUARRY-SURFACE-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	331,455	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	331,455	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	6%	0.000	0.00			
Pure Premium Indicated by National Relativity		28%	2.323	29%	3.280	5.60			
Pure Premium Present on Rate Level		68%	3.223	65%	3.237	6.46			
Pure Premium Derived by Formula		2.842		3.055		5.90			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 1699		ROCK WOOL MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,072,871	0	0	1	11,866	0	21,300	33,166	1.08
1/04 through 12/04	4,309,148	0	0	0	0	0	14,239	14,239	0.33
1/05 through 12/05	8,017,893	0	0	7	139,631	0	132,051	271,682	3.39
1/06 through 12/06	7,753,976	2	110,051	6	404,037	588,380	215,808	1,318,276	17.00
1/07 through 12/07	9,688,395	1	4,518	1	24,122	4,085	63,725	96,450	1.00
5 YR. TOTAL	32,842,283	3	114,569	15	579,656	592,465	447,123	1,733,813	5.28
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	2.114	26%	3.165	5.28			
Pure Premium Indicated by National Relativity		40%	1.283	37%	1.617	2.90			
Pure Premium Present on Rate Level		41%	1.474	37%	1.515	2.99			
Pure Premium Derived by Formula		1.519		1.982		3.50			

CLASS 1701		CEMENT MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,116,645	0	0	0	0	0	7,276	7,276	0.34
1/04 through 12/04	2,324,903	0	0	1	76,372	0	205,867	282,239	12.14
1/05 through 12/05	3,764,238	1	209,181	5	116,623	75,726	261,092	662,622	17.60
1/06 through 12/06	2,650,613	2	62,150	3	73,491	95,881	38,664	270,186	10.19
1/07 through 12/07	8,747,021	0	0	1	18,313	0	25,341	43,654	0.50
5 YR. TOTAL	19,603,420	3	271,331	10	284,799	171,607	538,240	1,265,977	6.46
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	2.837	28%	3.621	6.46			
Pure Premium Indicated by National Relativity		40%	1.944	36%	2.237	4.18			
Pure Premium Present on Rate Level		40%	2.563	36%	3.202	5.77			
Pure Premium Derived by Formula		2.370		2.972		5.34			

CLASS 1710		STONE CRUSHING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,594,873	0	0	3	31,209	0	85,263	116,472	2.08
1/04 through 12/04	2,701,678	1	4,460	0	0	9,451	3,518	17,429	0.65
1/05 through 12/05	1,965,273	0	0	3	67,886	0	56,773	124,659	6.34
1/06 through 12/06	2,837,930	0	0	1	60,190	0	92,387	152,577	5.38
1/07 through 12/07	2,980,946	0	0	1	4,180	0	33,808	37,988	1.27
5 YR. TOTAL	16,080,700	1	4,460	8	163,465	9,451	271,749	449,125	2.79
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	1.044	24%	1.749	2.79			
Pure Premium Indicated by National Relativity		40%	2.626	38%	3.039	5.67			
Pure Premium Present on Rate Level		41%	2.753	38%	2.595	5.35			
Pure Premium Derived by Formula		2.377		2.561		4.94			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 1741		FLINT GRINDING & DRIVERS							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,250,282	0	0	0	0	0	0	0	0.00
1/04 through 12/04	3,462,728	0	0	1	1,103	0	16,498	17,601	0.51
1/05 through 12/05	3,889,994	0	0	0	0	0	6,074	6,074	0.16
1/06 through 12/06	3,073,950	0	0	1	10,842	0	55,279	66,121	2.15
1/07 through 12/07	3,365,332	0	0	0	0	0	697	697	0.02
5 YR. TOTAL	17,042,286	0	0	2	11,945	0	78,548	90,493	0.53
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.070	16%	0.461	0.53			
Pure Premium Indicated by National Relativity		25%	1.589	27%	2.478	4.07			
Pure Premium Present on Rate Level		62%	1.032	57%	0.921	1.95			
Pure Premium Derived by Formula		1.046		1.268		2.31			

CLASS 1747		EMERY WORKS & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	660,901	0	0	0	0	0	0	0	0.00
1/04 through 12/04	727,613	0	0	0	0	0	0	0	0.00
1/05 through 12/05	884,879	0	0	0	0	0	0	0	0.00
1/06 through 12/06	862,825	0	0	0	0	0	0	0	0.00
1/07 through 12/07	968,200	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	4,104,418	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.000	9%	0.000	0.00			
Pure Premium Indicated by National Relativity		30%	1.121	32%	1.318	2.44			
Pure Premium Present on Rate Level		62%	1.286	59%	0.830	2.12			
Pure Premium Derived by Formula		1.134		0.911		2.05			

CLASS 1748		ABRASIVE WHEEL MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	881,340	0	0	0	0	0	0	0	0.00
1/04 through 12/04	210,491	0	0	0	0	0	0	0	0.00
1/05 through 12/05	218,062	0	0	0	0	0	0	0	0.00
1/06 through 12/06	207,805	0	0	0	0	0	0	0	0.00
1/07 through 12/07	216,883	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,734,581	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.000	9%	0.000	0.00			
Pure Premium Indicated by National Relativity		39%	1.438	41%	1.831	3.27			
Pure Premium Present on Rate Level		54%	1.957	50%	1.968	3.93			
Pure Premium Derived by Formula		1.618		1.735		3.35			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 1803		STONE CUTTING OR POLISHING NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	7,805,558	1	175,382	4	10,373	0	46,411	232,166	2.98
1/04 through 12/04	9,658,365	2	451,260	6	280,165	513,639	491,996	1,737,060	17.99
1/05 through 12/05	14,056,288	1	9,857	11	115,721	101,758	187,560	414,896	2.95
1/06 through 12/06	18,735,256	4	527,721	16	608,999	419,845	446,912	2,003,477	10.69
1/07 through 12/07	21,677,166	2	241,219	8	109,406	185,715	228,077	764,417	3.53
5 YR. TOTAL	71,932,633	10	1,405,439	45	1,124,664	1,220,957	1,400,956	5,152,016	7.16
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		37%	3.517	47%	3.645			7.16	
Pure Premium Indicated by National Relativity		31%	2.564	26%	2.984			5.55	
Pure Premium Present on Rate Level		32%	3.297	27%	3.140			6.44	
Pure Premium Derived by Formula		3.151		3.337				6.49	

CLASS 1852		ASBESTOS GOODS MFG							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	85	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	648,502	0	0	0	0	0	4,767	4,767	0.74
5 YR. TOTAL	648,587	0	0	0	0	0	4,767	4,767	0.74
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		4%	0.000	5%	0.735			0.74	
Pure Premium Indicated by National Relativity		20%	0.539	21%	1.036			1.58	
Pure Premium Present on Rate Level		76%	1.294	74%	1.492			2.79	
Pure Premium Derived by Formula		1.091		1.358				2.45	

CLASS 1853		MICA GOODS MFG & MICA PREPARING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	359,030	0	0	0	0	0	843	843	0.24
1/04 through 12/04	387,453	0	0	0	0	0	506	506	0.13
1/05 through 12/05	367,186	0	0	0	0	0	0	0	0.00
1/06 through 12/06	357,231	0	0	0	0	0	0	0	0.00
1/07 through 12/07	274,814	0	0	0	0	0	544	544	0.20
5 YR. TOTAL	1,745,714	0	0	0	0	0	1,893	1,893	0.11
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		5%	0.000	6%	0.108			0.11	
Pure Premium Indicated by National Relativity		12%	0.370	13%	0.373			0.74	
Pure Premium Present on Rate Level		83%	0.989	81%	0.628			1.62	
Pure Premium Derived by Formula		0.865		0.564				1.43	

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 1860		ABRASIVE PAPER OR CLOTH PREPARATION							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	4,492,846	0	0	0	0	0	15,385	15,385	0.34
1/04 through 12/04	3,349,731	0	0	2	113,798	0	17,399	131,197	3.92
1/05 through 12/05	3,550,278	0	0	0	0	0	17,200	17,200	0.48
1/06 through 12/06	4,268,932	1	21,617	1	17,365	61,898	48,303	149,183	3.49
1/07 through 12/07	4,076,255	0	0	0	0	0	2,824	2,824	0.07
5 YR. TOTAL	19,738,042	1	21,617	3	131,163	61,898	101,111	315,789	1.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.774	18%	0.826	1.60			
Pure Premium Indicated by National Relativity		26%	0.420	28%	0.544	0.96			
Pure Premium Present on Rate Level		60%	1.113	54%	1.054	2.17			
Pure Premium Derived by Formula		0.885		0.870		1.76			

CLASS 1924		WIRE DRAWING OR CABLE MFG - NOT IRON OR STEEL							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	7,214,938	2	175,266	3	6,155	32,109	23,786	237,316	3.29
1/04 through 12/04	5,816,859	1	26,318	0	0	9,404	2,527	38,249	0.66
1/05 through 12/05	5,427,967	1	12,760	1	1,945	6,328	20,673	41,706	0.77
1/06 through 12/06	10,756,465	2	47,602	3	264,754	9,739	275,708	597,803	5.56
1/07 through 12/07	14,171,030	1	12,530	9	94,511	29,237	232,471	368,749	2.60
5 YR. TOTAL	43,387,259	7	274,476	16	367,365	86,817	555,165	1,283,823	2.96
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	1.479	26%	1.480	2.96			
Pure Premium Indicated by National Relativity		39%	1.092	37%	1.221	2.31			
Pure Premium Present on Rate Level		39%	1.457	37%	1.188	2.65			
Pure Premium Derived by Formula		1.319		1.276		2.60			

CLASS 1925		DIE CASTING MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	6,275,821	2	26,016	5	37,453	25,254	79,678	168,401	2.68
1/04 through 12/04	9,473,184	1	2,644	2	48,162	22,690	53,084	126,580	1.34
1/05 through 12/05	4,803,674	1	15,271	4	102,922	10,281	184,785	313,259	6.52
1/06 through 12/06	4,711,246	0	0	1	1,789	0	44,547	46,336	0.98
1/07 through 12/07	6,204,472	0	0	2	29,839	0	63,788	93,627	1.51
5 YR. TOTAL	31,468,397	4	43,931	14	220,165	58,225	425,882	748,203	2.38
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	0.839	26%	1.538	2.38			
Pure Premium Indicated by National Relativity		41%	1.550	37%	2.114	3.66			
Pure Premium Present on Rate Level		41%	1.337	37%	1.683	3.02			
Pure Premium Derived by Formula		1.335		1.805		3.14			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2001 + +		CRACKER MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	15,579,734	2	53,956	7	145,957	70,807	162,557	433,277	2.78
1/04 through 12/04	36,836,624	6	318,876	7	69,517	231,203	190,102	809,698	2.20
1/05 through 12/05	40,906,555	2	37,505	4	47,955	5,531	201,414	292,405	0.72
1/06 through 12/06	58,683,478	7	364,832	14	469,489	333,315	425,416	1,593,052	2.72
1/07 through 12/07	41,882,625	1	331,895	8	60,998	88,367	198,382	679,642	1.62
5 YR. TOTAL	193,889,016	18	1,107,064	40	793,916	729,223	1,177,871	3,808,074	1.96
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		35%	0.980		49%	0.984		1.96	
Pure Premium Indicated by National Relativity		32%	1.239		25%	1.668		2.91	
Pure Premium Present on Rate Level		33%	1.119		26%	1.311		2.43	
Pure Premium Derived by Formula			1.109			1.240		2.35	

CLASS 2002		PASTA OR NOODLE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		0%	0.000		0%	0.000		0.00	
Pure Premium Indicated by National Relativity		45%	1.583		47%	1.791		3.37	
Pure Premium Present on Rate Level		55%	1.487		53%	1.554		3.04	
Pure Premium Derived by Formula			1.530			1.665		3.20	

CLASS 2003 + +		BAKERY & DRIVERS, ROUTE SUPERVISORS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	67,839,639	6	270,388	28	213,165	749,286	304,323	1,537,162	2.27
1/04 through 12/04	73,294,811	9	82,119	19	271,306	168,017	621,819	1,143,261	1.56
1/05 through 12/05	138,845,517	14	1,411,609	26	541,140	932,474	691,840	3,577,063	2.58
1/06 through 12/06	127,736,491	4	202,845	39	864,266	341,301	1,599,296	3,007,708	2.35
1/07 through 12/07	140,050,924	16	1,611,236	50	725,916	1,167,680	1,350,505	4,855,337	3.47
5 YR. TOTAL	547,767,382	49	3,578,197	162	2,615,793	3,358,758	4,567,783	14,120,531	2.58
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		53%	1.131		72%	1.447		2.58	
Pure Premium Indicated by National Relativity		23%	1.553		14%	1.701		3.25	
Pure Premium Present on Rate Level		24%	1.078		14%	1.200		2.28	
Pure Premium Derived by Formula			1.215			1.448		2.66	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2014		GRAIN OR FEED MILLING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	31,497,257	3	189,645	8	126,232	159,705	151,558	627,140	1.99
1/04 through 12/04	27,977,267	6	917,658	11	267,423	1,130,237	189,650	2,504,968	8.95
1/05 through 12/05	34,423,562	5	527,225	12	455,442	282,289	381,182	1,646,138	4.78
1/06 through 12/06	28,050,513	1	213,641	12	403,750	151,246	599,732	1,368,369	4.88
1/07 through 12/07	40,786,439	4	713,610	13	299,759	1,092,279	589,903	2,695,551	6.61
5 YR. TOTAL	162,735,038	19	2,561,779	56	1,552,606	2,815,756	1,912,025	8,842,166	5.43
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		45%	2.528	59%	2.905	5.43			
Pure Premium Indicated by National Relativity		27%	2.288	20%	2.502	4.79			
Pure Premium Present on Rate Level		28%	2.447	21%	2.415	4.86			
Pure Premium Derived by Formula		2.441		2.722		5.16			

CLASS 2016		CEREAL OR BAR MFG.							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	35,229	0	0	0	0	0	0	0	0.00
1/04 through 12/04	6,726	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	25,394	0	0	0	0	0	0	0	0.00
1/07 through 12/07	6,062,548	0	0	0	0	0	7,866	7,866	0.13
5 YR. TOTAL	6,129,897	0	0	0	0	0	7,866	7,866	0.13
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.000	12%	0.128	0.13			
Pure Premium Indicated by National Relativity		46%	1.103	44%	1.363	2.47			
Pure Premium Present on Rate Level		46%	0.987	44%	1.270	2.26			
Pure Premium Derived by Formula		0.961		1.174		2.14			

CLASS 2021		SUGAR MANUFACTURING OR REFINING FROM SUGAR CANE OR SUGAR BEETS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	7,149,598	0	0	0	0	0	2,381	2,381	0.03
1/04 through 12/04	7,382,469	0	0	0	0	0	248	248	0.00
1/05 through 12/05	7,297,142	0	0	1	93	0	437	530	0.01
1/06 through 12/06	7,684,510	0	0	0	0	0	329	329	0.00
1/07 through 12/07	8,065,035	0	0	0	0	0	5,706	5,706	0.07
5 YR. TOTAL	37,578,754	0	0	1	93	0	9,101	9,194	0.02
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.000	24%	0.024	0.02			
Pure Premium Indicated by National Relativity		40%	1.493	38%	1.907	3.40			
Pure Premium Present on Rate Level		40%	1.434	38%	1.160	2.59			
Pure Premium Derived by Formula		1.171		1.171		2.34			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2039		ICE CREAM MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,678,240	2	44,326	9	581,845	115,048	528,537	1,269,756	14.63
1/04 through 12/04	5,725,158	0	0	3	17,464	0	23,196	40,660	0.71
1/05 through 12/05	6,835,451	0	0	7	184,695	0	59,583	244,278	3.57
1/06 through 12/06	7,109,556	0	0	1	1,267	0	18,256	19,523	0.28
1/07 through 12/07	7,555,423	1	96,122	1	657	49,863	4,794	151,436	2.00
5 YR. TOTAL	35,903,828	3	140,448	21	785,928	164,911	634,366	1,725,653	4.81
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	2.580	29%	2.226	4.81			
Pure Premium Indicated by National Relativity		38%	1.076	35%	1.252	2.33			
Pure Premium Present on Rate Level		39%	2.062	36%	1.833	3.90			
Pure Premium Derived by Formula		1.806		1.744		3.55			

CLASS 2041		CANDY, CHOCOLATE AND CONFECTION MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,946,856	0	0	4	294,876	0	94,947	389,823	3.92
1/04 through 12/04	11,443,472	0	0	5	58,869	0	81,464	140,333	1.23
1/05 through 12/05	11,707,097	4	141,209	8	96,045	188,162	212,324	637,740	5.45
1/06 through 12/06	12,732,554	0	0	5	77,713	0	66,068	143,781	1.13
1/07 through 12/07	13,514,866	2	44,551	6	232,373	72,708	705,998	1,055,630	7.81
5 YR. TOTAL	59,344,845	6	185,760	28	759,876	260,870	1,160,801	2,367,307	3.99
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	1.593	30%	2.396	3.99			
Pure Premium Indicated by National Relativity		38%	1.354	35%	1.479	2.83			
Pure Premium Present on Rate Level		38%	1.328	35%	1.276	2.60			
Pure Premium Derived by Formula		1.401		1.683		3.08			

CLASS 2065		MILK PRODUCTS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	116,219	0	0	0	0	0	0	0	0.00
1/04 through 12/04	80,723	0	0	0	0	0	0	0	0.00
1/05 through 12/05	71,176	0	0	0	0	0	416	416	0.58
1/06 through 12/06	60,429	0	0	0	0	0	0	0	0.00
1/07 through 12/07	111,954	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	440,501	0	0	0	0	0	416	416	0.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	5%	0.095	0.10			
Pure Premium Indicated by National Relativity		43%	1.750	46%	1.323	3.07			
Pure Premium Present on Rate Level		53%	2.007	49%	1.523	3.53			
Pure Premium Derived by Formula		1.816		1.360		3.18			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2070		CREAMERY & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	31,432,205	4	350,135	13	192,030	214,647	164,239	921,051	2.93
1/04 through 12/04	35,368,420	8	482,426	10	179,321	440,339	87,430	1,189,516	3.36
1/05 through 12/05	37,382,315	9	880,471	12	189,790	662,959	156,438	1,889,658	5.06
1/06 through 12/06	33,531,364	13	1,492,085	17	200,052	1,021,182	441,266	3,154,585	9.41
1/07 through 12/07	37,408,344	4	714,315	15	278,259	320,218	308,869	1,621,661	4.34
5 YR. TOTAL	175,122,648	38	3,919,432	67	1,039,452	2,659,345	1,158,242	8,776,471	5.01
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		46%	2.832		55%	2.180		5.01	
Pure Premium Indicated by National Relativity		27%	2.000		22%	1.962		3.96	
Pure Premium Present on Rate Level		27%	2.322		23%	1.930		4.25	
Pure Premium Derived by Formula			2.470			2.075		4.55	

CLASS 2081		BUTCHERING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,751,316	0	0	7	15,033	0	62,768	77,801	0.89
1/04 through 12/04	8,717,641	0	0	3	29,393	0	120,504	149,897	1.72
1/05 through 12/05	7,222,732	0	0	5	42,934	0	107,874	150,808	2.09
1/06 through 12/06	10,052,727	1	55,206	10	153,283	53,711	292,878	555,078	5.52
1/07 through 12/07	11,834,716	0	0	3	43,441	0	146,431	189,872	1.60
5 YR. TOTAL	46,579,132	1	55,206	28	284,084	53,711	730,455	1,123,456	2.41
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	0.728		32%	1.684		2.41	
Pure Premium Indicated by National Relativity		39%	1.748		34%	2.675		4.42	
Pure Premium Present on Rate Level		39%	1.332		34%	1.789		3.12	
Pure Premium Derived by Formula			1.361			2.057		3.42	

CLASS 2089		PACKING HOUSE-ALL OPERATIONS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	131,945,719	12	545,684	63	1,140,955	351,666	1,190,140	3,228,445	2.45
1/04 through 12/04	38,433,136	4	158,672	11	150,091	141,270	256,164	706,197	1.84
1/05 through 12/05	42,560,390	4	38,863	12	102,524	5,445	193,310	340,142	0.80
1/06 through 12/06	58,135,907	5	321,757	12	113,066	1,107,458	248,486	1,790,767	3.08
1/07 through 12/07	207,015,132	43	1,444,000	90	1,098,007	2,079,989	1,830,980	6,452,976	3.12
5 YR. TOTAL	478,090,284	68	2,508,976	188	2,604,643	3,685,828	3,719,080	12,518,527	2.62
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		58%	1.070		79%	1.549		2.62	
Pure Premium Indicated by National Relativity		21%	1.281		10%	1.747		3.03	
Pure Premium Present on Rate Level		21%	1.576		11%	1.718		3.29	
Pure Premium Derived by Formula			1.221			1.587		2.81	

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

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EFFECTIVE 4/1/2011

CLASS 2095		MEAT PRODUCTS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	50,418,806	8	205,051	52	706,312	163,805	839,633	1,914,801	3.80
1/04 through 12/04	39,903,636	7	225,597	26	167,891	339,074	346,320	1,078,882	2.70
1/05 through 12/05	24,606,904	4	413,007	16	109,323	359,652	214,144	1,096,126	4.46
1/06 through 12/06	24,313,980	1	5,314	21	263,422	638	325,906	595,280	2.45
1/07 through 12/07	53,431,710	7	613,340	20	235,632	426,605	692,883	1,968,460	3.68
5 YR. TOTAL	192,675,036	27	1,462,309	135	1,482,580	1,289,774	2,418,886	6,653,549	3.45
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	1.528	58%	1.925	3.45			
Pure Premium Indicated by National Relativity		29%	1.261	21%	1.669	2.93			
Pure Premium Present on Rate Level		30%	1.637	21%	1.963	3.60			
Pure Premium Derived by Formula		1.483		1.879		3.36			

CLASS 2105		FRUIT PACKING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	419,353	0	0	0	0	0	0	0	0.00
1/04 through 12/04	464,939	0	0	0	0	0	0	0	0.00
1/05 through 12/05	821,742	0	0	0	0	0	0	0	0.00
1/06 through 12/06	927,471	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,972,156	0	0	0	0	0	2,149	2,149	0.11
5 YR. TOTAL	4,605,661	0	0	0	0	0	2,149	2,149	0.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.000	11%	0.047	0.05			
Pure Premium Indicated by National Relativity		46%	1.135	44%	1.485	2.62			
Pure Premium Present on Rate Level		46%	1.045	45%	1.171	2.22			
Pure Premium Derived by Formula		1.003		1.186		2.19			

CLASS 2110		PICKLE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	24,704,847	0	0	3	22,021	0	31,413	53,434	0.22
1/04 through 12/04	20,476,668	0	0	2	170,561	0	222,225	392,786	1.92
1/05 through 12/05	32,716,591	1	25,438	2	9,912	92,039	29,977	157,366	0.48
1/06 through 12/06	25,323,023	3	39,250	6	152,426	66,851	128,119	386,646	1.53
1/07 through 12/07	25,933,688	0	0	3	190,072	0	191,240	381,312	1.47
5 YR. TOTAL	129,154,817	4	64,688	16	544,992	158,890	602,974	1,371,544	1.06
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	0.472	35%	0.590	1.06			
Pure Premium Indicated by National Relativity		33%	1.360	32%	1.581	2.94			
Pure Premium Present on Rate Level		42%	0.721	33%	0.844	1.57			
Pure Premium Derived by Formula		0.870		0.991		1.86			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2111		CANNERY NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,628,729	0	0	3	17,219	0	30,492	47,711	0.72
1/04 through 12/04	7,421,917	0	0	5	34,914	0	87,758	122,672	1.65
1/05 through 12/05	9,807,529	2	252,070	5	215,414	941,786	237,181	1,646,451	16.79
1/06 through 12/06	9,050,373	2	101,467	5	62,077	187,928	110,127	461,599	5.10
1/07 through 12/07	9,500,497	0	0	6	101,804	0	181,395	283,199	2.98
5 YR. TOTAL	42,409,045	4	353,537	24	431,428	1,129,714	646,953	2,561,632	6.04
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	1.851	30%	4.189	6.04			
Pure Premium Indicated by National Relativity		41%	1.008	35%	1.346	2.35			
Pure Premium Present on Rate Level		41%	0.938	35%	1.714	2.65			
Pure Premium Derived by Formula		1.131		2.328		3.46			

CLASS 2112		FRUIT EVAPORATING OR PRESERVING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	280,712	0	0	1	10,557	0	46,234	56,791	20.23
1/04 through 12/04	469,439	0	0	0	0	0	4,763	4,763	1.02
1/05 through 12/05	738,203	0	0	0	0	0	1,282	1,282	0.17
1/06 through 12/06	549,530	0	0	0	0	0	4,904	4,904	0.89
1/07 through 12/07	591,881	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,629,765	0	0	1	10,557	0	57,183	67,740	2.58
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.401	10%	2.174	2.58			
Pure Premium Indicated by National Relativity		46%	1.397	45%	1.538	2.94			
Pure Premium Present on Rate Level		47%	1.451	45%	1.661	3.11			
Pure Premium Derived by Formula		1.353		1.657		3.01			

CLASS 2114		OYSTER PROCESSING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	104,392	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	150,776	0	0	0	0	0	0	0	0.00
1/06 through 12/06	127,329	0	0	0	0	0	0	0	0.00
1/07 through 12/07	245,825	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	628,322	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		27%	0.503	28%	0.798	1.30			
Pure Premium Present on Rate Level		70%	0.805	68%	0.802	1.61			
Pure Premium Derived by Formula		0.699		0.769		1.47			

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

NORTH CAROLINA

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CLASS 2121		BREWERY & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	36,577,853	6	650,477	17	277,028	413,655	242,616	1,583,776	4.33
1/04 through 12/04	36,983,372	4	366,797	12	385,930	172,163	290,326	1,215,216	3.29
1/05 through 12/05	40,981,170	3	425,758	10	238,169	106,961	177,513	948,401	2.31
1/06 through 12/06	36,481,840	4	618,138	8	109,597	388,379	140,325	1,256,439	3.44
1/07 through 12/07	39,030,610	2	34,354	7	103,847	24,996	99,851	263,048	0.67
5 YR. TOTAL	190,054,845	19	2,095,524	54	1,114,571	1,106,154	950,631	5,266,880	2.77
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		44%	1.689		48%	1.082		2.77	
Pure Premium Indicated by National Relativity		28%	0.828		26%	0.843		1.67	
Pure Premium Present on Rate Level		28%	1.969		26%	1.277		3.25	
Pure Premium Derived by Formula			1.526			1.071		2.60	

CLASS 2130		SPIRITUOUS LIQUOR DISTILLERY							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	481,698	0	0	0	0	0	0	0	0.00
1/04 through 12/04	795,945	0	0	0	0	0	0	0	0.00
1/05 through 12/05	786,298	0	0	0	0	0	0	0	0.00
1/06 through 12/06	959,151	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,003,674	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	4,026,766	0	0	0	0	0	0	0	0.00
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		8%	0.000		10%	0.000		0.00	
Pure Premium Indicated by National Relativity		46%	1.076		45%	1.410		2.49	
Pure Premium Present on Rate Level		46%	1.117		45%	1.039		2.16	
Pure Premium Derived by Formula			1.009			1.102		2.11	

CLASS 2131		SPIRITUOUS LIQUOR BOTTLING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,293	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	78,764	0	0	0	0	0	0	0	0.00
1/06 through 12/06	21,730	0	0	0	0	0	0	0	0.00
1/07 through 12/07	75,892	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	178,679	0	0	0	0	0	0	0	0.00
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.000		3%	0.000		0.00	
Pure Premium Indicated by National Relativity		45%	1.235		48%	1.400		2.64	
Pure Premium Present on Rate Level		53%	1.018		49%	1.138		2.16	
Pure Premium Derived by Formula			1.095			1.230		2.33	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2143		FRUIT JUICE MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,781,846	0	0	0	0	0	1,822	1,822	0.07
1/04 through 12/04	2,058,107	1	69,547	0	0	127,917	49,523	246,987	12.00
1/05 through 12/05	2,204,236	0	0	2	21,363	0	22,004	43,367	1.97
1/06 through 12/06	2,331,169	0	0	1	19,273	0	19,635	38,908	1.67
1/07 through 12/07	2,757,148	0	0	0	0	0	9,512	9,512	0.35
5 YR. TOTAL	12,132,506	1	69,547	3	40,636	127,917	102,496	340,596	2.81
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.908	16%	1.899	2.81			
Pure Premium Indicated by National Relativity		42%	0.946	42%	1.230	2.18			
Pure Premium Present on Rate Level		45%	1.326	42%	1.207	2.53			
Pure Premium Derived by Formula		1.112		1.327		2.44			

CLASS 2157		BOTTLING-ALL OPERATIONS & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	178,374,032	30	2,740,117	148	2,710,937	2,661,534	2,538,389	10,650,977	5.97
1/04 through 12/04	64,236,226	7	776,051	40	401,162	634,851	542,177	2,354,241	3.67
1/05 through 12/05	188,579,382	19	1,817,219	116	1,850,945	1,670,278	1,878,507	7,216,949	3.83
1/06 through 12/06	185,157,796	29	3,584,197	116	2,619,121	2,008,397	2,201,890	10,413,605	5.62
1/07 through 12/07	192,832,954	22	3,219,418	102	1,581,333	2,412,443	1,821,131	9,034,325	4.69
5 YR. TOTAL	809,180,390	107	12,137,002	522	9,163,498	9,387,503	8,982,094	39,670,097	4.90
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		82%	2.632	100%	2.270	4.90			
Pure Premium Indicated by National Relativity		9%	2.696	0%	2.400	5.10			
Pure Premium Present on Rate Level		9%	2.153	0%	2.078	4.23			
Pure Premium Derived by Formula		2.595		2.270		4.87			

CLASS 2172		TOBACCO PRODUCTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	249,666,894	16	1,318,886	69	1,915,631	1,084,915	1,262,595	5,582,027	2.24
1/04 through 12/04	252,543,567	14	1,473,665	60	814,662	941,108	831,394	4,060,829	1.61
1/05 through 12/05	259,768,642	13	1,471,915	82	1,564,919	861,944	950,420	4,849,198	1.87
1/06 through 12/06	266,765,367	9	1,030,493	52	1,222,474	752,675	866,186	3,871,828	1.45
1/07 through 12/07	255,248,196	14	1,850,655	49	1,251,055	985,926	975,251	5,062,887	1.98
5 YR. TOTAL	1,283,992,666	66	7,145,614	312	6,768,741	4,626,568	4,885,846	23,426,769	1.83
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		76%	1.084	85%	0.741	1.83			
Pure Premium Indicated by National Relativity		12%	0.827	7%	0.848	1.68			
Pure Premium Present on Rate Level		12%	1.125	8%	0.767	1.89			
Pure Premium Derived by Formula		1.058		0.751		1.81			

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

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EFFECTIVE 4/1/2011

CLASS 2174		TOBACCO REHANDLING OR WAREHOUSING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	44,692,692	4	137,932	11	196,546	88,014	463,053	885,545	1.98
1/04 through 12/04	30,895,642	5	183,079	11	211,638	119,813	237,413	751,943	2.43
1/05 through 12/05	57,175,895	5	107,714	8	145,272	108,228	229,828	591,042	1.03
1/06 through 12/06	41,786,680	7	558,692	8	149,994	312,741	402,015	1,423,442	3.41
1/07 through 12/07	46,820,370	4	235,988	11	192,554	289,379	288,438	1,006,359	2.15
5 YR. TOTAL	221,371,279	25	1,223,405	49	896,004	918,175	1,620,747	4,658,331	2.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	0.957	51%	1.147	2.10			
Pure Premium Indicated by National Relativity		25%	1.488	24%	1.345	2.83			
Pure Premium Present on Rate Level		34%	1.373	25%	1.262	2.64			
Pure Premium Derived by Formula		1.231		1.223		2.45			

CLASS 2211		COTTON BATTING, WADDING OR WASTE MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,093,093	2	4,735	7	442,866	13,342	566,985	1,027,928	16.87
1/04 through 12/04	6,711,520	1	184,048	5	87,982	334,444	299,717	906,191	13.50
1/05 through 12/05	7,768,761	0	0	2	20,885	0	106,223	127,108	1.64
1/06 through 12/06	6,610,013	0	0	4	45,165	0	165,759	210,924	3.19
1/07 through 12/07	7,556,714	2	265,212	3	71,369	1,089,075	136,431	1,562,087	20.67
5 YR. TOTAL	34,740,101	5	453,995	21	668,267	1,436,861	1,275,115	3,834,238	11.04
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	3.230	39%	7.806	11.04			
Pure Premium Indicated by National Relativity		26%	1.418	28%	1.772	3.19			
Pure Premium Present on Rate Level		49%	2.616	33%	3.992	6.61			
Pure Premium Derived by Formula		2.458		4.858		7.32			

CLASS 2220		YARN OR THREAD MFG-COTTON							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	153,503,938	18	778,443	88	1,407,460	482,544	1,922,028	4,590,475	2.99
1/04 through 12/04	222,167,615	25	1,799,251	78	1,603,169	1,384,989	1,570,921	6,358,330	2.86
1/05 through 12/05	198,699,173	29	1,589,731	79	1,458,075	2,682,979	1,615,593	7,346,378	3.70
1/06 through 12/06	179,479,551	10	898,344	50	1,033,551	411,856	1,266,558	3,610,309	2.01
1/07 through 12/07	188,245,827	17	895,615	47	858,922	1,389,664	1,262,300	4,406,501	2.34
5 YR. TOTAL	942,096,104	99	5,961,384	342	6,361,177	6,352,032	7,637,400	26,311,993	2.79
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		69%	1.308	91%	1.485	2.79			
Pure Premium Indicated by National Relativity		15%	1.055	4%	1.192	2.25			
Pure Premium Present on Rate Level		16%	1.211	5%	1.230	2.44			
Pure Premium Derived by Formula		1.255		1.461		2.72			

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

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EFFECTIVE 4/1/2011

CLASS 2286		WOOL SPINNING AND WEAVING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	23,350,787	1	41,004	3	10,170	6,553	22,012	79,739	0.34
1/04 through 12/04	16,426,889	0	0	0	0	0	22,146	22,146	0.14
1/05 through 12/05	15,165,861	0	0	1	27	0	11,002	11,029	0.07
1/06 through 12/06	14,925,585	0	0	4	84,118	0	67,900	152,018	1.02
1/07 through 12/07	16,198,361	1	44,822	1	261	106,551	12,878	164,512	1.02
5 YR. TOTAL	86,067,483	2	85,826	9	94,576	113,104	135,938	429,444	0.50
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.210		28%	0.289		0.50	
Pure Premium Indicated by National Relativity		31%	0.967		33%	1.387		2.35	
Pure Premium Present on Rate Level		50%	0.564		39%	0.687		1.25	
Pure Premium Derived by Formula		0.622			0.807			1.43	

CLASS 2288		FELTING MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	27,180,050	0	0	10	197,643	0	295,769	493,412	1.82
1/04 through 12/04	20,224,454	1	31,511	2	29,136	0	68,796	129,443	0.64
1/05 through 12/05	25,684,298	3	321,153	8	282,217	160,479	197,370	961,219	3.74
1/06 through 12/06	24,330,051	1	68,726	10	288,547	97,137	269,966	724,376	2.98
1/07 through 12/07	25,287,874	1	6,476	5	40,701	12,849	90,985	151,011	0.60
5 YR. TOTAL	122,706,727	6	427,866	35	838,244	270,465	922,886	2,459,461	2.01
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		31%	1.032		43%	0.973		2.01	
Pure Premium Indicated by National Relativity		34%	1.070		28%	1.326		2.40	
Pure Premium Present on Rate Level		35%	1.282		29%	1.443		2.73	
Pure Premium Derived by Formula		1.132			1.208			2.34	

CLASS 2300	PLUSH MFG								
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	3,491,647	1	53,351	1	715	4,020	14,768	72,854	2.09
1/04 through 12/04	3,792,314	1	53,819	2	6,122	133,760	21,219	214,920	5.67
1/05 through 12/05	28,445,027	0	0	8	97,936	0	109,667	207,603	0.73
1/06 through 12/06	18,037,692	0	0	13	286,783	0	238,225	525,008	2.91
1/07 through 12/07	3,166,635	0	0	1	4,515	0	9,950	14,465	0.46
5 YR. TOTAL	56,933,315	2	107,170	25	396,071	137,780	393,829	1,034,850	1.82
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	0.884		28%	0.934		1.82	
Pure Premium Indicated by National Relativity		20%	1.179		21%	1.098		2.28	
Pure Premium Present on Rate Level		56%	1.386		51%	1.127		2.51	
Pure Premium Derived by Formula		1.224			1.067			2.29	

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

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CLASS 2302		SILK THREAD OR YARN MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	302,939,050	22	2,151,989	49	838,416	2,502,503	932,065	6,424,973	2.12
1/04 through 12/04	295,419,824	11	951,498	50	631,028	541,761	993,175	3,117,462	1.06
1/05 through 12/05	260,717,828	10	308,926	44	326,321	214,985	554,711	1,404,943	0.54
1/06 through 12/06	227,949,312	14	865,657	54	990,579	1,072,218	1,721,774	4,650,228	2.04
1/07 through 12/07	218,915,503	7	496,639	46	1,407,606	486,608	1,533,124	3,923,977	1.79
5 YR. TOTAL	1,305,941,517	64	4,774,709	243	4,193,950	4,818,075	5,734,849	19,521,583	1.50
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		65%	0.687	86%		0.808		1.50	
Pure Premium Indicated by National Relativity		17%	0.737	7%		0.703		1.44	
Pure Premium Present on Rate Level		18%	0.751	7%		0.774		1.53	
Pure Premium Derived by Formula		0.707			0.798			1.51	

CLASS 2305		TEXTILE FIBER MFG-SYNTHETIC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	235,570,993	29	1,569,959	41	597,450	783,339	796,283	3,747,031	1.59
1/04 through 12/04	217,247,053	13	1,177,915	41	926,222	735,795	1,387,815	4,227,747	1.95
1/05 through 12/05	195,928,970	17	1,015,817	62	2,038,534	715,448	1,489,853	5,259,652	2.69
1/06 through 12/06	223,166,608	15	1,046,570	57	2,091,509	1,101,979	2,318,274	6,558,332	2.94
1/07 through 12/07	223,998,926	16	945,750	59	2,111,107	1,220,253	1,932,352	6,209,462	2.77
5 YR. TOTAL	1,095,912,550	90	5,756,011	260	7,764,822	4,556,814	7,924,577	26,002,224	2.37
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		72%	1.234		87%	1.139		2.37	
Pure Premium Indicated by National Relativity		14%	0.816		6%	0.899		1.72	
Pure Premium Present on Rate Level		14%	1.177		7%	0.959		2.14	
Pure Premium Derived by Formula		1.168			1.112			2.28	

CLASS 2361		HOSIERY MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	260,973,142	20	905,051	90	1,381,660	932,504	1,482,681	4,701,896	1.80
1/04 through 12/04	277,880,049	23	779,837	88	1,168,946	680,574	1,228,748	3,858,105	1.39
1/05 through 12/05	325,945,548	25	1,790,303	85	1,020,010	1,579,806	1,426,214	5,816,333	1.78
1/06 through 12/06	293,807,818	12	832,592	84	1,007,031	1,002,818	1,246,324	4,088,765	1.39
1/07 through 12/07	203,087,091	5	291,297	60	735,009	208,176	1,127,627	2,362,109	1.16
5 YR. TOTAL	1,361,693,648	85	4,599,080	407	5,312,656	4,403,878	6,511,594	20,827,208	1.53
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		68%	0.728		94%	0.802		1.53	
Pure Premium Indicated by National Relativity		16%	0.515		3%	0.716		1.23	
Pure Premium Present on Rate Level		16%	0.809		3%	0.930		1.74	
Pure Premium Derived by Formula		0.707			0.803			1.51	

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

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CLASS 2362		KNIT GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	191,758,174	11	754,886	46	1,239,068	985,685	922,448	3,902,087	2.04
1/04 through 12/04	145,499,370	16	996,766	44	1,137,425	1,494,389	881,436	4,510,016	3.10
1/05 through 12/05	208,673,371	9	218,830	52	983,685	272,929	1,353,191	2,828,635	1.36
1/06 through 12/06	174,719,509	8	214,594	38	847,748	240,488	959,994	2,262,824	1.30
1/07 through 12/07	188,079,536	9	845,111	41	696,386	788,884	1,009,983	3,340,364	1.78
5 YR. TOTAL	908,729,960	53	3,030,187	221	4,904,312	3,782,375	5,127,052	16,843,926	1.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		62%	0.873	85%	0.980	1.85			
Pure Premium Indicated by National Relativity		19%	0.548	7%	0.934	1.48			
Pure Premium Present on Rate Level		19%	0.957	8%	1.087	2.04			
Pure Premium Derived by Formula		0.827		0.985		1.81			

CLASS 2380		WEBBING MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	55,848,774	5	188,705	14	110,565	116,740	232,305	648,315	1.16
1/04 through 12/04	47,909,522	0	0	16	338,786	0	309,313	648,099	1.35
1/05 through 12/05	36,741,545	1	125,669	5	51,045	36,066	114,410	327,190	0.89
1/06 through 12/06	34,699,469	1	26,809	10	198,025	32,990	385,062	642,886	1.85
1/07 through 12/07	34,267,319	2	397,567	7	90,940	366,155	118,403	973,065	2.84
5 YR. TOTAL	209,466,629	9	738,750	52	789,361	551,951	1,159,493	3,239,555	1.55
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	0.730	44%	0.817	1.55			
Pure Premium Indicated by National Relativity		32%	1.110	28%	1.490	2.60			
Pure Premium Present on Rate Level		32%	1.045	28%	0.928	1.97			
Pure Premium Derived by Formula		0.952		1.037		1.99			

CLASS 2386		LACE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,601,525	0	0	0	0	0	6,963	6,963	0.12
1/04 through 12/04	4,205,696	0	0	1	5,172	0	12,947	18,119	0.43
1/05 through 12/05	4,016,061	0	0	1	187,306	0	58,273	245,579	6.12
1/06 through 12/06	3,436,356	0	0	0	0	0	1,732	1,732	0.05
1/07 through 12/07	3,006,005	0	0	0	0	0	2,233	2,233	0.07
5 YR. TOTAL	20,265,643	0	0	2	192,478	0	82,148	274,626	1.36
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.950	13%	0.405	1.36			
Pure Premium Indicated by National Relativity		14%	0.616	15%	0.816	1.43			
Pure Premium Present on Rate Level		75%	0.566	72%	0.462	1.03			
Pure Premium Derived by Formula		0.615		0.508		1.12			

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

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CLASS 2388		EMBROIDERY MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,594,540	0	0	3	53,909	0	48,827	102,736	1.07
1/04 through 12/04	9,608,385	1	12,505	1	15,698	23,735	19,653	71,591	0.75
1/05 through 12/05	8,415,249	0	0	4	327,704	0	323,592	651,296	7.74
1/06 through 12/06	8,657,985	0	0	3	109,720	0	92,491	202,211	2.34
1/07 through 12/07	10,604,452	1	1,217	2	46,572	1,058	59,860	108,707	1.03
5 YR. TOTAL	46,880,611	2	13,722	13	553,603	24,793	544,423	1,136,541	2.42
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	1.210	29%	1.214	2.42			
Pure Premium Indicated by National Relativity		40%	0.796	35%	0.989	1.79			
Pure Premium Present on Rate Level		40%	1.067	36%	1.404	2.47			
Pure Premium Derived by Formula		0.987		1.204		2.19			

CLASS 2402		CARPET OR RUG MFG NOC							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,879,720	1	8,184	6	23,819	7,194	67,451	106,648	1.20
1/04 through 12/04	13,450,762	1	10,066	5	228,814	11,257	204,854	454,991	3.38
1/05 through 12/05	14,512,624	5	201,762	7	128,894	356,077	177,661	864,394	5.96
1/06 through 12/06	34,953,373	4	296,040	7	55,713	356,208	170,475	878,436	2.51
1/07 through 12/07	37,488,142	2	48,320	6	104,586	118,620	253,630	525,156	1.40
5 YR. TOTAL	109,284,621	13	564,372	31	541,826	849,356	874,071	2,829,625	2.59
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	1.012	39%	1.577	2.59			
Pure Premium Indicated by National Relativity		36%	1.311	30%	1.438	2.75			
Pure Premium Present on Rate Level		36%	1.140	31%	1.270	2.41			
Pure Premium Derived by Formula		1.166		1.440		2.61			

CLASS 2413		TEXTILE-BLEACHING, DYEING, MERCERIZING, FINISHING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	117,302,598	12	617,400	35	1,052,038	491,295	950,195	3,110,928	2.65
1/04 through 12/04	114,413,021	6	257,321	26	132,668	242,038	244,205	876,232	0.77
1/05 through 12/05	101,276,874	6	246,100	32	504,696	259,185	625,246	1,635,227	1.61
1/06 through 12/06	89,865,093	10	562,503	31	372,773	689,624	595,350	2,220,250	2.47
1/07 through 12/07	77,763,595	4	253,895	27	483,097	238,417	647,136	1,622,545	2.09
5 YR. TOTAL	500,621,181	38	1,937,219	151	2,545,272	1,920,559	3,062,132	9,465,182	1.89
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		50%	0.895	66%	0.995	1.89			
Pure Premium Indicated by National Relativity		25%	0.983	17%	1.304	2.29			
Pure Premium Present on Rate Level		25%	0.999	17%	1.056	2.06			
Pure Premium Derived by Formula		0.943		1.058		2.00			

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

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EFFECTIVE 4/1/2011

CLASS 2416		YARN DYEING OR FINISHING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	45,720,454	2	160,659	9	56,094	262,599	94,452	573,804	1.26
1/04 through 12/04	39,382,004	4	256,277	11	174,860	398,075	153,556	982,768	2.50
1/05 through 12/05	43,305,687	1	142,108	9	53,804	83,501	110,142	389,555	0.90
1/06 through 12/06	42,316,648	4	153,641	12	187,681	237,460	156,281	735,063	1.74
1/07 through 12/07	39,053,237	1	408,261	8	67,516	219,509	117,888	813,174	2.08
5 YR. TOTAL	209,778,030	12	1,120,946	49	539,955	1,201,144	632,319	3,494,364	1.67
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		27%	0.792		40%	0.874		1.67	
Pure Premium Indicated by National Relativity		22%	0.374		23%	0.709		1.08	
Pure Premium Present on Rate Level		51%	0.523		37%	0.728		1.25	
Pure Premium Derived by Formula		0.563			0.782			1.35	

CLASS 2417		CLOTH PRINTING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	19,907,599	1	51,879	5	122,719	46,495	89,157	310,250	1.56
1/04 through 12/04	18,183,890	4	286,008	3	93,794	146,150	45,559	571,511	3.14
1/05 through 12/05	14,657,417	2	216,236	4	44,204	109,727	61,573	431,740	2.95
1/06 through 12/06	11,966,136	2	253,921	3	49,916	94,327	45,995	444,159	3.71
1/07 through 12/07	9,752,651	0	0	1	3,538	0	19,023	22,561	0.23
5 YR. TOTAL	74,467,693	9	808,044	16	314,171	396,699	261,307	1,780,221	2.39
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	1.507		27%	0.884		2.39	
Pure Premium Indicated by National Relativity		30%	0.791		32%	0.874		1.67	
Pure Premium Present on Rate Level		47%	0.951		41%	0.738		1.69	
Pure Premium Derived by Formula		1.031			0.821			1.85	

CLASS 2501		CLOTH, CANVAS AND RELATED PRODUCTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	347,877,132	15	833,229	105	1,587,899	1,111,076	2,199,598	5,731,802	1.65
1/04 through 12/04	290,999,009	30	1,880,398	130	2,298,518	1,452,247	2,597,841	8,229,004	2.83
1/05 through 12/05	310,596,202	22	1,601,670	92	2,267,359	1,255,745	2,301,436	7,426,210	2.39
1/06 through 12/06	250,338,317	16	721,952	69	1,378,913	1,122,348	1,645,953	4,869,166	1.95
1/07 through 12/07	226,086,761	12	658,880	66	830,584	693,825	1,251,410	3,434,699	1.52
5 YR. TOTAL	1,425,897,421	95	5,696,129	462	8,363,273	5,635,241	9,996,238	29,690,881	2.08
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		75%	0.986		100%	1.096		2.08	
Pure Premium Indicated by National Relativity		12%	0.908		0%	1.172		2.08	
Pure Premium Present on Rate Level		13%	0.996		0%	1.048		2.04	
Pure Premium Derived by Formula		0.978			1.096			2.07	

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

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EFFECTIVE 4/1/2011

CLASS 2503		DRESSMAKING OR TAILORING-CUSTOM EXCLUSIVELY							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,160,483	0	0	0	0	0	259	259	0.01
1/04 through 12/04	2,266,536	0	0	0	0	0	322	322	0.01
1/05 through 12/05	2,649,544	0	0	0	0	0	850	850	0.03
1/06 through 12/06	4,808,590	0	0	2	99,591	0	115,707	215,298	4.48
1/07 through 12/07	5,778,548	0	0	3	78,905	0	81,948	160,853	2.78
5 YR. TOTAL	17,663,701	0	0	5	178,496	0	199,086	377,582	2.14
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	1.011	13%	1.127	2.14			
Pure Premium Indicated by National Relativity		35%	0.435	37%	0.522	0.96			
Pure Premium Present on Rate Level		55%	0.469	50%	0.467	0.94			
Pure Premium Derived by Formula		0.511		0.573		1.08			

CLASS 2534		FEATHER OR FLOWER MFG-ARTIFICIAL							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,403,651	3	30,925	1	817	36,047	4,198	71,987	2.12
1/04 through 12/04	1,386,693	0	0	0	0	0	2,082	2,082	0.15
1/05 through 12/05	689,141	0	0	0	0	0	2,927	2,927	0.43
1/06 through 12/06	146,954	0	0	0	0	0	0	0	0.00
1/07 through 12/07	153,403	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	5,779,842	3	30,925	1	817	36,047	9,207	76,996	1.33
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.549	10%	0.783	1.33			
Pure Premium Indicated by National Relativity		21%	1.034	22%	2.512	3.55			
Pure Premium Present on Rate Level		71%	0.813	68%	0.855	1.67			
Pure Premium Derived by Formula		0.838		1.212		2.05			

CLASS 2570		MATTRESS OR BOX SPRING MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	26,751,291	1	190,676	10	179,840	117,365	135,050	622,931	2.33
1/04 through 12/04	28,641,231	1	40,795	5	216,040	12,787	177,627	447,249	1.56
1/05 through 12/05	30,899,359	1	88,376	6	73,168	53,534	121,777	336,855	1.09
1/06 through 12/06	29,823,729	4	390,540	18	513,242	85,846	434,921	1,424,549	4.78
1/07 through 12/07	31,740,333	6	297,134	16	416,237	272,882	395,415	1,381,668	4.35
5 YR. TOTAL	147,855,943	13	1,007,521	55	1,398,527	542,414	1,264,790	4,213,252	2.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		34%	1.627	42%	1.222	2.85			
Pure Premium Indicated by National Relativity		33%	1.369	29%	1.484	2.85			
Pure Premium Present on Rate Level		33%	1.334	29%	1.138	2.47			
Pure Premium Derived by Formula		1.445		1.274		2.72			

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

NORTH CAROLINA

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CLASS 2585		LAUNDRY NOC & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	92,732,563	11	349,147	41	432,530	370,698	852,599	2,004,974	2.16
1/04 through 12/04	95,414,913	11	602,421	30	673,104	358,830	626,621	2,260,976	2.37
1/05 through 12/05	101,713,298	12	1,077,841	46	954,420	793,130	992,975	3,818,366	3.75
1/06 through 12/06	112,801,001	16	1,062,996	35	566,396	913,986	956,561	3,499,939	3.10
1/07 through 12/07	110,194,580	15	1,025,946	39	662,272	720,047	1,186,134	3,594,399	3.26
5 YR. TOTAL	512,856,355	65	4,118,351	191	3,288,722	3,156,691	4,614,890	15,178,654	2.96
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		58%	1.444	77%	1.515	2.96			
Pure Premium Indicated by National Relativity		21%	1.347	11%	1.634	2.98			
Pure Premium Present on Rate Level		21%	1.469	12%	1.510	2.98			
Pure Premium Derived by Formula		1.429		1.527		2.96			

CLASS 2586		CLEANING OR DYEING & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,965,242	0	0	1	25,515	0	66,291	91,806	1.85
1/04 through 12/04	4,460,977	0	0	2	12,818	0	61,489	74,307	1.67
1/05 through 12/05	4,652,473	0	0	1	49,098	0	20,550	69,648	1.50
1/06 through 12/06	4,194,285	0	0	2	10,817	0	38,001	48,818	1.16
1/07 through 12/07	4,472,778	1	126,529	0	0	158,728	1,993	287,250	6.42
5 YR. TOTAL	22,745,755	1	126,529	6	98,248	158,728	188,324	571,829	2.51
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.988	18%	1.526	2.51			
Pure Premium Indicated by National Relativity		43%	0.969	41%	1.275	2.24			
Pure Premium Present on Rate Level		44%	0.774	41%	0.853	1.63			
Pure Premium Derived by Formula		0.886		1.147		2.03			

CLASS 2587		TOWEL OR TOILET SUPPLY CO. & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,217,401	1	4,920	5	255,947	13,651	201,167	475,685	14.79
1/04 through 12/04	3,199,662	0	0	3	39,434	0	58,064	97,498	3.05
1/05 through 12/05	3,238,023	0	0	0	0	0	5,004	5,004	0.16
1/06 through 12/06	3,469,595	0	0	1	6,750	0	15,996	22,746	0.66
1/07 through 12/07	3,495,031	1	339,758	0	0	171,091	7,997	518,846	14.85
5 YR. TOTAL	16,619,712	2	344,678	9	302,131	184,742	288,228	1,119,779	6.74
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	3.892	22%	2.846	6.74			
Pure Premium Indicated by National Relativity		41%	1.859	39%	2.380	4.24			
Pure Premium Present on Rate Level		42%	1.948	39%	2.032	3.98			
Pure Premium Derived by Formula		2.242		2.347		4.59			

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

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EFFECTIVE 4/1/2011

CLASS 2589		LAUNDRY AND DRY CLEANING STORE-RETAIL-& ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	63,399,884	6	397,851	20	241,308	438,479	404,815	1,482,453	2.34
1/04 through 12/04	64,531,616	4	292,405	16	225,377	407,713	225,250	1,150,745	1.78
1/05 through 12/05	57,950,484	4	98,396	13	118,779	58,881	174,102	450,158	0.78
1/06 through 12/06	58,489,214	2	51,166	13	124,884	92,066	265,287	533,403	0.91
1/07 through 12/07	60,565,885	2	46,279	16	376,656	20,798	476,027	919,760	1.52
5 YR. TOTAL	304,937,083	18	886,097	78	1,087,004	1,017,937	1,545,481	4,536,519	1.49
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	0.647	50%	0.841	1.49			
Pure Premium Indicated by National Relativity		32%	0.763	25%	1.006	1.77			
Pure Premium Present on Rate Level		32%	0.751	25%	0.866	1.62			
Pure Premium Derived by Formula		0.717		0.889		1.61			

CLASS 2600		FUR PROCESSING-PREPARING SKINS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	561,107	0	0	0	0	0	0	0	0.00
1/04 through 12/04	769,677	0	0	0	0	0	0	0	0.00
1/05 through 12/05	771,819	0	0	1	2,973	0	0	2,973	0.39
1/06 through 12/06	838,497	0	0	0	0	0	6,991	6,991	0.83
1/07 through 12/07	909,057	0	0	0	0	0	1,626	1,626	0.18
5 YR. TOTAL	3,850,157	0	0	1	2,973	0	8,617	11,590	0.30
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.077	7%	0.224	0.30			
Pure Premium Indicated by National Relativity		9%	0.011	10%	0.265	0.28			
Pure Premium Present on Rate Level		84%	0.941	83%	0.545	1.49			
Pure Premium Derived by Formula		0.797		0.495		1.29			

CLASS 2623		LEATHER MFG.--INCLUDING TANNING, LEATHER EMBOSSEING, AND WOOL PULLING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	220,548	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	30,000	0	0	0	0	0	0	0	0.00
1/07 through 12/07	30,000	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	280,548	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		33%	2.595	35%	3.230	5.83			
Pure Premium Present on Rate Level		64%	1.470	61%	1.763	3.23			
Pure Premium Derived by Formula		1.797		2.206		4.00			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2651		SHOE STOCK MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,963,574	0	0	8	145,028	0	206,842	351,870	3.93
1/04 through 12/04	8,918,129	1	24,080	3	286,987	53,534	362,057	726,658	8.15
1/05 through 12/05	9,142,107	0	0	8	180,516	0	121,681	302,197	3.31
1/06 through 12/06	9,042,760	2	172,136	2	34,306	102,059	37,412	345,913	3.83
1/07 through 12/07	10,410,325	0	0	2	108,206	0	171,494	279,700	2.69
5 YR. TOTAL	46,476,895	3	196,216	23	755,043	155,593	899,486	2,006,338	4.32
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	2.047	30%	2.270	4.32			
Pure Premium Indicated by National Relativity		39%	0.622	35%	1.023	1.65			
Pure Premium Present on Rate Level		41%	1.129	35%	1.565	2.69			
Pure Premium Derived by Formula		1.115		1.587		2.70			

CLASS 2660		BOOT OR SHOE MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,460,536	0	0	0	0	0	7,558	7,558	0.14
1/04 through 12/04	3,973,564	0	0	2	67,956	0	42,200	110,156	2.77
1/05 through 12/05	4,750,007	0	0	2	23,700	0	13,375	37,075	0.78
1/06 through 12/06	4,344,976	1	36,503	1	1,225	56,452	6,613	100,793	2.32
1/07 through 12/07	5,617,512	1	16,179	3	6,331	28,359	22,831	73,700	1.31
5 YR. TOTAL	24,146,595	2	52,682	8	99,212	84,811	92,577	329,282	1.36
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.629	20%	0.735	1.36			
Pure Premium Indicated by National Relativity		43%	0.931	40%	1.037	1.97			
Pure Premium Present on Rate Level		43%	0.951	40%	1.103	2.05			
Pure Premium Derived by Formula		0.897		1.003		1.90			

CLASS 2670		GLOVE MFG-LEATHER OR TEXTILE							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,884,260	0	0	2	7,553	0	25,342	32,895	0.56
1/04 through 12/04	5,026,876	0	0	5	3,613	0	31,526	35,139	0.70
1/05 through 12/05	4,487,859	0	0	0	0	0	870	870	0.02
1/06 through 12/06	3,849,802	0	0	2	14,635	0	22,165	36,800	0.96
1/07 through 12/07	3,299,466	0	0	1	10,173	0	20,138	30,311	0.92
5 YR. TOTAL	22,548,263	0	0	10	35,974	0	100,041	136,015	0.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.160	17%	0.444	0.60			
Pure Premium Indicated by National Relativity		28%	1.071	29%	1.192	2.26			
Pure Premium Present on Rate Level		60%	0.623	54%	0.750	1.37			
Pure Premium Derived by Formula		0.693		0.826		1.52			

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

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EFFECTIVE 4/1/2011

CLASS 2683		LUGGAGE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	274,584	0	0	0	0	0	0	0	0.00
1/04 through 12/04	282,167	0	0	0	0	0	0	0	0.00
1/05 through 12/05	252,377	0	0	0	0	0	0	0	0.00
1/06 through 12/06	175,618	0	0	0	0	0	0	0	0.00
1/07 through 12/07	257,946	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,242,692	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	6%	0.000	0.00			
Pure Premium Indicated by National Relativity		25%	0.519	26%	0.763	1.28			
Pure Premium Present on Rate Level		71%	0.666	68%	0.899	1.57			
Pure Premium Derived by Formula		0.603		0.810		1.41			

CLASS 2688		LEATHER GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	10,569,672	1	246,789	2	144,717	426,739	476,952	1,295,197	12.25
1/04 through 12/04	11,194,757	2	167,178	3	137,593	78,062	339,606	722,439	6.45
1/05 through 12/05	17,440,469	0	0	6	60,039	0	125,063	185,102	1.06
1/06 through 12/06	11,454,700	2	43,137	3	45,781	75,029	53,128	217,075	1.90
1/07 through 12/07	12,811,987	1	178,481	7	72,403	100,433	81,152	432,469	3.38
5 YR. TOTAL	63,471,585	6	635,585	21	460,533	680,263	1,075,901	2,852,282	4.49
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		27%	1.727	38%	2.767	4.49			
Pure Premium Indicated by National Relativity		36%	1.504	31%	1.917	3.42			
Pure Premium Present on Rate Level		37%	1.657	31%	2.105	3.76			
Pure Premium Derived by Formula		1.621		2.298		3.92			

CLASS 2702 + +		LOGGING OR TREE REMOVAL - NONMECHANIZED OPERATIONS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	32,362	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	32,362	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	3%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	12.306	48%	11.903	24.21			
Pure Premium Present on Rate Level		49%	5.289	49%	6.709	12.00			
Pure Premium Derived by Formula		8.622		9.001		17.62			

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

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EFFECTIVE 4/1/2011

CLASS 2705		LOGGING OR TREE REMOVAL-PULPWOOD ONLY-ALL OPERATIONS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	42,872	0	0	0	0	0	0	0	0.00
1/04 through 12/04	26,344	0	0	0	0	0	0	0	0.00
1/05 through 12/05	57,294	0	0	0	0	0	0	0	0.00
1/06 through 12/06	40,630	0	0	0	0	0	0	0	0.00
1/07 through 12/07	83,552	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	250,692	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.000	8%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		92%	23.145	92%	11.363	34.51			
Pure Premium Derived by Formula		21.293		10.454		31.75			

CLASS 2706		LOGGING OR LUMBERING ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	59,744,791	16	1,780,353	64	2,150,247	2,965,914	2,354,082	9,250,596	15.48
1/04 through 12/04	63,697,833	5	471,189	40	1,120,977	1,440,916	1,310,490	4,343,572	6.82
1/05 through 12/05	63,544,043	11	1,307,850	45	1,627,679	2,023,650	1,701,209	6,660,388	10.48
1/06 through 12/06	61,816,722	14	1,925,127	35	1,336,854	2,624,318	2,125,770	8,012,069	12.96
1/07 through 12/07	59,644,951	8	2,762,313	28	1,669,753	3,943,299	2,208,429	10,583,794	17.75
5 YR. TOTAL	308,448,340	54	8,246,832	212	7,905,510	12,998,097	9,699,980	38,850,419	12.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		80%	5.237	100%	7.359	12.60			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		20%	5.289	0%	6.709	12.00			
Pure Premium Derived by Formula		5.247		7.359		12.61			

CLASS 2709 + +		LOGGING OR TREE REMOVAL - MECHANIZED EQUIPMENT OPERATORS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	3,510	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,510	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.000	1%	0.000	0.00			
Pure Premium Indicated by National Relativity		36%	4.484	38%	2.970	7.45			
Pure Premium Present on Rate Level		63%	5.289	61%	6.709	12.00			
Pure Premium Derived by Formula		4.946		5.221		10.17			

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

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CLASS 2710		SAW MILL							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	46,599,337	10	1,279,425	36	1,162,616	1,321,760	1,672,345	5,436,146	11.67
1/04 through 12/04	56,598,122	9	700,197	61	1,828,278	2,085,221	1,938,051	6,551,747	11.58
1/05 through 12/05	54,340,596	10	1,104,868	58	1,279,607	992,369	1,582,280	4,959,124	9.13
1/06 through 12/06	56,605,839	8	1,058,902	55	1,221,565	959,358	1,627,291	4,867,116	8.60
1/07 through 12/07	63,799,427	6	318,141	43	1,509,197	422,400	1,677,010	3,926,748	6.16
5 YR. TOTAL	277,943,321	43	4,461,533	253	7,001,263	5,781,108	8,496,977	25,740,881	9.26
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		71%	4.124		100%	5.137		9.26	
Pure Premium Indicated by National Relativity		14%	3.301		0%	3.730		7.03	
Pure Premium Present on Rate Level		15%	4.445		0%	5.469		9.91	
Pure Premium Derived by Formula		4.057			5.137			9.19	

CLASS 2714	VENEER MFG								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,495,267	0	0	8	63,185	0	95,293	158,478	1.87
1/04 through 12/04	10,414,682	4	200,950	3	26,209	440,676	105,767	773,602	7.43
1/05 through 12/05	7,323,817	1	76,510	5	171,129	102,859	316,394	666,892	9.11
1/06 through 12/06	6,315,506	1	63,972	5	47,551	65,211	206,961	383,695	6.08
1/07 through 12/07	4,943,214	1	127,261	4	116,835	155,882	164,049	564,027	11.41
5 YR. TOTAL	37,492,486	7	468,693	25	424,909	764,628	888,464	2,546,694	6.79
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		20%	2.383		33%	4.409		6.79	
Pure Premium Indicated by National Relativity		40%	1.622		33%	1.805		3.43	
Pure Premium Present on Rate Level		40%	1.377		34%	2.425		3.80	
Pure Premium Derived by Formula		1.676			2.875			4.55	

CLASS 2727	LOG HAULING & DRIVERS								
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							TOTAL
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	15,849,767	3	509,673	8	340,359	906,873	241,972	1,998,877	12.61
1/04 through 12/04	18,584,842	4	310,675	12	303,150	340,202	305,256	1,259,283	6.78
1/05 through 12/05	19,289,478	2	157,755	6	271,579	102,674	120,558	652,566	3.38
1/06 through 12/06	19,479,062	4	779,630	7	380,686	541,446	232,351	1,934,113	9.93
1/07 through 12/07	21,224,825	3	439,841	11	787,406	397,728	430,303	2,055,278	9.68
5 YR. TOTAL	94,427,974	16	2,197,574	44	2,083,180	2,288,923	1,330,440	7,900,117	8.37
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		47%	4.533		53%	3.833		8.37	
Pure Premium Indicated by National Relativity		23%	1.236		23%	0.890		2.13	
Pure Premium Present on Rate Level		30%	4.500		24%	3.217		7.72	
Pure Premium Derived by Formula		3.765			3.008			6.77	

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

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CLASS 2731		PLANING OR MOLDING MILL							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	42,798,933	7	229,569	28	704,981	372,640	796,581	2,103,771	4.92
1/04 through 12/04	48,082,957	6	606,969	31	450,093	943,778	842,363	2,843,203	5.91
1/05 through 12/05	57,699,263	2	96,093	25	324,282	220,452	612,576	1,253,403	2.17
1/06 through 12/06	55,423,169	5	275,641	21	472,155	313,076	584,766	1,645,638	2.97
1/07 through 12/07	57,388,480	2	101,721	20	421,986	160,374	624,796	1,308,877	2.28
5 YR. TOTAL	261,392,802	22	1,309,993	125	2,373,497	2,010,320	3,461,082	9,154,892	3.50
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		48%	1.409	69%	2.093	3.50			
Pure Premium Indicated by National Relativity		26%	1.683	15%	2.217	3.90			
Pure Premium Present on Rate Level		26%	1.730	16%	2.245	3.98			
Pure Premium Derived by Formula		1.564		2.136		3.70			

CLASS 2735		FURNITURE STOCK MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	14,536,546	0	0	13	259,172	0	304,526	563,698	3.88
1/04 through 12/04	13,998,693	2	127,862	17	385,429	130,012	329,886	973,189	6.95
1/05 through 12/05	12,099,253	2	160,439	12	56,095	130,358	64,550	411,442	3.40
1/06 through 12/06	11,736,053	1	2,141	9	88,406	36,905	122,189	249,641	2.13
1/07 through 12/07	8,725,026	1	33,426	5	68,139	12,945	69,231	183,741	2.11
5 YR. TOTAL	61,095,571	6	323,868	56	857,241	310,220	890,382	2,381,711	3.90
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	1.933	38%	1.965	3.90			
Pure Premium Indicated by National Relativity		37%	1.694	31%	2.192	3.89			
Pure Premium Present on Rate Level		37%	1.598	31%	2.113	3.71			
Pure Premium Derived by Formula		1.721		2.081		3.80			

CLASS 2759		BOX OR BOX SHOOK MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	35,550,880	5	176,526	25	276,646	53,787	367,249	874,208	2.46
1/04 through 12/04	39,861,171	5	162,796	37	494,540	274,238	769,161	1,700,735	4.27
1/05 through 12/05	36,482,505	5	320,153	33	485,540	436,018	968,948	2,210,659	6.06
1/06 through 12/06	41,747,215	5	191,672	45	648,669	91,019	849,644	1,781,004	4.27
1/07 through 12/07	42,563,449	2	83,585	30	555,057	118,074	649,601	1,406,317	3.30
5 YR. TOTAL	196,205,220	22	934,732	170	2,460,452	973,136	3,604,603	7,972,923	4.06
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		45%	1.730	65%	2.333	4.06			
Pure Premium Indicated by National Relativity		27%	2.337	17%	3.240	5.58			
Pure Premium Present on Rate Level		28%	2.000	18%	2.555	4.56			
Pure Premium Derived by Formula		1.969		2.527		4.50			

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

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CLASS 2790		PATTERN MAKING NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,492,159	0	0	6	62,370	0	102,672	165,042	2.54
1/04 through 12/04	4,840,399	0	0	3	35,654	0	55,325	90,979	1.88
1/05 through 12/05	5,673,216	0	0	3	49,168	0	36,677	85,845	1.51
1/06 through 12/06	4,650,982	0	0	8	80,887	0	65,849	146,736	3.16
1/07 through 12/07	2,910,872	1	30,166	1	36,525	34,655	35,015	136,361	4.68
5 YR. TOTAL	24,567,628	1	30,166	21	264,604	34,655	295,538	624,963	2.54
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	1.200	19%	1.344	2.54			
Pure Premium Indicated by National Relativity		42%	0.645	40%	0.767	1.41			
Pure Premium Present on Rate Level		43%	1.023	41%	0.930	1.95			
Pure Premium Derived by Formula		0.891		0.943		1.83			

CLASS 2791		PIPE MFG. - WOODEN, TOBACCO							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,491	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	155,591	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,593	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	165,675	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	2%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.071	0.07			
Pure Premium Present on Rate Level		98%	0.770	98%	0.857	1.63			
Pure Premium Derived by Formula		0.755		0.840		1.60			

CLASS 2797		MANUFACTURED, MODULAR, OR PREFABRICATED HOME MANUFACTURING - SHOP WORK - ALL OPERATIONS & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	41,376,741	10	537,199	35	660,184	794,376	683,320	2,675,079	6.47
1/04 through 12/04	73,454,659	18	1,323,721	32	687,623	1,132,009	1,022,358	4,165,711	5.67
1/05 through 12/05	80,057,335	13	847,797	50	911,799	695,559	1,480,507	3,935,662	4.92
1/06 through 12/06	37,565,275	9	474,303	29	605,592	583,671	783,786	2,447,352	6.52
1/07 through 12/07	62,629,615	8	515,189	27	426,663	279,988	929,470	2,151,310	3.44
5 YR. TOTAL	295,083,625	58	3,698,209	173	3,291,861	3,485,603	4,899,441	15,375,114	5.21
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		57%	2.369	79%	2.842	5.21			
Pure Premium Indicated by National Relativity		21%	1.508	10%	1.896	3.40			
Pure Premium Present on Rate Level		22%	2.376	11%	2.820	5.20			
Pure Premium Derived by Formula		2.190		2.745		4.94			

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

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CLASS 2799 + +		MANUFACTURED, MODULAR, OR PREFABRICATED HOME SETUP, HOOKUP, OR INSTALLATION AT BUILDING SITE							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.000	100%	0.000	0.00			
Pure Premium Derived by Formula		0.000		0.000		0.00			

CLASS 2802		CARPENTRY-SHOP ONLY-& DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	96,660,758	18	1,196,705	50	511,002	919,296	916,025	3,543,028	3.67
1/04 through 12/04	133,415,416	16	675,036	81	1,542,442	900,094	1,640,040	4,757,612	3.57
1/05 through 12/05	132,754,281	7	534,520	55	986,701	835,776	1,296,836	3,653,833	2.75
1/06 through 12/06	135,514,567	13	831,692	55	1,174,614	835,504	1,336,489	4,178,299	3.08
1/07 through 12/07	129,578,636	10	906,247	66	1,754,016	688,242	2,502,680	5,851,185	4.52
5 YR. TOTAL	627,923,658	64	4,144,200	307	5,968,775	4,178,912	7,692,070	21,983,957	3.50
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		67%	1.611	90%	1.891	3.50			
Pure Premium Indicated by National Relativity		16%	1.921	5%	2.263	4.18			
Pure Premium Present on Rate Level		17%	1.681	5%	1.807	3.49			
Pure Premium Derived by Formula		1.673		1.905		3.58			

CLASS 2812 + +		CABINET WORKS-WITH POWER MACHINERY							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	101,234,575	13	1,425,554	60	1,072,658	1,481,046	1,005,949	4,985,207	4.93
1/04 through 12/04	102,978,382	10	840,197	62	1,302,267	532,993	1,420,518	4,095,975	3.98
1/05 through 12/05	119,147,977	16	2,182,086	56	1,168,098	1,696,924	1,370,044	6,417,152	5.39
1/06 through 12/06	121,719,781	7	778,886	57	705,801	467,603	748,239	2,700,529	2.22
1/07 through 12/07	138,730,833	10	1,151,057	44	1,162,640	1,376,633	1,493,651	5,183,981	3.74
5 YR. TOTAL	583,811,548	56	6,377,780	279	5,411,464	5,555,199	6,038,401	23,382,844	4.01
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		67%	2.019	84%	1.986	4.01			
Pure Premium Indicated by National Relativity		16%	1.498	8%	1.707	3.21			
Pure Premium Present on Rate Level		17%	1.795	8%	1.652	3.45			
Pure Premium Derived by Formula		1.898		1.937		3.84			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 2835		BRUSH OR BROOM ASSEMBLY							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	16,067,018	2	47,264	4	27,906	73,423	72,517	221,110	1.38
1/04 through 12/04	11,881,242	2	162,518	8	235,424	175,330	161,173	734,445	6.18
1/05 through 12/05	10,999,483	2	26,358	6	38,915	5,884	95,780	166,937	1.52
1/06 through 12/06	9,040,965	1	93,492	5	12,676	95,112	69,610	270,890	3.00
1/07 through 12/07	13,085,641	1	54,758	7	131,263	18,239	176,897	381,157	2.91
5 YR. TOTAL	61,074,349	8	384,390	30	446,184	367,988	575,977	1,774,539	2.91
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	1.360	31%	1.546	2.91			
Pure Premium Indicated by National Relativity		38%	1.080	34%	1.301	2.38			
Pure Premium Present on Rate Level		42%	0.869	35%	1.266	2.14			
Pure Premium Derived by Formula		1.047		1.365		2.41			

CLASS 2836		BRUSH OR BROOM MFG NOC							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,071,049	0	0	3	137,715	0	51,052	188,767	9.12
1/04 through 12/04	1,992,973	0	0	0	0	0	0	0	0.00
1/05 through 12/05	2,189,424	0	0	0	0	0	293	293	0.01
1/06 through 12/06	3,107,277	0	0	1	7,026	0	1,824	8,850	0.29
1/07 through 12/07	3,125,283	2	16,806	0	0	76,664	126	93,596	3.00
5 YR. TOTAL	12,486,006	2	16,806	4	144,741	76,664	53,295	291,506	2.34
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	1.294	16%	1.041	2.34			
Pure Premium Indicated by National Relativity		32%	1.245	34%	1.268	2.51			
Pure Premium Present on Rate Level		56%	1.175	50%	1.134	2.31			
Pure Premium Derived by Formula		1.212		1.165		2.38			

CLASS 2841		WOODENWARE MANUFACTURING NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,067,920	0	0	2	8,822	0	29,681	38,503	0.95
1/04 through 12/04	4,879,645	1	9,093	1	498	3,265	702	13,558	0.28
1/05 through 12/05	5,188,785	1	81,970	2	5,665	175,517	12,318	275,470	5.31
1/06 through 12/06	4,355,848	0	0	0	0	0	9,038	9,038	0.21
1/07 through 12/07	4,911,815	2	20,525	5	164,674	9,327	144,154	338,680	6.90
5 YR. TOTAL	23,404,013	4	111,588	10	179,659	188,109	195,893	675,249	2.89
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	1.244	23%	1.641	2.89			
Pure Premium Indicated by National Relativity		42%	1.191	38%	1.889	3.08			
Pure Premium Present on Rate Level		43%	1.151	39%	1.563	2.71			
Pure Premium Derived by Formula		1.182		1.705		2.89			

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

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CLASS 2881		FURNITURE MANUFACTURING AND CABINET SHOP - ASSEMBLY BY HAND - WOOD							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	44,717,702	5	281,072	29	285,100	118,778	316,760	1,001,710	2.24
1/04 through 12/04	48,749,166	5	175,092	21	350,178	76,085	297,742	899,097	1.84
1/05 through 12/05	47,190,572	2	73,650	27	795,265	95,463	948,747	1,913,125	4.05
1/06 through 12/06	47,475,658	4	426,819	25	510,480	540,797	336,305	1,814,401	3.82
1/07 through 12/07	48,138,638	3	277,035	22	307,068	67,354	461,970	1,113,427	2.31
5 YR. TOTAL	236,271,736	19	1,233,668	124	2,248,091	898,477	2,361,524	6,741,760	2.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	1.474	53%	1.380	2.85			
Pure Premium Indicated by National Relativity		30%	1.119	23%	1.465	2.58			
Pure Premium Present on Rate Level		30%	1.248	24%	1.284	2.53			
Pure Premium Derived by Formula		1.300		1.377		2.68			

CLASS 2883 + +		FURNITURE MANUFACTURING-WOOD-NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	344,249,050	29	1,487,614	177	2,115,930	1,372,675	2,653,444	7,629,663	2.22
1/04 through 12/04	296,890,189	20	1,108,425	174	2,922,925	950,092	2,865,369	7,846,811	2.64
1/05 through 12/05	265,827,451	21	922,349	155	2,061,471	1,421,299	3,047,620	7,452,739	2.80
1/06 through 12/06	242,581,175	15	1,035,746	123	2,084,694	1,227,314	2,665,527	7,013,281	2.89
1/07 through 12/07	248,383,944	12	1,178,326	103	2,051,665	1,097,185	2,798,751	7,125,927	2.87
5 YR. TOTAL	1,397,931,809	97	5,732,460	732	11,236,685	6,068,565	14,030,711	37,068,421	2.65
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		81%	1.214	100%	1.438	2.65			
Pure Premium Indicated by National Relativity		9%	1.418	0%	1.782	3.20			
Pure Premium Present on Rate Level		10%	1.217	0%	1.336	2.55			
Pure Premium Derived by Formula		1.233		1.438		2.67			

CLASS 2913		RATTAN, WILLOW OR TWISTED FIBER PRODUCTS MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	75,237	0	0	0	0	0	0	0	0.00
1/04 through 12/04	71,587	0	0	0	0	0	0	0	0.00
1/05 through 12/05	100,748	0	0	0	0	0	0	0	0.00
1/06 through 12/06	99,235	0	0	0	0	0	0	0	0.00
1/07 through 12/07	109,751	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	456,558	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	5%	0.000	0.00			
Pure Premium Indicated by National Relativity		17%	2.207	18%	2.151	4.36			
Pure Premium Present on Rate Level		80%	1.195	77%	1.601	2.80			
Pure Premium Derived by Formula		1.331		1.620		2.95			

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

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CLASS 2915		VENEER PRODUCTS MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	22,098,393	4	404,595	8	79,346	514,226	141,748	1,139,915	5.16
1/04 through 12/04	31,104,218	3	339,207	18	390,243	149,104	691,762	1,570,316	5.05
1/05 through 12/05	34,973,793	2	189,515	6	37,913	234,301	99,742	561,471	1.61
1/06 through 12/06	33,554,946	0	0	13	359,865	0	350,487	710,352	2.12
1/07 through 12/07	32,218,094	1	12,434	9	296,801	9,123	806,936	1,125,294	3.49
5 YR. TOTAL	153,949,444	10	945,751	54	1,164,168	906,754	2,090,675	5,107,348	3.32
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	1.371	55%	1.947	3.32			
Pure Premium Indicated by National Relativity		31%	1.392	22%	1.711	3.10			
Pure Premium Present on Rate Level		31%	1.654	23%	2.139	3.79			
Pure Premium Derived by Formula		1.465		1.939		3.40			

CLASS 2916		VENEER PRODUCTS MFG-NO VENEER MFG							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	32,052,820	3	131,597	15	122,491	71,423	234,118	559,629	1.75
1/04 through 12/04	31,061,397	4	553,871	11	379,773	716,578	333,017	1,983,239	6.39
1/05 through 12/05	35,273,313	3	148,668	12	543,137	53,773	783,234	1,528,812	4.33
1/06 through 12/06	26,955,470	0	0	9	332,109	0	289,131	621,240	2.31
1/07 through 12/07	25,510,088	0	0	7	115,598	0	121,179	236,777	0.93
5 YR. TOTAL	150,853,088	10	834,136	54	1,493,108	841,774	1,760,679	4,929,697	3.27
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		35%	1.543	47%	1.725	3.27			
Pure Premium Indicated by National Relativity		32%	1.533	26%	1.975	3.51			
Pure Premium Present on Rate Level		33%	1.433	27%	1.516	2.95			
Pure Premium Derived by Formula		1.504		1.734		3.24			

CLASS 2923		PIANO MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,034,244	0	0	0	0	0	2,976	2,976	0.10
1/04 through 12/04	2,542,737	0	0	0	0	0	3,342	3,342	0.13
1/05 through 12/05	2,133,129	0	0	1	8,729	0	12,825	21,554	1.01
1/06 through 12/06	1,784,085	0	0	0	0	0	1,039	1,039	0.06
1/07 through 12/07	2,148,893	0	0	0	0	0	978	978	0.05
5 YR. TOTAL	11,643,088	0	0	1	8,729	0	21,160	29,889	0.26
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.075	14%	0.182	0.26			
Pure Premium Indicated by National Relativity		40%	1.220	42%	1.213	2.43			
Pure Premium Present on Rate Level		49%	1.103	44%	0.922	2.03			
Pure Premium Derived by Formula		1.037		0.941		1.98			

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

NORTH CAROLINA

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CLASS 2942		PENCIL, PENHOLDER OR CRAYON MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	91,028	0	0	0	0	0	0	0	0.00
1/04 through 12/04	95,628	0	0	0	0	0	0	0	0.00
1/05 through 12/05	91,783	0	0	0	0	0	0	0	0.00
1/06 through 12/06	99,571	0	0	0	0	0	0	0	0.00
1/07 through 12/07	64,931	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	442,941	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		24%	2.008	25%	1.333	3.34			
Pure Premium Present on Rate Level		73%	0.954	71%	0.918	1.87			
Pure Premium Derived by Formula		1.178		0.985		2.16			

CLASS 2960		WOOD PRESERVING & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,344,331	1	161,792	3	10,342	104,886	6,709	283,729	6.53
1/04 through 12/04	4,343,886	0	0	2	12,333	0	12,784	25,117	0.58
1/05 through 12/05	4,468,621	0	0	2	5,356	0	26,333	31,689	0.71
1/06 through 12/06	6,091,477	0	0	1	1,742	0	6,058	7,800	0.13
1/07 through 12/07	7,111,707	1	76,119	5	10,146	46,329	23,842	156,436	2.20
5 YR. TOTAL	26,360,022	2	237,911	13	39,919	151,215	75,726	504,771	1.92
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	1.054	24%	0.861	1.92			
Pure Premium Indicated by National Relativity		40%	2.358	38%	2.782	5.14			
Pure Premium Present on Rate Level		40%	1.882	38%	1.657	3.54			
Pure Premium Derived by Formula		1.907		1.893		3.80			

CLASS 3004		IRON OR STEEL: MANUFACTURING: STEEL MAKING-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	69,017,263	3	284,532	10	163,252	188,308	249,093	885,185	1.28
1/04 through 12/04	87,401,911	4	135,072	13	71,987	161,529	189,582	558,170	0.64
1/05 through 12/05	110,906,138	1	492,893	17	173,984	223,129	290,421	1,180,427	1.06
1/06 through 12/06	97,637,677	1	2,751	8	224,753	36,339	293,077	556,920	0.57
1/07 through 12/07	110,547,095	2	19,152	3	57,601	41,081	127,961	245,795	0.22
5 YR. TOTAL	475,510,084	11	934,400	51	691,577	650,386	1,150,134	3,426,497	0.72
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		45%	0.342	55%	0.379	0.72			
Pure Premium Indicated by National Relativity		27%	0.967	22%	0.968	1.94			
Pure Premium Present on Rate Level		28%	0.805	23%	0.711	1.52			
Pure Premium Derived by Formula		0.640		0.585		1.23			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 3018		IRON OR STEEL: MANUFACTURING: ROLLING MILL & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,728,059	0	0	1	21,267	0	29,627	50,894	1.87
1/04 through 12/04	2,356,720	0	0	0	0	0	0	0	0.00
1/05 through 12/05	1,729,063	0	0	0	0	0	174	174	0.01
1/06 through 12/06	1,892,664	0	0	0	0	0	143	143	0.01
1/07 through 12/07	1,655,737	0	0	0	0	0	445	445	0.03
5 YR. TOTAL	10,362,243	0	0	1	21,267	0	30,389	51,656	0.50
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.205	14%	0.293	0.50			
Pure Premium Indicated by National Relativity		44%	1.185	43%	1.354	2.54			
Pure Premium Present on Rate Level		45%	1.087	43%	1.120	2.21			
Pure Premium Derived by Formula		1.033		1.105		2.14			

CLASS 3022		PIPE OR TUBE MFG NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,884,236	1	540,399	6	80,928	39,717	114,389	775,433	4.34
1/04 through 12/04	16,275,043	2	172,753	7	222,670	132,618	221,329	749,370	4.61
1/05 through 12/05	18,594,675	4	145,666	10	112,232	180,512	229,196	667,606	3.59
1/06 through 12/06	18,984,341	3	95,923	22	536,974	151,354	483,929	1,268,180	6.68
1/07 through 12/07	19,432,618	4	108,725	12	460,367	206,554	455,743	1,231,389	6.34
5 YR. TOTAL	91,170,913	14	1,063,466	57	1,413,171	710,755	1,504,586	4,691,978	5.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	2.716	42%	2.430	5.15			
Pure Premium Indicated by National Relativity		34%	1.314	29%	1.648	2.96			
Pure Premium Present on Rate Level		34%	1.882	29%	1.820	3.70			
Pure Premium Derived by Formula		1.956		2.026		3.98			

CLASS 3027		ROLLING MILL NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	2,593,337	0	0	0	0	0	190	190	0.01
1/06 through 12/06	2,764,053	0	0	0	0	0	0	0	0.00
1/07 through 12/07	4,168,866	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	9,526,256	0	0	0	0	0	190	190	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.000	13%	0.002	0.00			
Pure Premium Indicated by National Relativity		45%	1.128	43%	1.222	2.35			
Pure Premium Present on Rate Level		45%	1.075	44%	1.030	2.11			
Pure Premium Derived by Formula		0.991		0.979		1.97			

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

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EFFECTIVE 4/1/2011

CLASS 3028		PIPE OR TUBE MFG-IRON OR STEEL-& DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,000,514	0	0	4	221,741	0	523,240	744,981	18.62
1/04 through 12/04	6,573,246	1	14,109	10	57,278	25,070	155,598	252,055	3.84
1/05 through 12/05	7,280,229	2	196,890	4	24,240	102,554	73,849	397,533	5.46
1/06 through 12/06	5,655,877	0	0	8	169,486	0	294,840	464,326	8.21
1/07 through 12/07	8,169,138	0	0	4	15,161	0	41,022	56,183	0.69
5 YR. TOTAL	31,679,004	3	210,999	30	487,906	127,624	1,088,549	1,915,078	6.05
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		21%	2.206		34%	3.839		6.05	
Pure Premium Indicated by National Relativity		39%	1.049		33%	1.322		2.37	
Pure Premium Present on Rate Level		40%	1.940		33%	3.092		5.03	
Pure Premium Derived by Formula		1.648			2.762			4.41	

CLASS 3030		IRON OR STEEL: FABRICATION: IRON OR STEEL WORKS-SHOP-STRUCTURAL-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	46,597,825	9	836,455	33	704,377	705,167	717,772	2,963,771	6.36
1/04 through 12/04	48,454,966	12	792,656	33	423,420	1,055,200	608,036	2,879,312	5.94
1/05 through 12/05	53,319,363	9	842,976	35	453,445	401,799	1,168,992	2,867,212	5.38
1/06 through 12/06	63,787,713	5	705,589	36	955,887	643,145	1,065,356	3,369,977	5.28
1/07 through 12/07	75,593,849	6	482,111	43	727,008	723,890	955,208	2,888,217	3.82
5 YR. TOTAL	287,753,716	41	3,659,787	180	3,264,137	3,529,201	4,515,364	14,968,489	5.20
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		60%	2.406		78%	2.796		5.20	
Pure Premium Indicated by National Relativity		20%	2.515		11%	2.798		5.31	
Pure Premium Present on Rate Level		20%	2.757		11%	2.765		5.52	
Pure Premium Derived by Formula		2.498			2.793			5.29	

CLASS 3040		IRON OR STEEL: FABRICATION: IRON WORKS-SHOP-ORNAMENTAL-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	21,814,971	5	400,036	12	141,180	363,347	201,437	1,106,000	5.07
1/04 through 12/04	22,374,968	2	115,153	19	121,913	160,963	247,197	645,226	2.88
1/05 through 12/05	25,992,188	5	322,097	17	261,224	287,491	234,885	1,105,697	4.25
1/06 through 12/06	28,604,898	1	74,747	26	625,890	13,622	1,052,683	1,766,942	6.18
1/07 through 12/07	27,655,163	4	328,050	24	302,144	249,605	599,761	1,479,560	5.35
5 YR. TOTAL	126,442,188	17	1,240,083	98	1,452,351	1,075,028	2,335,963	6,103,425	4.83
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		39%	2.129		51%	2.698		4.83	
Pure Premium Indicated by National Relativity		30%	2.743		24%	2.914		5.66	
Pure Premium Present on Rate Level		31%	2.123		25%	2.189		4.31	
Pure Premium Derived by Formula		2.311			2.623			4.93	

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

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CLASS 3041		IRON OR STEEL: FABRICATION: IRON WORKS-SHOP-DECORATIVE OR ARTISTIC- & FOUNDRIES, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,842,299	1	9,615	1	2,906	0	12,009	24,530	0.86
1/04 through 12/04	4,514,742	1	29,322	3	10,372	52,140	28,369	120,203	2.66
1/05 through 12/05	4,455,059	0	0	4	262,934	0	132,148	395,082	8.87
1/06 through 12/06	3,090,100	0	0	2	7,090	0	10,036	17,126	0.55
1/07 through 12/07	4,329,010	0	0	2	44,319	0	44,089	88,408	2.04
5 YR. TOTAL	19,231,210	2	38,937	12	327,621	52,140	226,651	645,349	3.36
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	1.906	22%	1.450	3.36			
Pure Premium Indicated by National Relativity		41%	1.978	39%	1.997	3.98			
Pure Premium Present on Rate Level		41%	2.146	39%	1.709	3.86			
Pure Premium Derived by Formula		2.034		1.764		3.80			

CLASS 3042		ELEVATOR OR ESCALATOR MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,397,088	0	0	1	28,500	0	11,329	39,829	0.91
1/04 through 12/04	3,888,199	0	0	1	16,327	0	48,532	64,859	1.67
1/05 through 12/05	214,399	0	0	0	0	0	0	0	0.00
1/06 through 12/06	3,738,486	0	0	3	155,540	0	161,435	316,975	8.48
1/07 through 12/07	4,431,932	0	0	1	4,951	0	6,862	11,813	0.27
5 YR. TOTAL	16,670,104	0	0	6	205,318	0	228,158	433,476	2.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	1.232	20%	1.369	2.60			
Pure Premium Indicated by National Relativity		42%	2.321	40%	2.390	4.71			
Pure Premium Present on Rate Level		43%	1.559	40%	1.563	3.12			
Pure Premium Derived by Formula		1.830		1.855		3.69			

CLASS 3064		SIGN MFG-METAL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	11,141,789	2	270,920	15	359,652	376,461	283,255	1,290,288	11.58
1/04 through 12/04	13,269,499	3	325,618	3	41,601	599,805	65,296	1,032,320	7.78
1/05 through 12/05	13,212,338	2	353,505	7	61,624	406,864	75,711	897,704	6.79
1/06 through 12/06	14,448,629	1	10,974	10	147,214	42,021	214,348	414,557	2.87
1/07 through 12/07	14,792,323	2	63,660	7	85,460	31,743	100,420	281,283	1.90
5 YR. TOTAL	66,864,578	10	1,024,677	42	695,551	1,456,894	739,030	3,916,152	5.86
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	2.573	42%	3.284	5.86			
Pure Premium Indicated by National Relativity		34%	1.612	29%	1.846	3.46			
Pure Premium Present on Rate Level		34%	2.544	29%	2.581	5.13			
Pure Premium Derived by Formula		2.236		2.663		4.90			

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

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CLASS 3069 + +		SHEET METAL PRODUCTS MFG.							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		10%	0.711	11%	0.759	1.47			
Pure Premium Present on Rate Level		90%	3.139	89%	3.380	6.52			
Pure Premium Derived by Formula		2.896		3.092		5.99			

CLASS 3076		SHEET METAL PRODUCTS MFG. - SHOP ONLY							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	268,112,425	29	2,743,187	123	1,712,349	2,122,312	2,429,361	9,007,209	3.36
1/04 through 12/04	277,730,723	26	1,555,332	109	1,714,630	1,353,400	2,456,930	7,080,292	2.55
1/05 through 12/05	297,393,068	26	2,192,633	120	1,765,712	1,197,141	2,261,153	7,416,639	2.49
1/06 through 12/06	303,436,286	28	1,493,564	116	2,241,144	1,578,261	2,941,097	8,254,066	2.72
1/07 through 12/07	294,868,526	24	1,647,971	84	2,137,326	1,708,831	2,436,527	7,930,655	2.69
5 YR. TOTAL	1,441,541,028	133	9,632,687	552	9,571,161	7,959,945	12,525,068	39,688,861	2.75
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		84%	1.332	100%	1.421	2.75			
Pure Premium Indicated by National Relativity		8%	1.298	0%	1.572	2.87			
Pure Premium Present on Rate Level		8%	1.296	0%	1.358	2.65			
Pure Premium Derived by Formula		1.326		1.421		2.75			

CLASS 3081		FOUNDRY-FERROUS-NOC							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	40,810,409	1	3,257	7	73,878	0	246,712	323,847	0.79
1/04 through 12/04	40,498,847	5	202,309	7	373,685	326,274	670,402	1,572,670	3.88
1/05 through 12/05	41,240,606	1	23,054	13	573,060	21,575	484,109	1,101,798	2.67
1/06 through 12/06	39,822,477	2	81,674	16	240,610	90,190	417,822	830,296	2.09
1/07 through 12/07	36,679,821	1	148,905	4	209,759	254,905	179,842	793,411	2.16
5 YR. TOTAL	199,052,160	10	459,199	47	1,470,992	692,944	1,998,887	4,622,022	2.32
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	0.970	53%	1.352	2.32			
Pure Premium Indicated by National Relativity		31%	1.807	23%	2.256	4.06			
Pure Premium Present on Rate Level		31%	1.327	24%	1.531	2.86			
Pure Premium Derived by Formula		1.340		1.603		2.94			

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

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EFFECTIVE 4/1/2011

CLASS 3082		FOUNDRY-STEEL CASTINGS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		50%	1.916	50%	2.359	4.28			
Pure Premium Present on Rate Level		50%	2.062	50%	2.341	4.40			
Pure Premium Derived by Formula		1.989		2.350		4.34			

CLASS 3085		FOUNDRY-NON-FERROUS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	7,915,991	0	0	1	689	0	6,795	7,484	0.10
1/04 through 12/04	8,888,612	2	110,435	4	66,586	124,723	76,782	378,526	4.26
1/05 through 12/05	10,715,777	2	50,540	8	225,297	30,436	247,884	554,157	5.17
1/06 through 12/06	5,449,512	1	71,492	1	19,565	49,319	56,634	197,010	3.62
1/07 through 12/07	9,774,156	3	157,567	8	127,577	300,794	193,967	779,905	7.98
5 YR. TOTAL	42,744,048	8	390,034	22	439,714	505,272	582,062	1,917,082	4.49
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	1.941	29%	2.544	4.49			
Pure Premium Indicated by National Relativity		38%	1.532	35%	2.037	3.57			
Pure Premium Present on Rate Level		39%	1.678	36%	1.597	3.28			
Pure Premium Derived by Formula		1.683		2.026		3.71			

CLASS 3110		FORGING WORK-DROP OR MACHINE							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,387,200	1	149,622	0	0	14,791	0	164,413	2.58
1/04 through 12/04	4,673,212	0	0	0	0	0	6,554	6,554	0.14
1/05 through 12/05	2,775,243	1	115,245	3	56,030	16,069	63,204	250,548	9.03
1/06 through 12/06	7,872,039	0	0	0	0	0	424	424	0.01
1/07 through 12/07	11,081,684	1	343,102	10	285,729	0	458,859	1,087,690	9.82
5 YR. TOTAL	32,789,378	3	607,969	13	341,759	30,860	529,041	1,509,629	4.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	2.896	24%	1.708	4.60			
Pure Premium Indicated by National Relativity		39%	1.497	38%	1.715	3.21			
Pure Premium Present on Rate Level		40%	1.765	38%	1.307	3.07			
Pure Premium Derived by Formula		1.898		1.558		3.46			

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

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EFFECTIVE 4/1/2011

CLASS 3111		BLACKSMITH							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	14,362,613	1	33,853	14	270,699	93,271	352,090	749,913	5.22
1/04 through 12/04	15,403,399	1	58,465	6	18,800	32,786	82,352	192,403	1.25
1/05 through 12/05	21,333,542	0	0	8	133,038	0	171,362	304,400	1.43
1/06 through 12/06	12,310,470	3	492,126	5	95,596	196,572	136,361	920,655	7.48
1/07 through 12/07	12,425,305	0	0	4	11,241	0	29,176	40,417	0.33
5 YR. TOTAL	75,835,329	5	584,444	37	529,374	322,629	771,341	2,207,788	2.91
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		27%	1.469		37%	1.443		2.91	
Pure Premium Indicated by National Relativity		36%	1.266		31%	1.332		2.60	
Pure Premium Present on Rate Level		37%	1.403		32%	1.647		3.05	
Pure Premium Derived by Formula			1.372			1.474		2.85	

CLASS 3113		TOOL MANUFACTURING-NOT DROP OR MACHINE FORGED-NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	56,208,292	5	480,250	18	59,004	344,450	186,259	1,069,963	1.90
1/04 through 12/04	53,276,585	5	258,390	10	126,074	164,464	175,511	724,439	1.36
1/05 through 12/05	62,607,137	2	75,910	16	106,093	84,116	235,881	502,000	0.80
1/06 through 12/06	61,589,615	1	82,376	14	335,964	62,172	290,069	770,581	1.25
1/07 through 12/07	67,330,466	4	413,306	21	745,517	281,030	520,486	1,960,339	2.91
5 YR. TOTAL	301,012,095	17	1,310,232	79	1,372,652	936,232	1,408,206	5,027,322	1.67
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		37%	0.891		47%	0.779		1.67	
Pure Premium Indicated by National Relativity		31%	0.853		26%	1.028		1.88	
Pure Premium Present on Rate Level		32%	0.801		27%	0.765		1.57	
Pure Premium Derived by Formula			0.850			0.840		1.69	

CLASS 3114		TOOL MFG-DROP OR MACHINE FORGED-NOC: MACHINING OR FINISHING OF TOOLS OR DIE MAKING OPERATIONS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	21,563,949	3	426,622	15	215,423	396,353	151,527	1,189,925	5.52
1/04 through 12/04	19,494,568	7	349,777	12	404,159	393,578	363,290	1,510,804	7.75
1/05 through 12/05	19,863,277	1	12,614	4	32,787	46,555	94,233	186,189	0.94
1/06 through 12/06	16,378,826	1	202,764	0	0	158,570	13,848	375,182	2.29
1/07 through 12/07	12,224,251	1	309,299	3	64,227	367,166	68,598	809,290	6.62
5 YR. TOTAL	89,524,871	13	1,301,076	34	716,596	1,362,222	691,496	4,071,390	4.55
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		28%	2.254		37%	2.294		4.55	
Pure Premium Indicated by National Relativity		36%	1.136		31%	1.322		2.46	
Pure Premium Present on Rate Level		36%	1.394		32%	1.362		2.76	
Pure Premium Derived by Formula			1.542			1.694		3.24	

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

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CLASS 3118		SAW MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT		
1/03 through 12/03	5,580,224	1	31,677	2	867	13,089	10,503	56,136	1.01
1/04 through 12/04	5,328,835	1	216,018	4	74,549	502,619	88,211	881,397	16.54
1/05 through 12/05	3,183,151	1	13,055	1	1,080	12,441	1,998	28,574	0.90
1/06 through 12/06	2,969,246	0	0	1	595	0	12,968	13,563	0.46
1/07 through 12/07	2,931,485	0	0	0	0	0	3,791	3,791	0.13
5 YR. TOTAL	19,992,941	3	260,750	8	77,091	528,149	117,471	983,461	4.92
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	1.690	23%	3.229	4.92			
Pure Premium Indicated by National Relativity		42%	0.633	38%	0.938	1.57			
Pure Premium Present on Rate Level		43%	1.161	39%	1.818	2.98			
Pure Premium Derived by Formula		1.019		1.808		2.83			

CLASS 3119		NEEDLE MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT		
1/03 through 12/03	600,455	0	0	0	0	0	1,649	1,649	0.28
1/04 through 12/04	242,000	0	0	0	0	0	0	0	0.00
1/05 through 12/05	142,309	0	0	0	0	0	0	0	0.00
1/06 through 12/06	115,894	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,100,658	0	0	0	0	0	1,649	1,649	0.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	4%	0.150	0.15			
Pure Premium Indicated by National Relativity		19%	0.780	20%	0.752	1.53			
Pure Premium Present on Rate Level		78%	0.343	76%	0.429	0.77			
Pure Premium Derived by Formula		0.416		0.482		0.90			

CLASS 3122		CUTLERY MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT		
1/03 through 12/03	1,365,139	1	43,561	0	0	14,734	1,502	59,797	4.38
1/04 through 12/04	418,739	1	29,439	1	41,912	18,795	53,351	143,497	34.27
1/05 through 12/05	1,205,130	0	0	1	2,249	0	17,544	19,793	1.64
1/06 through 12/06	1,450,706	0	0	0	0	0	644	644	0.04
1/07 through 12/07	1,407,444	0	0	0	0	0	1,745	1,745	0.12
5 YR. TOTAL	5,847,158	2	73,000	2	44,161	33,529	74,786	225,476	3.86
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	2.004	12%	1.852	3.86			
Pure Premium Indicated by National Relativity		33%	0.671	35%	1.166	1.84			
Pure Premium Present on Rate Level		59%	0.958	53%	1.198	2.16			
Pure Premium Derived by Formula		0.947		1.265		2.21			

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

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CLASS 3126		TOOL MFG-AGRICULTURAL, CONSTRUCTION, LOGGING, MINING, OIL OR ARTESIAN WELL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,122,110	1	20,742	5	185,460	9,776	120,991	336,969	1.86
1/04 through 12/04	13,197,011	0	0	4	17,336	0	13,745	31,081	0.24
1/05 through 12/05	18,579,338	1	10,259	6	31,461	35,297	79,234	156,251	0.84
1/06 through 12/06	17,036,010	1	36,847	9	113,707	50,516	120,152	321,222	1.89
1/07 through 12/07	14,517,676	2	157,709	6	94,519	129,937	163,471	545,636	3.76
5 YR. TOTAL	81,452,145	5	225,557	30	442,483	225,526	497,593	1,391,159	1.71
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	0.820	33%	0.888	1.71			
Pure Premium Indicated by National Relativity		37%	1.026	33%	1.225	2.25			
Pure Premium Present on Rate Level		37%	1.264	34%	1.117	2.38			
Pure Premium Derived by Formula		1.061		1.077		2.14			

CLASS 3131		BUTTON OR FASTENER MFG-METAL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	14,667,651	0	0	1	5,421	0	40,809	46,230	0.32
1/04 through 12/04	16,593,833	0	0	2	8,066	0	42,519	50,585	0.31
1/05 through 12/05	20,770,930	0	0	3	14,912	0	85,682	100,594	0.49
1/06 through 12/06	16,959,271	0	0	3	42,914	0	51,506	94,420	0.56
1/07 through 12/07	18,664,611	1	14,173	3	27,068	8,742	70,747	120,730	0.65
5 YR. TOTAL	87,656,296	1	14,173	12	98,381	8,742	291,263	412,559	0.47
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	0.128	27%	0.342	0.47			
Pure Premium Indicated by National Relativity		37%	0.537	36%	0.740	1.28			
Pure Premium Present on Rate Level		44%	0.510	37%	0.619	1.13			
Pure Premium Derived by Formula		0.447		0.588		1.04			

CLASS 3132		NUT OR BOLT MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	787,023	0	0	1	2,240	0	3,438	5,678	0.72
1/04 through 12/04	612,938	0	0	0	0	0	0	0	0.00
1/05 through 12/05	541,175	0	0	0	0	0	0	0	0.00
1/06 through 12/06	4,293,502	0	0	0	0	0	4,695	4,695	0.11
1/07 through 12/07	674,911	0	0	1	146,865	0	32,533	179,398	26.58
5 YR. TOTAL	6,909,549	0	0	2	149,105	0	40,666	189,771	2.75
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	2.158	14%	0.589	2.75			
Pure Premium Indicated by National Relativity		45%	1.351	43%	1.885	3.24			
Pure Premium Present on Rate Level		45%	1.284	43%	1.502	2.79			
Pure Premium Derived by Formula		1.402		1.539		2.94			

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

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CLASS 3145		SCREW MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,651,024	0	0	0	0	0	0	0	0.00
1/04 through 12/04	1,616,126	0	0	0	0	0	4,033	4,033	0.25
1/05 through 12/05	1,852,289	0	0	1	12,200	0	22,438	34,638	1.87
1/06 through 12/06	2,024,412	1	36,227	1	347	11,210	5,238	53,022	2.62
1/07 through 12/07	1,622,218	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	8,766,069	1	36,227	2	12,547	11,210	31,709	91,693	1.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.556	13%	0.490	1.05			
Pure Premium Indicated by National Relativity		45%	0.914	43%	1.215	2.13			
Pure Premium Present on Rate Level		46%	0.901	44%	0.991	1.89			
Pure Premium Derived by Formula		0.876		1.022		1.90			

CLASS 3146		HARDWARE MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	119,294,480	9	919,729	52	721,164	441,875	907,889	2,990,657	2.51
1/04 through 12/04	111,864,121	11	1,045,848	38	350,951	415,268	537,030	2,349,097	2.10
1/05 through 12/05	132,444,048	9	551,009	46	1,180,110	469,129	1,119,472	3,319,720	2.51
1/06 through 12/06	119,359,316	7	538,456	28	865,103	693,992	854,443	2,951,994	2.47
1/07 through 12/07	116,537,154	6	522,697	17	354,624	432,754	502,834	1,812,909	1.56
5 YR. TOTAL	599,499,119	42	3,577,739	181	3,471,952	2,453,018	3,921,668	13,424,377	2.24
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		53%	1.176	68%	1.063	2.24			
Pure Premium Indicated by National Relativity		23%	1.028	16%	1.239	2.27			
Pure Premium Present on Rate Level		24%	1.001	16%	0.962	1.96			
Pure Premium Derived by Formula		1.100		1.075		2.18			

CLASS 3169		STOVE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	26,282,618	3	85,713	11	126,705	19,705	132,903	365,026	1.39
1/04 through 12/04	16,541,809	1	7,656	4	6,716	21,948	54,587	90,907	0.55
1/05 through 12/05	32,051,539	5	364,079	11	235,589	573,718	193,944	1,367,330	4.27
1/06 through 12/06	34,434,371	2	11,142	15	454,027	15,270	320,999	801,438	2.33
1/07 through 12/07	35,964,543	4	451,282	16	488,369	471,779	522,877	1,934,307	5.38
5 YR. TOTAL	145,274,880	15	919,872	57	1,311,406	1,102,420	1,225,310	4,559,008	3.14
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	1.536	42%	1.602	3.14			
Pure Premium Indicated by National Relativity		34%	1.273	29%	1.377	2.65			
Pure Premium Present on Rate Level		35%	1.092	29%	1.165	2.26			
Pure Premium Derived by Formula		1.291		1.410		2.70			

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

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CLASS 3175		RADIATOR OR HEATER MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	22,566	0	0	0	0	0	0	0	0.00
1/04 through 12/04	300,202	0	0	0	0	0	0	0	0.00
1/05 through 12/05	1,147,762	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,839,236	0	0	0	0	0	0	0	0.00
1/07 through 12/07	393,649	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,703,415	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.000	10%	0.000	0.00			
Pure Premium Indicated by National Relativity		23%	1.074	24%	1.462	2.54			
Pure Premium Present on Rate Level		70%	1.090	66%	1.360	2.45			
Pure Premium Derived by Formula		1.010		1.248		2.26			

CLASS 3179		ELECTRICAL APPARATUS MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	395,903,733	28	1,286,846	100	1,289,801	970,906	1,669,719	5,217,272	1.32
1/04 through 12/04	404,418,538	28	940,522	85	1,645,156	761,386	1,815,912	5,162,976	1.28
1/05 through 12/05	485,127,271	32	1,643,505	98	1,844,563	1,404,875	2,202,546	7,095,489	1.46
1/06 through 12/06	489,624,204	26	1,085,125	102	1,063,460	704,280	1,570,781	4,423,646	0.90
1/07 through 12/07	496,582,546	24	3,958,640	82	1,825,167	1,878,223	1,816,082	9,478,112	1.91
5 YR. TOTAL	2,271,656,292	138	8,914,638	467	7,668,147	5,719,670	9,075,040	31,377,495	1.38
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		78%	0.730	98%	0.651	1.38			
Pure Premium Indicated by National Relativity		11%	0.926	1%	1.087	2.01			
Pure Premium Present on Rate Level		11%	0.688	1%	0.624	1.31			
Pure Premium Derived by Formula		0.747		0.655		1.40			

CLASS 3180		ELECTRIC OR GAS LIGHTING FIXTURES MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,569,804	0	0	2	993	0	7,794	8,787	0.13
1/04 through 12/04	4,607,042	0	0	1	3,450	0	21,259	24,709	0.54
1/05 through 12/05	5,430,735	0	0	4	28,777	0	40,014	68,791	1.27
1/06 through 12/06	4,905,397	0	0	1	192	0	1,355	1,547	0.03
1/07 through 12/07	8,409,911	1	55,650	1	12,446	36,046	44,982	149,124	1.77
5 YR. TOTAL	29,922,889	1	55,650	9	45,858	36,046	115,404	252,958	0.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.339	21%	0.506	0.85			
Pure Premium Indicated by National Relativity		42%	0.871	39%	1.459	2.33			
Pure Premium Present on Rate Level		43%	0.887	40%	0.974	1.86			
Pure Premium Derived by Formula		0.798		1.065		1.86			

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

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CLASS 3188		PLUMBERS SUPPLIES MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	64,562,199	8	131,180	6	156,377	94,602	226,186	608,345	0.94
1/04 through 12/04	3,060,212	0	0	0	0	0	777	777	0.03
1/05 through 12/05	3,399,770	0	0	0	0	0	306	306	0.01
1/06 through 12/06	63,358,427	3	479,040	16	458,729	245,100	398,195	1,581,064	2.50
1/07 through 12/07	54,113,684	1	12,355	10	84,587	11,666	219,043	327,651	0.61
5 YR. TOTAL	188,494,292	12	622,575	32	699,693	351,368	844,507	2,518,143	1.34
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.701	41%	0.634	1.34			
Pure Premium Indicated by National Relativity		34%	0.946	29%	1.038	1.98			
Pure Premium Present on Rate Level		34%	0.915	30%	0.844	1.76			
Pure Premium Derived by Formula		0.857		0.814		1.67			

CLASS 3220		CAN MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	30,904,235	5	343,835	5	285,301	239,025	128,692	996,853	3.23
1/04 through 12/04	27,239,740	0	0	4	169,073	0	116,810	285,883	1.05
1/05 through 12/05	27,213,409	4	159,242	6	286,608	131,618	181,961	759,429	2.79
1/06 through 12/06	28,448,963	2	45,408	6	195,986	51,401	198,682	491,477	1.73
1/07 through 12/07	29,157,048	2	327,986	7	122,863	207,175	98,033	756,057	2.59
5 YR. TOTAL	142,963,395	13	876,471	28	1,059,831	629,219	724,178	3,289,699	2.30
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	1.354	38%	0.947	2.30			
Pure Premium Indicated by National Relativity		34%	1.008	31%	1.135	2.14			
Pure Premium Present on Rate Level		35%	1.075	31%	0.908	1.98			
Pure Premium Derived by Formula		1.139		0.993		2.13			

CLASS 3223		LAMP OR PORTABLE LANTERN MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,639,403	0	0	2	5,930	0	5,049	10,979	0.24
1/04 through 12/04	4,528,876	0	0	2	58,420	0	75,351	133,771	2.95
1/05 through 12/05	2,957,997	0	0	2	10,161	0	18,579	28,740	0.97
1/06 through 12/06	3,142,977	0	0	0	0	0	0	0	0.00
1/07 through 12/07	3,051,337	1	65,084	0	0	158,621	8,958	232,663	7.63
5 YR. TOTAL	18,320,590	1	65,084	6	74,511	158,621	107,937	406,153	2.22
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.762	18%	1.455	2.22			
Pure Premium Indicated by National Relativity		30%	1.134	32%	2.132	3.27			
Pure Premium Present on Rate Level		58%	0.810	50%	1.172	1.98			
Pure Premium Derived by Formula		0.901		1.530		2.43			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 3224		ENAMEL WARE MFG.							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	29,965	0	0	0	0	0	0	0	0.00
1/04 through 12/04	26,796	0	0	0	0	0	0	0	0.00
1/05 through 12/05	29,254	0	0	0	0	0	0	0	0.00
1/06 through 12/06	31,424	0	0	0	0	0	0	0	0.00
1/07 through 12/07	41,121	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	158,560	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	3%	0.000	0.00			
Pure Premium Indicated by National Relativity		28%	1.410	29%	1.181	2.59			
Pure Premium Present on Rate Level		70%	1.497	68%	1.158	2.66			
Pure Premium Derived by Formula		1.443		1.130		2.57			

CLASS 3227		ALUMINUM WARE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	852,561	0	0	1	338,401	0	26,555	364,956	42.81
1/04 through 12/04	740,848	0	0	0	0	0	2,064	2,064	0.28
1/05 through 12/05	802,028	0	0	2	3,207	0	12,242	15,449	1.93
1/06 through 12/06	7,961,942	1	86,548	2	33,428	22,315	44,791	187,082	2.35
1/07 through 12/07	10,590,469	0	0	3	113,283	0	42,779	156,062	1.47
5 YR. TOTAL	20,947,848	1	86,548	8	488,319	22,315	128,431	725,613	3.46
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	2.744	21%	0.720	3.46			
Pure Premium Indicated by National Relativity		41%	1.401	39%	1.750	3.15			
Pure Premium Present on Rate Level		42%	1.648	40%	1.465	3.11			
Pure Premium Derived by Formula		1.733		1.420		3.15			

CLASS 3240		WIRE ROPE MFG-IRON OR STEEL							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	424,886	0	0	0	0	0	0	0	0.00
1/04 through 12/04	808,757	0	0	0	0	0	216	216	0.03
1/05 through 12/05	835,328	0	0	0	0	0	36,250	36,250	4.34
1/06 through 12/06	992,998	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,184,697	0	0	1	539	0	11,770	12,309	1.04
5 YR. TOTAL	4,246,666	0	0	1	539	0	48,236	48,775	1.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.013	10%	1.136	1.15			
Pure Premium Indicated by National Relativity		26%	0.737	28%	0.969	1.71			
Pure Premium Present on Rate Level		67%	0.948	62%	1.045	1.99			
Pure Premium Derived by Formula		0.828		1.033		1.86			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 3241		WIRE DRAWING-IRON OR STEEL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,041,866	0	0	7	96,962	0	85,720	182,682	3.02
1/04 through 12/04	5,296,034	2	215,233	1	1,275	243,247	31,175	490,930	9.27
1/05 through 12/05	6,594,278	1	47,164	5	21,953	17,544	30,073	116,734	1.77
1/06 through 12/06	3,916,128	0	0	3	13,754	0	63,821	77,575	1.98
1/07 through 12/07	3,782,923	1	34,013	2	5,724	19,497	25,407	84,641	2.24
5 YR. TOTAL	25,631,229	4	296,410	18	139,668	280,288	236,196	952,562	3.72
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	1.701		26%	2.015		3.72	
Pure Premium Indicated by National Relativity		40%	1.349		37%	1.541		2.89	
Pure Premium Present on Rate Level		41%	1.863		37%	1.991		3.85	
Pure Premium Derived by Formula			1.627			1.831		3.46	

CLASS 3255		WIRE CLOTH MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,345,921	0	0	1	9,022	0	25,136	34,158	0.79
1/04 through 12/04	353,665	0	0	0	0	0	91	91	0.03
1/05 through 12/05	915,541	0	0	1	15,417	0	17,772	33,189	3.63
1/06 through 12/06	953,903	1	33,257	0	0	60,547	0	93,804	9.83
1/07 through 12/07	935,550	0	0	1	13,016	0	24,210	37,226	3.98
5 YR. TOTAL	7,504,580	1	33,257	3	37,455	60,547	67,209	198,468	2.64
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		8%	0.942		11%	1.702		2.64	
Pure Premium Indicated by National Relativity		29%	0.376		31%	0.563		0.94	
Pure Premium Present on Rate Level		63%	0.760		58%	0.826		1.59	
Pure Premium Derived by Formula			0.663			0.841		1.50	

CLASS 3257		WIRE GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	44,922,676	4	55,161	26	204,197	82,834	283,125	625,317	1.39
1/04 through 12/04	45,474,432	4	309,707	21	351,233	339,138	337,889	1,337,967	2.94
1/05 through 12/05	63,204,971	5	190,782	26	452,648	86,081	487,725	1,217,236	1.93
1/06 through 12/06	71,510,669	4	108,061	23	469,958	58,209	506,530	1,142,758	1.60
1/07 through 12/07	75,038,226	3	340,539	22	853,181	645,985	661,790	2,501,495	3.33
5 YR. TOTAL	300,150,974	20	1,004,250	118	2,331,217	1,212,247	2,277,059	6,824,773	2.27
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		42%	1.111		56%	1.163		2.27	
Pure Premium Indicated by National Relativity		29%	1.081		22%	1.441		2.52	
Pure Premium Present on Rate Level		29%	1.085		22%	1.142		2.23	
Pure Premium Derived by Formula			1.095			1.220		2.32	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 3270		EYELET MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	707,910	0	0	0	0	0	0	0	0.00
1/04 through 12/04	929,981	0	0	0	0	0	1,019	1,019	0.11
1/05 through 12/05	794,650	0	0	0	0	0	398	398	0.05
1/06 through 12/06	754,161	0	0	0	0	0	498	498	0.07
1/07 through 12/07	702,952	0	0	0	0	0	49	49	0.01
5 YR. TOTAL	3,889,654	0	0	0	0	0	1,964	1,964	0.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.000	9%	0.050	0.05			
Pure Premium Indicated by National Relativity		46%	0.958	45%	1.049	2.01			
Pure Premium Present on Rate Level		47%	0.948	46%	0.995	1.94			
Pure Premium Derived by Formula		0.886		0.934		1.82			

CLASS 3300		BED SPRING OR WIRE MATTRESS MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	20,384,904	4	374,893	10	75,207	508,167	220,125	1,178,392	5.78
1/04 through 12/04	21,367,300	1	15,550	22	329,284	10,292	626,002	981,128	4.59
1/05 through 12/05	21,275,336	3	39,271	7	484,808	60,876	330,535	915,490	4.30
1/06 through 12/06	8,388,774	3	118,201	6	160,693	199,045	217,447	695,386	8.29
1/07 through 12/07	17,127,637	1	32,282	5	67,057	37,648	111,992	248,979	1.45
5 YR. TOTAL	88,543,951	12	580,197	50	1,117,049	816,028	1,506,101	4,019,375	4.54
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		34%	1.917	46%	2.623	4.54			
Pure Premium Indicated by National Relativity		33%	2.209	27%	2.365	4.57			
Pure Premium Present on Rate Level		33%	2.207	27%	2.450	4.66			
Pure Premium Derived by Formula		2.109		2.507		4.62			

CLASS 3303		SPRING MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	2,126,208	0	0	0	0	0	2,085	2,085	0.10
1/04 through 12/04	2,093,830	0	0	1	11,846	0	15,170	27,016	1.29
1/05 through 12/05	2,087,599	0	0	0	0	0	0	0	0.00
1/06 through 12/06	2,461,329	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,855,886	0	0	0	0	0	1,644	1,644	0.09
5 YR. TOTAL	10,624,852	0	0	1	11,846	0	18,899	30,745	0.29
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.111	16%	0.178	0.29			
Pure Premium Indicated by National Relativity		44%	1.312	42%	1.368	2.68			
Pure Premium Present on Rate Level		44%	1.431	42%	1.336	2.77			
Pure Premium Derived by Formula		1.220		1.164		2.38			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 3307		HEAT-TREATING-METAL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,522,801	1	3,608	2	5,692	17,645	17,918	44,863	0.99
1/04 through 12/04	2,791,107	0	0	1	365	0	5,507	5,872	0.21
1/05 through 12/05	4,843,864	1	5,184	1	3,138	1	44,324	52,647	1.09
1/06 through 12/06	5,931,806	1	140,080	5	19,614	206,381	67,158	433,233	7.30
1/07 through 12/07	5,316,016	1	28,548	4	229,799	46,686	73,048	378,081	7.11
5 YR. TOTAL	23,405,594	4	177,420	13	258,608	270,713	207,955	914,696	3.91
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	1.863		26%	2.045		3.91	
Pure Premium Indicated by National Relativity		40%	1.067		37%	1.478		2.55	
Pure Premium Present on Rate Level		41%	1.963		37%	2.115		4.08	
Pure Premium Derived by Formula			1.586			1.861		3.45	

CLASS 3315		BRASS OR COPPER GOODS MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,680,730	2	306,837	7	54,491	307,284	100,486	769,098	13.54
1/04 through 12/04	5,141,031	1	47,984	1	3,772	17,523	18,750	88,029	1.71
1/05 through 12/05	5,911,105	0	0	2	3,936	0	43,760	47,696	0.81
1/06 through 12/06	6,655,854	1	8,341	3	41,285	0	52,742	102,368	1.54
1/07 through 12/07	7,660,688	1	14,207	4	75,404	57,011	162,552	309,174	4.04
5 YR. TOTAL	31,049,408	5	377,369	17	178,888	381,818	378,290	1,316,365	4.24
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	1.792		30%	2.448		4.24	
Pure Premium Indicated by National Relativity		38%	1.886		35%	2.208		4.09	
Pure Premium Present on Rate Level		39%	2.252		35%	2.375		4.63	
Pure Premium Derived by Formula			2.007			2.338		4.35	

CLASS 3334		TIN FOIL MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,675,433	2	115,836	3	20,688	154,825	52,706	344,055	3.56
1/04 through 12/04	9,262,286	0	0	3	64,783	0	55,359	120,142	1.30
1/05 through 12/05	9,462,600	2	548,086	1	7,575	294,766	20,384	870,811	9.20
1/06 through 12/06	16,721	0	0	0	0	0	0	0	0.00
1/07 through 12/07	14,446,476	2	37,766	6	140,469	40,473	141,826	360,534	2.50
5 YR. TOTAL	42,863,516	6	701,688	13	233,515	490,064	270,275	1,695,542	3.96
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	2.182		26%	1.774		3.96	
Pure Premium Indicated by National Relativity		34%	2.157		36%	1.497		3.65	
Pure Premium Present on Rate Level		43%	1.770		38%	1.221		2.99	
Pure Premium Derived by Formula			1.996			1.464		3.46	

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

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EFFECTIVE 4/1/2011

CLASS 3336		TYPE FOUNDRY							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	74,907	0	0	0	0	0	0	0	0.00
1/04 through 12/04	64,122	0	0	0	0	0	0	0	0.00
1/05 through 12/05	99,313	0	0	0	0	0	0	0	0.00
1/06 through 12/06	114,719	0	0	1	6,132	0	5,452	11,584	10.10
1/07 through 12/07	184,990	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	538,051	0	0	1	6,132	0	5,452	11,584	2.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	1.140	5%	1.013	2.15			
Pure Premium Indicated by National Relativity		48%	1.270	47%	1.493	2.76			
Pure Premium Present on Rate Level		49%	1.139	48%	1.200	2.34			
Pure Premium Derived by Formula		1.202		1.328		2.53			

CLASS 3365		WELDING OR CUTTING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	10,645,022	2	47,105	8	303,259	74,562	199,064	623,990	5.86
1/04 through 12/04	10,660,510	2	295,833	8	375,717	142,336	354,784	1,168,670	10.96
1/05 through 12/05	12,576,691	3	971,439	6	343,872	443,730	187,817	1,946,858	15.48
1/06 through 12/06	15,424,836	1	206,976	14	440,269	821,799	368,730	1,837,774	11.91
1/07 through 12/07	20,172,774	3	324,733	14	430,490	290,469	579,801	1,625,493	8.06
5 YR. TOTAL	69,479,833	11	1,846,086	50	1,893,607	1,772,896	1,690,196	7,202,785	10.37
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		43%	5.382	52%	4.984	10.37			
Pure Premium Indicated by National Relativity		28%	3.343	24%	3.630	6.97			
Pure Premium Present on Rate Level		29%	5.117	24%	4.109	9.23			
Pure Premium Derived by Formula		4.734		4.449		9.18			

CLASS 3372		ELECTROPLATING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,041,497	3	85,556	5	97,228	87,075	98,543	368,402	2.16
1/04 through 12/04	17,360,778	3	314,270	5	66,389	370,971	115,058	866,688	4.99
1/05 through 12/05	18,908,535	3	334,171	3	17,703	510,561	101,482	963,917	5.10
1/06 through 12/06	20,486,199	2	259,348	2	19,396	297,089	57,353	633,186	3.09
1/07 through 12/07	23,582,954	2	685,156	5	43,361	276,013	150,058	1,154,588	4.90
5 YR. TOTAL	97,379,963	13	1,678,501	20	244,077	1,541,709	522,494	3,986,781	4.09
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	1.974	40%	2.120	4.09			
Pure Premium Indicated by National Relativity		36%	1.098	30%	1.412	2.51			
Pure Premium Present on Rate Level		36%	1.234	30%	1.532	2.77			
Pure Premium Derived by Formula		1.392		1.731		3.12			

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

NORTH CAROLINA

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CLASS 3373		GALVANIZING OR TINNING-NOT ELECTROLYTIC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,846,820	1	46,638	4	18,574	49,954	46,742	161,908	4.21
1/04 through 12/04	3,227,130	0	0	1	175,333	0	110,102	285,435	8.85
1/05 through 12/05	3,869,753	0	0	0	0	0	11,019	11,019	0.29
1/06 through 12/06	4,682,726	0	0	2	16,171	0	41,381	57,552	1.23
1/07 through 12/07	5,009,969	1	7,138	2	24,132	26,382	70,100	127,752	2.55
5 YR. TOTAL	20,636,398	2	53,776	9	234,210	76,336	279,344	643,666	3.12
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	1.396	24%	1.724	3.12			
Pure Premium Indicated by National Relativity		41%	1.480	38%	2.002	3.48			
Pure Premium Present on Rate Level		42%	1.753	38%	2.020	3.77			
Pure Premium Derived by Formula		1.580		1.942		3.52			

CLASS 3383		JEWELRY MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,810,064	1	20,899	1	618	20,815	6,224	48,556	1.73
1/04 through 12/04	3,716,550	0	0	0	0	0	0	0	0.00
1/05 through 12/05	2,820,192	0	0	1	2,544	0	8,656	11,200	0.40
1/06 through 12/06	2,005,131	0	0	0	0	0	85	85	0.00
1/07 through 12/07	1,870,649	0	0	1	8,282	0	3,964	12,246	0.66
5 YR. TOTAL	13,222,586	1	20,899	3	11,444	20,815	18,929	72,087	0.55
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.245	12%	0.301	0.55			
Pure Premium Indicated by National Relativity		45%	0.606	44%	0.606	1.21			
Pure Premium Present on Rate Level		46%	0.528	44%	0.550	1.08			
Pure Premium Derived by Formula		0.538		0.545		1.08			

CLASS 3385		WATCH MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,226,855	0	0	0	0	0	8,191	8,191	0.37
1/04 through 12/04	1,845,377	0	0	0	0	0	2,520	2,520	0.14
1/05 through 12/05	1,749,902	0	0	0	0	0	618	618	0.04
1/06 through 12/06	1,695,914	0	0	0	0	0	2,793	2,793	0.17
1/07 through 12/07	1,814,628	0	0	1	13,845	0	7,737	21,582	1.19
5 YR. TOTAL	9,332,676	0	0	1	13,845	0	21,859	35,704	0.38
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.148	10%	0.234	0.38			
Pure Premium Indicated by National Relativity		25%	0.344	27%	0.526	0.87			
Pure Premium Present on Rate Level		68%	0.394	63%	0.450	0.84			
Pure Premium Derived by Formula		0.364		0.449		0.81			

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

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CLASS 3400		METAL STAMPED GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	153,003,083	13	1,060,144	65	619,382	1,365,782	1,285,127	4,330,435	2.83
1/04 through 12/04	150,493,426	12	965,721	65	1,140,483	927,607	1,544,162	4,577,973	3.04
1/05 through 12/05	117,967,931	8	841,106	36	329,328	1,257,923	667,898	3,096,255	2.62
1/06 through 12/06	198,732,584	12	775,460	72	1,234,763	777,838	1,710,346	4,498,407	2.26
1/07 through 12/07	173,716,522	10	847,314	53	876,663	628,559	1,190,461	3,542,997	2.04
5 YR. TOTAL	793,913,546	55	4,489,745	291	4,200,619	4,957,709	6,397,994	20,046,067	2.53
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		64%	1.095	89%	1.430	2.53			
Pure Premium Indicated by National Relativity		18%	1.426	5%	1.760	3.19			
Pure Premium Present on Rate Level		18%	1.195	6%	1.398	2.59			
Pure Premium Derived by Formula		1.173		1.445		2.62			

CLASS 3507		CONSTRUCTION OR AGRICULTURAL MACHINERY MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	174,916,605	14	947,340	58	904,693	643,942	1,087,968	3,583,943	2.05
1/04 through 12/04	217,051,389	12	895,028	62	1,189,556	785,516	1,547,823	4,417,923	2.04
1/05 through 12/05	214,531,512	12	903,046	67	1,078,856	530,358	1,401,893	3,914,153	1.83
1/06 through 12/06	218,202,908	7	577,989	53	632,733	1,142,709	1,101,942	3,455,373	1.58
1/07 through 12/07	216,154,639	9	1,426,091	43	1,235,238	1,611,555	1,341,388	5,614,272	2.60
5 YR. TOTAL	1,040,857,053	54	4,749,494	283	5,041,076	4,714,080	6,481,014	20,985,664	2.02
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		69%	0.941	86%	1.076	2.02			
Pure Premium Indicated by National Relativity		15%	1.530	7%	1.698	3.23			
Pure Premium Present on Rate Level		16%	1.094	7%	0.991	2.09			
Pure Premium Derived by Formula		1.054		1.114		2.17			

CLASS 3515		TEXTILE MACHINERY MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	23,189,920	1	128,180	5	18,589	20,018	68,585	235,372	1.02
1/04 through 12/04	22,568,267	2	17,894	7	313,117	123,162	223,822	677,995	3.00
1/05 through 12/05	22,362,912	1	149,199	3	20,568	51,620	61,425	282,812	1.27
1/06 through 12/06	22,275,676	0	0	4	71,383	0	153,978	225,361	1.01
1/07 through 12/07	21,079,895	1	8,237	3	110,233	11,672	85,476	215,618	1.02
5 YR. TOTAL	111,476,670	5	303,510	22	533,890	206,472	593,286	1,637,158	1.47
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	0.751	34%	0.717	1.47			
Pure Premium Indicated by National Relativity		30%	0.873	32%	1.075	1.95			
Pure Premium Present on Rate Level		42%	1.109	34%	0.926	2.04			
Pure Premium Derived by Formula		0.938		0.903		1.84			

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

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CLASS 3516		LOOM HARNESS OR REED MFG.							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,935,795	0	0	1	51,699	0	26,127	77,826	4.02
1/04 through 12/04	1,785,638	0	0	2	2,307	0	5,561	7,868	0.44
1/05 through 12/05	1,642,977	0	0	0	0	0	6,099	6,099	0.37
1/06 through 12/06	1,108,137	0	0	0	0	0	1,391	1,391	0.13
1/07 through 12/07	1,066,925	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	7,539,472	0	0	3	54,006	0	39,178	93,184	1.24
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.716	9%	0.520	1.24			
Pure Premium Indicated by National Relativity		14%	0.661	15%	0.558	1.22			
Pure Premium Present on Rate Level		77%	0.838	76%	0.526	1.36			
Pure Premium Derived by Formula		0.802		0.530		1.33			

CLASS 3548		PRINTING OR BOOKBINDING MACHINE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,629,562	0	0	1	5,904	0	24,705	30,609	0.66
1/04 through 12/04	3,454,213	1	121,805	1	90,465	10,944	71,181	294,395	8.52
1/05 through 12/05	3,450,193	0	0	1	12,136	0	18,286	30,422	0.88
1/06 through 12/06	3,855,086	0	0	2	4,002	0	9,683	13,685	0.36
1/07 through 12/07	5,243,578	0	0	1	6,037	0	7,298	13,335	0.25
5 YR. TOTAL	20,632,632	1	121,805	6	118,544	10,944	131,153	382,446	1.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	1.165	15%	0.689	1.85			
Pure Premium Indicated by National Relativity		43%	0.594	42%	0.658	1.25			
Pure Premium Present on Rate Level		44%	0.838	43%	0.658	1.50			
Pure Premium Derived by Formula		0.776		0.663		1.44			

CLASS 3559		CONFECTION MACHINE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	919,610	1	167,535	1	4,334	193,980	3,177	369,026	40.13
1/04 through 12/04	3,508,142	1	32,656	1	741	0	24,025	57,422	1.64
1/05 through 12/05	3,143,409	0	0	0	0	0	2,437	2,437	0.08
1/06 through 12/06	4,034,488	0	0	1	456	0	2,992	3,448	0.09
1/07 through 12/07	2,838,995	0	0	2	17,690	0	11,252	28,942	1.02
5 YR. TOTAL	14,444,644	2	200,191	5	23,221	193,980	43,883	461,275	3.19
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	1.547	19%	1.647	3.19			
Pure Premium Indicated by National Relativity		43%	1.005	40%	1.304	2.31			
Pure Premium Present on Rate Level		43%	1.426	41%	1.666	3.09			
Pure Premium Derived by Formula		1.262		1.518		2.78			

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

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CLASS 3574		COMPUTING, RECORDING OR OFFICE MACHINE MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	93,269,603	2	38,736	12	431,895	188,120	380,586	1,039,337	1.12
1/04 through 12/04	98,423,602	0	0	12	444,369	0	341,645	786,014	0.80
1/05 through 12/05	99,070,291	4	159,681	6	147,220	211,293	242,078	760,272	0.77
1/06 through 12/06	224,154,522	7	322,591	11	205,791	547,152	462,707	1,538,241	0.69
1/07 through 12/07	231,134,650	7	187,356	13	238,429	418,860	406,599	1,251,244	0.54
5 YR. TOTAL	746,052,668	20	708,364	54	1,467,704	1,365,425	1,833,615	5,375,108	0.72
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	0.292	53%	0.429	0.72			
Pure Premium Indicated by National Relativity		30%	0.498	23%	0.575	1.07			
Pure Premium Present on Rate Level		30%	0.390	24%	0.403	0.79			
Pure Premium Derived by Formula		0.383		0.456		0.84			

CLASS 3581		FUEL INJECTION DEVICE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	30,405,556	4	179,193	11	291,112	112,023	283,499	865,827	2.85
1/04 through 12/04	31,533,595	8	647,163	11	274,664	610,864	338,759	1,871,450	5.93
1/05 through 12/05	32,845,085	2	315,963	14	130,000	95,472	162,233	703,668	2.14
1/06 through 12/06	30,266,659	0	0	16	406,237	0	311,439	717,676	2.37
1/07 through 12/07	27,790,426	2	27,294	9	295,913	44,701	224,609	592,517	2.13
5 YR. TOTAL	152,841,321	16	1,169,613	61	1,397,926	863,060	1,320,539	4,751,138	3.11
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	1.680	43%	1.429	3.11			
Pure Premium Indicated by National Relativity		34%	0.614	28%	0.639	1.25			
Pure Premium Present on Rate Level		34%	1.120	29%	1.148	2.27			
Pure Premium Derived by Formula		1.127		1.126		2.25			

CLASS 3612		PUMP MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	51,238,876	3	176,959	8	84,085	58,649	211,182	530,875	1.04
1/04 through 12/04	41,587,961	2	20,256	8	62,353	65,123	149,755	297,487	0.72
1/05 through 12/05	56,175,180	5	321,167	17	209,128	268,885	311,076	1,110,256	1.98
1/06 through 12/06	63,623,334	4	164,831	10	130,304	65,786	350,167	711,088	1.12
1/07 through 12/07	57,668,410	2	11,848	16	293,534	32,314	500,249	837,945	1.45
5 YR. TOTAL	270,293,761	16	695,061	59	779,404	490,757	1,522,429	3,487,651	1.29
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		35%	0.546	47%	0.745	1.29			
Pure Premium Indicated by National Relativity		32%	1.033	26%	1.205	2.24			
Pure Premium Present on Rate Level		33%	0.779	27%	0.818	1.60			
Pure Premium Derived by Formula		0.779		0.884		1.66			

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

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EFFECTIVE 4/1/2011

CLASS 3620		BOILERMAKING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	30,069,966	4	413,883	12	961,610	476,765	571,796	2,424,054	8.06
1/04 through 12/04	19,935,141	8	796,612	5	49,877	917,199	89,189	1,852,877	9.29
1/05 through 12/05	19,625,303	2	215,227	6	192,457	100,784	181,280	689,748	3.51
1/06 through 12/06	23,659,396	6	501,465	8	192,452	351,796	204,455	1,250,168	5.28
1/07 through 12/07	22,078,925	7	753,668	18	333,598	476,721	345,064	1,909,051	8.65
5 YR. TOTAL	115,368,731	27	2,680,855	49	1,729,994	2,323,265	1,391,784	8,125,898	7.04
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		41%	3.823		51%	3.220		7.04	
Pure Premium Indicated by National Relativity		29%	1.790		24%	1.890		3.68	
Pure Premium Present on Rate Level		30%	2.747		25%	2.440		5.19	
Pure Premium Derived by Formula		2.911			2.706			5.62	

CLASS 3629		PRECISION MACHINED PARTS MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	65,332,304	5	266,174	17	331,749	48,363	426,959	1,073,245	1.64
1/04 through 12/04	66,663,834	5	125,838	17	298,233	113,994	577,378	1,115,443	1.67
1/05 through 12/05	75,742,539	2	28,574	12	182,762	33,589	301,246	546,171	0.72
1/06 through 12/06	84,273,554	2	648,892	16	187,449	212,682	245,175	1,294,198	1.54
1/07 through 12/07	85,713,840	5	357,659	23	322,974	395,311	352,885	1,428,829	1.67
5 YR. TOTAL	377,726,071	19	1,427,137	85	1,323,167	803,939	1,903,643	5,457,886	1.45
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		42%	0.728		55%	0.717		1.45	
Pure Premium Indicated by National Relativity		29%	0.772		22%	0.910		1.68	
Pure Premium Present on Rate Level		29%	0.865		23%	0.884		1.75	
Pure Premium Derived by Formula		0.780			0.798			1.58	

CLASS 3632		MACHINE SHOP NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	536,960,155	55	4,064,191	216	3,007,489	3,364,188	3,902,511	14,338,379	2.67
1/04 through 12/04	518,538,230	42	3,488,150	193	3,481,739	3,260,905	4,335,893	14,566,687	2.81
1/05 through 12/05	581,731,216	32	2,644,273	199	3,769,986	2,643,334	4,491,227	13,548,820	2.33
1/06 through 12/06	602,169,686	52	4,576,738	178	2,898,992	4,064,418	3,134,413	14,674,561	2.44
1/07 through 12/07	558,945,417	27	2,307,996	159	3,480,550	1,813,054	4,495,627	12,097,227	2.17
5 YR. TOTAL	2,798,344,704	208	17,081,348	945	16,638,756	15,145,899	20,359,671	69,225,674	2.47
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		100%	1.205		100%	1.269		2.47	
Pure Premium Indicated by National Relativity		0%	1.283		0%	1.501		2.78	
Pure Premium Present on Rate Level		0%	1.283		0%	1.321		2.60	
Pure Premium Derived by Formula		1.205			1.269			2.47	

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

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CLASS 3634		VALVE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	47,873,960	2	152,254	8	128,344	49,764	94,049	424,411	0.89
1/04 through 12/04	42,931,797	3	140,241	16	164,594	54,755	271,970	631,560	1.47
1/05 through 12/05	42,786,897	3	333,029	8	97,392	87,983	142,575	660,979	1.55
1/06 through 12/06	57,246,578	3	219,178	5	117,745	110,450	109,507	556,880	0.97
1/07 through 12/07	67,350,086	1	199,725	12	224,578	236,310	253,225	913,838	1.36
5 YR. TOTAL	258,189,318	12	1,044,427	49	732,653	539,262	871,326	3,187,668	1.23
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		35%	0.688	43%	0.546			1.23	
Pure Premium Indicated by National Relativity		32%	0.773	28%	0.951			1.72	
Pure Premium Present on Rate Level		33%	0.813	29%	0.713			1.53	
Pure Premium Derived by Formula		0.756				0.708		1.46	

CLASS 3635		GEAR MFG OR GRINDING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	24,689,365	2	301,799	12	628,940	262,352	181,557	1,374,648	5.57
1/04 through 12/04	27,248,920	0	0	7	112,039	0	91,555	203,594	0.75
1/05 through 12/05	23,479,437	1	11,360	5	133,795	31,315	98,971	275,441	1.17
1/06 through 12/06	30,858,208	2	28,865	6	18,870	72,454	84,104	204,293	0.66
1/07 through 12/07	30,236,022	0	0	8	68,244	0	139,372	207,616	0.69
5 YR. TOTAL	136,511,952	5	342,024	38	961,888	366,121	595,559	2,265,592	1.66
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		34%	0.955	40%	0.704			1.66	
Pure Premium Indicated by National Relativity		33%	1.309	30%	1.530			2.84	
Pure Premium Present on Rate Level		33%	1.428	30%	1.085			2.51	
Pure Premium Derived by Formula		1.228				1.066		2.29	

CLASS 3638		BALL OR ROLLER BEARING MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	49,763,134	3	57,681	15	123,756	80,883	413,105	675,425	1.36
1/04 through 12/04	59,119,421	2	364,618	13	105,679	192,893	223,960	887,150	1.50
1/05 through 12/05	65,860,932	2	48,326	15	112,887	51,628	219,017	431,858	0.66
1/06 through 12/06	70,877,856	3	171,851	12	273,098	163,631	371,379	979,959	1.38
1/07 through 12/07	83,619,386	3	405,913	13	257,358	237,237	333,688	1,234,196	1.48
5 YR. TOTAL	329,240,729	13	1,048,389	68	872,778	726,272	1,561,149	4,208,588	1.28
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		38%	0.584	50%	0.695			1.28	
Pure Premium Indicated by National Relativity		31%	0.776	25%	0.896			1.67	
Pure Premium Present on Rate Level		31%	0.758	25%	0.788			1.55	
Pure Premium Derived by Formula		0.697				0.769		1.47	

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

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CLASS 3642		BATTERY MFG-DRY							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	50,763,239	0	0	0	0	0	3,500	3,500	0.01
1/04 through 12/04	46,199,927	0	0	3	13,758	0	11,058	24,816	0.05
1/05 through 12/05	43,067,961	0	0	4	234,757	0	178,667	413,424	0.96
1/06 through 12/06	42,178,989	0	0	2	23,171	0	21,572	44,743	0.11
1/07 through 12/07	48,626,404	0	0	1	3,241	0	7,784	11,025	0.02
5 YR. TOTAL	230,836,520	0	0	10	274,927	0	222,581	497,508	0.22
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.119	29%	0.096	0.22			
Pure Premium Indicated by National Relativity		37%	0.494	35%	0.651	1.15			
Pure Premium Present on Rate Level		40%	0.329	36%	0.291	0.62			
Pure Premium Derived by Formula		0.342		0.360		0.70			

CLASS 3643		ELECTRIC POWER OR TRANSMISSION EQUIPMENT MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	209,654,458	12	556,496	50	1,319,222	479,659	1,119,152	3,474,529	1.66
1/04 through 12/04	141,359,158	8	1,025,841	35	997,703	852,131	1,018,606	3,894,281	2.75
1/05 through 12/05	145,588,371	6	168,278	28	1,124,180	203,774	1,033,609	2,529,841	1.74
1/06 through 12/06	179,435,733	13	2,088,254	41	987,440	1,142,510	1,073,992	5,292,196	2.95
1/07 through 12/07	206,411,340	5	867,395	35	1,152,247	1,016,298	1,151,318	4,187,258	2.03
5 YR. TOTAL	882,449,060	44	4,706,264	189	5,580,792	3,694,372	5,396,677	19,378,105	2.20
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		67%	1.166	83%	1.030	2.20			
Pure Premium Indicated by National Relativity		16%	1.147	8%	1.239	2.39			
Pure Premium Present on Rate Level		17%	1.200	9%	1.068	2.27			
Pure Premium Derived by Formula		1.169		1.050		2.22			

CLASS 3647		BATTERY MFG-STORAGE							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	22,799,262	0	0	7	139,347	0	150,553	289,900	1.27
1/04 through 12/04	21,189,544	2	191,268	12	107,769	120,401	161,462	580,900	2.74
1/05 through 12/05	17,587,907	0	0	4	4,221	0	41,964	46,185	0.26
1/06 through 12/06	21,911,942	0	0	7	72,406	0	100,841	173,247	0.79
1/07 through 12/07	14,718,864	2	197,257	4	80,465	131,615	128,088	537,425	3.65
5 YR. TOTAL	98,207,519	4	388,525	34	404,208	252,016	582,908	1,627,657	1.66
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		29%	0.807	34%	0.850	1.66			
Pure Premium Indicated by National Relativity		35%	1.245	33%	1.246	2.49			
Pure Premium Present on Rate Level		36%	1.280	33%	1.029	2.31			
Pure Premium Derived by Formula		1.131		1.040		2.17			

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

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CLASS 3648		AUTOMOTIVE LIGHTING, IGNITION OR STARTING APPARATUS MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	28,335,725	0	0	2	10,471	0	23,882	34,353	0.12
1/04 through 12/04	34,738,830	1	12,471	7	56,401	49,731	129,382	247,985	0.71
1/05 through 12/05	42,979,127	2	39,835	6	69,181	44,910	116,350	270,276	0.63
1/06 through 12/06	42,550,353	2	446,051	6	63,934	102,963	117,871	730,819	1.72
1/07 through 12/07	39,850,763	0	0	6	133,068	0	148,397	281,465	0.71
5 YR. TOTAL	188,454,798	5	498,357	27	333,055	197,604	535,882	1,564,898	0.83
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	0.441	36%	0.389	0.83			
Pure Premium Indicated by National Relativity		37%	0.719	32%	0.756	1.48			
Pure Premium Present on Rate Level		37%	0.534	32%	0.625	1.16			
Pure Premium Derived by Formula		0.578		0.582		1.16			

CLASS 3681		TELEVISION, RADIO, TELEPHONE OR TELECOMMUNICATION DEVICE MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	215,944,561	14	541,020	70	767,981	345,813	926,682	2,581,496	1.20
1/04 through 12/04	199,693,888	13	1,288,278	63	909,115	624,505	842,683	3,664,581	1.84
1/05 through 12/05	228,797,410	15	651,085	76	1,041,435	431,451	1,566,197	3,690,168	1.61
1/06 through 12/06	206,135,373	13	1,347,788	61	766,406	565,612	1,052,552	3,732,358	1.81
1/07 through 12/07	194,659,777	7	448,004	23	777,573	684,031	882,938	2,792,546	1.44
5 YR. TOTAL	1,045,231,009	62	4,276,175	293	4,262,510	2,651,412	5,271,052	16,461,149	1.58
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		56%	0.817	75%	0.758	1.58			
Pure Premium Indicated by National Relativity		22%	0.380	12%	0.462	0.84			
Pure Premium Present on Rate Level		22%	0.656	13%	0.686	1.34			
Pure Premium Derived by Formula		0.685		0.713		1.40			

CLASS 3685		INSTRUMENT MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	92,497,290	9	484,210	21	269,478	396,214	356,051	1,505,953	1.63
1/04 through 12/04	93,170,500	4	111,934	13	208,162	133,434	320,893	774,423	0.83
1/05 through 12/05	121,412,950	6	131,443	16	754,097	139,397	459,633	1,484,570	1.22
1/06 through 12/06	123,614,905	4	425,519	14	273,527	149,253	331,800	1,180,099	0.96
1/07 through 12/07	132,154,110	7	497,978	10	269,048	378,064	284,943	1,430,033	1.08
5 YR. TOTAL	562,849,755	30	1,651,084	74	1,774,312	1,196,362	1,753,320	6,375,078	1.13
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		42%	0.609	53%	0.524	1.13			
Pure Premium Indicated by National Relativity		29%	0.423	23%	0.518	0.94			
Pure Premium Present on Rate Level		29%	0.579	24%	0.530	1.11			
Pure Premium Derived by Formula		0.546		0.524		1.07			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 3719		OIL STILL ERECTION OR REPAIR							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,847,720	0	0	1	2,098	0	5,526	7,624	0.20
1/04 through 12/04	5,509,084	0	0	0	0	0	86	86	0.00
1/05 through 12/05	14,492,397	1	8,022	0	0	10,920	0	18,942	0.13
1/06 through 12/06	6,853,007	0	0	0	0	0	1,139	1,139	0.02
1/07 through 12/07	5,072,417	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	35,774,625	1	8,022	1	2,098	10,920	6,751	27,791	0.08
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		17%	0.028	18%	0.049			0.08	
Pure Premium Indicated by National Relativity		41%	1.267	41%	1.166			2.43	
Pure Premium Present on Rate Level		42%	0.957	41%	0.535			1.49	
Pure Premium Derived by Formula		0.926				0.706		1.63	

CLASS 3724		MACHINERY OR EQUIPMENT ERECTION OR REPAIR NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	379,799,886	53	5,221,801	158	4,260,177	5,093,153	4,180,337	18,755,468	4.94
1/04 through 12/04	437,519,974	46	4,312,952	150	4,069,697	5,376,207	4,417,182	18,176,038	4.15
1/05 through 12/05	465,456,782	52	4,937,590	156	3,412,971	3,775,218	3,958,152	16,083,931	3.46
1/06 through 12/06	378,575,972	40	4,792,770	128	3,988,890	5,993,757	4,093,785	18,869,202	4.99
1/07 through 12/07	370,819,149	31	4,361,362	102	3,054,033	3,983,190	3,573,360	14,971,945	4.04
5 YR. TOTAL	2,032,171,763	222	23,626,475	694	18,785,768	24,221,525	20,222,816	86,856,584	4.27
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	2.087	100%	2.187			4.27	
Pure Premium Indicated by National Relativity		0%	2.589	0%	2.542			5.13	
Pure Premium Present on Rate Level		0%	2.328	0%	2.289			4.62	
Pure Premium Derived by Formula		2.087				2.187		4.27	

CLASS 3726		BOILER INSTALLATION OR REPAIR-STEAM							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	13,008,858	1	162,316	3	58,615	154,745	68,229	443,905	3.41
1/04 through 12/04	17,172,993	2	417,196	7	674,094	382,934	230,878	1,705,102	9.93
1/05 through 12/05	18,963,254	6	1,349,582	5	159,184	1,281,364	107,551	2,897,681	15.28
1/06 through 12/06	20,182,822	5	573,287	12	384,751	916,865	253,603	2,128,506	10.55
1/07 through 12/07	22,197,802	7	1,054,216	5	557,512	1,482,751	758,976	3,853,455	17.36
5 YR. TOTAL	91,525,729	21	3,556,597	32	1,834,156	4,218,659	1,419,237	11,028,649	12.05
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		44%	5.890	50%	6.160			12.05	
Pure Premium Indicated by National Relativity		28%	3.760	25%	2.860			6.62	
Pure Premium Present on Rate Level		28%	3.993	25%	2.904			6.90	
Pure Premium Derived by Formula		4.762				4.521		9.28	

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

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EFFECTIVE 4/1/2011

CLASS 3803		AUTOMOBILE WHEEL MFG-METAL-NOT CAST							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	128,133	0	0	0	0	0	0	0	0.00
1/05 through 12/05	360,153	0	0	0	0	0	1,180	1,180	0.33
1/06 through 12/06	208,963	0	0	0	0	0	418	418	0.20
1/07 through 12/07	118,934	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	816,183	0	0	0	0	0	1,598	1,598	0.20
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	5%	0.196	0.20			
Pure Premium Indicated by National Relativity		40%	0.967	42%	1.172	2.14			
Pure Premium Present on Rate Level		56%	1.127	53%	1.060	2.19			
Pure Premium Derived by Formula		1.018		1.064		2.08			

CLASS 3807		AUTOMOBILE RADIATOR MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	547,986	0	0	1	10,073	0	30,281	40,354	7.36
1/04 through 12/04	331,030	0	0	0	0	0	0	0	0.00
1/05 through 12/05	374,502	0	0	0	0	0	0	0	0.00
1/06 through 12/06	228,598	0	0	0	0	0	0	0	0.00
1/07 through 12/07	140,167	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,622,283	0	0	1	10,073	0	30,281	40,354	2.49
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.621	7%	1.867	2.49			
Pure Premium Indicated by National Relativity		47%	1.125	46%	1.219	2.34			
Pure Premium Present on Rate Level		48%	0.863	47%	0.998	1.86			
Pure Premium Derived by Formula		0.974		1.160		2.13			

CLASS 3808		AUTOMOBILE MFG OR ASSEMBLY							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	85,447,370	6	185,807	20	278,864	159,930	351,693	976,294	1.14
1/04 through 12/04	99,237,880	8	385,005	12	319,813	228,013	437,460	1,370,291	1.38
1/05 through 12/05	128,984,085	6	355,274	23	633,243	435,636	923,076	2,347,229	1.82
1/06 through 12/06	168,971,589	1	160,499	16	401,152	820,548	421,446	1,803,645	1.07
1/07 through 12/07	201,348,434	6	455,747	29	1,084,240	340,813	976,386	2,857,186	1.42
5 YR. TOTAL	683,989,358	27	1,542,332	100	2,717,312	1,984,940	3,110,061	9,354,645	1.37
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		57%	0.623	69%	0.745	1.37			
Pure Premium Indicated by National Relativity		21%	1.553	15%	1.469	3.02			
Pure Premium Present on Rate Level		22%	1.051	16%	0.852	1.90			
Pure Premium Derived by Formula		0.912		0.871		1.78			

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

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CLASS 3821		AUTOMOBILE RECYCLING & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,250,105	2	242,251	9	169,820	87,316	191,135	690,522	3.78
1/04 through 12/04	19,687,584	3	187,218	10	86,162	142,506	137,270	553,156	2.81
1/05 through 12/05	17,482,566	0	0	15	285,032	0	254,884	539,916	3.09
1/06 through 12/06	19,014,363	1	44,114	14	206,168	57,814	182,390	490,486	2.58
1/07 through 12/07	19,512,394	7	837,683	7	112,160	753,325	227,933	1,931,101	9.90
5 YR. TOTAL	93,947,012	13	1,311,266	55	859,342	1,040,961	993,612	4,205,181	4.48
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	2.310	46%	2.166	4.48			
Pure Premium Indicated by National Relativity		32%	3.014	27%	3.609	6.62			
Pure Premium Present on Rate Level		32%	2.350	27%	2.274	4.62			
Pure Premium Derived by Formula		2.548		2.585		5.13			

CLASS 3822		AUTOMOBILE, BUS, TRUCK OR TRAILER BODY MFG: DIE-PRESSED STEEL							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	378,753	0	0	0	0	0	457	457	0.12
1/04 through 12/04	61,385	0	0	0	0	0	3,002	3,002	4.89
1/05 through 12/05	288,939	0	0	0	0	0	0	0	0.00
1/06 through 12/06	450,987	0	0	0	0	0	113	113	0.03
1/07 through 12/07	2,237,545	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,417,609	0	0	0	0	0	3,572	3,572	0.11
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.000	12%	0.105	0.11			
Pure Premium Indicated by National Relativity		45%	2.508	44%	2.630	5.14			
Pure Premium Present on Rate Level		45%	2.845	44%	2.221	5.07			
Pure Premium Derived by Formula		2.409		2.147		4.56			

CLASS 3824		AUTOMOBILE, BUS, TRUCK OR TRAILER BODY MFG: NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	37,046,118	4	187,623	19	276,056	95,398	263,521	822,598	2.22
1/04 through 12/04	37,927,197	5	219,527	29	319,726	175,377	396,109	1,110,739	2.93
1/05 through 12/05	42,245,412	5	239,828	21	197,958	123,307	358,511	919,604	2.18
1/06 through 12/06	39,440,724	5	610,691	20	602,039	684,247	371,966	2,268,943	5.75
1/07 through 12/07	31,164,890	2	64,245	23	488,969	44,683	547,882	1,145,779	3.68
5 YR. TOTAL	187,824,341	21	1,321,914	112	1,884,748	1,123,012	1,937,989	6,267,663	3.34
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		42%	1.707	54%	1.630	3.34			
Pure Premium Indicated by National Relativity		29%	1.789	23%	2.100	3.89			
Pure Premium Present on Rate Level		29%	1.786	23%	1.682	3.47			
Pure Premium Derived by Formula		1.754		1.750		3.50			

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

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CLASS 3826		AIRCRAFT ENGINE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	48,449,682	4	637,373	2	18,592	247,380	33,068	936,413	1.93
1/04 through 12/04	4,660,196	0	0	1	1,079	0	3,970	5,049	0.11
1/05 through 12/05	49,043,451	3	486,908	5	92,448	121,908	119,377	820,641	1.67
1/06 through 12/06	53,730,599	3	104,388	8	388,799	69,890	253,712	816,789	1.52
1/07 through 12/07	49,105,429	1	14,273	8	164,890	6,687	128,254	314,104	0.64
5 YR. TOTAL	204,989,357	11	1,242,942	24	665,808	445,865	538,381	2,892,996	1.41
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		27%	0.931	32%	0.480	1.41			
Pure Premium Indicated by National Relativity		36%	0.350	34%	0.296	0.65			
Pure Premium Present on Rate Level		37%	0.548	34%	0.428	0.98			
Pure Premium Derived by Formula		0.580		0.400		0.98			

CLASS 3827		AUTOMOBILE ENGINE MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	14,152,371	1	3,308	2	8,148	40,831	9,508	61,795	0.44
1/04 through 12/04	18,390,083	2	27,054	4	61,119	51,592	162,329	302,094	1.64
1/05 through 12/05	22,525,303	1	26,342	1	1,729	56,217	21,675	105,963	0.47
1/06 through 12/06	33,370,451	1	18,238	4	124,009	15,368	195,013	352,628	1.06
1/07 through 12/07	25,159,548	1	1,458	2	19,986	18,934	44,733	85,111	0.34
5 YR. TOTAL	113,597,756	6	76,400	13	214,991	182,942	433,258	907,591	0.80
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.257	30%	0.542	0.80			
Pure Premium Indicated by National Relativity		40%	0.709	35%	0.806	1.52			
Pure Premium Present on Rate Level		40%	0.465	35%	0.633	1.10			
Pure Premium Derived by Formula		0.521		0.666		1.19			

CLASS 3830		AIRPLANE MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	10,197,066	0	0	7	280,268	0	272,784	553,052	5.42
1/04 through 12/04	3,272,897	0	0	0	0	0	7,687	7,687	0.24
1/05 through 12/05	3,143,107	0	0	1	1,475	0	24,262	25,737	0.82
1/06 through 12/06	4,253,903	1	13,678	0	0	10,475	2,545	26,698	0.63
1/07 through 12/07	6,425,255	1	22,939	2	8,808	26,664	14,009	72,420	1.13
5 YR. TOTAL	27,292,228	2	36,617	10	290,551	37,139	321,287	685,594	2.51
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	1.199	19%	1.313	2.51			
Pure Premium Indicated by National Relativity		42%	0.612	40%	0.553	1.17			
Pure Premium Present on Rate Level		42%	1.145	41%	0.889	2.03			
Pure Premium Derived by Formula		0.930		0.835		1.77			

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

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CLASS 3851		MOTORCYCLE MFG OR ASSEMBLY							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	354,140	0	0	0	0	0	0	0	0.00
1/04 through 12/04	721,075	1	330,069	0	0	359,138	741	689,948	95.68
1/05 through 12/05	799,819	0	0	0	0	0	64	64	0.01
1/06 through 12/06	808,305	1	67,965	0	0	80,187	0	148,152	18.33
1/07 through 12/07	1,125,825	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,809,164	2	398,034	0	0	439,325	805	838,164	22.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	10.449	11%	11.555	22.00			
Pure Premium Indicated by National Relativity		46%	0.918	44%	1.389	2.31			
Pure Premium Present on Rate Level		46%	1.337	45%	1.673	3.01			
Pure Premium Derived by Formula		1.873		2.635		4.51			

CLASS 3865		BABY CARRIAGE MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,310,797	0	0	0	0	0	0	0	0.00
1/04 through 12/04	1,680,677	0	0	0	0	0	0	0	0.00
1/05 through 12/05	1,079,837	0	0	1	39,362	0	5,765	45,127	4.18
1/06 through 12/06	356,928	0	0	0	0	0	2,060	2,060	0.58
1/07 through 12/07	249,513	0	0	0	0	0	119	119	0.05
5 YR. TOTAL	4,677,752	0	0	1	39,362	0	7,944	47,306	1.01
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.841	9%	0.170	1.01			
Pure Premium Indicated by National Relativity		31%	1.042	32%	1.045	2.09			
Pure Premium Present on Rate Level		62%	0.911	59%	0.747	1.66			
Pure Premium Derived by Formula		0.947		0.790		1.74			

CLASS 3881		CAR MFG-RAILROAD-& DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,891,821	1	2,216	0	0	656	0	2,872	0.15
1/04 through 12/04	1,153,784	0	0	1	96,535	0	57,059	153,594	13.31
1/05 through 12/05	1,286,199	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,504,154	0	0	0	0	0	1,381	1,381	0.09
1/07 through 12/07	1,830,479	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	7,666,437	1	2,216	1	96,535	656	58,440	157,847	2.06
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	1.288	15%	0.771	2.06			
Pure Premium Indicated by National Relativity		44%	1.816	42%	2.133	3.95			
Pure Premium Present on Rate Level		44%	1.741	43%	1.554	3.30			
Pure Premium Derived by Formula		1.720		1.680		3.40			

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

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CLASS 4000		SAND OR GRAVEL DIGGING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	25,292,905	5	424,563	13	480,324	232,780	355,332	1,492,999	5.90
1/04 through 12/04	23,989,261	4	356,543	5	314,713	349,302	109,452	1,130,010	4.71
1/05 through 12/05	19,633,216	7	825,291	4	36,361	944,646	66,073	1,872,371	9.54
1/06 through 12/06	17,246,569	0	0	1	433	0	20,046	20,479	0.12
1/07 through 12/07	33,170,247	2	182,324	3	173,279	255,857	208,718	820,178	2.47
5 YR. TOTAL	119,332,198	18	1,788,721	26	1,005,110	1,782,585	759,621	5,336,037	4.47
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		47%	2.341	56%	2.130	4.47			
Pure Premium Indicated by National Relativity		26%	3.301	22%	3.372	6.67			
Pure Premium Present on Rate Level		27%	3.599	22%	2.863	6.46			
Pure Premium Derived by Formula		2.930		2.565		5.50			

CLASS 4021		BRICK OR CLAY PRODUCTS MFG. NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	57,530,779	7	1,300,216	14	619,294	930,477	526,494	3,376,481	5.87
1/04 through 12/04	50,019,866	8	678,278	16	290,797	962,797	375,315	2,307,187	4.61
1/05 through 12/05	62,961,235	7	931,896	22	579,723	1,149,482	606,659	3,267,760	5.19
1/06 through 12/06	62,967,823	5	859,892	23	473,470	787,345	753,945	2,874,652	4.57
1/07 through 12/07	49,779,905	6	826,623	19	350,866	758,652	510,297	2,446,438	4.91
5 YR. TOTAL	283,259,608	33	4,596,905	94	2,314,150	4,588,753	2,772,710	14,272,518	5.04
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		55%	2.440	73%	2.599	5.04			
Pure Premium Indicated by National Relativity		22%	1.696	13%	1.988	3.68			
Pure Premium Present on Rate Level		23%	2.274	14%	2.363	4.64			
Pure Premium Derived by Formula		2.238		2.487		4.73			

CLASS 4024		REFRACTORY PRODUCTS MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,673,902	0	0	1	93,770	0	61,638	155,408	4.23
1/04 through 12/04	4,468,260	1	100,663	1	59,141	13,279	92,280	265,363	5.94
1/05 through 12/05	4,657,928	0	0	0	0	0	289	289	0.01
1/06 through 12/06	4,278,507	2	46,419	1	18,491	65,150	18,994	149,054	3.48
1/07 through 12/07	4,173,720	1	15,057	2	62,366	13,618	23,506	114,547	2.74
5 YR. TOTAL	21,252,317	4	162,139	5	233,768	92,047	196,707	684,661	3.22
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	1.863	21%	1.359	3.22			
Pure Premium Indicated by National Relativity		41%	2.008	39%	1.671	3.68			
Pure Premium Present on Rate Level		41%	1.760	40%	1.373	3.13			
Pure Premium Derived by Formula		1.880		1.486		3.37			

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

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CLASS 4034		CONCRETE PRODUCTS MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	57,356,639	8	337,031	33	857,243	376,055	1,289,340	2,859,669	4.99
1/04 through 12/04	63,849,910	15	658,917	39	870,167	881,512	1,176,173	3,586,769	5.62
1/05 through 12/05	65,629,833	8	401,615	31	1,070,782	225,750	1,767,744	3,465,891	5.28
1/06 through 12/06	71,202,908	6	468,393	53	957,780	591,452	1,303,265	3,320,890	4.66
1/07 through 12/07	59,826,217	4	535,992	36	1,180,434	644,564	1,153,588	3,514,578	5.88
5 YR. TOTAL	317,865,507	41	2,401,948	192	4,936,406	2,719,333	6,690,110	16,747,797	5.27
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		60%	2.309	81%	2.960	5.27			
Pure Premium Indicated by National Relativity		20%	2.604	9%	2.911	5.52			
Pure Premium Present on Rate Level		20%	2.536	10%	2.762	5.30			
Pure Premium Derived by Formula		2.413		2.936		5.35			

CLASS 4036		PLASTER BOARD OR PLASTER BLOCK MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	13,602,548	0	0	3	66,298	0	59,276	125,574	0.92
1/04 through 12/04	11,391,249	4	179,674	4	11,353	143,973	27,109	362,109	3.18
1/05 through 12/05	18,719,290	2	66,511	5	15,360	110,491	84,650	277,012	1.48
1/06 through 12/06	12,346,375	1	24,293	3	93,409	8,923	35,932	162,557	1.32
1/07 through 12/07	15,626,933	0	0	8	330,395	0	331,577	661,972	4.24
5 YR. TOTAL	71,686,395	7	270,478	23	516,815	263,387	538,544	1,589,224	2.22
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	1.098	30%	1.119	2.22			
Pure Premium Indicated by National Relativity		37%	1.182	35%	1.233	2.42			
Pure Premium Present on Rate Level		37%	1.358	35%	1.053	2.41			
Pure Premium Derived by Formula		1.225		1.136		2.36			

CLASS 4038		PLASTER STATUARY OR ORNAMENT MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,373,962	0	0	0	0	0	1,165	1,165	0.09
1/04 through 12/04	1,481,559	0	0	3	13,173	0	29,375	42,548	2.87
1/05 through 12/05	1,714,527	0	0	2	12,675	0	22,394	35,069	2.05
1/06 through 12/06	1,339,070	0	0	0	0	0	0	0	0.00
1/07 through 12/07	787,199	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	6,696,317	0	0	5	25,848	0	52,934	78,782	1.18
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.386	17%	0.790	1.18			
Pure Premium Indicated by National Relativity		38%	1.709	40%	2.015	3.72			
Pure Premium Present on Rate Level		50%	2.027	43%	2.599	4.63			
Pure Premium Derived by Formula		1.709		2.058		3.77			

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

NORTH CAROLINA

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CLASS 4053		POTTERY MFG: CHINA OR TABLEWARE							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	11,812,415	1	70,102	4	22,892	31,152	33,522	157,668	1.34
1/04 through 12/04	12,335,090	0	0	2	8,922	0	46,916	55,838	0.45
1/05 through 12/05	10,057,675	0	0	4	22,654	0	29,532	52,186	0.52
1/06 through 12/06	12,543,369	1	163,571	3	231,357	452,728	136,049	983,705	7.84
1/07 through 12/07	12,040,655	0	0	0	0	0	14,432	14,432	0.12
5 YR. TOTAL	58,789,204	2	233,673	13	285,825	483,880	260,451	1,263,829	2.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.884	34%	1.266	2.15			
Pure Premium Indicated by National Relativity		25%	0.921	27%	1.118	2.04			
Pure Premium Present on Rate Level		52%	1.302	39%	1.707	3.01			
Pure Premium Derived by Formula		1.111		1.398		2.51			

CLASS 4061		POTTERY MFG: EARTHENWARE-GLAZED OR PORCELAIN-HAND MOLDED OR CAST							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	279,462	0	0	0	0	0	0	0	0.00
1/04 through 12/04	295,169	0	0	0	0	0	0	0	0.00
1/05 through 12/05	498,796	0	0	0	0	0	3,227	3,227	0.65
1/06 through 12/06	740,360	0	0	0	0	0	0	0	0.00
1/07 through 12/07	480,770	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,294,557	0	0	0	0	0	3,227	3,227	0.14
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.000	10%	0.141	0.14			
Pure Premium Indicated by National Relativity		40%	2.826	42%	3.020	5.85			
Pure Premium Present on Rate Level		51%	2.787	48%	2.005	4.79			
Pure Premium Derived by Formula		2.552		2.245		4.80			

CLASS 4062		POTTERY MFG: PORCELAIN WARE-MECHANICAL PRESS FORMING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	26,499,626	1	13,416	6	100,050	18,420	107,587	239,473	0.90
1/04 through 12/04	28,604,889	2	251,138	9	98,460	101,838	165,827	617,263	2.16
1/05 through 12/05	31,958,604	3	55,902	11	65,236	49,075	197,947	368,160	1.15
1/06 through 12/06	32,914,623	2	45,369	3	97,583	100,692	175,764	419,408	1.27
1/07 through 12/07	49,544,389	1	57,095	7	119,704	61,091	222,986	460,876	0.93
5 YR. TOTAL	169,522,131	9	422,920	36	481,033	331,116	870,111	2,105,180	1.24
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		30%	0.533	39%	0.709	1.24			
Pure Premium Indicated by National Relativity		35%	0.799	30%	0.868	1.67			
Pure Premium Present on Rate Level		35%	0.821	31%	0.826	1.65			
Pure Premium Derived by Formula		0.727		0.793		1.52			

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

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CLASS 4101		GLASS MFG-& DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	11,522,731	0	0	2	3,432	0	66,291	69,723	0.61
1/04 through 12/04	24,105,904	1	3,938	4	14,675	0	73,453	92,066	0.38
1/05 through 12/05	31,891,104	3	191,836	10	104,824	55,271	280,919	632,850	1.98
1/06 through 12/06	25,198,527	2	172,982	7	237,323	156,569	360,262	927,136	3.68
1/07 through 12/07	24,734,761	4	183,406	6	148,184	251,813	224,901	808,304	3.27
5 YR. TOTAL	117,453,027	10	552,162	29	508,438	463,653	1,005,826	2,530,079	2.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	0.903	34%	1.251	2.15			
Pure Premium Indicated by National Relativity		37%	1.041	33%	1.338	2.38			
Pure Premium Present on Rate Level		37%	0.819	33%	0.828	1.65			
Pure Premium Derived by Formula		0.923		1.140		2.06			

CLASS 4109 + +		INTEGRATED CIRCUIT MFG.							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.000	100%	0.000	0.00			
Pure Premium Derived by Formula		0.000		0.000		0.00			

CLASS 4110 + +		ELECTRIC BULB MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.000	100%	0.000	0.00			
Pure Premium Derived by Formula		0.000		0.000		0.00			

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

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CLASS 4111		GLASSWARE MFG-NO AUTOMATIC BLOWING MACHINES							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	722,115	0	0	0	0	0	0	0	0.00
1/04 through 12/04	32,057,950	1	28,860	10	133,803	55,495	232,636	450,794	1.41
1/05 through 12/05	36,740,604	0	0	4	33,602	0	83,668	117,270	0.32
1/06 through 12/06	39,673,074	0	0	10	357,825	0	182,997	540,822	1.36
1/07 through 12/07	45,968,684	2	326,578	11	629,471	55,299	502,109	1,513,457	3.29
5 YR. TOTAL	155,162,427	3	355,438	35	1,154,701	110,794	1,001,410	2,622,343	1.69
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.973	40%	0.717	1.69			
Pure Premium Indicated by National Relativity		34%	1.065	30%	1.125	2.19			
Pure Premium Present on Rate Level		34%	1.088	30%	0.976	2.06			
Pure Premium Derived by Formula		1.043		0.917		1.96			

CLASS 4112		INCANDESCENT LAMP MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	12,271,570	3	74,180	12	378,284	204,607	180,907	837,978	6.83
1/04 through 12/04	3,582,093	0	0	0	0	0	0	0	0.00
1/05 through 12/05	9,167,087	0	0	4	35,114	0	76,430	111,544	1.22
1/06 through 12/06	10,879,399	0	0	7	177,807	0	214,235	392,042	3.60
1/07 through 12/07	9,322,775	0	0	2	28,392	0	46,981	75,373	0.81
5 YR. TOTAL	45,222,924	3	74,180	25	619,597	204,607	518,553	1,416,937	3.13
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	1.534	24%	1.599	3.13			
Pure Premium Indicated by National Relativity		40%	0.699	38%	0.593	1.29			
Pure Premium Present on Rate Level		41%	1.038	38%	0.945	1.98			
Pure Premium Derived by Formula		0.997		0.968		1.97			

CLASS 4113		GLASS MFG-CUT							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	47,415,288	9	672,352	13	362,301	588,173	322,325	1,945,151	4.10
1/04 through 12/04	16,267,089	2	273,852	1	540	118,265	15,638	408,295	2.51
1/05 through 12/05	14,415,910	0	0	0	0	0	1,469	1,469	0.01
1/06 through 12/06	16,213,386	0	0	3	45,794	0	21,507	67,301	0.42
1/07 through 12/07	15,510,356	0	0	0	0	0	1,009	1,009	0.01
5 YR. TOTAL	109,822,029	11	946,204	17	408,635	706,438	361,948	2,423,225	2.21
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	1.234	31%	0.973	2.21			
Pure Premium Indicated by National Relativity		21%	0.691	22%	0.956	1.65			
Pure Premium Present on Rate Level		54%	0.827	47%	0.729	1.56			
Pure Premium Derived by Formula		0.900		0.855		1.76			

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

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CLASS 4114		GLASSWARE MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	43,420,981	11	1,349,371	30	292,389	923,676	464,345	3,029,781	6.98
1/04 through 12/04	15,268,626	2	397,139	6	43,067	430,199	95,183	965,588	6.32
1/05 through 12/05	45,106,228	11	939,572	26	674,037	695,928	701,742	3,011,279	6.68
1/06 through 12/06	16,433,774	3	105,036	2	14,891	55,338	85,896	261,161	1.59
1/07 through 12/07	49,890,012	9	869,826	22	611,525	587,198	479,302	2,547,851	5.11
5 YR. TOTAL	170,119,621	36	3,660,944	86	1,635,909	2,692,339	1,826,468	9,815,660	5.77
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		52%	3.114		60%	2.656		5.77	
Pure Premium Indicated by National Relativity		24%	0.960		20%	1.080		2.04	
Pure Premium Present on Rate Level		24%	3.311		20%	2.386		5.70	
Pure Premium Derived by Formula		2.644			2.287			4.93	

CLASS 4130		GLASS MERCHANT							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	14,216,033	4	151,546	4	29,167	104,016	68,067	352,796	2.48
1/04 through 12/04	15,312,267	6	408,953	10	675,154	455,130	488,829	2,028,066	13.25
1/05 through 12/05	15,600,145	1	206,986	12	169,264	379,045	188,500	943,795	6.05
1/06 through 12/06	23,177,740	1	1,771	10	169,782	6,512	288,084	466,149	2.01
1/07 through 12/07	25,783,150	5	424,663	7	252,323	590,384	315,564	1,582,934	6.14
5 YR. TOTAL	94,089,335	17	1,193,919	43	1,295,690	1,535,087	1,349,044	5,373,740	5.71
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		37%	2.646		47%	3.065		5.71	
Pure Premium Indicated by National Relativity		31%	1.693		26%	1.967		3.66	
Pure Premium Present on Rate Level		32%	2.578		27%	2.395		4.97	
Pure Premium Derived by Formula		2.329			2.599			4.93	

CLASS 4131		MIRROR MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,080,135	1	83,392	6	89,586	93,998	96,531	363,507	4.00
1/04 through 12/04	9,122,259	1	107,724	7	51,175	39,164	103,816	301,879	3.31
1/05 through 12/05	8,824,120	0	0	9	339,703	0	114,325	454,028	5.15
1/06 through 12/06	7,867,294	0	0	13	204,523	0	205,104	409,627	5.21
1/07 through 12/07	6,451,554	2	196,638	7	69,760	186,959	82,207	535,564	8.30
5 YR. TOTAL	41,345,362	4	387,754	42	754,747	320,121	601,983	2,064,605	4.99
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	2.763		32%	2.230		4.99	
Pure Premium Indicated by National Relativity		38%	1.079		34%	1.755		2.83	
Pure Premium Present on Rate Level		40%	1.661		34%	2.071		3.73	
Pure Premium Derived by Formula		1.682			2.014			3.70	

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

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EFFECTIVE 4/1/2011

CLASS 4133		CATHEDRAL OR ART GLASS WINDOW MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,973,684	0	0	0	0	0	3,505	3,505	0.12
1/04 through 12/04	2,662,379	1	58,120	1	24,013	134,451	32,525	249,109	9.36
1/05 through 12/05	2,261,877	0	0	1	17,109	0	46,240	63,349	2.80
1/06 through 12/06	2,288,734	0	0	3	63,536	0	194,378	257,914	11.27
1/07 through 12/07	2,346,823	0	0	0	0	0	1,285	1,285	0.06
5 YR. TOTAL	12,533,497	1	58,120	5	104,658	134,451	277,933	575,162	4.59
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	1.299	17%	3.290	4.59			
Pure Premium Indicated by National Relativity		26%	1.003	27%	1.362	2.37			
Pure Premium Present on Rate Level		62%	1.081	56%	1.471	2.55			
Pure Premium Derived by Formula		1.087		1.751		2.84			

CLASS 4149 + +		OPTICAL GOODS MFG. NOC							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.000	100%	0.000	0.00			
Pure Premium Derived by Formula		0.000		0.000		0.00			

CLASS 4150		OPTICAL GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	106,866,208	4	142,671	6	26,402	43,824	110,180	323,077	0.30
1/04 through 12/04	118,164,684	1	2,580	8	46,076	3,506	76,971	129,133	0.11
1/05 through 12/05	77,505,806	2	96,433	6	67,622	132,560	135,329	431,944	0.56
1/06 through 12/06	126,671,985	1	15,384	8	78,340	11,517	158,804	264,045	0.21
1/07 through 12/07	141,639,377	2	54,057	6	62,804	56,933	111,309	285,103	0.20
5 YR. TOTAL	570,848,060	10	311,125	34	281,244	248,340	592,593	1,433,302	0.25
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		30%	0.104	40%	0.147	0.25			
Pure Premium Indicated by National Relativity		35%	0.339	30%	0.391	0.73			
Pure Premium Present on Rate Level		35%	0.243	30%	0.266	0.51			
Pure Premium Derived by Formula		0.235		0.256		0.49			

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

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CLASS 4206		PULP MFG-GROUND WOOD PROCESS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,814,013	0	0	0	0	0	22,395	22,395	1.24
1/04 through 12/04	4,636,024	0	0	2	15,358	0	58,587	73,945	1.60
1/05 through 12/05	4,187,520	0	0	1	13,490	0	30,955	44,445	1.06
1/06 through 12/06	4,715,785	0	0	2	3,817	0	25,594	29,411	0.62
1/07 through 12/07	4,297,753	0	0	2	34,237	0	30,608	64,845	1.51
5 YR. TOTAL	19,651,095	0	0	7	66,902	0	168,139	235,041	1.20
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.340	18%	0.856	1.20			
Pure Premium Indicated by National Relativity		37%	2.191	39%	1.663	3.85			
Pure Premium Present on Rate Level		48%	1.247	43%	1.062	2.31			
Pure Premium Derived by Formula		1.460		1.259		2.72			

CLASS 4207		PULP MFG-CHEMICAL PROCESS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	7,120,012	0	0	3	66,816	0	66,520	133,336	1.87
1/04 through 12/04	5,899,357	0	0	0	0	0	2,675	2,675	0.05
1/05 through 12/05	1,772,619	0	0	0	0	0	2,151	2,151	0.12
1/06 through 12/06	6,396,959	1	71,800	4	56,288	40,656	35,828	204,572	3.20
1/07 through 12/07	34,388,931	0	0	3	18,428	0	38,347	56,775	0.17
5 YR. TOTAL	55,577,878	1	71,800	10	141,532	40,656	145,521	399,509	0.72
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.384	20%	0.335	0.72			
Pure Premium Indicated by National Relativity		41%	0.485	40%	0.414	0.90			
Pure Premium Present on Rate Level		42%	0.647	40%	0.482	1.13			
Pure Premium Derived by Formula		0.536		0.425		0.96			

CLASS 4239		PAPER MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	78,246,714	5	443,830	28	717,950	404,385	700,289	2,266,454	2.90
1/04 through 12/04	113,734,844	9	530,694	32	740,490	542,271	1,025,568	2,839,023	2.50
1/05 through 12/05	113,324,607	5	945,985	30	1,632,813	1,213,685	1,124,953	4,917,436	4.34
1/06 through 12/06	90,232,579	3	146,944	27	560,543	51,503	647,197	1,406,187	1.56
1/07 through 12/07	137,365,023	5	112,212	27	433,897	189,789	580,863	1,316,761	0.96
5 YR. TOTAL	532,903,767	27	2,179,665	144	4,085,693	2,401,633	4,078,870	12,745,861	2.39
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		62%	1.176	78%	1.216	2.39			
Pure Premium Indicated by National Relativity		19%	1.031	11%	0.945	1.98			
Pure Premium Present on Rate Level		19%	1.609	11%	1.483	3.09			
Pure Premium Derived by Formula		1.231		1.216		2.45			

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

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CLASS 4240		BOX MFG-SET-UP PAPER							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,016,830	0	0	0	0	0	3,109	3,109	0.15
1/04 through 12/04	3,464,228	0	0	0	0	0	1,212	1,212	0.04
1/05 through 12/05	11,592,036	0	0	0	0	0	6,804	6,804	0.06
1/06 through 12/06	11,408,833	0	0	1	52,184	0	15,011	67,195	0.59
1/07 through 12/07	10,103,934	0	0	1	159,270	0	73,958	233,228	2.31
5 YR. TOTAL	38,585,861	0	0	2	211,454	0	100,094	311,548	0.81
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.548	21%	0.259	0.81			
Pure Premium Indicated by National Relativity		41%	1.111	39%	1.285	2.40			
Pure Premium Present on Rate Level		42%	0.859	40%	0.819	1.68			
Pure Premium Derived by Formula		0.909		0.883		1.79			

CLASS 4243		BOX MFG-FOLDING PAPER-NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	113,717,023	7	465,793	47	595,061	392,443	645,454	2,098,751	1.85
1/04 through 12/04	172,779,670	10	695,686	45	783,535	769,666	870,193	3,119,080	1.81
1/05 through 12/05	144,268,306	17	1,025,218	44	921,241	996,409	1,191,122	4,133,990	2.87
1/06 through 12/06	150,629,207	8	737,121	48	1,051,795	256,248	877,397	2,922,561	1.94
1/07 through 12/07	178,977,708	3	207,841	48	548,639	229,104	790,226	1,775,810	0.99
5 YR. TOTAL	760,371,914	45	3,131,659	232	3,900,271	2,643,870	4,374,392	14,050,192	1.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		60%	0.925	81%	0.923	1.85			
Pure Premium Indicated by National Relativity		20%	0.934	9%	1.049	1.98			
Pure Premium Present on Rate Level		20%	1.044	10%	1.142	2.19			
Pure Premium Derived by Formula		0.951		0.956		1.91			

CLASS 4244		CORRUGATED OR FIBER BOARD CONTAINER MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	99,173,027	7	484,648	32	584,338	389,982	621,881	2,080,849	2.10
1/04 through 12/04	93,217,611	3	592,773	37	390,989	619,013	509,129	2,111,904	2.27
1/05 through 12/05	86,283,121	2	61,649	23	654,878	69,141	833,189	1,618,857	1.88
1/06 through 12/06	88,524,125	4	75,830	19	478,268	136,476	618,882	1,309,456	1.48
1/07 through 12/07	97,101,079	3	80,301	19	852,551	61,608	880,715	1,875,175	1.93
5 YR. TOTAL	464,298,963	19	1,295,201	130	2,961,024	1,276,220	3,463,796	8,996,241	1.94
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		49%	0.917	64%	1.021	1.94			
Pure Premium Indicated by National Relativity		25%	1.197	18%	1.386	2.58			
Pure Premium Present on Rate Level		26%	1.037	18%	1.037	2.07			
Pure Premium Derived by Formula		1.018		1.090		2.11			

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

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CLASS 4250		PAPER COATING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	96,560,079	1	160,259	18	157,349	83,550	306,358	707,516	0.73
1/04 through 12/04	99,272,205	5	147,877	18	339,896	126,449	480,700	1,094,922	1.10
1/05 through 12/05	80,293,957	4	469,295	16	677,645	105,996	609,447	1,862,383	2.32
1/06 through 12/06	81,204,440	5	157,769	12	124,454	201,923	160,433	644,579	0.79
1/07 through 12/07	82,600,457	3	344,431	5	49,924	250,976	139,729	785,060	0.95
5 YR. TOTAL	439,931,138	18	1,279,631	69	1,349,268	768,894	1,696,667	5,094,460	1.16
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		42%	0.598		55%	0.560		1.16	
Pure Premium Indicated by National Relativity		29%	0.824		22%	0.897		1.72	
Pure Premium Present on Rate Level		29%	0.761		23%	0.774		1.54	
Pure Premium Derived by Formula		0.711			0.683			1.39	

CLASS 4251		STATIONERY MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	22,303,052	0	0	8	37,477	0	73,184	110,661	0.50
1/04 through 12/04	30,245,893	0	0	4	23,022	0	64,894	87,916	0.29
1/05 through 12/05	25,865,502	0	0	5	117,630	0	72,086	189,716	0.73
1/06 through 12/06	23,283,759	1	8,165	3	22,274	0	57,312	87,751	0.38
1/07 through 12/07	26,002,778	0	0	0	0	0	15,776	15,776	0.06
5 YR. TOTAL	127,700,984	1	8,165	20	200,403	0	283,252	491,820	0.39
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		25%	0.163		33%	0.222		0.39	
Pure Premium Indicated by National Relativity		37%	1.285		33%	1.359		2.64	
Pure Premium Present on Rate Level		38%	0.733		34%	0.742		1.48	
Pure Premium Derived by Formula		0.795			0.774			1.57	

CLASS 4263		FIBER GOODS MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	12,115,040	0	0	3	46,959	0	60,408	107,367	0.89
1/04 through 12/04	15,675,662	1	4,217	5	39,651	3,414	88,026	135,308	0.86
1/05 through 12/05	9,137,317	1	51,841	2	46,942	0	43,289	142,072	1.56
1/06 through 12/06	8,908,908	2	169,591	4	75,669	265,990	149,164	660,414	7.41
1/07 through 12/07	14,430,055	0	0	3	34,725	0	122,853	157,578	1.09
5 YR. TOTAL	60,266,982	4	225,649	17	243,946	269,404	463,740	1,202,739	2.00
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	0.779		37%	1.216		2.00	
Pure Premium Indicated by National Relativity		38%	0.885		31%	1.025		1.91	
Pure Premium Present on Rate Level		39%	1.198		32%	2.024		3.22	
Pure Premium Derived by Formula		0.983			1.415			2.40	

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

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EFFECTIVE 4/1/2011

CLASS 4273		BAG MFG. - PLASTIC OR PAPER							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	35,357,720	3	14,123	9	82,901	52,595	191,019	340,638	0.96
1/04 through 12/04	36,128,950	4	124,323	12	129,624	128,898	117,433	500,278	1.39
1/05 through 12/05	25,394,324	2	37,981	14	144,708	46,693	193,028	422,410	1.66
1/06 through 12/06	30,469,224	2	133,630	9	80,178	479,313	90,786	783,907	2.57
1/07 through 12/07	25,919,816	4	162,456	3	74,713	187,592	105,063	529,824	2.04
5 YR. TOTAL	153,270,034	15	472,513	47	512,124	895,091	697,329	2,577,057	1.68
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		29%	0.642		40%	1.039		1.68	
Pure Premium Indicated by National Relativity		35%	1.046		30%	1.214		2.26	
Pure Premium Present on Rate Level		36%	0.840		30%	0.980		1.82	
Pure Premium Derived by Formula		0.855			1.074			1.93	

CLASS 4279		PAPER GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	66,733,514	1	4,036	23	192,117	481	378,267	574,901	0.86
1/04 through 12/04	74,890,429	2	133,474	19	260,998	107,341	452,499	954,312	1.28
1/05 through 12/05	78,703,175	4	480,075	14	86,002	232,469	178,713	977,259	1.24
1/06 through 12/06	65,336,141	2	78,147	22	510,981	225,117	537,752	1,351,997	2.07
1/07 through 12/07	76,527,245	3	134,034	26	579,778	142,695	696,549	1,553,056	2.03
5 YR. TOTAL	362,190,504	12	829,766	104	1,629,876	708,103	2,243,780	5,411,525	1.49
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		41%	0.679		56%	0.815		1.49	
Pure Premium Indicated by National Relativity		29%	1.037		22%	1.261		2.30	
Pure Premium Present on Rate Level		30%	0.845		22%	0.965		1.81	
Pure Premium Derived by Formula		0.833			0.946			1.78	

CLASS 4282		DRESS PATTERN MFG-PAPER							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	838,297	0	0	0	0	0	0	0	0.00
1/04 through 12/04	873,689	0	0	0	0	0	0	0	0.00
1/05 through 12/05	986,078	0	0	0	0	0	385	385	0.04
1/06 through 12/06	869,255	1	108,186	1	13,045	8,290	1,808	131,329	15.11
1/07 through 12/07	790,433	0	0	2	35,458	0	24,594	60,052	7.60
5 YR. TOTAL	4,357,752	1	108,186	3	48,503	8,290	26,787	191,766	4.40
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		8%	3.596		8%	0.805		4.40	
Pure Premium Indicated by National Relativity		14%	0.464		14%	0.772		1.24	
Pure Premium Present on Rate Level		78%	1.074		78%	0.625		1.70	
Pure Premium Derived by Formula		1.190			0.660			1.85	

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

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EFFECTIVE 4/1/2011

CLASS 4283	BUILDING OR ROOFING PAPER OR FELT PREPARATION-NO INSTALLATION								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	486,777	0	0	0	0	0	0	0	0.00
1/04 through 12/04	569,438	0	0	0	0	0	3,974	3,974	0.70
1/05 through 12/05	413,320	0	0	0	0	0	4,017	4,017	0.97
1/06 through 12/06	425,362	1	135,231	1	9,963	172,080	27,442	344,716	81.04
1/07 through 12/07	1,121,120	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,016,017	1	135,231	1	9,963	172,080	35,433	352,707	11.69
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	4.814	11%	6.880	11.69			
Pure Premium Indicated by National Relativity		46%	1.127	44%	1.541	2.67			
Pure Premium Present on Rate Level		46%	1.489	45%	2.019	3.51			
Pure Premium Derived by Formula			1.588		2.343	3.93			

CLASS 4299	PRINTING								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	287,814,768	26	1,655,138	67	1,202,022	1,304,561	1,344,296	5,506,017	1.91
1/04 through 12/04	302,479,094	24	1,394,612	80	856,456	979,687	1,157,856	4,388,611	1.45
1/05 through 12/05	297,487,437	21	1,934,584	75	1,025,171	1,686,537	1,264,192	5,910,484	1.99
1/06 through 12/06	312,549,383	17	947,726	81	1,548,740	643,519	1,834,089	4,974,074	1.59
1/07 through 12/07	342,701,710	15	1,494,759	59	1,896,586	1,663,201	1,825,007	6,879,553	2.01
5 YR. TOTAL	1,543,032,392	103	7,426,819	362	6,528,975	6,277,505	7,425,440	27,658,739	1.79
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		73%	0.904	92%	0.888	1.79			
Pure Premium Indicated by National Relativity		13%	0.862	4%	0.973	1.84			
Pure Premium Present on Rate Level		14%	0.839	4%	0.789	1.63			
Pure Premium Derived by Formula			0.889		0.887	1.78			

CLASS 4301	WALLPAPER MFG								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	930	0	0	0	0	0	0	0	0.00
1/04 through 12/04	203	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,133	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.667	100%	0.391	1.06			
Pure Premium Derived by Formula			0.667		0.391	1.06			

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

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CLASS 4304		NEWSPAPER PUBLISHING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	66,734,513	6	292,423	34	372,032	367,652	557,529	1,589,636	2.38
1/04 through 12/04	55,984,135	10	356,840	30	516,923	323,868	616,032	1,813,663	3.24
1/05 through 12/05	56,507,671	7	359,565	33	343,329	353,098	587,874	1,643,866	2.91
1/06 through 12/06	57,909,305	14	605,679	25	373,094	843,193	754,193	2,576,159	4.45
1/07 through 12/07	37,286,982	5	448,852	24	327,054	883,562	413,948	2,073,416	5.56
5 YR. TOTAL	274,422,606	42	2,063,359	146	1,932,432	2,771,373	2,929,576	9,696,740	3.53
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		45%	1.456	62%	2.077	3.53			
Pure Premium Indicated by National Relativity		27%	1.501	19%	1.988	3.49			
Pure Premium Present on Rate Level		28%	1.449	19%	1.622	3.07			
Pure Premium Derived by Formula		1.466		1.974		3.44			

CLASS 4307		BOOKBINDING							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,060,835	0	0	3	19,801	0	15,058	34,859	0.58
1/04 through 12/04	5,571,311	0	0	1	1,217	0	23,988	25,205	0.45
1/05 through 12/05	4,160,276	0	0	0	0	0	2,098	2,098	0.05
1/06 through 12/06	4,437,088	0	0	2	4,184	0	14,065	18,249	0.41
1/07 through 12/07	5,134,086	0	0	0	0	0	5,557	5,557	0.11
5 YR. TOTAL	25,363,596	0	0	6	25,202	0	60,766	85,968	0.34
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.099	16%	0.240	0.34			
Pure Premium Indicated by National Relativity		44%	0.544	42%	0.698	1.24			
Pure Premium Present on Rate Level		45%	0.472	42%	0.586	1.06			
Pure Premium Derived by Formula		0.463		0.578		1.04			

CLASS 4351		PHOTOENGRAVING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,720,540	0	0	0	0	0	2,391	2,391	0.05
1/04 through 12/04	3,532,319	0	0	0	0	0	1,195	1,195	0.03
1/05 through 12/05	3,965,802	0	0	1	19,453	0	31,795	51,248	1.29
1/06 through 12/06	4,255,463	0	0	0	0	0	3,692	3,692	0.09
1/07 through 12/07	4,108,602	0	0	0	0	0	2,991	2,991	0.07
5 YR. TOTAL	20,582,726	0	0	1	19,453	0	42,064	61,517	0.30
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.095	13%	0.204	0.30			
Pure Premium Indicated by National Relativity		27%	0.357	28%	0.469	0.83			
Pure Premium Present on Rate Level		62%	0.512	59%	0.424	0.94			
Pure Premium Derived by Formula		0.424		0.408		0.83			

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

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CLASS 4352		ENGRAVING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,790,551	0	0	1	1,435	0	11,555	12,990	0.34
1/04 through 12/04	3,899,880	0	0	1	2,923	0	12,759	15,682	0.40
1/05 through 12/05	4,212,564	0	0	1	30,944	0	34,959	65,903	1.57
1/06 through 12/06	4,350,266	0	0	2	5,552	0	20,736	26,288	0.61
1/07 through 12/07	4,943,572	0	0	0	0	0	1,247	1,247	0.03
5 YR. TOTAL	21,196,833	0	0	5	40,854	0	81,256	122,110	0.58
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.193	15%	0.383	0.58			
Pure Premium Indicated by National Relativity		38%	0.451	41%	0.722	1.17			
Pure Premium Present on Rate Level		52%	0.396	44%	0.590	0.99			
Pure Premium Derived by Formula		0.397		0.613		1.01			

CLASS 4360 + +		MOTION PICTURE: DEVELOPMENT OF NEGATIVES, PRINTING AND ALL SUBSEQUENT OPERATIONS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,372,808	1	100,940	2	74,274	77,748	40,390	293,352	6.71
1/04 through 12/04	4,604,884	0	0	1	1,399	0	5,042	6,441	0.14
1/05 through 12/05	2,157,964	1	225,910	1	14,197	76,241	18,151	334,499	15.50
1/06 through 12/06	3,678,546	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,591,512	0	0	0	0	0	3,915	3,915	0.25
5 YR. TOTAL	16,405,714	2	326,850	4	89,870	153,989	67,498	638,207	3.89
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	2.540	13%	1.350	3.89			
Pure Premium Indicated by National Relativity		27%	0.723	28%	0.511	1.23			
Pure Premium Present on Rate Level		62%	0.735	59%	0.578	1.31			
Pure Premium Derived by Formula		0.930		0.660		1.59			

CLASS 4361		PHOTOGRAPHER-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	123,156,228	4	159,888	29	354,352	63,065	475,382	1,052,687	0.86
1/04 through 12/04	90,730,224	10	879,152	18	309,828	605,693	235,463	2,030,136	2.24
1/05 through 12/05	108,155,995	6	168,965	13	52,168	157,556	167,575	546,264	0.51
1/06 through 12/06	85,246,508	9	630,937	8	70,777	721,170	212,827	1,635,711	1.92
1/07 through 12/07	99,615,980	2	84,933	10	197,601	38,834	185,976	507,344	0.51
5 YR. TOTAL	506,904,935	31	1,923,875	78	984,726	1,586,318	1,277,223	5,772,142	1.14
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		42%	0.574	57%	0.565	1.14			
Pure Premium Indicated by National Relativity		29%	0.569	21%	0.749	1.32			
Pure Premium Present on Rate Level		29%	0.604	22%	0.662	1.27			
Pure Premium Derived by Formula		0.581		0.625		1.21			

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

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CLASS 4362 ++		MOTION PICTURE: FILM EXCHANGE & PROJECTION ROOMS, CLERICAL							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	125,314	0	0	0	0	0	0	0	0.00
1/04 through 12/04	786	0	0	0	0	0	0	0	0.00
1/05 through 12/05	92,600	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	218,700	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	2%	0.000	0.00			
Pure Premium Indicated by National Relativity		8%	0.052	8%	0.064	0.12			
Pure Premium Present on Rate Level		90%	0.568	90%	0.649	1.22			
Pure Premium Derived by Formula		0.515		0.589		1.10			

CLASS 4410		RUBBER GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	162,888,005	16	1,211,813	75	1,248,309	704,252	1,638,531	4,802,905	2.95
1/04 through 12/04	184,183,183	17	1,061,035	72	1,116,510	371,975	1,436,584	3,986,104	2.16
1/05 through 12/05	181,961,541	23	2,153,918	67	1,954,837	1,896,644	2,161,400	8,166,799	4.49
1/06 through 12/06	164,047,606	20	1,109,208	58	1,179,358	1,336,563	1,362,223	4,987,352	3.04
1/07 through 12/07	145,727,143	9	720,289	46	1,521,294	407,352	1,188,288	3,837,223	2.63
5 YR. TOTAL	838,807,478	85	6,256,263	318	7,020,308	4,716,786	7,787,026	25,780,383	3.07
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		73%	1.583	99%	1.491	3.07			
Pure Premium Indicated by National Relativity		13%	1.206	0%	1.433	2.64			
Pure Premium Present on Rate Level		14%	1.569	1%	1.736	3.31			
Pure Premium Derived by Formula		1.532		1.493		3.03			

CLASS 4417		BOOT OR SHOE MFG-RUBBER							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		23%	0.907	24%	0.966	1.87			
Pure Premium Present on Rate Level		77%	1.308	76%	1.052	2.36			
Pure Premium Derived by Formula		1.216		1.031		2.25			

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

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CLASS 4420		RUBBER TIRE MFG							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	213,445,431	18	3,262,725	69	2,863,792	2,467,697	1,780,155	10,374,369	4.86
1/04 through 12/04	283,869,605	33	5,163,729	99	5,734,836	2,882,615	3,745,000	17,526,180	6.17
1/05 through 12/05	294,865,268	36	5,721,628	96	5,846,380	3,927,315	4,112,560	19,607,883	6.65
1/06 through 12/06	269,762,649	34	7,818,089	98	6,114,942	5,297,583	4,219,667	23,450,281	8.69
1/07 through 12/07	291,445,068	32	5,952,392	122	5,118,753	3,837,650	4,617,168	19,525,963	6.70
5 YR. TOTAL	1,353,388,021	153	27,918,563	484	25,678,703	18,412,860	18,474,550	90,484,676	6.69
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	3.960	100%	2.726	6.69			
Pure Premium Indicated by National Relativity		0%	1.894	0%	1.490	3.38			
Pure Premium Present on Rate Level		0%	3.991	0%	2.581	6.57			
Pure Premium Derived by Formula		3.960		2.726		6.69			

CLASS 4431		MAGNETIC AND OPTICAL RECORDING MEDIA MFG.							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	20,066,800	2	339,291	11	189,895	292,643	201,841	1,023,670	5.10
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	14,183	0	0	0	0	0	0	0	0.00
1/06 through 12/06	805,400	0	0	0	0	0	0	0	0.00
1/07 through 12/07	31,527,779	0	0	8	178,593	0	178,588	357,181	1.13
5 YR. TOTAL	52,414,162	2	339,291	19	368,488	292,643	380,429	1,380,851	2.63
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	1.350	24%	1.284	2.63			
Pure Premium Indicated by National Relativity		39%	0.670	38%	0.703	1.37			
Pure Premium Present on Rate Level		44%	0.676	38%	0.779	1.46			
Pure Premium Derived by Formula		0.788		0.871		1.66			

CLASS 4432		PEN MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,828,668	0	0	0	0	0	5,433	5,433	0.14
1/04 through 12/04	164,292	0	0	0	0	0	0	0	0.00
1/05 through 12/05	70,295	0	0	0	0	0	0	0	0.00
1/06 through 12/06	61,097	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	4,124,352	0	0	0	0	0	5,433	5,433	0.13
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.000	8%	0.132	0.13			
Pure Premium Indicated by National Relativity		42%	0.651	45%	0.813	1.46			
Pure Premium Present on Rate Level		53%	0.454	47%	0.633	1.09			
Pure Premium Derived by Formula		0.514		0.674		1.19			

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

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CLASS 4439 ++		LACQUER OR VARNISH MANUFACTURING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	257,028	0	0	0	0	0	0	0	0.00
1/04 through 12/04	115,158	0	0	0	0	0	0	0	0.00
1/05 through 12/05	95,000	0	0	0	0	0	0	0	0.00
1/06 through 12/06	284,555	0	0	0	0	0	3,308	3,308	1.16
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	751,741	0	0	0	0	0	3,308	3,308	0.44
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	4%	0.440	0.44			
Pure Premium Indicated by National Relativity		18%	0.515	19%	0.629	1.14			
Pure Premium Present on Rate Level		79%	0.794	77%	0.590	1.38			
Pure Premium Derived by Formula		0.720		0.591		1.31			

CLASS 4452		PLASTICS MFG: FABRICATED PRODUCTS NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	75,089,775	6	481,642	23	280,137	441,587	399,721	1,603,087	2.13
1/04 through 12/04	82,224,105	3	318,124	23	268,198	300,933	401,201	1,288,456	1.57
1/05 through 12/05	87,334,753	7	849,954	35	772,408	912,964	1,069,874	3,605,200	4.13
1/06 through 12/06	89,952,874	6	694,704	57	1,195,044	455,665	1,443,352	3,788,765	4.21
1/07 through 12/07	110,686,786	9	557,858	36	530,748	655,938	782,055	2,526,599	2.28
5 YR. TOTAL	445,288,293	31	2,902,282	174	3,046,535	2,767,087	4,096,203	12,812,107	2.88
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		54%	1.336	74%	1.541	2.88			
Pure Premium Indicated by National Relativity		23%	1.178	13%	1.401	2.58			
Pure Premium Present on Rate Level		23%	1.373	13%	1.566	2.94			
Pure Premium Derived by Formula		1.308		1.526		2.83			

CLASS 4459		PLASTICS MFG: SHEETS, RODS, OR TUBES							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	125,728,798	13	1,223,598	30	575,027	1,320,069	992,689	4,111,383	3.27
1/04 through 12/04	138,702,782	22	885,511	50	699,634	878,028	696,481	3,159,654	2.28
1/05 through 12/05	145,436,086	5	248,210	39	749,927	398,258	830,359	2,226,754	1.53
1/06 through 12/06	164,142,065	13	858,832	40	800,466	796,901	918,729	3,374,928	2.06
1/07 through 12/07	147,172,870	7	187,804	44	948,580	207,022	1,612,145	2,955,551	2.01
5 YR. TOTAL	721,182,601	60	3,403,955	203	3,773,634	3,600,278	5,050,403	15,828,270	2.20
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		60%	0.995	80%	1.200	2.20			
Pure Premium Indicated by National Relativity		20%	1.037	10%	1.209	2.25			
Pure Premium Present on Rate Level		20%	1.128	10%	1.180	2.31			
Pure Premium Derived by Formula		1.030		1.199		2.23			

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

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CLASS 4470		CABLE MFG-INSULATED ELECTRICAL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	121,198,342	5	231,719	19	200,015	627,884	571,583	1,631,201	1.35
1/04 through 12/04	117,213,632	10	1,006,571	28	960,302	1,371,886	782,120	4,120,879	3.52
1/05 through 12/05	145,262,349	8	449,190	30	494,197	463,864	641,773	2,049,024	1.41
1/06 through 12/06	145,602,127	7	935,478	18	386,040	980,550	545,575	2,847,643	1.96
1/07 through 12/07	156,635,589	4	175,146	20	203,275	136,461	474,440	989,322	0.63
5 YR. TOTAL	685,912,039	34	2,798,104	115	2,243,829	3,580,645	3,015,491	11,638,069	1.70
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		52%	0.735	71%	0.962	1.70			
Pure Premium Indicated by National Relativity		24%	0.957	14%	1.132	2.09			
Pure Premium Present on Rate Level		24%	0.830	15%	0.929	1.76			
Pure Premium Derived by Formula		0.811		0.981		1.79			

CLASS 4484		PLASTICS MANUFACTURING: MOLDED PRODUCTS NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	417,231,100	35	2,133,191	143	2,385,487	1,760,927	2,848,022	9,127,627	2.19
1/04 through 12/04	402,488,867	45	2,364,143	135	2,241,444	3,014,715	3,154,979	10,775,281	2.68
1/05 through 12/05	439,031,323	43	3,199,752	143	2,387,874	3,400,151	3,187,778	12,175,555	2.77
1/06 through 12/06	427,947,635	29	2,043,510	150	3,043,965	2,200,206	3,881,109	11,168,790	2.61
1/07 through 12/07	456,059,310	16	1,004,222	119	2,435,653	1,645,421	3,182,493	8,267,789	1.81
5 YR. TOTAL	2,142,758,235	168	10,744,818	690	12,494,423	12,021,420	16,254,381	51,515,042	2.41
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		92%	1.085	100%	1.320	2.41			
Pure Premium Indicated by National Relativity		4%	1.054	0%	1.348	2.40			
Pure Premium Present on Rate Level		4%	1.100	0%	1.310	2.41			
Pure Premium Derived by Formula		1.084		1.320		2.40			

CLASS 4493		FABRIC COATING OR IMPREGNATING NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	23,198,200	4	169,831	9	314,460	116,547	497,047	1,097,885	4.73
1/04 through 12/04	16,347,442	0	0	7	333,789	0	333,629	667,418	4.08
1/05 through 12/05	19,342,130	0	0	7	461,553	0	276,597	738,150	3.82
1/06 through 12/06	8,307,359	0	0	6	235,091	0	198,039	433,130	5.21
1/07 through 12/07	3,529,082	0	0	2	7,186	0	11,664	18,850	0.54
5 YR. TOTAL	70,724,213	4	169,831	31	1,352,079	116,547	1,316,976	2,955,433	4.18
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	2.152	37%	2.027	4.18			
Pure Premium Indicated by National Relativity		36%	0.967	31%	1.062	2.03			
Pure Premium Present on Rate Level		36%	1.678	32%	1.749	3.43			
Pure Premium Derived by Formula		1.555		1.639		3.19			

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

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CLASS 4511		ANALYTICAL LABORATORIES OR ASSAYING - INCLUDING LABORATORY, OUTSIDE EMPLOYEES, COLLECTORS OF SAMPLES, & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	369,873,188	8	228,391	17	194,533	343,109	355,311	1,121,344	0.30
1/04 through 12/04	358,919,220	10	482,303	9	498,439	401,698	571,505	1,953,945	0.54
1/05 through 12/05	349,376,527	6	223,819	7	47,811	220,711	260,952	753,293	0.22
1/06 through 12/06	360,430,688	6	654,776	7	159,019	1,020,128	233,748	2,067,671	0.57
1/07 through 12/07	389,035,636	7	75,714	19	385,304	118,910	449,645	1,029,573	0.27
5 YR. TOTAL	1,827,635,259	37	1,665,003	59	1,285,106	2,104,556	1,871,161	6,925,826	0.38
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		46%	0.161	63%	0.218			0.38	
Pure Premium Indicated by National Relativity		27%	0.305	18%	0.351			0.66	
Pure Premium Present on Rate Level		27%	0.232	19%	0.259			0.49	
Pure Premium Derived by Formula		0.219		0.250				0.47	

CLASS 4557		INK MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	40,441,821	1	4,381	12	106,391	6,072	222,649	339,493	0.84
1/04 through 12/04	37,881,663	4	250,573	7	20,641	178,331	84,692	534,237	1.41
1/05 through 12/05	42,768,442	2	139,777	12	277,920	155,279	131,697	704,673	1.65
1/06 through 12/06	49,418,197	2	132,827	12	271,102	102,849	282,126	788,904	1.60
1/07 through 12/07	44,321,071	4	174,900	12	336,115	154,074	505,839	1,170,928	2.64
5 YR. TOTAL	214,831,194	13	702,458	55	1,012,169	596,605	1,227,003	3,538,235	1.65
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		31%	0.798	42%	0.849			1.65	
Pure Premium Indicated by National Relativity		34%	0.761	29%	0.896			1.66	
Pure Premium Present on Rate Level		35%	0.745	29%	0.811			1.56	
Pure Premium Derived by Formula		0.767		0.852				1.62	

CLASS 4558		PAINT MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	45,839,065	8	1,164,352	8	48,809	808,237	126,015	2,147,413	4.69
1/04 through 12/04	46,297,726	3	240,878	9	34,567	175,550	79,429	530,424	1.15
1/05 through 12/05	47,976,231	2	228,372	6	323,280	162,392	226,043	940,087	1.96
1/06 through 12/06	39,732,549	1	28,519	9	84,699	39,480	144,659	297,357	0.75
1/07 through 12/07	37,509,011	0	0	7	177,132	0	209,811	386,943	1.03
5 YR. TOTAL	217,354,582	14	1,662,121	39	668,487	1,185,659	785,957	4,302,224	1.98
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		33%	1.072	44%	0.907			1.98	
Pure Premium Indicated by National Relativity		33%	0.809	28%	1.003			1.81	
Pure Premium Present on Rate Level		34%	0.863	28%	0.886			1.75	
Pure Premium Derived by Formula		0.914		0.928				1.84	

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

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CLASS 4561 ++		VARNISH MFG-OLEO-RESINOUS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	424,950	0	0	0	0	0	0	0	0.00
1/04 through 12/04	15,261	0	0	0	0	0	0	0	0.00
1/05 through 12/05	35,332	0	0	0	0	0	0	0	0.00
1/06 through 12/06	46,575	0	0	0	0	0	0	0	0.00
1/07 through 12/07	12,777	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	534,895	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	3%	0.000	0.00			
Pure Premium Indicated by National Relativity		18%	0.799	19%	0.868	1.67			
Pure Premium Present on Rate Level		79%	1.193	78%	0.496	1.69			
Pure Premium Derived by Formula		1.086		0.552		1.64			

CLASS 4568		SALT BORAX OR POTASH PRODUCING OR REFINING & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	897,760	0	0	0	0	0	0	0	0.00
1/04 through 12/04	387,356	0	0	0	0	0	0	0	0.00
1/05 through 12/05	384,766	0	0	0	0	0	0	0	0.00
1/06 through 12/06	415,244	0	0	0	0	0	0	0	0.00
1/07 through 12/07	352,770	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,437,896	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.000	7%	0.000	0.00			
Pure Premium Indicated by National Relativity		36%	1.367	39%	1.241	2.61			
Pure Premium Present on Rate Level		58%	1.100	54%	0.915	2.02			
Pure Premium Derived by Formula		1.130		0.978		2.11			

CLASS 4581		PHOSPHATE WORKS & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	48,124,482	2	328,178	3	360,128	496,481	151,518	1,336,305	2.78
1/04 through 12/04	48,789,321	7	116,313	6	180,522	98,055	87,768	482,658	0.99
1/05 through 12/05	49,570,986	6	467,730	5	263,849	158,837	157,458	1,047,874	2.11
1/06 through 12/06	50,113,063	2	333,098	5	239,592	813,276	223,401	1,609,367	3.21
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	196,597,852	17	1,245,319	19	1,044,091	1,566,649	620,145	4,476,204	2.28
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	1.165	36%	1.112	2.28			
Pure Premium Indicated by National Relativity		36%	0.683	32%	0.740	1.42			
Pure Premium Present on Rate Level		36%	0.595	32%	0.585	1.18			
Pure Premium Derived by Formula		0.786		0.824		1.61			

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

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CLASS 4583		FERTILIZER MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	13,686,175	1	8,826	8	137,425	2,042	427,344	575,637	4.21
1/04 through 12/04	12,860,162	0	0	8	228,466	0	196,779	425,245	3.31
1/05 through 12/05	18,276,109	2	696,837	6	80,883	1,015,726	120,443	1,913,889	10.47
1/06 through 12/06	14,601,644	2	892,542	5	335,561	488,278	209,146	1,925,527	13.19
1/07 through 12/07	12,318,516	1	198,649	10	274,071	80,191	304,458	857,369	6.96
5 YR. TOTAL	71,742,606	6	1,796,854	37	1,056,406	1,586,237	1,258,170	5,697,667	7.94
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		33%	3.977		44%	3.965		7.94	
Pure Premium Indicated by National Relativity		33%	1.553		28%	1.865		3.42	
Pure Premium Present on Rate Level		34%	2.541		28%	2.655		5.20	
Pure Premium Derived by Formula		2.689			3.010			5.70	

CLASS 4611		DRUG, MEDICINE OR PHARMACEUTICAL PREPARATION, COMPOUNDING, OR BLENDING-NO MFG OF INGREDIENTS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	510,142,864	8	792,430	42	635,932	809,657	651,941	2,889,960	0.57
1/04 through 12/04	272,716,977	11	587,924	33	287,152	533,458	402,968	1,811,502	0.66
1/05 through 12/05	565,393,797	20	1,448,612	29	854,178	1,039,504	589,167	3,931,461	0.70
1/06 through 12/06	600,017,870	10	499,545	37	832,610	400,229	671,817	2,404,201	0.40
1/07 through 12/07	640,762,399	14	691,321	34	721,335	600,911	1,047,504	3,061,071	0.48
5 YR. TOTAL	2,589,033,907	63	4,019,832	175	3,331,207	3,383,759	3,363,397	14,098,195	0.55
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		59%	0.284		78%	0.261		0.55	
Pure Premium Indicated by National Relativity		20%	0.444		11%	0.548		0.99	
Pure Premium Present on Rate Level		21%	0.296		11%	0.305		0.60	
Pure Premium Derived by Formula		0.319			0.297			0.62	

CLASS 4635		OXYGEN OR HYDROGEN MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	17,084,917	1	11,395	4	108,572	2,941	273,217	396,125	2.32
1/04 through 12/04	18,531,141	2	12,264	1	13,993	53,897	43,407	123,561	0.67
1/05 through 12/05	25,868,543	4	277,634	5	115,357	332,460	123,785	849,236	3.28
1/06 through 12/06	27,237,453	1	21,294	11	380,814	41,176	377,220	820,504	3.01
1/07 through 12/07	33,704,183	4	457,080	5	219,141	264,072	112,933	1,053,226	3.13
5 YR. TOTAL	122,426,237	12	779,667	26	837,877	694,546	930,562	3,242,652	2.65
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		29%	1.321		38%	1.327		2.65	
Pure Premium Indicated by National Relativity		35%	1.100		31%	1.233		2.33	
Pure Premium Present on Rate Level		36%	1.064		31%	1.052		2.12	
Pure Premium Derived by Formula		1.151			1.213			2.36	

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

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CLASS 4653		GLUE MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,764,506	1	16,620	1	9,317	96,206	7,727	129,870	4.70
1/04 through 12/04	3,359,071	1	46,043	0	0	7,647	5,163	58,853	1.75
1/05 through 12/05	3,655,617	0	0	2	64,517	0	63,300	127,817	3.50
1/06 through 12/06	4,578,583	0	0	2	145,874	0	45,465	191,339	4.18
1/07 through 12/07	4,521,077	1	18,272	5	76,125	18,224	57,576	170,197	3.77
5 YR. TOTAL	18,878,854	3	80,935	10	295,833	122,077	179,231	678,076	3.59
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	1.996	17%	1.596	3.59			
Pure Premium Indicated by National Relativity		30%	0.835	31%	0.875	1.71			
Pure Premium Present on Rate Level		56%	1.185	52%	0.900	2.09			
Pure Premium Derived by Formula		1.194		1.011		2.21			

CLASS 4665		RENDERING WORKS NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,970,119	4	807,845	9	518,343	409,022	253,982	1,989,192	10.49
1/04 through 12/04	19,845,891	3	584,176	10	191,087	541,851	434,313	1,751,427	8.83
1/05 through 12/05	18,570,946	2	336,330	11	161,117	143,602	391,967	1,033,016	5.56
1/06 through 12/06	19,687,804	2	300,425	8	1,048,809	198,973	346,029	1,894,236	9.62
1/07 through 12/07	23,370,507	7	333,693	4	226,426	613,030	451,912	1,625,061	6.95
5 YR. TOTAL	100,445,267	18	2,362,469	42	2,145,782	1,906,478	1,878,203	8,292,932	8.26
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		48%	4.488	57%	3.768	8.26			
Pure Premium Indicated by National Relativity		26%	3.114	21%	2.959	6.07			
Pure Premium Present on Rate Level		26%	4.500	22%	3.658	8.16			
Pure Premium Derived by Formula		4.134		3.574		7.71			

CLASS 4670		COTTONSEED OIL MFG-MECHANICAL & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	161,003	0	0	0	0	0	0	0	0.00
1/04 through 12/04	125,236	0	0	0	0	0	0	0	0.00
1/05 through 12/05	159,318	0	0	0	0	0	0	0	0.00
1/06 through 12/06	147,735	0	0	0	0	0	0	0	0.00
1/07 through 12/07	75,885	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	669,177	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.000	6%	0.000	0.00			
Pure Premium Indicated by National Relativity		18%	2.308	19%	2.078	4.39			
Pure Premium Present on Rate Level		77%	2.036	75%	1.596	3.63			
Pure Premium Derived by Formula		1.983		1.592		3.58			

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

NORTH CAROLINA

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CLASS 4683		OIL MFG-VEGETABLE-NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	341,374	0	0	1	17,282	0	0	17,282	5.06
1/04 through 12/04	2,321,688	0	0	0	0	0	1,649	1,649	0.07
1/05 through 12/05	2,543,852	0	0	0	0	0	0	0	0.00
1/06 through 12/06	3,602,268	0	0	0	0	0	0	0	0.00
1/07 through 12/07	3,417,898	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	12,227,080	0	0	1	17,282	0	1,649	18,931	0.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.141	14%	0.013	0.15			
Pure Premium Indicated by National Relativity		39%	0.970	41%	1.152	2.12			
Pure Premium Present on Rate Level		50%	1.059	45%	0.965	2.02			
Pure Premium Derived by Formula		0.923		0.908		1.83			

CLASS 4686		OIL MFG - VEGETABLE - SOLVENT EXTRACTION PROCESS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,091,141	2	130,897	2	29,778	131,552	16,673	308,900	3.40
1/04 through 12/04	10,407,541	0	0	4	140,926	0	75,617	216,543	2.08
1/05 through 12/05	10,477,723	0	0	0	0	0	0	0	0.00
1/06 through 12/06	10,841,062	0	0	1	548	0	19,338	19,886	0.18
1/07 through 12/07	10,915,608	1	17,939	2	72,778	12,760	26,510	129,987	1.19
5 YR. TOTAL	51,733,075	3	148,836	9	244,030	144,312	138,138	675,316	1.31
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	0.759	23%	0.546	1.31			
Pure Premium Indicated by National Relativity		32%	0.768	34%	1.069	1.84			
Pure Premium Present on Rate Level		50%	0.774	43%	0.761	1.54			
Pure Premium Derived by Formula		0.769		0.816		1.59			

CLASS 4692		DENTAL LABORATORY							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	22,112,969	2	101,379	2	9,574	40,649	4,782	156,384	0.71
1/04 through 12/04	22,728,661	0	0	2	273,206	0	87,773	360,979	1.59
1/05 through 12/05	23,314,476	0	0	2	4,379	0	14,923	19,302	0.08
1/06 through 12/06	24,585,896	0	0	1	5,937	0	4,042	9,979	0.04
1/07 through 12/07	25,190,442	0	0	1	5,350	0	9,959	15,309	0.06
5 YR. TOTAL	117,932,444	2	101,379	8	298,446	40,649	121,479	561,953	0.48
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.339	20%	0.137	0.48			
Pure Premium Indicated by National Relativity		41%	0.221	40%	0.270	0.49			
Pure Premium Present on Rate Level		42%	0.307	40%	0.232	0.54			
Pure Premium Derived by Formula		0.277		0.228		0.51			

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

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EFFECTIVE 4/1/2011

CLASS 4693		PHARMACEUTICAL OR SURGICAL GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	127,044,465	8	379,427	9	370,673	429,656	379,994	1,559,750	1.23
1/04 through 12/04	82,632,125	3	35,090	12	196,541	66,022	243,594	541,247	0.66
1/05 through 12/05	79,626,021	2	34,386	12	108,973	33,255	151,008	327,622	0.41
1/06 through 12/06	68,778,013	2	55,633	5	123,686	28,594	183,852	391,765	0.57
1/07 through 12/07	90,840,596	1	102,583	10	132,742	127,208	208,166	570,699	0.63
5 YR. TOTAL	448,921,220	16	607,119	48	932,615	684,735	1,166,614	3,391,083	0.76
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	0.343	44%	0.412	0.76			
Pure Premium Indicated by National Relativity		33%	0.353	28%	0.436	0.79			
Pure Premium Present on Rate Level		34%	0.412	28%	0.432	0.84			
Pure Premium Derived by Formula		0.370		0.424		0.79			

CLASS 4703		CORN PRODUCTS MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,661,046	0	0	0	0	0	1,955	1,955	0.05
1/04 through 12/04	4,258,235	0	0	0	0	0	1,331	1,331	0.03
1/05 through 12/05	4,424,290	0	0	0	0	0	2,264	2,264	0.05
1/06 through 12/06	5,029,793	0	0	0	0	0	6,622	6,622	0.13
1/07 through 12/07	5,230,164	0	0	0	0	0	12,072	12,072	0.23
5 YR. TOTAL	22,603,528	0	0	0	0	0	24,244	24,244	0.11
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.000	17%	0.107	0.11			
Pure Premium Indicated by National Relativity		42%	0.855	41%	0.745	1.60			
Pure Premium Present on Rate Level		43%	1.156	42%	0.798	1.95			
Pure Premium Derived by Formula		0.856		0.659		1.52			

CLASS 4717		BUTTER SUBSTITUTE MFG							
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		22%	0.741	23%	0.905	1.65			
Pure Premium Present on Rate Level		78%	1.041	77%	0.820	1.86			
Pure Premium Derived by Formula		0.975		0.840		1.82			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 4720		SOAP OR SYNTHETIC DETERGENT MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	33,842,161	5	116,349	6	209,742	46,981	175,902	548,974	1.62
1/04 through 12/04	28,500,352	0	0	6	35,029	0	50,595	85,624	0.30
1/05 through 12/05	26,542,829	0	0	3	23,815	0	37,005	60,820	0.23
1/06 through 12/06	25,117,784	1	2,233	3	30,289	2,626	29,625	64,773	0.26
1/07 through 12/07	30,779,744	0	0	5	60,130	0	78,600	138,730	0.45
5 YR. TOTAL	144,782,870	6	118,582	23	359,005	49,607	371,727	898,921	0.62
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	0.330	32%	0.291	0.62			
Pure Premium Indicated by National Relativity		37%	0.701	34%	0.861	1.56			
Pure Premium Present on Rate Level		38%	0.621	34%	0.610	1.23			
Pure Premium Derived by Formula		0.578		0.593		1.17			

CLASS 4740		OIL REFINING-PETROLEUM-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,534,483	0	0	2	38,524	0	33,930	72,454	2.05
1/04 through 12/04	3,964,563	2	41,506	0	0	26,482	6,730	74,718	1.89
1/05 through 12/05	5,018,711	1	138,702	2	3,915	767,017	4,777	914,411	18.22
1/06 through 12/06	5,238,812	0	0	0	0	0	2,212	2,212	0.04
1/07 through 12/07	5,848,717	0	0	1	14,395	0	15,338	29,733	0.51
5 YR. TOTAL	23,605,286	3	180,208	5	56,834	793,499	62,987	1,093,528	4.63
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	1.004	24%	3.628	4.63			
Pure Premium Indicated by National Relativity		42%	0.471	38%	0.457	0.93			
Pure Premium Present on Rate Level		43%	1.134	38%	1.844	2.98			
Pure Premium Derived by Formula		0.836		1.745		2.58			

CLASS 4741		ASPALT OR TAR DISTILLING OR REFINING & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	15,238,348	0	0	0	0	0	2,308	2,308	0.02
1/04 through 12/04	7,853,811	0	0	1	3,306	0	14,075	17,381	0.22
1/05 through 12/05	18,187,912	1	80,774	1	11,477	42,042	30,747	165,040	0.91
1/06 through 12/06	7,767,147	1	5,810	2	12,577	0	20,159	38,546	0.50
1/07 through 12/07	17,314,131	0	0	1	4,312	0	1,840	6,152	0.04
5 YR. TOTAL	66,361,349	2	86,584	5	31,672	42,042	69,129	229,427	0.35
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.178	27%	0.168	0.35			
Pure Premium Indicated by National Relativity		39%	0.832	36%	1.068	1.90			
Pure Premium Present on Rate Level		40%	0.879	37%	0.880	1.76			
Pure Premium Derived by Formula		0.713		0.755		1.47			

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

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CLASS 4751		SYNTHETIC RUBBER MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	26,197,866	5	128,969	17	185,065	282,429	308,311	904,774	3.45
1/04 through 12/04	25,826,472	1	8,494	10	220,115	18,035	419,792	666,436	2.58
1/05 through 12/05	25,393,481	1	8,250	15	346,313	31,094	573,299	958,956	3.78
1/06 through 12/06	10,846,840	0	0	6	172,487	0	263,640	436,127	4.02
1/07 through 12/07	30,055,053	3	50,431	15	608,769	78,276	1,012,037	1,749,513	5.82
5 YR. TOTAL	118,319,712	10	196,144	63	1,532,749	409,834	2,577,079	4,715,806	3.99
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		30%	1.461	45%	2.524	3.99			
Pure Premium Indicated by National Relativity		30%	0.618	27%	0.991	1.61			
Pure Premium Present on Rate Level		40%	1.170	28%	1.677	2.85			
Pure Premium Derived by Formula		1.092		1.873		2.97			

CLASS 4771		EXPLOSIVES OR AMMUNITION MFG: NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	473,947	0	0	0	0	0	0	0	0.00
1/04 through 12/04	1,239,010	0	0	0	0	0	0	0	0.00
1/05 through 12/05	100,000	0	0	0	0	0	0	0	0.00
1/06 through 12/06	55,613	0	0	0	0	0	0	0	0.00
1/07 through 12/07	396,035	0	0	0	0	0	3,068	3,068	0.78
5 YR. TOTAL	2,264,605	0	0	0	0	0	3,068	3,068	0.14
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.000	8%	0.135	0.14			
Pure Premium Indicated by National Relativity		47%	0.963	46%	1.272	2.24			
Pure Premium Present on Rate Level		47%	1.004	46%	1.365	2.37			
Pure Premium Derived by Formula		0.924		1.224		2.15			

CLASS 4777		EXPLOSIVES DISTRIBUTORS & DRIVERS							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	878,312	0	0	2	2,691	0	7,038	9,729	1.11
1/04 through 12/04	1,472,648	0	0	2	36,477	0	31,025	67,502	4.58
1/05 through 12/05	779,280	0	0	0	0	0	1,166	1,166	0.15
1/06 through 12/06	1,438,022	1	222,368	1	2,573	318,595	7,372	550,908	38.31
1/07 through 12/07	2,005,599	1	65,824	2	10,615	127,524	15,079	219,042	10.92
5 YR. TOTAL	6,573,861	2	288,192	7	52,356	446,119	61,680	848,347	12.90
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	5.180	16%	7.724	12.90			
Pure Premium Indicated by National Relativity		37%	1.883	39%	2.155	4.04			
Pure Premium Present on Rate Level		49%	3.099	45%	2.455	5.55			
Pure Premium Derived by Formula		2.940		3.181		6.12			

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

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EFFECTIVE 4/1/2011

CLASS 4825		DRUG, MEDICINE OR PHARMACEUTICAL PREPARATION MFG & INCLUDES MFG OF INGREDIENTS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	83,020,137	2	131,183	12	154,622	134,606	221,995	642,406	0.77
1/04 through 12/04	89,032,796	6	559,773	17	534,424	298,829	479,417	1,872,443	2.10
1/05 through 12/05	133,815,842	10	816,507	13	402,507	588,617	307,940	2,115,571	1.58
1/06 through 12/06	159,621,388	3	66,556	21	613,649	101,583	509,416	1,291,204	0.81
1/07 through 12/07	179,803,754	4	365,001	13	193,470	277,011	347,100	1,182,582	0.66
5 YR. TOTAL	645,293,917	25	1,939,020	76	1,898,672	1,400,646	1,865,868	7,104,206	1.10
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		44%	0.595	54%	0.506			1.10	
Pure Premium Indicated by National Relativity		28%	0.312	23%	0.381			0.69	
Pure Premium Present on Rate Level		28%	0.564	23%	0.484			1.05	
Pure Premium Derived by Formula		0.507		0.472				0.98	

CLASS 4828		CHEMICAL BLENDING AND MIXING NOC-ALL OPERATIONS & DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	49,543,235	4	293,296	11	105,849	552,682	130,729	1,082,556	2.19
1/04 through 12/04	61,932,268	3	398,636	11	391,065	458,350	172,651	1,420,702	2.29
1/05 through 12/05	51,761,061	6	587,416	12	475,880	263,261	679,633	2,006,190	3.88
1/06 through 12/06	42,010,881	2	95,456	5	181,142	124,784	213,887	615,269	1.46
1/07 through 12/07	68,810,470	2	29,463	8	99,865	50,122	148,097	327,547	0.48
5 YR. TOTAL	274,057,915	17	1,404,267	47	1,253,801	1,449,199	1,344,997	5,452,264	1.99
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		38%	0.970	46%	1.020			1.99	
Pure Premium Indicated by National Relativity		31%	0.686	27%	0.801			1.49	
Pure Premium Present on Rate Level		31%	0.933	27%	0.786			1.72	
Pure Premium Derived by Formula		0.870		0.898				1.77	

CLASS 4829		CHEMICAL MANUFACTURING NOC-ALL OPERATIONS & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	140,815,936	9	989,609	15	400,311	351,773	555,403	2,297,096	1.63
1/04 through 12/04	136,676,617	3	147,746	16	200,065	92,122	309,954	749,887	0.55
1/05 through 12/05	142,598,477	16	1,648,731	21	822,178	1,666,774	543,744	4,681,427	3.28
1/06 through 12/06	134,075,162	7	386,818	12	404,538	246,451	458,518	1,496,325	1.12
1/07 through 12/07	145,100,647	14	2,020,068	20	959,902	1,264,802	840,508	5,085,280	3.51
5 YR. TOTAL	699,266,839	49	5,192,972	84	2,786,994	3,621,922	2,708,127	14,310,015	2.05
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		51%	1.141	61%	0.905			2.05	
Pure Premium Indicated by National Relativity		24%	0.513	19%	0.537			1.05	
Pure Premium Present on Rate Level		25%	0.779	20%	0.615			1.39	
Pure Premium Derived by Formula		0.900		0.777				1.68	

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

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CLASS 4902		SPORTING GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,779,773	0	0	3	42,545	0	67,877	110,422	6.20
1/04 through 12/04	3,176,322	0	0	0	0	0	1,971	1,971	0.06
1/05 through 12/05	2,439,499	0	0	0	0	0	2,604	2,604	0.11
1/06 through 12/06	2,287,040	2	73,397	0	0	41,783	24,629	139,809	6.11
1/07 through 12/07	2,718,513	0	0	1	1,156	0	2,839	3,995	0.15
5 YR. TOTAL	12,401,147	2	73,397	4	43,701	41,783	99,920	258,801	2.09
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.944	16%	1.143	2.09			
Pure Premium Indicated by National Relativity		44%	0.943	42%	1.056	2.00			
Pure Premium Present on Rate Level		45%	0.979	42%	1.156	2.14			
Pure Premium Derived by Formula		0.959		1.112		2.07			

CLASS 4923		PHOTOGRAPHIC SUPPLIES MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	41,772,834	0	0	5	65,752	0	53,273	119,025	0.29
1/04 through 12/04	23,821,310	1	39,142	8	293,103	71,466	106,750	510,461	2.14
1/05 through 12/05	39,459,113	1	27,319	2	51,704	2,646	31,042	112,711	0.29
1/06 through 12/06	31,504,626	1	464	4	40,227	18,888	69,196	128,775	0.41
1/07 through 12/07	9,205,289	1	51,385	3	53,819	36,148	65,787	207,139	2.25
5 YR. TOTAL	145,763,172	4	118,310	22	504,605	129,148	326,048	1,078,111	0.74
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.427	31%	0.312	0.74			
Pure Premium Indicated by National Relativity		38%	0.385	34%	0.567	0.95			
Pure Premium Present on Rate Level		39%	0.507	35%	0.530	1.04			
Pure Premium Derived by Formula		0.442		0.475		0.92			

CLASS 5020		CEILING INSTALLATION-SUSPENDED ACOUSTICAL GRID TYPE							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	10,690,728	1	20,849	8	69,753	29,124	97,420	217,146	2.03
1/04 through 12/04	10,490,868	5	486,579	11	245,019	1,020,424	265,724	2,017,746	19.23
1/05 through 12/05	11,896,862	1	201,982	7	31,384	194,236	61,095	488,697	4.11
1/06 through 12/06	10,639,330	2	906,387	3	85,466	773,186	107,788	1,872,827	17.60
1/07 through 12/07	11,399,862	1	7,354	8	438,868	0	322,725	768,947	6.75
5 YR. TOTAL	55,117,650	10	1,623,151	37	870,490	2,016,970	854,752	5,365,363	9.73
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	4.524	48%	5.210	9.73			
Pure Premium Indicated by National Relativity		32%	2.880	26%	2.734	5.61			
Pure Premium Present on Rate Level		32%	4.022	26%	4.273	8.30			
Pure Premium Derived by Formula		3.837		4.323		8.16			

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

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CLASS 5022		MASONRY NOC							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	252,226,523	34	3,386,412	127	3,097,479	4,712,642	3,541,102	14,737,635	5.84
1/04 through 12/04	274,176,124	37	3,200,566	144	2,747,182	3,896,749	3,697,580	13,542,077	4.94
1/05 through 12/05	303,747,119	35	2,762,326	136	3,849,633	3,837,803	4,376,845	14,826,607	4.88
1/06 through 12/06	329,587,279	40	2,982,333	131	3,321,969	3,910,757	4,038,831	14,253,890	4.33
1/07 through 12/07	319,237,573	39	4,724,009	155	5,462,121	5,883,200	5,581,239	21,650,569	6.78
5 YR. TOTAL	1,478,974,618	185	17,055,646	693	18,478,384	22,241,151	21,235,597	79,010,778	5.34
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	2.403	100%	2.940	5.34			
Pure Premium Indicated by National Relativity		0%	3.732	0%	3.498	7.23			
Pure Premium Present on Rate Level		0%	2.359	0%	2.700	5.06			
Pure Premium Derived by Formula		2.403		2.940		5.34			

CLASS 5037		PAINTING: METAL STRUCTURES-OVER TWO STORIES IN HEIGHT-& DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	314,471	0	0	1	5,973	0	4,274	10,247	3.26
1/04 through 12/04	94,719	0	0	1	24,172	0	32,608	56,780	59.95
1/05 through 12/05	388,668	1	32,104	2	76,482	189,926	223,829	522,341	134.39
1/06 through 12/06	642,654	1	105,101	0	0	59,898	419	165,418	25.74
1/07 through 12/07	234,805	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,675,317	2	137,205	4	106,627	249,824	261,130	754,786	45.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	14.554	18%	30.499	45.05			
Pure Premium Indicated by National Relativity		30%	22.457	31%	13.886	36.34			
Pure Premium Present on Rate Level		52%	23.385	51%	12.421	35.81			
Pure Premium Derived by Formula		21.517		16.129		37.65			

CLASS 5040		IRON OR STEEL: ERECTION-FRAME STRUCTURES							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	7,333,653	8	1,306,920	12	264,587	2,113,365	386,627	4,071,499	55.52
1/04 through 12/04	7,880,625	5	225,305	10	127,717	899,608	248,548	1,501,178	19.05
1/05 through 12/05	8,166,058	3	59,953	3	49,587	195,222	141,479	446,241	5.46
1/06 through 12/06	18,248,781	9	1,836,667	11	1,952,407	1,829,091	667,661	6,285,826	34.45
1/07 through 12/07	20,632,312	4	822,836	13	953,498	657,535	920,829	3,354,698	16.26
5 YR. TOTAL	62,261,429	29	4,251,681	49	3,347,796	5,694,821	2,365,144	15,659,442	25.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		64%	12.206	87%	12.945	25.15			
Pure Premium Indicated by National Relativity		18%	11.442	6%	11.172	22.61			
Pure Premium Present on Rate Level		18%	15.324	7%	16.909	32.23			
Pure Premium Derived by Formula		12.630		13.116		25.75			

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

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CLASS 5057		IRON OR STEEL: ERECTION NOC							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	12,714,191	4	271,974	8	299,315	174,735	398,630	1,144,654	9.00
1/04 through 12/04	18,204,436	5	606,476	9	296,211	266,776	379,363	1,548,826	8.51
1/05 through 12/05	21,176,499	7	907,851	4	313,670	584,557	490,375	2,296,453	10.84
1/06 through 12/06	26,393,213	4	365,785	8	904,330	392,220	736,604	2,398,939	9.09
1/07 through 12/07	23,152,517	5	1,349,571	7	398,290	1,676,657	668,003	4,092,521	17.68
5 YR. TOTAL	101,640,856	25	3,501,657	36	2,211,816	3,094,945	2,672,975	11,481,393	11.30
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		52%	5.621	60%	5.675	11.30			
Pure Premium Indicated by National Relativity		24%	3.904	20%	4.548	8.45			
Pure Premium Present on Rate Level		24%	5.377	20%	4.060	9.44			
Pure Premium Derived by Formula		5.150		5.127		10.28			

CLASS 5059		IRON OR STEEL: ERECTION-FRAME STRUCTURES NOT OVER TWO STORIES IN HEIGHT							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	5,406,305	4	1,277,560	10	745,778	813,568	414,170	3,251,076	60.14
1/04 through 12/04	7,576,221	2	330,429	10	204,632	365,395	312,696	1,213,152	16.01
1/05 through 12/05	7,248,778	6	735,000	10	534,314	2,014,934	770,824	4,055,072	55.94
1/06 through 12/06	7,603,145	6	947,404	9	490,986	1,865,170	687,176	3,990,736	52.49
1/07 through 12/07	11,320,478	0	0	4	75,333	0	167,798	243,131	2.15
5 YR. TOTAL	39,154,927	18	3,290,393	43	2,051,043	5,059,067	2,352,664	12,753,167	32.57
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		58%	13.642	81%	18.929	32.57			
Pure Premium Indicated by National Relativity		21%	13.421	9%	15.408	28.83			
Pure Premium Present on Rate Level		21%	18.401	10%	22.314	40.72			
Pure Premium Derived by Formula		14.595		18.951		33.55			

CLASS 5069		IRON OR STEEL: ERECTION-CONSTRUCTION OF DWELLINGS NOT OVER TWO STORIES IN HEIGHT							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	61,415	0	0	0	0	0	0	0	0.00
1/04 through 12/04	71,506	0	0	0	0	0	0	0	0.00
1/05 through 12/05	76,665	0	0	0	0	0	0	0	0.00
1/06 through 12/06	208,945	0	0	0	0	0	0	0	0.00
1/07 through 12/07	640,875	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,059,406	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.000	14%	0.000	0.00			
Pure Premium Indicated by National Relativity		17%	46.509	18%	32.762	79.27			
Pure Premium Present on Rate Level		68%	23.087	68%	9.931	33.02			
Pure Premium Derived by Formula		23.606		12.650		36.26			

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

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CLASS 5102		DOOR AND WINDOW INSTALLATION - ALL TYPES - RESIDENTIAL AND COMMERCIAL							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	35,551,804	5	496,761	15	342,359	365,461	465,001	1,669,582	4.70
1/04 through 12/04	39,452,658	4	838,971	16	247,989	703,362	280,576	2,070,898	5.25
1/05 through 12/05	48,059,923	3	467,429	12	1,047,885	514,309	993,410	3,023,033	6.29
1/06 through 12/06	49,443,459	3	458,856	19	724,311	360,934	646,434	2,190,535	4.43
1/07 through 12/07	62,473,493	9	821,453	25	584,914	625,797	893,997	2,926,161	4.68
5 YR. TOTAL	234,981,337	24	3,083,470	87	2,947,458	2,569,863	3,279,418	11,880,209	5.06
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		56%	2.567		71%	2.489		5.06	
Pure Premium Indicated by National Relativity		22%	3.197		14%	3.274		6.47	
Pure Premium Present on Rate Level		22%	2.798		15%	2.686		5.48	
Pure Premium Derived by Formula		2.756			2.628			5.38	

CLASS 5146		FURNITURE OR FIXTURES INSTALLATION-PORTABLE-NOC							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	40,469,379	6	414,110	22	207,261	359,742	301,507	1,282,620	3.17
1/04 through 12/04	38,945,944	11	594,463	20	300,730	600,213	595,337	2,090,743	5.37
1/05 through 12/05	41,905,697	8	326,112	31	399,523	621,152	649,818	1,996,605	4.77
1/06 through 12/06	49,761,616	5	843,041	18	358,998	373,475	460,517	2,036,031	4.09
1/07 through 12/07	56,900,489	8	1,854,264	23	669,014	1,060,909	524,687	4,108,874	7.22
5 YR. TOTAL	227,983,125	38	4,031,990	114	1,935,526	3,015,491	2,531,866	11,514,873	5.05
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		51%	2.618		65%	2.433		5.05	
Pure Premium Indicated by National Relativity		24%	3.064		17%	2.894		5.96	
Pure Premium Present on Rate Level		25%	2.281		18%	2.225		4.51	
Pure Premium Derived by Formula		2.641			2.474			5.12	

CLASS 5160		ELEVATOR ERECTION OR REPAIR							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/03 through 12/03	21,273,721	4	1,242,222	4	10,832	820,795	42,174	2,116,023	9.95
1/04 through 12/04	23,997,656	4	361,591	4	30,632	306,084	45,248	743,555	3.10
1/05 through 12/05	22,765,436	2	713,588	7	112,483	213,758	188,995	1,228,824	5.40
1/06 through 12/06	29,703,470	1	1,982	8	337,898	11,388	494,423	845,691	2.85
1/07 through 12/07	31,877,165	5	371,679	4	38,880	327,745	128,713	867,017	2.72
5 YR. TOTAL	129,617,448	16	2,691,062	27	530,725	1,679,770	899,553	5,801,110	4.48
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		43%	2.486		49%	1.990		4.48	
Pure Premium Indicated by National Relativity		28%	2.354		25%	1.709		4.06	
Pure Premium Present on Rate Level		29%	2.714		26%	1.894		4.61	
Pure Premium Derived by Formula		2.515			1.895			4.41	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 5183		PLUMBING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	409,763,686	59	4,228,127	151	3,454,626	2,958,235	3,556,221	14,197,209	3.47
1/04 through 12/04	452,698,618	58	4,959,200	172	3,581,153	4,891,831	4,131,518	17,563,702	3.88
1/05 through 12/05	494,658,446	62	5,768,557	175	5,418,027	6,851,359	5,312,938	23,350,881	4.72
1/06 through 12/06	527,941,869	54	6,489,968	165	4,289,965	6,713,587	4,987,217	22,480,737	4.26
1/07 through 12/07	541,981,903	47	5,211,444	175	6,586,981	5,704,467	5,890,962	23,393,854	4.32
5 YR. TOTAL	2,427,044,522	280	26,657,296	838	23,330,752	27,119,479	23,878,856	100,986,383	4.16
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	2.060	100%	2.101			4.16	
Pure Premium Indicated by National Relativity		0%	2.193	0%	1.981			4.17	
Pure Premium Present on Rate Level		0%	2.069	0%	2.013			4.08	
Pure Premium Derived by Formula		2.060		2.101				4.16	

CLASS 5188		AUTOMATIC SPRINKLER INSTALLATION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	34,722,302	6	169,488	20	213,015	222,248	407,155	1,011,906	2.92
1/04 through 12/04	37,978,280	7	481,301	21	890,757	238,276	743,795	2,354,129	6.20
1/05 through 12/05	47,531,923	6	362,022	19	237,835	449,797	239,976	1,289,630	2.71
1/06 through 12/06	49,814,176	8	665,450	30	521,710	627,406	816,855	2,631,421	5.28
1/07 through 12/07	62,682,268	5	486,660	23	723,569	495,620	573,692	2,279,541	3.64
5 YR. TOTAL	232,728,949	32	2,164,921	113	2,586,886	2,033,347	2,781,473	9,566,627	4.11
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		54%	2.042	66%	2.069			4.11	
Pure Premium Indicated by National Relativity		23%	2.092	17%	1.978			4.07	
Pure Premium Present on Rate Level		23%	2.608	17%	2.221			4.83	
Pure Premium Derived by Formula		2.184		2.079				4.26	

CLASS 5190		ELECTRICAL WIRING-WITHIN BUILDINGS & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	493,494,116	72	5,953,139	221	4,304,841	7,304,558	4,641,322	22,203,860	4.50
1/04 through 12/04	554,046,828	70	5,147,073	243	5,973,654	6,382,520	6,552,404	24,055,651	4.34
1/05 through 12/05	611,180,039	74	6,330,703	244	6,948,297	9,172,357	7,588,210	30,039,567	4.92
1/06 through 12/06	634,968,190	69	6,028,410	259	8,189,790	6,736,538	8,051,551	29,006,289	4.57
1/07 through 12/07	672,800,902	55	6,141,955	222	7,848,620	5,213,239	7,253,618	26,457,432	3.93
5 YR. TOTAL	2,966,490,075	340	29,601,280	1,189	33,265,202	34,809,212	34,087,105	131,762,799	4.44
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	2.119	100%	2.322			4.44	
Pure Premium Indicated by National Relativity		0%	1.830	0%	1.780			3.61	
Pure Premium Present on Rate Level		0%	2.172	0%	2.394			4.57	
Pure Premium Derived by Formula		2.119		2.322				4.44	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 5191		OFFICE MACHINE INSTALLATION, INSPECTION, ADJUSTMENT OR REPAIR							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	589,134,045	29	2,818,737	43	490,302	1,749,225	750,716	5,808,980	0.99
1/04 through 12/04	684,147,799	18	1,405,740	49	970,880	1,283,392	983,680	4,643,692	0.68
1/05 through 12/05	744,883,411	20	1,514,060	38	610,788	1,675,643	826,765	4,627,256	0.62
1/06 through 12/06	785,336,526	30	4,780,608	44	1,387,281	3,060,922	1,263,209	10,492,020	1.34
1/07 through 12/07	803,730,334	15	1,351,852	38	917,267	1,641,335	934,462	4,844,916	0.60
5 YR. TOTAL	3,607,232,115	112	11,870,997	212	4,376,518	9,410,517	4,758,832	30,416,864	0.84
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		80%	0.450	98%	0.393	0.84			
Pure Premium Indicated by National Relativity		10%	0.424	1%	0.464	0.89			
Pure Premium Present on Rate Level		10%	0.462	1%	0.397	0.86			
Pure Premium Derived by Formula		0.449		0.394		0.84			

CLASS 5192		VENDING OR COIN OPERATED MACHINES-INSTALLATION, SERVICE OR REPAIR & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	46,673,777	7	147,811	30	368,034	139,482	515,903	1,171,230	2.51
1/04 through 12/04	52,852,611	9	1,007,904	22	297,388	1,108,553	447,069	2,860,914	5.41
1/05 through 12/05	55,933,380	6	448,715	27	382,947	714,830	653,987	2,200,479	3.93
1/06 through 12/06	61,031,051	11	904,183	16	288,345	649,452	368,267	2,210,247	3.62
1/07 through 12/07	58,838,657	7	622,861	30	1,016,649	730,267	716,203	3,085,980	5.24
5 YR. TOTAL	275,329,476	40	3,131,474	125	2,353,363	3,342,584	2,701,429	11,528,850	4.19
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		52%	1.992	69%	2.195	4.19			
Pure Premium Indicated by National Relativity		24%	1.756	15%	1.980	3.74			
Pure Premium Present on Rate Level		24%	2.066	16%	2.118	4.18			
Pure Premium Derived by Formula		1.953		2.150		4.10			

CLASS 5213		CONCRETE CONSTRUCTION NOC							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	91,860,191	21	1,197,025	65	1,834,089	1,541,876	2,123,864	6,696,854	7.29
1/04 through 12/04	102,250,356	25	1,692,963	68	1,519,843	2,397,222	1,686,159	7,296,187	7.14
1/05 through 12/05	97,083,678	20	2,063,011	59	1,280,068	2,457,542	1,938,102	7,738,723	7.97
1/06 through 12/06	112,872,816	23	1,797,539	49	1,217,130	2,613,923	1,607,510	7,236,910	6.41
1/07 through 12/07	126,682,491	17	3,758,100	62	2,736,255	4,570,380	2,461,175	13,525,910	10.68
5 YR. TOTAL	530,749,532	106	10,508,638	303	8,587,385	13,580,943	9,816,810	42,493,776	8.01
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		86%	3.598	100%	4.408	8.01			
Pure Premium Indicated by National Relativity		7%	3.763	0%	3.698	7.46			
Pure Premium Present on Rate Level		7%	3.670	0%	4.171	7.84			
Pure Premium Derived by Formula		3.615		4.408		8.02			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 5215		CONCRETE WORK-INCIDENTAL TO THE CONSTRUCTION OF PRIVATE RESIDENCE							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	27,712,728	2	309,011	11	213,160	148,699	223,829	894,699	3.23
1/04 through 12/04	33,801,943	2	271,558	7	74,941	136,130	136,413	619,042	1.83
1/05 through 12/05	39,352,490	1	34,162	12	335,989	30,043	390,085	790,279	2.01
1/06 through 12/06	41,831,195	4	155,538	8	73,274	262,747	500,379	991,938	2.37
1/07 through 12/07	41,200,673	2	125,169	16	295,665	93,243	283,213	797,290	1.94
5 YR. TOTAL	183,899,029	11	895,438	54	993,029	670,862	1,533,919	4,093,248	2.23
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		44%	1.027		53%	1.199		2.23	
Pure Premium Indicated by National Relativity		28%	2.828		23%	2.346		5.17	
Pure Premium Present on Rate Level		28%	2.002		24%	1.648		3.65	
Pure Premium Derived by Formula		1.804			1.571			3.38	

CLASS 5221		CONCRETE OR CEMENT WORK-FLOORS, DRIVEWAYS, YARDS OR SIDEWALKS-& DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	257,405,372	27	3,435,224	81	2,427,002	3,216,250	2,389,310	11,467,786	4.46
1/04 through 12/04	302,507,827	31	2,128,833	87	1,657,132	2,133,305	1,865,372	7,784,642	2.57
1/05 through 12/05	337,000,765	43	3,828,083	111	3,415,732	5,129,788	3,477,048	15,850,651	4.70
1/06 through 12/06	365,061,991	28	2,751,003	95	2,658,406	3,932,321	3,102,793	12,444,523	3.41
1/07 through 12/07	370,892,122	25	2,831,215	101	2,900,884	2,152,006	3,202,220	11,086,325	2.99
5 YR. TOTAL	1,632,868,077	154	14,974,358	475	13,059,156	16,563,670	14,036,743	58,633,927	3.59
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		100%	1.717		100%	1.874		3.59	
Pure Premium Indicated by National Relativity		0%	2.427		0%	2.319		4.75	
Pure Premium Present on Rate Level		0%	1.773		0%	1.957		3.73	
Pure Premium Derived by Formula		1.717			1.874			3.59	

CLASS 5222		CONCRETE CONSTRUCTION IN CONNECTION WITH BRIDGES OR CULVERTS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	33,996,334	7	1,495,322	26	1,208,947	1,645,767	1,217,900	5,567,936	16.38
1/04 through 12/04	36,904,666	9	811,271	11	380,753	784,236	296,910	2,273,170	6.16
1/05 through 12/05	34,168,389	5	462,586	22	404,686	467,062	449,549	1,783,883	5.22
1/06 through 12/06	28,497,401	2	148,354	12	454,722	194,434	473,713	1,271,223	4.46
1/07 through 12/07	28,130,605	6	1,139,065	11	762,028	2,594,503	784,704	5,280,300	18.77
5 YR. TOTAL	161,697,395	29	4,056,598	82	3,211,136	5,686,002	3,222,776	16,176,512	10.01
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		59%	4.495	73%	5.510			10.01	
Pure Premium Indicated by National Relativity		20%	4.122	13%	3.892			8.01	
Pure Premium Present on Rate Level		21%	4.801	14%	4.091			8.89	
Pure Premium Derived by Formula		4.485			5.101			9.59	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 5223		SWIMMING POOL CONSTRUCTION-NOT IRON OR STEEL- & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,952,769	4	562,084	7	162,988	678,515	235,811	1,639,398	16.47
1/04 through 12/04	10,144,104	3	119,688	6	56,033	111,364	76,986	364,071	3.59
1/05 through 12/05	13,250,569	1	72,736	4	80,019	0	125,893	278,648	2.10
1/06 through 12/06	14,034,120	2	378,500	2	1,542	516,988	30,395	927,425	6.61
1/07 through 12/07	17,091,357	0	0	8	97,152	0	228,205	325,357	1.90
5 YR. TOTAL	64,472,919	10	1,133,008	27	397,734	1,306,867	697,290	3,534,899	5.48
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	2.374	43%	3.109	5.48			
Pure Premium Indicated by National Relativity		34%	2.143	28%	2.138	4.28			
Pure Premium Present on Rate Level		35%	2.305	29%	2.704	5.01			
Pure Premium Derived by Formula		2.271		2.720		4.99			

CLASS 5348		CERAMIC TILE, INDOOR STONE, MARBLE, OR MOSAIC WORK							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	61,579,811	5	337,762	24	452,046	781,384	475,316	2,046,508	3.32
1/04 through 12/04	73,938,088	10	1,031,837	21	628,847	681,784	851,804	3,194,272	4.32
1/05 through 12/05	88,924,934	12	490,577	45	898,486	371,868	1,401,970	3,162,901	3.56
1/06 through 12/06	104,962,143	3	568,806	38	1,059,050	350,187	1,385,824	3,363,867	3.21
1/07 through 12/07	104,848,948	18	3,336,681	30	888,634	3,393,811	850,273	8,469,399	8.08
5 YR. TOTAL	434,253,924	48	5,765,663	158	3,927,063	5,579,034	4,965,187	20,236,947	4.66
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		62%	2.232	77%	2.428	4.66			
Pure Premium Indicated by National Relativity		19%	2.167	11%	1.886	4.05			
Pure Premium Present on Rate Level		19%	1.966	12%	1.753	3.72			
Pure Premium Derived by Formula		2.169		2.287		4.46			

CLASS 5402		HOTHOUSE ERECTION-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,395,305	0	0	0	0	0	1,724	1,724	0.12
1/04 through 12/04	1,186,959	0	0	1	6,297	0	17,752	24,049	2.03
1/05 through 12/05	3,884,804	1	16,927	0	0	14,552	28,561	60,040	1.55
1/06 through 12/06	3,676,198	0	0	2	39,059	0	20,487	59,546	1.62
1/07 through 12/07	4,949,482	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	15,092,748	1	16,927	3	45,356	14,552	68,524	145,359	0.96
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.413	21%	0.550	0.96			
Pure Premium Indicated by National Relativity		19%	1.600	20%	1.407	3.01			
Pure Premium Present on Rate Level		64%	2.318	59%	1.947	4.27			
Pure Premium Derived by Formula		1.858		1.546		3.40			

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

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EFFECTIVE 4/1/2011

CLASS 5403		CARPENTRY NOC							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	132,281,313	43	3,571,430	80	1,597,799	4,511,615	1,896,113	11,576,957	8.75
1/04 through 12/04	142,386,536	33	3,668,521	85	2,185,469	4,037,073	2,855,934	12,746,997	8.95
1/05 through 12/05	156,626,079	47	3,560,740	74	1,839,681	5,817,822	2,550,964	13,769,207	8.79
1/06 through 12/06	180,663,051	39	3,345,054	91	2,991,456	4,049,040	3,644,837	14,030,387	7.77
1/07 through 12/07	207,169,237	24	3,220,842	91	2,005,657	3,060,058	2,791,177	11,077,734	5.35
5 YR. TOTAL	819,126,216	186	17,366,587	421	10,620,062	21,475,608	13,739,025	63,201,282	7.72
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	3.417	100%	4.299	7.72			
Pure Premium Indicated by National Relativity		0%	4.265	0%	4.338	8.60			
Pure Premium Present on Rate Level		0%	3.843	0%	4.683	8.53			
Pure Premium Derived by Formula		3.417		4.299		7.72			

CLASS 5437		CARPENTRY-INSTALLATION OF CABINET WORK OR INTERIOR TRIM							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	128,047,886	19	1,496,405	80	1,776,270	1,094,016	2,010,150	6,376,841	4.98
1/04 through 12/04	142,206,833	23	1,347,688	84	1,161,354	1,619,243	1,499,787	5,628,072	3.96
1/05 through 12/05	161,404,847	22	1,146,470	89	2,268,087	1,014,974	2,544,487	6,974,018	4.32
1/06 through 12/06	182,811,951	13	977,668	114	3,512,553	1,581,979	3,382,007	9,454,207	5.17
1/07 through 12/07	178,022,549	15	1,950,494	105	3,215,328	2,649,786	2,991,945	10,807,553	6.07
5 YR. TOTAL	792,494,066	92	6,918,725	472	11,933,592	7,959,998	12,428,376	39,240,691	4.95
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		87%	2.379	100%	2.573	4.95			
Pure Premium Indicated by National Relativity		6%	3.170	0%	3.009	6.18			
Pure Premium Present on Rate Level		7%	2.588	0%	2.704	5.29			
Pure Premium Derived by Formula		2.441		2.573		5.01			

CLASS 5443		LATHING & DRIVERS							
Industry Group: Contracting Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	454,935	1	11,872	0	0	5,049	0	16,921	3.72
1/04 through 12/04	419,487	0	0	0	0	0	849	849	0.20
1/05 through 12/05	349,095	0	0	0	0	0	0	0	0.00
1/06 through 12/06	411,376	0	0	0	0	0	3,073	3,073	0.75
1/07 through 12/07	435,977	0	0	0	0	0	145	145	0.03
5 YR. TOTAL	2,070,870	1	11,872	0	0	5,049	4,067	20,988	1.01
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.573	9%	0.440	1.01			
Pure Premium Indicated by National Relativity		46%	1.594	45%	1.702	3.30			
Pure Premium Present on Rate Level		46%	2.435	46%	1.840	4.28			
Pure Premium Derived by Formula		1.899		1.652		3.55			

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

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CLASS 5445		WALLBOARD, SHEETROCK, DRYWALL, PLASTERBOARD, OR CEMENT BOARD INSTALLATION - WITHIN BUILDINGS & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	148,014,813	31	2,695,155	86	2,413,392	2,056,567	2,345,695	9,510,809	6.43
1/04 through 12/04	163,868,459	23	1,833,544	99	3,236,862	1,268,373	3,815,150	10,153,929	6.20
1/05 through 12/05	170,876,335	29	2,729,412	109	3,401,458	3,125,966	3,349,407	12,606,243	7.38
1/06 through 12/06	186,333,921	29	3,027,847	86	3,037,937	3,052,227	3,273,447	12,391,458	6.65
1/07 through 12/07	194,058,146	34	3,665,466	93	3,826,264	4,056,618	4,213,132	15,761,480	8.12
5 YR. TOTAL	863,151,674	146	13,951,424	473	15,915,913	13,559,751	16,996,831	60,423,919	7.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	3.460	100%	3.540			7.00	
Pure Premium Indicated by National Relativity		0%	2.982	0%	2.682			5.66	
Pure Premium Present on Rate Level		0%	3.537	0%	3.519			7.06	
Pure Premium Derived by Formula		3.460		3.540				7.00	

CLASS 5462		GLAZIER-AWAY FROM SHOP & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	29,940,447	2	61,441	12	211,371	103,657	413,436	789,905	2.64
1/04 through 12/04	31,806,692	1	70,700	18	227,799	776,861	1,082,522	2,157,882	6.78
1/05 through 12/05	40,496,692	5	179,067	26	624,871	359,888	696,864	1,860,690	4.59
1/06 through 12/06	43,241,244	8	410,738	19	584,519	553,679	614,724	2,163,660	5.00
1/07 through 12/07	51,361,411	5	394,289	12	229,518	762,602	346,021	1,732,430	3.37
5 YR. TOTAL	196,846,486	21	1,116,235	87	1,878,078	2,556,687	3,153,567	8,704,567	4.42
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		49%	1.521	69%	2.901			4.42	
Pure Premium Indicated by National Relativity		25%	3.615	15%	3.307			6.92	
Pure Premium Present on Rate Level		26%	2.488	16%	2.945			5.43	
Pure Premium Derived by Formula		2.296		2.969				5.27	

CLASS 5472		ASBESTOS CONTRACTOR-PIPE AND BOILER WORK EXCLUSIVELY & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	3,574,963	3	264,100	2	150,906	366,303	74,089	855,398	23.93
1/04 through 12/04	4,115,258	0	0	3	44,318	0	104,524	148,842	3.62
1/05 through 12/05	3,554,030	0	0	1	21,007	0	42,069	63,076	1.78
1/06 through 12/06	3,757,218	0	0	0	0	0	1,116	1,116	0.03
1/07 through 12/07	6,519,681	0	0	0	0	0	22,772	22,772	0.35
5 YR. TOTAL	21,521,150	3	264,100	6	216,231	366,303	244,570	1,091,204	5.07
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		25%	2.232	28%	2.838			5.07	
Pure Premium Indicated by National Relativity		37%	4.650	36%	3.596			8.25	
Pure Premium Present on Rate Level		38%	4.244	36%	2.764			7.01	
Pure Premium Derived by Formula		3.891		3.084				6.98	

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

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CLASS 5473		ASBESTOS CONTRACTOR-NOC & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	12,343,333	0	0	2	13,469	0	21,948	35,417	0.29
1/04 through 12/04	14,937,547	3	176,746	9	563,762	220,695	432,056	1,393,259	9.33
1/05 through 12/05	18,552,090	5	343,491	6	71,309	403,973	116,340	935,113	5.04
1/06 through 12/06	15,623,337	5	375,972	6	277,366	352,402	235,741	1,241,481	7.95
1/07 through 12/07	16,811,635	2	244,828	8	350,754	270,365	396,567	1,262,514	7.51
5 YR. TOTAL	78,267,942	15	1,141,037	31	1,276,660	1,247,435	1,202,652	4,867,784	6.22
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		39%	3.089	48%	3.130	6.22			
Pure Premium Indicated by National Relativity		30%	4.894	26%	4.880	9.77			
Pure Premium Present on Rate Level		31%	3.372	26%	3.079	6.45			
Pure Premium Derived by Formula		3.718		3.572		7.29			

CLASS 5474		PAINTING NOC & SHOP OPERATIONS, DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	188,045,474	24	1,355,863	83	1,900,610	2,172,430	2,075,820	7,504,723	3.99
1/04 through 12/04	213,099,675	31	1,995,905	88	2,872,073	2,563,069	2,923,886	10,354,933	4.86
1/05 through 12/05	237,757,434	40	2,455,977	98	2,825,044	2,760,143	3,404,753	11,445,917	4.81
1/06 through 12/06	257,381,137	43	3,810,943	77	2,551,655	5,871,536	3,059,544	15,293,678	5.94
1/07 through 12/07	252,539,927	38	4,634,214	83	3,067,108	6,543,742	3,826,969	18,072,033	7.16
5 YR. TOTAL	1,148,823,647	176	14,252,902	429	13,216,490	19,910,920	15,290,972	62,671,284	5.46
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		99%	2.391	100%	3.064	5.46			
Pure Premium Indicated by National Relativity		0%	3.221	0%	3.193	6.41			
Pure Premium Present on Rate Level		1%	2.461	0%	2.961	5.42			
Pure Premium Derived by Formula		2.392		3.064		5.46			

CLASS 5478		FLOOR COVERING INSTALLATION--RESILIENT FLOORING -- CARPET AND LAMINATE FLOORING							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	68,074,201	7	816,680	23	257,863	757,701	269,603	2,101,847	3.09
1/04 through 12/04	73,408,447	11	1,147,539	24	961,213	1,050,053	885,914	4,044,719	5.51
1/05 through 12/05	87,559,270	8	1,056,115	22	674,918	1,121,340	522,811	3,375,184	3.86
1/06 through 12/06	87,220,339	8	907,820	16	306,777	1,088,098	422,733	2,725,428	3.13
1/07 through 12/07	84,617,432	4	238,311	21	1,979,059	248,752	1,231,240	3,697,362	4.37
5 YR. TOTAL	400,879,689	38	4,166,465	106	4,179,830	4,265,944	3,332,301	15,944,540	3.98
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		65%	2.082	79%	1.895	3.98			
Pure Premium Indicated by National Relativity		17%	2.755	10%	2.118	4.87			
Pure Premium Present on Rate Level		18%	2.412	11%	2.024	4.44			
Pure Premium Derived by Formula		2.256		1.931		4.19			

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

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CLASS 5479		INSULATION WORK NOC & DRIVERS							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	24,222,903	7	498,895	16	632,441	412,035	294,128	1,837,499	7.59
1/04 through 12/04	28,736,616	5	476,680	18	153,774	238,612	190,736	1,059,802	3.69
1/05 through 12/05	35,735,915	2	131,361	19	132,298	43,539	244,914	552,112	1.55
1/06 through 12/06	38,123,421	7	363,207	23	455,450	289,503	590,156	1,698,316	4.45
1/07 through 12/07	37,674,036	8	926,707	21	611,049	766,610	832,091	3,136,457	8.33
5 YR. TOTAL	164,492,891	29	2,396,850	97	1,985,012	1,750,299	2,152,025	8,284,186	5.04
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		50%	2.664		61%	2.372		5.04	
Pure Premium Indicated by National Relativity		25%	3.260		19%	3.405		6.67	
Pure Premium Present on Rate Level		25%	3.101		20%	2.656		5.76	
Pure Premium Derived by Formula			2.922			2.625		5.55	

CLASS 5480		PLASTERING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	852,883	0	0	1	1,514	0	15,141	16,655	1.95
1/04 through 12/04	828,338	1	120,004	0	0	39,526	0	159,530	19.26
1/05 through 12/05	734,521	0	0	3	14,545	0	18,477	33,022	4.50
1/06 through 12/06	866,245	0	0	0	0	0	486	486	0.06
1/07 through 12/07	838,372	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	4,120,359	1	120,004	4	16,059	39,526	34,104	209,693	5.09
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	3.302		13%	1.787		5.09	
Pure Premium Indicated by National Relativity		43%	3.394		43%	3.121		6.52	
Pure Premium Present on Rate Level		44%	3.944		44%	2.299		6.24	
Pure Premium Derived by Formula			3.624			2.586		6.21	

CLASS 5491		PAPERHANGING & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,680,551	0	0	0	0	0	645	645	0.02
1/04 through 12/04	3,248,431	1	72,434	1	7,063	49,721	6,017	135,235	4.16
1/05 through 12/05	2,949,134	2	209,471	1	34,823	221,108	25,888	491,290	16.66
1/06 through 12/06	4,911,326	0	0	1	99,273	0	14,363	113,636	2.31
1/07 through 12/07	4,757,944	1	63,362	0	0	60,214	886	124,462	2.62
5 YR. TOTAL	18,547,386	4	345,267	3	141,159	331,043	47,799	865,268	4.67
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		17%	2.623		19%	2.043		4.67	
Pure Premium Indicated by National Relativity		30%	2.187		32%	2.340		4.53	
Pure Premium Present on Rate Level		53%	1.889		49%	1.318		3.21	
Pure Premium Derived by Formula			2.103			1.783		3.89	

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

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CLASS 5506		STREET OR ROAD CONSTRUCTION: PAVING OR REPAVING & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	116,363,653	21	3,483,142	39	624,435	4,259,222	1,009,736	9,376,535	8.06
1/04 through 12/04	130,775,704	23	2,395,972	44	919,071	3,646,306	2,334,535	9,295,884	7.11
1/05 through 12/05	130,791,779	14	1,734,432	33	1,685,530	2,302,628	2,147,105	7,869,695	6.02
1/06 through 12/06	110,456,218	17	2,972,842	43	1,698,238	2,455,288	2,079,841	9,206,209	8.34
1/07 through 12/07	117,627,989	7	1,692,575	36	916,890	1,542,123	1,522,044	5,673,632	4.82
5 YR. TOTAL	606,015,343	82	12,278,963	195	5,844,164	14,205,567	9,093,261	41,421,955	6.84
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		83%	2.991	100%	3.845	6.84			
Pure Premium Indicated by National Relativity		8%	3.443	0%	3.540	6.98			
Pure Premium Present on Rate Level		9%	2.965	0%	3.907	6.87			
Pure Premium Derived by Formula		3.025		3.845		6.87			

CLASS 5507		STREET OR ROAD CONSTRUCTION: SUBSURFACE WORK & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	58,905,783	8	388,394	22	525,489	354,638	709,821	1,978,342	3.36
1/04 through 12/04	85,071,918	8	685,430	26	597,342	660,512	359,458	2,302,742	2.71
1/05 through 12/05	83,402,955	7	864,451	18	794,681	1,039,462	421,713	3,120,307	3.74
1/06 through 12/06	89,897,866	8	640,807	21	522,074	912,636	734,160	2,809,677	3.13
1/07 through 12/07	74,733,907	3	62,778	16	667,568	110,372	720,695	1,561,413	2.09
5 YR. TOTAL	392,012,429	34	2,641,860	103	3,107,154	3,077,620	2,945,847	11,772,481	3.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		61%	1.467	75%	1.537	3.00			
Pure Premium Indicated by National Relativity		19%	2.565	12%	2.435	5.00			
Pure Premium Present on Rate Level		20%	2.111	13%	1.861	3.97			
Pure Premium Derived by Formula		1.804		1.687		3.49			

CLASS 5508		STREET OR ROAD CONSTRUCTION: ROCK EXCAVATION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	208,597	3	159,022	1	64,135	145,825	19,830	388,812	186.39
1/04 through 12/04	1,155,278	0	0	1	27,718	0	4,463	32,181	2.79
1/05 through 12/05	1,960,568	0	0	1	9,863	0	8,584	18,447	0.94
1/06 through 12/06	1,353,711	0	0	0	0	0	1,052	1,052	0.08
1/07 through 12/07	194,647	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	4,872,801	3	159,022	3	101,716	145,825	33,929	440,492	9.04
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	5.351	29%	3.689	9.04			
Pure Premium Indicated by National Relativity		39%	9.610	35%	9.822	19.43			
Pure Premium Present on Rate Level		44%	7.479	36%	13.566	21.05			
Pure Premium Derived by Formula		7.948		9.391		17.34			

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

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CLASS 5535 ++		SHEET METAL WORK - INSTALLATION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		47%	3.054	49%	3.299	6.35			
Pure Premium Present on Rate Level		53%	3.087	51%	3.324	6.41			
Pure Premium Derived by Formula		3.071		3.312		6.38			

CLASS 5537		HEATING, VENTILATION, AIR-CONDITIONING AND REFRIGERATION SYSTEMS-INSTALLATION, SERVICE AND REPAIR, SHOP, YARD & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	121,854,290	25	1,409,010	78	1,760,806	1,633,917	1,914,896	6,718,629	5.51
1/04 through 12/04	139,854,261	27	2,696,906	101	2,158,713	2,906,218	2,392,429	10,154,266	7.26
1/05 through 12/05	186,909,951	35	2,977,590	113	1,816,351	2,588,899	2,406,787	9,789,627	5.24
1/06 through 12/06	360,457,200	48	4,085,736	164	4,528,906	4,893,327	4,651,048	18,159,017	5.04
1/07 through 12/07	430,901,692	52	5,295,418	195	4,316,363	7,907,960	5,260,239	22,779,980	5.29
5 YR. TOTAL	1,239,977,394	187	16,464,660	651	14,581,139	19,930,321	16,625,399	67,601,519	5.45
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	2.504	100%	2.948	5.45			
Pure Premium Indicated by National Relativity		0%	2.549	0%	2.485	5.03			
Pure Premium Present on Rate Level		0%	2.773	0%	2.821	5.59			
Pure Premium Derived by Formula		2.504		2.948		5.45			

CLASS 5538		SHEET METAL WORK-SHOP AND OUTSIDE-NOC & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	136,600,588	17	1,709,125	101	2,725,565	1,617,705	2,492,775	8,545,170	6.26
1/04 through 12/04	146,279,244	23	2,171,840	76	1,167,061	1,902,770	1,636,371	6,878,042	4.70
1/05 through 12/05	140,610,342	16	1,385,807	80	2,392,406	2,096,256	2,400,254	8,274,723	5.89
1/06 through 12/06	131,417,064	20	1,278,389	65	2,571,721	2,540,719	2,439,512	8,830,341	6.72
1/07 through 12/07	128,847,761	19	1,451,979	55	2,029,112	1,356,019	1,988,763	6,825,873	5.30
5 YR. TOTAL	683,754,999	95	7,997,140	377	10,885,865	9,513,469	10,957,675	39,354,149	5.76
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		88%	2.762	100%	2.994	5.76			
Pure Premium Indicated by National Relativity		6%	3.261	0%	3.432	6.69			
Pure Premium Present on Rate Level		6%	3.087	0%	3.324	6.41			
Pure Premium Derived by Formula		2.811		2.994		5.81			

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

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CLASS 5551		ROOFING-ALL KINDS & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	56,710,189	18	1,664,481	53	2,181,057	2,106,506	2,144,756	8,096,800	14.28
1/04 through 12/04	67,137,054	29	2,454,259	54	1,465,200	5,108,122	1,701,260	10,728,841	15.98
1/05 through 12/05	74,326,734	26	2,359,011	48	1,414,186	2,919,486	1,611,698	8,304,381	11.17
1/06 through 12/06	81,440,978	31	3,763,235	66	2,902,431	6,854,509	3,256,275	16,776,450	20.60
1/07 through 12/07	83,393,448	23	3,819,541	68	2,292,265	5,278,663	3,652,948	15,043,417	18.04
5 YR. TOTAL	363,008,403	127	14,060,527	289	10,255,139	22,267,286	12,366,937	58,949,889	16.24
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		93%	6.698	100%	9.541	16.24			
Pure Premium Indicated by National Relativity		3%	7.064	0%	8.807	15.87			
Pure Premium Present on Rate Level		4%	6.550	0%	8.958	15.51			
Pure Premium Derived by Formula		6.703		9.541		16.24			

CLASS 5606		CONTRACTOR--PROJECT MANAGER, CONSTRUCTION EXECUTIVE, CONSTRUCTION MANAGER OR CONSTRUCTION SUPERINTENDENT							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	621,775,867	33	3,224,495	86	2,714,381	2,599,708	2,665,890	11,204,474	1.80
1/04 through 12/04	685,723,448	29	3,120,035	89	2,709,989	3,157,612	3,115,638	12,103,274	1.77
1/05 through 12/05	816,472,240	30	3,425,532	67	2,196,904	3,439,235	2,868,057	11,929,728	1.46
1/06 through 12/06	880,783,275	28	3,474,303	90	3,377,315	4,178,584	4,218,382	15,248,584	1.73
1/07 through 12/07	979,089,957	32	3,844,213	74	4,351,479	3,789,357	4,226,031	16,211,080	1.66
5 YR. TOTAL	3,983,844,787	152	17,088,578	406	15,350,068	17,164,496	17,093,998	66,697,140	1.67
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.814	100%	0.860	1.67			
Pure Premium Indicated by National Relativity		0%	0.754	0%	0.792	1.55			
Pure Premium Present on Rate Level		0%	0.777	0%	0.836	1.61			
Pure Premium Derived by Formula		0.814		0.860		1.67			

CLASS 5610		CLEANER - DEBRIS REMOVAL - CONSTRUCTION							
Industry Group: Contracting Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,725,603	4	97,055	13	115,225	152,557	253,369	618,206	3.30
1/04 through 12/04	21,404,170	3	19,679	21	539,739	14,149	731,769	1,305,336	6.10
1/05 through 12/05	29,979,834	8	616,593	34	870,392	857,701	731,955	3,076,641	10.26
1/06 through 12/06	27,117,147	8	385,215	19	347,589	606,139	355,301	1,694,244	6.25
1/07 through 12/07	21,962,226	3	186,155	25	680,842	125,807	1,045,760	2,038,564	9.28
5 YR. TOTAL	119,188,980	26	1,304,697	112	2,553,787	1,756,353	3,118,154	8,732,991	7.33
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		42%	3.237	57%	4.090	7.33			
Pure Premium Indicated by National Relativity		29%	2.162	21%	2.547	4.71			
Pure Premium Present on Rate Level		29%	2.717	22%	3.098	5.82			
Pure Premium Derived by Formula		2.774		3.548		6.32			

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

NORTH CAROLINA

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CLASS 5645 ++		CARPENTRY-DETACHED ONE OR TWO FAMILY DWELLINGS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	463,161,043	99	8,660,403	471	11,520,796	9,588,047	13,206,309	42,975,555	9.28
1/04 through 12/04	513,398,575	149	11,858,610	477	14,137,600	15,565,650	17,308,870	58,870,730	11.47
1/05 through 12/05	552,276,933	151	14,548,245	495	17,617,304	18,662,029	19,409,574	70,237,152	12.72
1/06 through 12/06	553,668,711	109	14,452,348	452	16,793,635	19,912,844	17,440,442	68,599,269	12.39
1/07 through 12/07	478,934,279	89	17,069,145	426	18,167,108	22,514,335	20,400,440	78,151,028	16.32
5 YR. TOTAL	2,561,439,541	597	66,588,751	2,321	78,236,443	86,242,905	87,765,635	318,833,734	12.45
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	5.654	100%	6.793	12.45			
Pure Premium Indicated by National Relativity		0%	5.261	0%	5.929	11.19			
Pure Premium Present on Rate Level		0%	5.251	0%	6.188	11.44			
Pure Premium Derived by Formula		5.654		6.793		12.45			

CLASS 5651 ++		CARPENTRY-DWELLINGS-THREE STORIES OR LESS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	30,871,645	6	922,876	17	205,248	1,010,342	294,320	2,432,786	7.88
1/04 through 12/04	24,449,562	3	551,020	20	575,073	950,190	680,531	2,756,814	11.28
1/05 through 12/05	25,815,323	4	206,309	15	234,638	198,794	418,739	1,058,480	4.10
1/06 through 12/06	33,731,799	4	440,747	10	426,895	246,094	231,185	1,344,921	3.99
1/07 through 12/07	28,794,825	2	120,414	16	642,435	166,230	840,042	1,769,121	6.14
5 YR. TOTAL	143,663,154	19	2,241,366	78	2,084,289	2,571,650	2,464,817	9,362,122	6.52
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		50%	3.011	66%	3.506	6.52			
Pure Premium Indicated by National Relativity		25%	4.178	17%	4.330	8.51			
Pure Premium Present on Rate Level		25%	3.531	17%	3.565	7.10			
Pure Premium Derived by Formula		3.433		3.656		7.09			

CLASS 5703		BUILDING RAISING OR MOVING							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	1,396,171	0	0	5	61,643	0	33,759	95,402	6.83
1/04 through 12/04	1,274,533	0	0	1	170	0	6,636	6,806	0.53
1/05 through 12/05	1,330,025	0	0	0	0	0	6,384	6,384	0.48
1/06 through 12/06	1,156,100	0	0	2	7,890	0	26,347	34,237	2.96
1/07 through 12/07	1,310,290	1	75,281	3	68,674	95,993	91,600	331,548	25.30
5 YR. TOTAL	6,467,119	1	75,281	11	138,377	95,993	164,726	474,377	7.34
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	3.304	30%	4.031	7.34			
Pure Premium Indicated by National Relativity		33%	12.954	35%	14.682	27.64			
Pure Premium Present on Rate Level		47%	7.722	35%	10.829	18.55			
Pure Premium Derived by Formula		8.565		10.138		18.70			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 5705		SALVAGE OPERATION-NO WRECKING OR ANY STRUCTURAL OPERATIONS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	25,501	0	0	0	0	0	0	0	0.00
1/04 through 12/04	222,368	1	222,248	0	0	93,074	0	315,322	141.80
1/05 through 12/05	757,363	1	20,524	1	826	48,667	4,880	74,897	9.89
1/06 through 12/06	920,256	1	130,816	1	6,233	0	21,423	158,472	17.22
1/07 through 12/07	1,498,518	0	0	1	17,337	0	40,439	57,776	3.86
5 YR. TOTAL	3,424,006	3	373,588	3	24,396	141,741	66,742	606,467	17.71
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	11.623	15%	6.089	17.71			
Pure Premium Indicated by National Relativity		22%	9.141	24%	18.210	27.35			
Pure Premium Present on Rate Level		67%	3.681	61%	3.506	7.19			
Pure Premium Derived by Formula		5.756		7.422		13.18			

CLASS 5951		SERUM, ANTI-TOXIN OR VIRUS MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	92,823,629	0	0	1	999	0	16,384	17,383	0.02
1/04 through 12/04	37,662,593	2	20,736	1	60,899	32,352	40,430	154,417	0.41
1/05 through 12/05	12,161,139	0	0	0	0	0	3,862	3,862	0.03
1/06 through 12/06	11,869,231	0	0	0	0	0	3,878	3,878	0.03
1/07 through 12/07	5,452,320	0	0	0	0	0	2,417	2,417	0.04
5 YR. TOTAL	159,968,912	2	20,736	2	61,898	32,352	66,971	181,957	0.11
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.052	22%	0.062	0.11			
Pure Premium Indicated by National Relativity		37%	0.141	39%	0.263	0.40			
Pure Premium Present on Rate Level		47%	0.199	39%	0.218	0.42			
Pure Premium Derived by Formula		0.154		0.201		0.36			

CLASS 6003		PILE DRIVING							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,896,117	0	0	1	15,104	0	49,880	64,984	2.24
1/04 through 12/04	3,828,904	1	173,627	1	9,967	132,704	15,383	331,681	8.66
1/05 through 12/05	5,105,566	1	311,035	3	16,224	84,350	25,025	436,634	8.55
1/06 through 12/06	5,319,490	0	0	3	69,189	0	71,757	140,946	2.65
1/07 through 12/07	4,812,360	0	0	2	17,795	0	48,487	66,282	1.38
5 YR. TOTAL	21,962,437	2	484,662	10	128,279	217,054	210,532	1,040,527	4.74
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	2.791	30%	1.947	4.74			
Pure Premium Indicated by National Relativity		37%	4.688	35%	4.418	9.11			
Pure Premium Present on Rate Level		38%	4.275	35%	3.427	7.70			
Pure Premium Derived by Formula		4.057		3.330		7.39			

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

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EFFECTIVE 4/1/2011

CLASS 6005		JETTY OR BREAKWATER CONSTRUCTION-ALL OPERATIONS TO COMPLETION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	195,287	0	0	0	0	0	0	0	0.00
1/04 through 12/04	201,367	0	0	0	0	0	411	411	0.20
1/05 through 12/05	194,043	0	0	0	0	0	0	0	0.00
1/06 through 12/06	338,744	0	0	0	0	0	0	0	0.00
1/07 through 12/07	682,744	1	448,503	0	0	65,622	0	514,125	75.30
5 YR. TOTAL	1,612,185	1	448,503	0	0	65,622	411	514,536	31.92
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	27.820	8%	4.096	31.92			
Pure Premium Indicated by National Relativity		35%	2.175	37%	2.083	4.26			
Pure Premium Present on Rate Level		58%	2.668	55%	1.919	4.59			
Pure Premium Derived by Formula		4.256		2.154		6.41			

CLASS 6017		DAM OR LOCK CONSTRUCTION: CONCRETE WORK-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	138,282	0	0	0	0	0	0	0	0.00
1/04 through 12/04	94,165	0	0	0	0	0	0	0	0.00
1/05 through 12/05	114,266	0	0	0	0	0	0	0	0.00
1/06 through 12/06	154,386	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,145,831	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,646,930	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.000	9%	0.000	0.00			
Pure Premium Indicated by National Relativity		21%	3.601	22%	2.047	5.65			
Pure Premium Present on Rate Level		69%	4.927	69%	2.235	7.16			
Pure Premium Derived by Formula		4.156		1.992		6.15			

CLASS 6018		DAM OR LOCK CONSTRUCTION: EARTH MOVING OR PLACING-ALL OPERATIONS & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	151,536	0	0	0	0	0	0	0	0.00
1/04 through 12/04	151,213	0	0	0	0	0	0	0	0.00
1/05 through 12/05	114,526	0	0	0	0	0	0	0	0.00
1/06 through 12/06	5,070	0	0	0	0	0	0	0	0.00
1/07 through 12/07	84,845	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	507,190	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		17%	1.958	18%	1.745	3.70			
Pure Premium Present on Rate Level		79%	1.935	78%	0.678	2.61			
Pure Premium Derived by Formula		1.862		0.843		2.71			

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

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CLASS 6045		LEVEE CONSTRUCTION-ALL OPERATIONS TO COMPLETION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		15%	0.917	16%	1.009	1.93			
Pure Premium Present on Rate Level		85%	1.930	84%	1.287	3.22			
Pure Premium Derived by Formula		1.778		1.243		3.02			

CLASS 6204		DRILLING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	19,210,790	7	801,832	18	722,749	597,702	486,843	2,609,126	13.58
1/04 through 12/04	17,066,106	7	853,812	17	162,071	890,772	267,865	2,174,520	12.74
1/05 through 12/05	19,756,104	7	339,120	13	554,537	219,600	495,390	1,608,647	8.14
1/06 through 12/06	19,938,228	9	1,068,788	22	519,185	1,418,452	976,278	3,982,703	19.98
1/07 through 12/07	20,931,200	3	652,350	13	208,938	459,078	247,886	1,568,252	7.49
5 YR. TOTAL	96,902,428	33	3,715,902	83	2,167,480	3,585,604	2,474,262	11,943,248	12.33
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		56%	6.071	71%	6.254	12.33			
Pure Premium Indicated by National Relativity		22%	5.218	14%	5.571	10.79			
Pure Premium Present on Rate Level		22%	6.835	15%	6.512	13.35			
Pure Premium Derived by Formula		6.051		6.197		12.25			

CLASS 6206		OIL OR GAS WELL: CEMENTING & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	1,237	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	31,402	0	0	0	0	0	0	0	0.00
1/07 through 12/07	4,203	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	36,842	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	2%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	2.088	49%	2.305	4.39			
Pure Premium Present on Rate Level		49%	2.503	49%	1.431	3.93			
Pure Premium Derived by Formula		2.250		1.831		4.08			

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

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CLASS 6213		OIL OR GAS WELL: SPECIALTY TOOL OPERATION NOC-BY CONTRACTOR-ALL EMPLOYEES & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	36,606	0	0	0	0	0	0	0	0.00
1/05 through 12/05	426	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	37,032	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.000	1%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	1.369	49%	1.170	2.54			
Pure Premium Present on Rate Level		50%	1.825	50%	0.969	2.79			
Pure Premium Derived by Formula		1.583		1.058		2.64			

CLASS 6214		OIL OR GAS WELL: PERFORATING OF CASING-ALL EMPLOYEES & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	1,400	0	0	0	0	0	0	0	0.00
1/04 through 12/04	151,946	0	0	0	0	0	0	0	0.00
1/05 through 12/05	197,550	0	0	0	0	0	0	0	0.00
1/06 through 12/06	87,675	0	0	0	0	0	0	0	0.00
1/07 through 12/07	82,815	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	521,386	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		30%	2.554	32%	2.173	4.73			
Pure Premium Present on Rate Level		66%	1.881	64%	1.004	2.89			
Pure Premium Derived by Formula		2.008		1.338		3.35			

CLASS 6216		OIL OR GAS LEASE WORK NOC-BY CONTRACTOR & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	570	0	0	0	0	0	0	0	0.00
1/04 through 12/04	2,550	0	0	0	0	0	0	0	0.00
1/05 through 12/05	603	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,723	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.000	1%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	3.841	49%	3.546	7.39			
Pure Premium Present on Rate Level		50%	4.384	50%	2.786	7.17			
Pure Premium Derived by Formula		4.074		3.131		7.21			

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

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CLASS 6217		EXCAVATION & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	302,964,028	44	3,235,971	144	3,912,697	3,239,169	5,236,647	15,624,484	5.16
1/04 through 12/04	354,899,678	42	5,486,033	132	3,480,111	5,497,978	3,769,568	18,233,690	5.14
1/05 through 12/05	418,031,457	64	7,481,642	173	5,104,166	8,718,193	6,763,934	28,067,935	6.72
1/06 through 12/06	473,389,768	70	7,823,117	163	6,372,346	10,745,299	7,475,650	32,416,412	6.85
1/07 through 12/07	448,961,807	47	7,151,144	179	8,650,160	8,263,180	7,019,978	31,084,462	6.92
5 YR. TOTAL	1,998,246,738	267	31,177,907	791	27,519,480	36,463,819	30,265,777	125,426,983	6.28
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	2.937	100%		3.339		6.28	
Pure Premium Indicated by National Relativity		0%	2.839	0%		2.709		5.55	
Pure Premium Present on Rate Level		0%	2.863	0%		3.144		6.01	
Pure Premium Derived by Formula			2.937			3.339		6.28	

CLASS 6229		IRRIGATION OR DRAINAGE SYSTEM CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,560,118	2	144,797	13	41,737	531,483	109,957	827,974	4.46
1/04 through 12/04	19,023,646	0	0	13	345,145	0	334,830	679,975	3.57
1/05 through 12/05	20,465,900	1	1,846	4	37,714	5,608	45,008	90,176	0.44
1/06 through 12/06	22,784,563	3	183,192	8	116,865	163,430	211,124	674,611	2.96
1/07 through 12/07	20,530,431	3	392,504	7	136,431	402,778	183,054	1,114,767	5.43
5 YR. TOTAL	101,364,658	9	722,339	45	677,892	1,103,299	883,973	3,387,503	3.34
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		37%	1.381	47%		1.961		3.34	
Pure Premium Indicated by National Relativity		31%	2.406	26%		2.698		5.10	
Pure Premium Present on Rate Level		32%	2.312	27%		2.174		4.49	
Pure Premium Derived by Formula			1.997			2.210		4.21	

CLASS 6233		OIL OR GAS PIPELINE CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,574,665	0	0	1	9,617	0	15,838	25,455	0.99
1/04 through 12/04	2,288,386	0	0	0	0	0	0	0	0.00
1/05 through 12/05	7,008,093	1	36,414	0	0	27,457	14,655	78,526	1.12
1/06 through 12/06	4,344,054	0	0	1	13,627	0	9,913	23,540	0.54
1/07 through 12/07	2,755,934	0	0	0	0	0	3,186	3,186	0.12
5 YR. TOTAL	18,971,132	1	36,414	2	23,244	27,457	43,592	130,707	0.69
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		19%	0.314	21%		0.375		0.69	
Pure Premium Indicated by National Relativity		40%	2.410	39%		2.074		4.48	
Pure Premium Present on Rate Level		41%	2.475	40%		1.640		4.12	
Pure Premium Derived by Formula			2.038			1.544		3.58	

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

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CLASS 6235		OIL OR GAS WELL: DRILLING OR REDRILLING & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	305,715	0	0	0	0	0	0	0	0.00
1/04 through 12/04	2,232	0	0	0	0	0	0	0	0.00
1/05 through 12/05	16,584	0	0	0	0	0	0	0	0.00
1/06 through 12/06	185,773	0	0	0	0	0	0	0	0.00
1/07 through 12/07	330,908	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	841,212	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.000	8%	0.000	0.00			
Pure Premium Indicated by National Relativity		46%	5.081	46%	4.399	9.48			
Pure Premium Present on Rate Level		46%	6.401	46%	3.593	9.99			
Pure Premium Derived by Formula		5.282		3.676		8.96			

CLASS 6236		OIL OR GAS WELL: INSTALLATION OR RECOVERY OF CASING & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		45%	5.542	47%	5.230	10.77			
Pure Premium Present on Rate Level		55%	8.944	53%	6.272	15.22			
Pure Premium Derived by Formula		7.413		5.782		13.20			

CLASS 6237		OIL OR GAS WELL: INSTRUMENT LOGGING OR SURVEY WORK & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	2,895	0	0	0	0	0	0	0	0.00
1/05 through 12/05	11,652	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	104,219	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	118,766	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	2%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	0.866	49%	0.906	1.77			
Pure Premium Present on Rate Level		49%	1.414	49%	0.915	2.33			
Pure Premium Derived by Formula		1.117		0.892		2.01			

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

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EFFECTIVE 4/1/2011

CLASS 6251		TUNNELING-NOT PNEUMATIC-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	609,744	0	0	0	0	0	9,538	9,538	1.56
1/04 through 12/04	115,345	1	256,298	0	0	612,572	0	868,870	753.28
1/05 through 12/05	50,333	0	0	0	0	0	0	0	0.00
1/06 through 12/06	158,219	0	0	1	7,799	0	30,278	38,077	24.07
1/07 through 12/07	196,794	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,130,435	1	256,298	1	7,799	612,572	39,816	916,485	81.07
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		8%	23.362	15%	57.711			81.07	
Pure Premium Indicated by National Relativity		42%	4.414	42%	3.270			7.68	
Pure Premium Present on Rate Level		50%	5.179	43%	11.118			16.30	
Pure Premium Derived by Formula		6.312		14.811				21.12	

CLASS 6252		SHAFT SINKING-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	1,028,940	0	0	0	0	0	1,763	1,763	0.17
1/04 through 12/04	193,057	0	0	0	0	0	0	0	0.00
1/05 through 12/05	102,716	0	0	0	0	0	0	0	0.00
1/06 through 12/06	805,869	0	0	0	0	0	0	0	0.00
1/07 through 12/07	529,820	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,660,402	0	0	0	0	0	1,763	1,763	0.07
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		11%	0.000	12%	0.066			0.07	
Pure Premium Indicated by National Relativity		39%	7.216	41%	5.920			13.14	
Pure Premium Present on Rate Level		50%	4.679	47%	3.005			7.68	
Pure Premium Derived by Formula		5.154		3.847				9.00	

CLASS 6260		TUNNELING-PNEUMATIC-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	27,331	0	0	0	0	0	0	0	0.00
1/05 through 12/05	30,500	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	57,831	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		2%	0.000	2%	0.000			0.00	
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000			0.00	
Pure Premium Present on Rate Level		98%	4.158	98%	1.452			5.61	
Pure Premium Derived by Formula		4.075		1.423				5.50	

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 6306		SEWER CONSTRUCTION-ALL OPERATIONS & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	64,076,368	12	1,079,775	48	2,529,161	1,527,384	1,316,942	6,453,262	10.07
1/04 through 12/04	76,070,424	6	563,553	36	785,330	500,658	882,995	2,732,536	3.59
1/05 through 12/05	83,447,475	16	1,775,170	37	1,036,252	1,107,837	1,207,042	5,126,301	6.14
1/06 through 12/06	89,367,762	8	955,547	53	1,119,002	1,144,778	1,538,978	4,758,305	5.32
1/07 through 12/07	88,678,786	6	1,864,120	49	1,231,002	1,630,157	1,390,780	6,116,059	6.90
5 YR. TOTAL	401,640,815	48	6,238,165	223	6,700,747	5,910,814	6,336,737	25,186,463	6.27
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		75%	3.222	94%	3.049	6.27			
Pure Premium Indicated by National Relativity		12%	3.295	3%	3.153	6.45			
Pure Premium Present on Rate Level		13%	3.426	3%	3.177	6.60			
Pure Premium Derived by Formula		3.257		3.056		6.31			

CLASS 6319		GAS MAIN OR CONNECTION CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	80,825,522	6	314,041	36	754,982	222,092	1,118,962	2,410,077	2.98
1/04 through 12/04	86,300,994	17	1,739,246	40	731,905	1,684,536	1,107,487	5,263,174	6.10
1/05 through 12/05	99,867,126	15	1,494,271	25	903,449	1,913,226	1,614,434	5,925,380	5.93
1/06 through 12/06	109,251,296	9	1,262,236	29	1,318,574	1,479,578	1,379,419	5,439,807	4.98
1/07 through 12/07	113,823,347	3	666,600	29	704,161	446,209	1,147,559	2,964,529	2.60
5 YR. TOTAL	490,068,285	50	5,476,394	159	4,413,071	5,745,641	6,367,861	22,002,967	4.49
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		69%	2.018	97%	2.472	4.49			
Pure Premium Indicated by National Relativity		15%	2.260	1%	2.121	4.38			
Pure Premium Present on Rate Level		16%	2.350	2%	2.759	5.11			
Pure Premium Derived by Formula		2.107		2.474		4.58			

CLASS 6325		CONDUIT CONSTRUCTION-FOR CABLES OR WIRES-& DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	43,118,140	16	1,548,672	46	837,981	1,560,599	990,011	4,937,263	11.45
1/04 through 12/04	44,464,406	10	853,426	54	971,866	1,102,136	993,360	3,920,788	8.82
1/05 through 12/05	36,417,589	3	174,499	15	551,943	229,220	342,857	1,298,519	3.57
1/06 through 12/06	25,343,081	3	451,737	9	278,459	557,406	197,706	1,485,308	5.86
1/07 through 12/07	20,862,599	2	104,153	3	255,992	153,569	86,593	600,307	2.88
5 YR. TOTAL	170,205,815	34	3,132,487	127	2,896,241	3,602,930	2,610,527	12,242,185	7.19
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		60%	3.542	80%	3.651	7.19			
Pure Premium Indicated by National Relativity		20%	2.472	10%	2.646	5.12			
Pure Premium Present on Rate Level		20%	4.740	10%	4.947	9.69			
Pure Premium Derived by Formula		3.568		3.680		7.25			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 6400		FENCE INSTALLATION AND REPAIR - METAL, VINYL, WOOD, OR PREFABRICATED CONCRETE PANEL FENCE INSTALLED BY HAND							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	14,339,771	0	0	7	55,918	0	103,868	159,786	1.11
1/04 through 12/04	15,956,834	3	51,025	10	47,336	54,078	112,566	265,005	1.66
1/05 through 12/05	17,990,525	5	148,232	11	320,786	153,037	463,231	1,085,286	6.03
1/06 through 12/06	20,173,307	3	383,754	10	67,081	253,771	149,297	853,903	4.23
1/07 through 12/07	21,482,719	2	147,818	12	291,911	72,358	459,447	971,534	4.52
5 YR. TOTAL	89,943,156	13	730,829	50	783,032	533,244	1,288,409	3,335,514	3.71
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		37%	1.683		45%	2.025		3.71	
Pure Premium Indicated by National Relativity		31%	3.677		27%	3.606		7.28	
Pure Premium Present on Rate Level		32%	2.639		28%	2.200		4.84	
Pure Premium Derived by Formula			2.607			2.501		5.11	

CLASS 6503 + +		POTATO CHIP, POPCORN & SNACK CHIP MFG. NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		0%	0.000		0%	0.000		0.00	
Pure Premium Indicated by National Relativity		0%	0.000		0%	0.000		0.00	
Pure Premium Present on Rate Level		100%	0.000		100%	0.000		0.00	
Pure Premium Derived by Formula			0.000			0.000		0.00	

CLASS 6504		FOOD PRODUCTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	120,281,053	14	908,843	37	815,793	1,081,711	842,884	3,649,231	3.03
1/04 through 12/04	129,356,689	8	539,117	29	447,863	215,870	688,897	1,891,747	1.46
1/05 through 12/05	134,095,316	13	1,091,541	26	889,827	783,507	651,803	3,416,678	2.55
1/06 through 12/06	130,689,116	8	407,866	51	904,844	301,186	1,412,431	3,026,327	2.32
1/07 through 12/07	137,231,226	12	949,172	25	362,858	973,228	667,301	2,952,559	2.15
5 YR. TOTAL	651,653,400	55	3,896,539	168	3,421,185	3,355,502	4,263,316	14,936,542	2.29
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		58%	1.123		75%	1.169		2.29	
Pure Premium Indicated by National Relativity		21%	1.131		12%	1.285		2.42	
Pure Premium Present on Rate Level		21%	1.133		13%	1.094		2.23	
Pure Premium Derived by Formula			1.127			1.173		2.30	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 6811		BOAT BUILDING-WOOD-NOC & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,734,527	0	0	1	26,668	0	31,378	58,046	3.35
1/04 through 12/04	2,015,538	0	0	0	0	0	858	858	0.04
1/05 through 12/05	2,037,742	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,763,965	0	0	1	120,460	0	64,132	184,592	10.47
1/07 through 12/07	1,932,868	0	0	2	229,828	0	173,356	403,184	20.86
5 YR. TOTAL	9,484,640	0	0	4	376,956	0	269,724	646,680	6.82
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	3.974	15%	2.844	6.82			
Pure Premium Indicated by National Relativity		24%	6.441	26%	5.990	12.43			
Pure Premium Present on Rate Level		63%	1.808	59%	1.307	3.12			
Pure Premium Derived by Formula		3.202		2.755		5.96			

CLASS 6834		BOAT BUILDING OR REPAIR & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	65,312,085	5	544,506	12	108,031	214,528	251,273	1,118,338	1.71
1/04 through 12/04	82,880,723	13	639,301	32	695,493	692,126	760,713	2,787,633	3.36
1/05 through 12/05	99,722,243	8	450,704	36	429,556	328,657	748,605	1,957,522	1.96
1/06 through 12/06	108,828,798	10	333,198	25	383,255	127,721	670,401	1,514,575	1.39
1/07 through 12/07	101,837,138	8	588,062	33	681,867	558,462	702,872	2,531,263	2.49
5 YR. TOTAL	458,580,987	44	2,555,771	138	2,298,202	1,921,494	3,133,864	9,909,331	2.16
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		53%	1.058	70%	1.102	2.16			
Pure Premium Indicated by National Relativity		23%	2.015	15%	2.451	4.47			
Pure Premium Present on Rate Level		24%	1.275	15%	1.333	2.61			
Pure Premium Derived by Formula		1.330		1.339		2.67			

CLASS 6836		MARINA & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	11,203,692	3	157,784	4	18,367	329,224	45,156	550,531	4.91
1/04 through 12/04	10,361,735	0	0	6	23,866	0	60,788	84,654	0.82
1/05 through 12/05	10,206,976	1	36,287	3	170,389	32,910	148,531	388,117	3.80
1/06 through 12/06	10,292,061	3	237,295	2	69,437	902,708	69,672	1,279,112	12.43
1/07 through 12/07	13,056,469	2	111,931	2	6,198	126,510	24,986	269,625	2.07
5 YR. TOTAL	55,120,933	9	543,297	17	288,257	1,391,352	349,133	2,572,039	4.67
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	1.509	41%	3.158	4.67			
Pure Premium Indicated by National Relativity		37%	2.327	29%	2.992	5.32			
Pure Premium Present on Rate Level		37%	1.803	30%	2.845	4.65			
Pure Premium Derived by Formula		1.920		3.016		4.94			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 6854		SHIP BUILDING-IRON OR STEEL-NOC & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		36%	3.824	38%	3.867			7.69	
Pure Premium Present on Rate Level		64%	3.237	62%	2.608			5.85	
Pure Premium Derived by Formula		3.448		3.086				6.53	

CLASS 6882		SHIP REPAIR CONVERSION-ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		21%	1.271	22%	1.627			2.90	
Pure Premium Present on Rate Level		79%	3.015	78%	1.285			4.30	
Pure Premium Derived by Formula		2.649		1.360				4.01	

CLASS 6884		SHIP SCALING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	68,476	0	0	0	0	0	0	0	0.00
1/06 through 12/06	58,119	0	0	0	0	0	0	0	0.00
1/07 through 12/07	33,380	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	159,975	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		4%	0.000	4%	0.000			0.00	
Pure Premium Indicated by National Relativity		6%	4.797	6%	2.604			7.40	
Pure Premium Present on Rate Level		90%	6.052	90%	2.902			8.95	
Pure Premium Derived by Formula		5.735		2.768				8.50	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 7016 ++		VESSELS-NOC-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	3.959	100%	1.495	5.45			
Pure Premium Derived by Formula		3.959		1.495		5.45			

CLASS 7024		VESSELS-NOC-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	79,823	0	0	0	0	0	0	0	0.00
1/04 through 12/04	67,239	0	0	0	0	0	0	0	0.00
1/05 through 12/05	193,114	0	0	0	0	0	0	0	0.00
1/06 through 12/06	170,222	0	0	0	0	0	398	398	0.23
1/07 through 12/07	259,092	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	769,490	0	0	0	0	0	398	398	0.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.000	6%	0.052	0.05			
Pure Premium Indicated by National Relativity		27%	1.861	29%	1.622	3.48			
Pure Premium Present on Rate Level		66%	4.392	65%	1.659	6.05			
Pure Premium Derived by Formula		3.401		1.552		4.95			

CLASS 7038 ++		BOAT LIVERY-BOATS UNDER 15 TONS-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	3.130	100%	3.441	6.57			
Pure Premium Derived by Formula		3.130		3.441		6.57			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7046 + +		VESSELS-NOT SELF-PROPELLED-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	3.579	100%	3.105	6.68			
Pure Premium Derived by Formula		3.579		3.105		6.68			

CLASS 7047 + +		VESSELS-NOC-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	7.386	100%	5.730	13.12			
Pure Premium Derived by Formula		7.386		5.730		13.12			

CLASS 7050 + +		BOAT LIVERY-BOATS UNDER 15 TONS-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	9.185	100%	3.646	12.83			
Pure Premium Derived by Formula		9.185		3.646		12.83			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7090		BOAT LIVERY-BOATS UNDER 15 TONS-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,548	0	0	0	0	0	0	0	0.00
1/04 through 12/04	82,591	0	0	0	0	0	0	0	0.00
1/05 through 12/05	89,960	0	0	0	0	0	627	627	0.70
1/06 through 12/06	128,258	0	0	0	0	0	0	0	0.00
1/07 through 12/07	123,253	0	0	0	0	0	3,647	3,647	2.96
5 YR. TOTAL	433,610	0	0	0	0	0	4,274	4,274	0.99
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		5%	0.000	7%	0.986			0.99	
Pure Premium Indicated by National Relativity		25%	2.418	27%	3.801			6.22	
Pure Premium Present on Rate Level		70%	3.477	66%	3.822			7.30	
Pure Premium Derived by Formula		3.038		3.618				6.66	

CLASS 7098		VESSELS-NOT SELF-PROPELLED-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	811	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	811	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	1%	0.000			0.00	
Pure Premium Indicated by National Relativity		6%	0.971	6%	3.086			4.06	
Pure Premium Present on Rate Level		94%	3.974	93%	3.448			7.42	
Pure Premium Derived by Formula		3.794		3.392				7.19	

CLASS 7099 + +		VESSELS-NOT SELF-PROPELLED-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000			0.00	
Pure Premium Present on Rate Level		100%	7.046	100%	7.259			14.31	
Pure Premium Derived by Formula		7.046		7.259				14.31	

* Pure Premium per \$100 of Payroll

** Pure Premium per employee

++ Non-Standard Calculation

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7133		RAILROAD OPERATION: NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,200,953	0	0	1	36,759	0	54,295	91,054	4.14
1/04 through 12/04	2,236,395	2	48,373	0	0	164,866	3,293	216,532	9.68
1/05 through 12/05	2,187,681	1	8,098	0	0	68,804	18,605	95,507	4.37
1/06 through 12/06	2,193,466	0	0	0	0	0	9,654	9,654	0.44
1/07 through 12/07	2,644,915	0	0	0	0	0	826	826	0.03
5 YR. TOTAL	11,463,410	3	56,471	1	36,759	233,670	86,673	413,573	3.61
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.813	21%	2.794	3.61			
Pure Premium Indicated by National Relativity		42%	3.193	39%	3.313	6.51			
Pure Premium Present on Rate Level		42%	2.475	40%	2.519	4.99			
Pure Premium Derived by Formula		2.511		2.886		5.40			

CLASS 7222		TRUCKING: OIL FIELD EQUIPMENT-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,050	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	100	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	6,150	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.000	1%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	5.012	49%	3.573	8.59			
Pure Premium Present on Rate Level		50%	6.930	50%	4.822	11.75			
Pure Premium Derived by Formula		5.921		4.162		10.08			

CLASS 7228		TRUCKING - LOCAL HAULING ONLY & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	429,853,171	119	10,645,475	435	6,918,297	9,692,560	6,537,848	33,794,180	7.86
1/04 through 12/04	268,943,748	75	8,028,638	175	5,562,717	5,467,724	4,285,335	23,344,414	8.68
1/05 through 12/05	456,080,005	105	11,143,519	415	8,240,670	9,205,503	8,391,448	36,981,140	8.11
1/06 through 12/06	492,564,025	87	10,690,627	458	11,755,415	8,279,233	9,254,966	39,980,241	8.12
1/07 through 12/07	529,614,213	99	14,512,591	333	11,758,009	10,598,090	8,250,821	45,119,511	8.52
5 YR. TOTAL	2,177,055,162	485	55,020,850	1,816	44,235,108	43,243,110	36,720,418	179,219,486	8.23
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	4.559	100%	3.673	8.23			
Pure Premium Indicated by National Relativity		0%	4.169	0%	3.611	7.78			
Pure Premium Present on Rate Level		0%	4.939	0%	3.707	8.65			
Pure Premium Derived by Formula		4.559		3.673		8.23			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7229		TRUCKING - LONG DISTANCE HAULING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	453,029,142	129	15,063,577	336	8,410,387	11,630,926	7,399,215	42,504,105	9.38
1/04 through 12/04	502,970,526	139	19,077,878	356	9,701,886	13,117,229	8,249,787	50,146,780	9.97
1/05 through 12/05	549,843,930	128	19,572,228	354	11,737,960	12,627,309	9,322,994	53,260,491	9.69
1/06 through 12/06	667,442,057	160	28,333,278	380	13,624,963	21,765,520	11,599,762	75,323,523	11.29
1/07 through 12/07	687,560,255	139	25,764,936	380	14,786,279	17,512,463	10,440,424	68,504,102	9.96
5 YR. TOTAL	2,860,845,910	695	107,811,897	1,806	58,261,475	76,653,447	47,012,182	289,739,001	10.13
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	5.805	100%	4.323	10.13			
Pure Premium Indicated by National Relativity		0%	5.373	0%	4.061	9.43			
Pure Premium Present on Rate Level		0%	5.603	0%	4.247	9.85			
Pure Premium Derived by Formula		5.805		4.323		10.13			

CLASS 7230		TRUCKING: PARCEL OR PACKAGE DELIVERY-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,310,523	1	52,585	3	54,521	40,294	20,025	167,425	7.25
1/04 through 12/04	1,800,850	0	0	2	61,307	0	10,728	72,035	4.00
1/05 through 12/05	4,146,199	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,945,163	0	0	0	0	0	387	387	0.02
1/07 through 12/07	2,267,082	1	18,641	1	1,430	43,039	4,226	67,336	2.97
5 YR. TOTAL	12,469,817	2	71,226	6	117,258	83,333	35,366	307,183	2.46
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	1.512	21%	0.952	2.46			
Pure Premium Indicated by National Relativity		40%	3.221	39%	2.919	6.14			
Pure Premium Present on Rate Level		41%	3.705	40%	2.485	6.19			
Pure Premium Derived by Formula		3.095		2.332		5.43			

CLASS 7231		MAIL, PARCEL OR PACKAGE DELIVERY AND COURIER OR MESSENGER SERVICE COMPANIES -- ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	30,588,911	5	290,185	19	235,049	252,006	153,121	930,361	3.04
1/04 through 12/04	30,271,185	14	968,300	24	174,840	1,044,543	300,947	2,488,630	8.22
1/05 through 12/05	32,683,039	18	926,594	25	393,309	618,256	439,745	2,377,904	7.28
1/06 through 12/06	30,678,650	9	478,749	21	279,849	444,785	332,800	1,536,183	5.01
1/07 through 12/07	47,738,132	23	2,165,319	52	1,220,775	1,628,459	1,114,759	6,129,312	12.84
5 YR. TOTAL	171,959,917	69	4,829,147	141	2,303,822	3,988,049	2,341,372	13,462,390	7.83
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		54%	4.148	67%	3.681	7.83			
Pure Premium Indicated by National Relativity		23%	4.940	16%	4.378	9.32			
Pure Premium Present on Rate Level		23%	3.612	17%	3.142	6.75			
Pure Premium Derived by Formula		4.207		3.701		7.91			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7232		TRUCKING: MAIL PARCEL OR PACKAGE DELIVERY-UNDER CONTRACT WITH THE U.S. POSTAL SERVICE-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	26,711,090	4	328,267	14	145,587	1,038,792	150,313	1,662,959	6.23
1/04 through 12/04	37,923,304	7	1,641,154	27	1,765,804	1,073,512	1,060,605	5,541,075	14.61
1/05 through 12/05	34,433,190	8	1,561,965	18	455,657	1,145,659	321,597	3,484,878	10.12
1/06 through 12/06	27,007,751	4	684,523	20	671,732	216,838	431,812	2,004,905	7.42
1/07 through 12/07	36,024,596	8	932,413	24	695,483	756,239	607,720	2,991,855	8.31
5 YR. TOTAL	162,099,931	31	5,148,322	103	3,734,263	4,231,040	2,572,047	15,685,672	9.68
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		59%	5.480	68%	4.197			9.68	
Pure Premium Indicated by National Relativity		20%	4.255	16%	3.424			7.68	
Pure Premium Present on Rate Level		21%	4.737	16%	3.495			8.23	
Pure Premium Derived by Formula		5.079		3.961				9.04	

CLASS 7333 + +		DREDGING-ALL TYPES-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000			0.00	
Pure Premium Present on Rate Level		100%	3.336	100%	1.288			4.62	
Pure Premium Derived by Formula		3.336		1.288				4.62	

CLASS 7335		DREDGING-ALL TYPES-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	328,359	0	0	0	0	0	0	0	0.00
1/04 through 12/04	538,268	0	0	0	0	0	0	0	0.00
1/05 through 12/05	548,028	1	23,649	0	0	34,301	0	57,950	10.57
1/06 through 12/06	410,989	0	0	0	0	0	0	0	0.00
1/07 through 12/07	576,348	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,401,992	1	23,649	0	0	34,301	0	57,950	2.41
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		10%	0.985	9%	1.428			2.41	
Pure Premium Indicated by National Relativity		14%	7.398	14%	2.422			9.82	
Pure Premium Present on Rate Level		76%	3.708	77%	1.433			5.14	
Pure Premium Derived by Formula		3.952		1.571				5.52	

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7337 + +		DREDGING-ALL TYPES-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	5.516	100%	2.982	8.50			
Pure Premium Derived by Formula		5.516		2.982		8.50			

CLASS 7360		FREIGHT HANDLING NOC							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	15,018,840	1	56,991	7	225,301	17,149	497,493	796,934	5.31
1/04 through 12/04	11,493,903	2	214,996	10	469,114	252,553	386,351	1,323,014	11.51
1/05 through 12/05	19,859,074	2	52,447	5	135,376	9,668	82,838	280,329	1.41
1/06 through 12/06	25,105,140	0	0	16	276,882	0	337,867	614,749	2.45
1/07 through 12/07	30,272,581	4	90,640	11	212,027	168,014	283,308	753,989	2.49
5 YR. TOTAL	101,749,538	9	415,074	49	1,318,700	447,384	1,587,857	3,769,015	3.70
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	1.704	50%	2.000	3.70			
Pure Premium Indicated by National Relativity		30%	3.322	25%	3.878	7.20			
Pure Premium Present on Rate Level		30%	2.867	25%	2.583	5.45			
Pure Premium Derived by Formula		2.538		2.615		5.15			

CLASS 7370		TAXICAB CO.: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	15,052,937	5	131,633	11	4,373	185,943	59,341	381,290	2.53
1/04 through 12/04	19,626,982	5	273,726	14	79,111	268,817	139,189	760,843	3.88
1/05 through 12/05	21,982,348	4	94,246	14	152,073	113,268	258,966	618,553	2.81
1/06 through 12/06	32,044,308	9	530,543	14	130,014	910,225	181,382	1,752,164	5.47
1/07 through 12/07	44,430,146	14	734,846	29	730,225	1,046,446	594,035	3,105,552	6.99
5 YR. TOTAL	133,136,721	37	1,764,994	82	1,095,796	2,524,699	1,232,913	6,618,402	4.97
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	2.149	55%	2.822	4.97			
Pure Premium Indicated by National Relativity		29%	2.679	22%	3.128	5.81			
Pure Premium Present on Rate Level		30%	2.289	23%	2.533	4.82			
Pure Premium Derived by Formula		2.345		2.823		5.17			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 7380		DRIVERS, CHAUFFEURS, MESSENGERS AND THEIR HELPERS NOC-COMMERCIAL							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	578,202,403	83	6,948,006	294	4,990,142	6,287,021	5,147,855	23,373,024	4.04
1/04 through 12/04	562,280,227	80	5,354,865	238	5,138,665	5,165,509	4,133,153	19,792,192	3.52
1/05 through 12/05	583,473,440	79	8,006,699	250	4,859,196	8,280,145	5,007,269	26,153,309	4.48
1/06 through 12/06	635,148,015	84	8,326,261	244	5,865,473	7,297,039	5,974,759	27,463,532	4.32
1/07 through 12/07	685,370,476	90	7,710,524	275	5,940,401	7,811,863	5,685,372	27,148,160	3.96
5 YR. TOTAL	3,044,474,561	416	36,346,355	1,301	26,793,877	34,841,577	25,948,408	123,930,217	4.07
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	2.074	100%	1.997	4.07			
Pure Premium Indicated by National Relativity		0%	2.767	0%	2.720	5.49			
Pure Premium Present on Rate Level		0%	2.277	0%	2.000	4.28			
Pure Premium Derived by Formula		2.074		1.997		4.07			

CLASS 7382		BUS CO.: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	40,849,145	17	1,121,080	29	90,352	777,304	234,107	2,222,843	5.44
1/04 through 12/04	42,182,856	13	755,547	30	567,836	854,797	528,646	2,706,826	6.42
1/05 through 12/05	46,575,372	16	1,354,018	40	522,919	865,968	537,601	3,280,506	7.04
1/06 through 12/06	54,862,822	9	209,952	39	679,970	225,407	567,258	1,682,587	3.07
1/07 through 12/07	51,349,860	17	979,624	41	745,503	1,200,116	975,599	3,900,842	7.60
5 YR. TOTAL	235,820,055	72	4,420,221	179	2,606,580	3,923,592	2,843,211	13,793,604	5.85
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		57%	2.980	72%	2.869	5.85			
Pure Premium Indicated by National Relativity		21%	2.455	14%	2.872	5.33			
Pure Premium Present on Rate Level		22%	2.944	14%	2.789	5.73			
Pure Premium Derived by Formula		2.862		2.858		5.72			

CLASS 7390		BEER OR ALE DEALER-WHOLESALE & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	58,060,948	14	905,545	38	352,220	908,350	396,846	2,562,961	4.41
1/04 through 12/04	66,545,147	19	1,108,228	44	759,699	1,520,853	787,194	4,175,974	6.28
1/05 through 12/05	74,833,980	12	1,062,351	49	407,180	580,958	589,658	2,640,147	3.53
1/06 through 12/06	76,963,962	12	533,171	39	662,182	336,843	629,828	2,162,024	2.81
1/07 through 12/07	79,337,128	14	1,708,314	65	1,391,136	1,016,605	1,189,936	5,305,991	6.69
5 YR. TOTAL	355,741,165	71	5,317,609	235	3,572,417	4,363,609	3,593,462	16,847,097	4.74
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		60%	2.499	77%	2.237	4.74			
Pure Premium Indicated by National Relativity		20%	2.435	11%	2.404	4.84			
Pure Premium Present on Rate Level		20%	2.294	12%	2.167	4.46			
Pure Premium Derived by Formula		2.445		2.247		4.69			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 7394 + +		DIVING, SALVAGE, WRECKING-MARINE-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	8.534	100%	2.337	10.87			
Pure Premium Derived by Formula		8.534		2.337		10.87			

CLASS 7395		DIVING, SALVAGE, WRECKING-MARINE-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	175,599	0	0	1	8,590	0	11,327	19,917	11.34
1/04 through 12/04	102,455	0	0	0	0	0	0	0	0.00
1/05 through 12/05	118,427	0	0	0	0	0	2,224	2,224	1.88
1/06 through 12/06	94,388	0	0	0	0	0	0	0	0.00
1/07 through 12/07	155,361	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	646,230	0	0	1	8,590	0	13,551	22,141	3.43
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	1.329	7%	2.097	3.43			
Pure Premium Indicated by National Relativity		19%	5.165	20%	5.068	10.23			
Pure Premium Present on Rate Level		72%	9.479	73%	2.596	12.08			
Pure Premium Derived by Formula		7.926		3.055		10.98			

CLASS 7398 + +		DIVING, SALVAGE, WRECKING-MARINE-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	17.429	100%	11.831	29.26			
Pure Premium Derived by Formula		17.429		11.831		29.26			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7402 + +		AVIATION-AIR TRAFFIC CONTROLLERS UNDER CONTRACT WITH THE FAA							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000			0.00	
Pure Premium Present on Rate Level		100%	0.097	100%	0.103			0.20	
Pure Premium Derived by Formula		0.097		0.103				0.20	

CLASS 7403		AVIATION: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	322,958,441	44	5,316,513	258	1,957,844	3,856,223	3,055,291	14,185,871	4.39
1/04 through 12/04	385,727,911	81	9,080,225	252	2,759,373	6,193,982	3,581,614	21,615,194	5.60
1/05 through 12/05	424,056,075	67	6,722,336	245	3,868,113	5,700,974	5,209,251	21,500,674	5.07
1/06 through 12/06	267,544,466	30	2,515,752	123	2,542,433	1,872,216	2,746,452	9,676,853	3.62
1/07 through 12/07	333,240,995	39	2,115,120	244	3,796,819	2,652,872	5,421,218	13,986,029	4.20
5 YR. TOTAL	1,733,527,888	261	25,749,946	1,122	14,924,582	20,276,267	20,013,826	80,964,621	4.67
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	2.346	100%	2.324			4.67	
Pure Premium Indicated by National Relativity		0%	2.284	0%	2.561			4.85	
Pure Premium Present on Rate Level		0%	2.413	0%	2.309			4.72	
Pure Premium Derived by Formula		2.346		2.324				4.67	

CLASS 7405		AVIATION: AIR CARRIER - SCHEDULED, COMMUTER OR SUPPLEMENTAL - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	277,475,520	11	413,791	61	579,108	305,718	491,632	1,790,249	0.65
1/04 through 12/04	295,220,814	20	2,771,500	55	542,378	1,655,102	554,856	5,523,836	1.87
1/05 through 12/05	362,404,057	27	2,095,938	112	887,002	1,627,336	1,239,019	5,849,295	1.61
1/06 through 12/06	79,181,321	9	1,491,037	42	406,695	2,266,655	528,849	4,693,236	5.93
1/07 through 12/07	240,873,728	7	685,364	88	1,574,494	611,070	1,195,604	4,066,532	1.69
5 YR. TOTAL	1,255,155,440	74	7,457,630	358	3,989,677	6,465,881	4,009,960	21,923,148	1.75
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		58%	0.912	73%	0.835			1.75	
Pure Premium Indicated by National Relativity		21%	0.657	13%	0.558			1.22	
Pure Premium Present on Rate Level		21%	0.599	14%	0.534			1.13	
Pure Premium Derived by Formula		0.793		0.757				1.55	

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 7420		AVIATION: STUNT FLYING, RACING, OR PARACHUTE JUMPING FLYING CREW							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	34,894	0	0	0	0	0	0	0	0.00
1/04 through 12/04	29,851	0	0	0	0	0	0	0	0.00
1/05 through 12/05	15,910	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	80,655	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		26%	8.933	28%	6.928	15.86			
Pure Premium Present on Rate Level		69%	18.636	68%	5.542	24.18			
Pure Premium Derived by Formula		15.181		5.708		20.89			

CLASS 7421		AVIATION - TRANSPORTATION OF PERSONNEL IN CONDUCT OF EMPLOYER'S BUSINESS - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	25,879,605	1	11,658	2	27,081	17,404	117,498	173,641	0.67
1/04 through 12/04	22,707,660	0	0	5	96,741	0	200,264	297,005	1.31
1/05 through 12/05	27,570,797	0	0	3	60,433	0	94,843	155,276	0.56
1/06 through 12/06	31,073,575	1	119,272	1	13,312	17,272	27,059	176,915	0.57
1/07 through 12/07	40,256,970	1	112,510	3	470,710	69,446	719,847	1,372,513	3.41
5 YR. TOTAL	147,488,607	3	243,440	14	668,277	104,122	1,159,511	2,175,350	1.48
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	0.618	35%	0.857	1.48			
Pure Premium Indicated by National Relativity		36%	0.716	32%	0.724	1.44			
Pure Premium Present on Rate Level		36%	0.793	33%	0.723	1.52			
Pure Premium Derived by Formula		0.716		0.770		1.49			

CLASS 7422		AVIATION:NOC - OTHER THAN HELICOPTERS - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	27,681,539	0	0	1	15,228	0	52,957	68,185	0.25
1/04 through 12/04	31,135,756	1	477,404	6	79,906	455,248	107,899	1,120,457	3.60
1/05 through 12/05	38,632,309	1	27,949	8	11,561	53,554	31,537	124,601	0.32
1/06 through 12/06	44,839,065	0	0	5	27,586	0	38,016	65,602	0.15
1/07 through 12/07	21,367,948	0	0	3	31,363	0	75,904	107,267	0.50
5 YR. TOTAL	163,656,617	2	505,353	23	165,644	508,802	306,313	1,486,112	0.91
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	0.410	38%	0.498	0.91			
Pure Premium Indicated by National Relativity		29%	2.556	31%	1.102	3.66			
Pure Premium Present on Rate Level		30%	1.850	31%	0.781	2.63			
Pure Premium Derived by Formula		1.464		0.773		2.24			

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

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CLASS 7425		AVIATION: HELICOPTERS - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	667,368	0	0	0	0	0	0	0	0.00
1/04 through 12/04	1,403,646	1	417,989	0	0	537,658	0	955,647	68.08
1/05 through 12/05	862,195	0	0	0	0	0	0	0	0.00
1/06 through 12/06	3,396,666	0	0	0	0	0	0	0	0.00
1/07 through 12/07	18,560,683	1	10,829	0	0	20,112	15,989	46,930	0.25
5 YR. TOTAL	24,890,558	2	428,818	0	0	557,770	15,989	1,002,577	4.03
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	1.723	29%	2.305	4.03			
Pure Premium Indicated by National Relativity		28%	2.726	29%	1.036	3.76			
Pure Premium Present on Rate Level		41%	6.234	42%	2.781	9.02			
Pure Premium Derived by Formula		3.853		2.137		5.99			

CLASS 7431		AVIATION: AIR CHARTER OR AIR TAXI - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,230,378	2	169,613	5	88,652	139,215	58,061	455,541	8.71
1/04 through 12/04	336,078	0	0	0	0	0	0	0	0.00
1/05 through 12/05	467,078	0	0	0	0	0	0	0	0.00
1/06 through 12/06	417,734	0	0	0	0	0	0	0	0.00
1/07 through 12/07	22,793,334	1	169,045	0	0	121,137	1,332	291,514	1.28
5 YR. TOTAL	29,244,602	3	338,658	5	88,652	260,352	59,393	747,055	2.55
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	1.461	20%	1.093	2.55			
Pure Premium Indicated by National Relativity		27%	1.026	28%	0.568	1.59			
Pure Premium Present on Rate Level		48%	3.197	52%	0.882	4.08			
Pure Premium Derived by Formula		2.177		0.836		3.01			

CLASS 7502		GAS COMPANY: GAS CO.-NATURAL GAS-LOCAL DISTRIBUTION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,067,413	1	17,853	2	20,470	6,140	35,822	80,285	3.88
1/04 through 12/04	2,803,411	0	0	1	1,414	0	5,502	6,916	0.25
1/05 through 12/05	1,152,325	2	163,489	0	0	150,800	882	315,171	27.35
1/06 through 12/06	1,434,616	0	0	0	0	0	0	0	0.00
1/07 through 12/07	820,865	0	0	0	0	0	1,724	1,724	0.21
5 YR. TOTAL	8,278,630	3	181,342	3	21,884	156,940	43,930	404,096	4.88
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	2.455	17%	2.426	4.88			
Pure Premium Indicated by National Relativity		43%	1.621	41%	1.519	3.14			
Pure Premium Present on Rate Level		43%	2.331	42%	2.158	4.49			
Pure Premium Derived by Formula		2.043		1.942		3.99			

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

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CLASS 7515		OIL OR GAS PIPELINE OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	8,336,841	1	181,580	0	0	71,354	6,245	259,179	3.11
1/04 through 12/04	8,281,154	0	0	4	16,613	0	52,032	68,645	0.83
1/05 through 12/05	7,980,691	2	763,370	0	0	1,095,185	1,374	1,859,929	23.31
1/06 through 12/06	10,380,191	0	0	0	0	0	0	0	0.00
1/07 through 12/07	10,010,548	0	0	4	55,895	0	77,291	133,186	1.33
5 YR. TOTAL	44,989,425	3	944,950	8	72,508	1,166,539	136,942	2,320,939	5.16
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		17%	2.262		27%	2.897		5.16	
Pure Premium Indicated by National Relativity		41%	0.798		36%	1.018		1.82	
Pure Premium Present on Rate Level		42%	0.803		37%	1.208		2.01	
Pure Premium Derived by Formula			1.049			1.596		2.65	

CLASS 7520		WATERWORKS OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	28,303,114	1	20,079	10	142,103	16,494	151,789	330,465	1.17
1/04 through 12/04	32,574,777	4	271,716	14	249,508	75,360	426,191	1,022,775	3.14
1/05 through 12/05	28,923,705	3	110,813	9	239,199	383,520	184,156	917,688	3.17
1/06 through 12/06	29,378,064	5	482,360	9	100,923	243,232	219,101	1,045,616	3.56
1/07 through 12/07	32,915,810	3	819,575	5	320,754	440,214	245,018	1,825,561	5.55
5 YR. TOTAL	152,095,470	16	1,704,543	47	1,052,487	1,158,820	1,226,255	5,142,105	3.38
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		40%	1.813		51%	1.568		3.38	
Pure Premium Indicated by National Relativity		30%	1.995		24%	2.289		4.28	
Pure Premium Present on Rate Level		30%	1.949		25%	1.772		3.72	
Pure Premium Derived by Formula			1.908			1.792		3.70	

CLASS 7529		ELECTRIC LIGHT OR POWER LINE CONSTRUCTION-REA PROJECT ONLY & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,671,959	2	13,454	2	350,774	6,308	332,061	702,597	3.98
1/04 through 12/04	20,992,346	2	92,054	5	84,504	155,768	111,090	443,416	2.11
1/05 through 12/05	22,812,983	8	1,321,734	14	586,118	1,377,286	589,804	3,874,942	16.99
1/06 through 12/06	11,647,079	3	296,821	13	312,875	539,800	366,194	1,515,690	13.01
1/07 through 12/07	9,330,285	0	0	13	253,776	0	384,301	638,077	6.84
5 YR. TOTAL	82,454,652	15	1,724,063	47	1,588,047	2,079,162	1,783,450	7,174,722	8.70
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		41%	4.017		52%	4.685		8.70	
Pure Premium Indicated by National Relativity		0%	0.000		0%	0.000		0.00	
Pure Premium Present on Rate Level		59%	3.685		48%	3.532		7.22	
Pure Premium Derived by Formula			3.821			4.132		7.95	

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

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CLASS 7538		ELECTRIC LIGHT OR POWER LINE CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	30,939,001	8	1,530,927	40	1,728,476	2,008,937	2,342,029	7,610,369	24.60
1/04 through 12/04	37,634,917	5	582,220	23	1,003,245	1,547,526	946,107	4,079,098	10.84
1/05 through 12/05	36,794,874	5	907,140	42	2,830,568	1,445,101	3,039,451	8,222,260	22.35
1/06 through 12/06	18,857,334	3	553,469	6	537,205	413,366	246,802	1,750,842	9.29
1/07 through 12/07	23,484,983	4	541,395	8	789,491	302,368	781,623	2,414,877	10.28
5 YR. TOTAL	147,711,109	25	4,115,151	119	6,888,985	5,717,298	7,356,012	24,077,446	16.30
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		67%	7.450	87%	8.851	16.30			
Pure Premium Indicated by National Relativity		16%	4.989	6%	5.037	10.03			
Pure Premium Present on Rate Level		17%	7.212	7%	7.071	14.28			
Pure Premium Derived by Formula		7.016		8.498		15.51			

CLASS 7539		ELECTRIC LIGHT OR POWER CO. NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	62,909,555	11	935,566	14	526,477	504,942	364,699	2,331,684	3.71
1/04 through 12/04	61,838,942	9	1,858,742	18	561,535	966,016	401,823	3,788,116	6.13
1/05 through 12/05	67,741,705	12	1,078,796	13	269,806	255,313	272,315	1,876,230	2.77
1/06 through 12/06	52,446,719	13	1,961,553	8	181,412	614,952	229,112	2,987,029	5.70
1/07 through 12/07	54,276,596	9	412,062	6	214,057	338,669	186,707	1,151,495	2.12
5 YR. TOTAL	299,213,517	54	6,246,719	59	1,753,287	2,679,892	1,454,656	12,134,554	4.06
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		51%	2.674	57%	1.382	4.06			
Pure Premium Indicated by National Relativity		24%	1.276	21%	1.347	2.62			
Pure Premium Present on Rate Level		25%	1.803	22%	1.231	3.03			
Pure Premium Derived by Formula		2.121		1.341		3.46			

CLASS 7540		ELECTRIC LIGHT OR POWER COOPERATIVE-REA PROJECT ONLY-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	69,547,871	9	1,163,587	54	1,662,345	1,276,391	1,562,913	5,665,236	8.15
1/04 through 12/04	72,655,881	11	1,128,512	27	330,784	1,876,387	613,184	3,948,867	5.44
1/05 through 12/05	76,686,134	6	952,323	32	1,287,627	970,741	1,527,228	4,737,919	6.18
1/06 through 12/06	73,533,110	7	1,040,035	31	926,557	1,527,631	1,098,529	4,592,752	6.25
1/07 through 12/07	79,825,335	9	1,519,850	31	1,484,955	1,541,471	1,781,973	6,328,249	7.93
5 YR. TOTAL	372,248,331	42	5,804,307	175	5,692,268	7,192,621	6,583,827	25,273,023	6.79
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		63%	3.088	86%	3.701	6.79			
Pure Premium Indicated by National Relativity		18%	2.003	7%	2.497	4.50			
Pure Premium Present on Rate Level		19%	2.445	7%	2.761	5.21			
Pure Premium Derived by Formula		2.771		3.551		6.32			

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

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CLASS 7580		SEWAGE DISPOSAL PLANT OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	14,408,099	2	188,468	4	43,816	83,847	100,595	416,726	2.89
1/04 through 12/04	14,198,528	4	229,770	1	1,555	175,849	33,706	440,880	3.11
1/05 through 12/05	15,323,782	2	298,984	1	3,659	531,528	9,448	843,619	5.51
1/06 through 12/06	13,148,289	2	131,438	2	104,519	197,084	86,312	519,353	3.95
1/07 through 12/07	14,697,683	2	115,718	3	18,964	81,797	79,659	296,138	2.02
5 YR. TOTAL	71,776,381	12	964,378	11	172,513	1,070,105	309,720	2,516,716	3.51
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		27%	1.584	35%	1.922	3.51			
Pure Premium Indicated by National Relativity		36%	1.468	32%	1.699	3.17			
Pure Premium Present on Rate Level		37%	1.468	33%	1.494	2.96			
Pure Premium Derived by Formula		1.499		1.709		3.21			

CLASS 7590		GARBAGE WORKS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,091,249	1	8,421	2	11,035	57,534	5,787	82,777	2.02
1/04 through 12/04	4,071,623	1	127,169	1	2,745	20,865	24,446	175,225	4.30
1/05 through 12/05	5,664,435	0	0	3	38,784	0	38,723	77,507	1.37
1/06 through 12/06	5,441,351	0	0	1	22,721	0	57,455	80,176	1.47
1/07 through 12/07	8,809,635	2	1,158,471	3	32,011	388,389	25,963	1,604,834	18.22
5 YR. TOTAL	28,078,293	4	1,294,061	10	107,296	466,788	152,374	2,020,519	7.20
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	4.991	29%	2.205	7.20			
Pure Premium Indicated by National Relativity		39%	2.748	35%	3.206	5.95			
Pure Premium Present on Rate Level		40%	2.138	36%	2.320	4.46			
Pure Premium Derived by Formula		2.975		2.597		5.57			

CLASS 7600 + +		TELEPHONE OR TELEGRAPH CO.: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	159,229,149	24	2,902,971	62	2,761,693	2,125,757	1,582,800	9,373,221	5.89
1/04 through 12/04	158,454,473	20	2,130,601	61	2,264,332	1,259,369	1,482,108	7,136,410	4.50
1/05 through 12/05	137,617,230	21	2,983,277	55	931,508	2,087,593	1,028,083	7,030,461	5.11
1/06 through 12/06	129,378,274	11	691,295	57	2,057,236	488,862	1,779,132	5,016,525	3.88
1/07 through 12/07	141,679,508	17	1,479,953	54	1,991,837	1,611,633	1,463,162	6,546,585	4.62
5 YR. TOTAL	726,358,634	93	10,188,097	289	10,006,606	7,573,214	7,335,285	35,103,202	4.83
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		83%	2.780	94%	2.052	4.83			
Pure Premium Indicated by National Relativity		8%	1.589	3%	1.674	3.26			
Pure Premium Present on Rate Level		9%	2.446	3%	1.720	4.17			
Pure Premium Derived by Formula		2.655		2.031		4.69			

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

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CLASS 7601 ++		TELEPHONE, TELEGRAPH OR FIRE ALARM LINE CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	8,394,172	0	0	3	5,243	0	11,393	16,636	0.20
1/04 through 12/04	11,327,896	3	506,271	4	15,815	667,845	15,832	1,205,763	10.64
1/05 through 12/05	14,749,271	3	762,713	10	410,064	241,972	210,428	1,625,177	11.02
1/06 through 12/06	3,832,170	1	30,936	0	0	53,158	5,206	89,300	2.33
1/07 through 12/07	3,102,588	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	41,406,097	7	1,299,920	17	431,122	962,975	242,859	2,936,876	7.09
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		33%	4.181	39%		2.912		7.09	
Pure Premium Indicated by National Relativity		33%	2.780	30%		2.646		5.43	
Pure Premium Present on Rate Level		34%	4.437	31%		3.327		7.76	
Pure Premium Derived by Formula		3.806		2.961				6.77	

CLASS 7605		BURGLAR AND FIRE ALARM INSTALLATION OR REPAIR & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	119,901,978	15	2,336,006	34	1,002,360	1,656,664	833,014	5,828,044	4.86
1/04 through 12/04	113,567,699	9	896,938	38	514,338	427,997	528,141	2,367,414	2.09
1/05 through 12/05	129,747,620	9	609,251	36	568,794	776,230	593,742	2,548,017	1.96
1/06 through 12/06	137,374,993	13	1,914,511	17	546,711	1,548,855	788,233	4,798,310	3.49
1/07 through 12/07	155,730,884	16	1,296,581	31	741,792	1,347,619	973,594	4,359,586	2.80
5 YR. TOTAL	656,323,174	62	7,053,287	156	3,373,995	5,757,365	3,716,724	19,901,371	3.03
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		69%	1.589	81%		1.444		3.03	
Pure Premium Indicated by National Relativity		15%	1.240	9%		1.225		2.47	
Pure Premium Present on Rate Level		16%	1.731	10%		1.344		3.08	
Pure Premium Derived by Formula		1.559		1.414				2.97	

CLASS 7610		RADIO OR TELEVISION BROADCASTING STATION-ALL EMPLOYEES & CLERICAL, DRIVERS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	309,041,273	6	397,320	11	122,306	332,792	290,404	1,142,822	0.37
1/04 through 12/04	291,266,291	7	404,271	14	212,821	920,781	454,839	1,992,712	0.68
1/05 through 12/05	350,474,205	6	455,383	15	385,911	296,625	431,359	1,569,278	0.45
1/06 through 12/06	363,047,449	2	30,491	12	718,330	59,774	365,631	1,174,226	0.32
1/07 through 12/07	472,086,859	3	350,972	27	969,774	170,269	1,139,785	2,630,800	0.56
5 YR. TOTAL	1,785,916,077	24	1,638,437	79	2,409,142	1,780,241	2,682,018	8,509,838	0.48
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		46%	0.227	62%		0.250		0.48	
Pure Premium Indicated by National Relativity		27%	0.230	19%		0.277		0.51	
Pure Premium Present on Rate Level		27%	0.215	19%		0.233		0.45	
Pure Premium Derived by Formula		0.225		0.252				0.48	

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

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CLASS 7611 ++		TELEPHONE OR CABLE TV LINE INSTALLATION-CONTRACTORS, UNDERGROUND & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	13,224,092	3	6,045	14	232,428	26,669	245,750	510,892	3.86
1/04 through 12/04	17,789,839	4	651,657	14	329,383	840,254	339,613	2,160,907	12.15
1/05 through 12/05	29,276,450	5	313,559	22	378,879	197,073	600,554	1,490,065	5.09
1/06 through 12/06	38,804,475	8	914,078	16	384,171	740,289	281,144	2,319,682	5.98
1/07 through 12/07	42,063,805	7	369,317	23	759,568	463,629	667,271	2,259,785	5.37
5 YR. TOTAL	141,158,661	27	2,254,656	89	2,084,429	2,267,914	2,134,332	8,741,331	6.19
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		49%	3.074	58%	3.119	6.19			
Pure Premium Indicated by National Relativity		25%	2.105	21%	1.995	4.10			
Pure Premium Present on Rate Level		26%	3.374	21%	2.725	6.10			
Pure Premium Derived by Formula		2.910		2.800		5.71			

CLASS 7612 ++		TELEPHONE OR CABLE TV LINE INSTALLATION-CONTRACTORS, OVERHEAD & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	6,953,089	1	106,576	2	144,715	60,009	556,899	868,199	12.49
1/04 through 12/04	5,984,280	1	242,853	4	263,669	0	112,789	619,311	10.35
1/05 through 12/05	7,865,481	1	86,616	6	184,310	147,579	224,311	642,816	8.17
1/06 through 12/06	10,436,872	2	85,929	6	149,225	49,683	81,955	366,792	3.51
1/07 through 12/07	9,899,009	1	67,481	4	38,406	57,850	65,195	228,932	2.31
5 YR. TOTAL	41,138,731	6	589,455	22	780,325	315,121	1,041,149	2,726,050	6.63
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		35%	3.330	42%	3.297	6.63			
Pure Premium Indicated by National Relativity		32%	4.873	29%	4.196	9.07			
Pure Premium Present on Rate Level		33%	4.974	29%	4.200	9.17			
Pure Premium Derived by Formula		4.366		3.820		8.19			

CLASS 7613 ++		TELEPHONE OR CABLE TV LINE INSTALLATION-CONTRACTORS, SERVICE LINES AND CONNECTIONS & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	38,650,584	16	2,044,963	33	644,750	1,445,403	528,113	4,663,229	12.07
1/04 through 12/04	34,711,078	8	394,293	19	1,099,517	152,428	919,448	2,565,686	7.39
1/05 through 12/05	31,547,297	3	520,945	19	458,357	727,835	381,159	2,088,296	6.62
1/06 through 12/06	27,845,011	3	321,125	15	503,578	321,597	530,890	1,677,190	6.02
1/07 through 12/07	28,936,040	7	924,306	9	265,863	1,579,153	261,477	3,030,799	10.47
5 YR. TOTAL	161,690,010	37	4,205,632	95	2,972,065	4,226,416	2,621,087	14,025,200	8.67
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		54%	4.439	62%	4.235	8.67			
Pure Premium Indicated by National Relativity		23%	3.157	19%	2.719	5.88			
Pure Premium Present on Rate Level		23%	3.811	19%	2.753	6.56			
Pure Premium Derived by Formula		4.000		3.665		7.67			

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

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CLASS 7704		COMBINED DATA FOR CLASSES 7704, 7710 AND 7711							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,109,008	0	0	4	32,102	0	81,865	113,967	1.25
1/04 through 12/04	6,972,908	0	0	3	40,076	0	149,483	189,559	2.72
1/05 through 12/05	11,203,130	2	25,236	5	17,981	46,585	97,211	187,013	1.67
1/06 through 12/06	9,023,438	0	0	5	148,144	0	168,088	316,232	3.51
1/07 through 12/07	10,672,920	0	0	3	46,725	0	127,967	174,692	1.64
5 YR. TOTAL	46,981,404	2	25,236	20	285,028	46,585	624,614	981,463	2.09
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	0.660	32%	1.429	2.09			
Pure Premium Indicated by National Relativity		38%	2.172	34%	2.958	5.13			
Pure Premium Present on Rate Level		38%	1.755	34%	1.855	3.61			
Pure Premium Derived by Formula		1.651		2.094		3.75			

CLASS 7705 + +		AMBULANCE SERVICE COMPANIES AND EMS (EMERGENCY MEDICAL SERVICE) PROVIDERS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		31%	3.497	33%	5.444	8.94			
Pure Premium Present on Rate Level		69%	2.289	67%	2.533	4.82			
Pure Premium Derived by Formula		2.663		3.494		6.16			

CLASS 7710 + +		FIREFIGHTERS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		50%	2.346	50%	3.001	5.35			
Pure Premium Present on Rate Level		50%	1.755	50%	1.855	3.61			
Pure Premium Derived by Formula		2.051		2.428		4.48			

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

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CLASS 7711 ++		FIREFIGHTERS & DRIVERS - VOLUNTEER							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		14%	1.834	14%	3.856	5.69			
Pure Premium Present on Rate Level		86%	1.755	86%	1.855	3.61			
Pure Premium Derived by Formula		1.766		2.135		3.90			

CLASS 7720		POLICE OFFICERS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	163,227,716	21	1,505,549	43	501,207	1,099,134	850,429	3,956,319	2.42
1/04 through 12/04	208,001,666	16	1,716,498	56	507,545	2,355,349	971,330	5,550,722	2.67
1/05 through 12/05	282,625,572	22	2,167,452	65	1,218,169	2,017,767	1,812,911	7,216,299	2.55
1/06 through 12/06	296,602,197	30	2,337,006	61	1,016,506	2,889,389	1,574,729	7,817,630	2.64
1/07 through 12/07	323,823,372	17	2,786,594	67	1,251,362	1,858,836	2,229,412	8,126,204	2.51
5 YR. TOTAL	1,274,280,523	106	10,513,099	292	4,494,789	10,220,475	7,438,811	32,667,174	2.56
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		78%	1.178	100%	1.386	2.56			
Pure Premium Indicated by National Relativity		11%	1.490	0%	1.778	3.27			
Pure Premium Present on Rate Level		11%	1.217	0%	1.301	2.52			
Pure Premium Derived by Formula		1.217		1.386		2.60			

CLASS 7723		DETECTIVE OR PATROL AGENCY - PRIVATE & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	75,623,292	7	327,028	22	1,010,183	495,880	715,531	2,548,622	3.37
1/04 through 12/04	90,834,726	10	411,053	34	746,126	650,614	1,232,764	3,040,557	3.35
1/05 through 12/05	94,908,921	11	700,775	31	468,155	1,067,733	702,765	2,939,428	3.10
1/06 through 12/06	96,518,621	7	666,668	11	192,191	839,442	284,456	1,982,757	2.05
1/07 through 12/07	95,982,919	7	435,186	28	411,910	1,415,621	687,701	2,950,418	3.07
5 YR. TOTAL	453,868,479	42	2,540,710	126	2,828,565	4,469,290	3,623,217	13,461,782	2.97
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		52%	1.183	74%	1.783	2.97			
Pure Premium Indicated by National Relativity		24%	1.300	13%	1.750	3.05			
Pure Premium Present on Rate Level		24%	1.221	13%	1.529	2.75			
Pure Premium Derived by Formula		1.220		1.746		2.97			

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

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EFFECTIVE 4/1/2011

CLASS 7855		RAILROAD CONSTRUCTION: LAYING OR RELAYING OF TRACKS OR MAINTENANCE OF WAY BY CONTRACTOR-NO WORK ON ELEVATED RAILROADS-& DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,006,034	0	0	5	63,126	0	64,027	127,153	6.34
1/04 through 12/04	2,360,313	0	0	1	1,424	0	3,774	5,198	0.22
1/05 through 12/05	2,647,852	0	0	2	51,515	0	33,006	84,521	3.19
1/06 through 12/06	4,325,691	0	0	1	1,456	0	381	1,837	0.04
1/07 through 12/07	3,008,070	0	0	0	0	0	1,418	1,418	0.05
5 YR. TOTAL	14,347,960	0	0	9	117,521	0	102,606	220,127	1.53
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.819	27%	0.715	1.53			
Pure Premium Indicated by National Relativity		38%	2.942	36%	3.105	6.05			
Pure Premium Present on Rate Level		39%	5.337	37%	4.060	9.40			
Pure Premium Derived by Formula		3.388		2.813		6.20			

CLASS 8001		STORE: FLORIST & DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	42,252,418	5	51,707	6	56,591	24,687	183,710	316,695	0.75
1/04 through 12/04	42,699,263	2	26,950	8	47,323	46,150	63,944	184,367	0.43
1/05 through 12/05	42,837,010	3	285,053	13	104,026	215,434	94,385	698,898	1.63
1/06 through 12/06	42,130,807	5	350,819	8	140,441	547,748	231,635	1,270,643	3.02
1/07 through 12/07	46,327,959	7	547,691	13	308,381	489,673	377,464	1,723,209	3.72
5 YR. TOTAL	216,247,457	22	1,262,220	48	656,762	1,323,692	951,138	4,193,812	1.94
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	0.887	44%	1.052	1.94			
Pure Premium Indicated by National Relativity		34%	1.050	28%	1.366	2.42			
Pure Premium Present on Rate Level		35%	0.743	28%	0.904	1.65			
Pure Premium Derived by Formula		0.892		1.098		1.99			

CLASS 8002		AUTOMOBILE RENTAL CO.: ALL OTHER EMPLOYEES & COUNTER PERSONNEL, DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	52,329,195	4	83,148	8	64,631	147,104	187,441	482,324	0.92
1/04 through 12/04	52,445,472	4	321,146	18	449,398	546,166	424,031	1,740,741	3.32
1/05 through 12/05	57,780,533	9	157,141	22	193,895	236,263	337,205	924,504	1.60
1/06 through 12/06	56,647,454	4	186,043	9	201,926	142,520	244,618	775,107	1.37
1/07 through 12/07	58,838,644	6	137,009	27	304,531	427,306	454,256	1,323,102	2.25
5 YR. TOTAL	278,041,298	27	884,487	84	1,214,381	1,499,359	1,647,551	5,245,778	1.89
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	0.755	51%	1.132	1.89			
Pure Premium Indicated by National Relativity		32%	1.044	24%	1.399	2.44			
Pure Premium Present on Rate Level		32%	0.834	25%	1.017	1.85			
Pure Premium Derived by Formula		0.873		1.167		2.04			

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

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EFFECTIVE 4/1/2011

CLASS 8006		GASOLINE STATION: SELF-SERVICE AND CONVENIENCE/GROCERY-RETAIL							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	322,798,088	31	1,401,804	92	1,113,448	1,683,800	1,187,632	5,386,684	1.67
1/04 through 12/04	290,410,880	41	3,222,359	109	1,543,419	5,082,406	2,227,385	12,075,569	4.16
1/05 through 12/05	328,878,898	39	3,250,287	118	1,613,108	3,325,858	2,701,172	10,890,425	3.31
1/06 through 12/06	385,617,549	43	2,776,215	118	2,040,164	2,404,291	2,211,566	9,432,236	2.45
1/07 through 12/07	399,319,834	42	3,024,666	115	2,103,289	2,254,898	2,155,528	9,538,381	2.39
5 YR. TOTAL	1,727,025,249	196	13,675,331	552	8,413,428	14,751,253	10,483,283	47,323,295	2.74
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		88%	1.279	100%	1.461	2.74			
Pure Premium Indicated by National Relativity		6%	0.954	0%	1.251	2.21			
Pure Premium Present on Rate Level		6%	1.207	0%	1.431	2.64			
Pure Premium Derived by Formula			1.255		1.461	2.72			

CLASS 8008		STORE: CLOTHING, WEARING APPAREL OR DRY GOODS-RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	595,164,724	42	1,602,618	116	2,219,136	2,503,162	3,653,883	9,978,799	1.68
1/04 through 12/04	573,628,794	30	1,220,460	122	1,180,114	1,134,516	2,043,812	5,578,902	0.97
1/05 through 12/05	510,487,485	42	1,923,707	117	1,383,759	2,493,392	2,298,202	8,099,060	1.59
1/06 through 12/06	649,261,050	58	2,872,085	156	2,708,663	2,748,395	4,333,856	12,662,999	1.95
1/07 through 12/07	646,953,161	33	1,578,805	118	1,865,164	1,615,033	2,738,796	7,797,798	1.21
5 YR. TOTAL	2,975,495,214	205	9,197,675	629	9,356,836	10,494,498	15,068,549	44,117,558	1.48
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		82%	0.624	100%	0.859	1.48			
Pure Premium Indicated by National Relativity		9%	0.558	0%	0.752	1.31			
Pure Premium Present on Rate Level		9%	0.601	0%	0.862	1.46			
Pure Premium Derived by Formula			0.616		0.859	1.48			

CLASS 8010		STORE: HARDWARE							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	212,708,187	18	1,108,902	43	183,477	1,006,339	568,551	2,867,269	1.35
1/04 through 12/04	211,260,283	13	1,041,467	71	733,946	1,074,474	1,493,094	4,342,981	2.06
1/05 through 12/05	235,210,165	17	1,029,525	72	625,102	715,996	1,097,990	3,468,613	1.47
1/06 through 12/06	238,207,585	12	781,931	59	762,549	487,414	1,081,536	3,113,430	1.31
1/07 through 12/07	245,722,907	13	1,313,863	49	757,950	898,066	1,035,388	4,005,267	1.63
5 YR. TOTAL	1,143,109,127	73	5,275,688	294	3,063,024	4,182,289	5,276,559	17,797,560	1.56
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		62%	0.729	85%	0.827	1.56			
Pure Premium Indicated by National Relativity		19%	0.816	7%	1.051	1.87			
Pure Premium Present on Rate Level		19%	0.764	8%	0.873	1.64			
Pure Premium Derived by Formula			0.752		0.846	1.60			

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

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CLASS 8013		STORE: JEWELRY							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	146,040,231	3	24,191	10	271,516	44,211	206,659	546,577	0.37
1/04 through 12/04	141,777,483	1	66,340	6	411,323	0	299,688	777,351	0.55
1/05 through 12/05	157,461,987	1	82,373	8	87,210	42,653	184,311	396,547	0.25
1/06 through 12/06	167,114,424	5	324,857	7	53,839	330,894	201,073	910,663	0.55
1/07 through 12/07	175,733,567	5	487,040	7	149,108	368,743	215,949	1,220,840	0.70
5 YR. TOTAL	788,127,692	15	984,801	38	972,996	786,501	1,107,680	3,851,978	0.49
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		35%	0.248	43%		0.240		0.49	
Pure Premium Indicated by National Relativity		32%	0.196	28%		0.255		0.45	
Pure Premium Present on Rate Level		33%	0.259	29%		0.232		0.49	
Pure Premium Derived by Formula			0.235			0.242		0.48	

CLASS 8015		QUICK PRINTING-COPYING OR DUPLICATION SERVICE-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	37,549,045	0	0	1	2,992	0	14,954	17,946	0.05
1/04 through 12/04	34,771,760	1	156,162	4	19,513	614,191	134,685	924,551	2.66
1/05 through 12/05	41,791,788	1	64,449	1	46	39,432	13,489	117,416	0.28
1/06 through 12/06	43,948,865	3	366,301	5	44,111	601,006	91,961	1,103,379	2.51
1/07 through 12/07	51,538,288	0	0	5	27,947	0	44,922	72,869	0.14
5 YR. TOTAL	209,599,746	5	586,912	16	94,609	1,254,629	300,011	2,236,161	1.07
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	0.325	38%		0.742		1.07	
Pure Premium Indicated by National Relativity		38%	0.297	31%		0.395		0.69	
Pure Premium Present on Rate Level		38%	0.402	31%		0.631		1.03	
Pure Premium Derived by Formula			0.344			0.600		0.94	

CLASS 8017		STORE: RETAIL NOC							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,840,261,556	174	8,534,851	484	5,850,915	8,720,014	8,541,764	31,647,544	1.72
1/04 through 12/04	1,924,278,292	198	10,569,347	499	6,637,667	11,956,841	10,089,788	39,253,643	2.04
1/05 through 12/05	1,846,066,915	169	10,163,144	518	6,442,186	11,414,177	9,447,681	37,467,188	2.03
1/06 through 12/06	1,968,028,873	160	8,024,328	537	7,129,981	9,049,354	11,764,753	35,968,416	1.83
1/07 through 12/07	2,784,273,425	160	7,625,102	653	8,300,507	9,192,140	15,396,593	40,514,342	1.46
5 YR. TOTAL	10,362,909,061	861	44,916,772	2,691	34,361,256	50,332,526	55,240,579	184,851,133	1.78
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		100%	0.765	100%		1.019		1.78	
Pure Premium Indicated by National Relativity		0%	0.671	0%		0.943		1.61	
Pure Premium Present on Rate Level		0%	0.830	0%		0.990		1.82	
Pure Premium Derived by Formula			0.765			1.019		1.78	

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

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CLASS 8018		STORE: WHOLESALE NOC							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	476,631,131	52	2,566,578	185	2,297,068	2,703,172	3,097,839	10,664,657	2.24
1/04 through 12/04	457,936,008	37	2,135,379	175	2,881,606	1,637,050	3,154,311	9,808,346	2.14
1/05 through 12/05	514,354,097	42	2,054,303	202	3,402,179	1,846,571	3,996,801	11,299,854	2.20
1/06 through 12/06	543,001,569	43	2,333,263	201	4,484,333	2,682,843	5,327,922	14,828,361	2.73
1/07 through 12/07	604,697,966	49	2,653,101	199	3,248,332	2,968,026	3,706,696	12,576,155	2.08
5 YR. TOTAL	2,596,620,771	223	11,742,624	962	16,313,518	11,837,662	19,283,569	59,177,373	2.28
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		99%	1.080		100%	1.199		2.28	
Pure Premium Indicated by National Relativity		0%	1.268		0%	1.562		2.83	
Pure Premium Present on Rate Level		1%	1.084		0%	1.176		2.26	
Pure Premium Derived by Formula			1.080			1.199		2.28	

CLASS 8021		STORE: MEAT, FISH OR POULTRY DEALER-WHOLESALE							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	203,138,631	26	988,653	62	1,053,785	975,588	2,005,576	5,023,602	2.47
1/04 through 12/04	215,527,151	22	905,567	50	1,025,239	1,030,412	1,860,649	4,821,867	2.24
1/05 through 12/05	210,220,531	19	445,503	44	739,809	851,215	1,275,376	3,311,903	1.58
1/06 through 12/06	226,153,934	14	811,454	59	993,848	687,973	1,578,910	4,072,185	1.80
1/07 through 12/07	250,097,236	11	892,010	58	844,171	977,574	1,658,532	4,372,287	1.75
5 YR. TOTAL	1,105,137,483	92	4,043,187	273	4,656,852	4,522,762	8,379,043	21,601,844	1.95
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		66%	0.787		94%	1.167		1.95	
Pure Premium Indicated by National Relativity		17%	1.145		3%	1.578		2.72	
Pure Premium Present on Rate Level		17%	0.945		3%	1.162		2.11	
Pure Premium Derived by Formula			0.875			1.179		2.05	

CLASS 8031		STORE: MEAT, FISH OR POULTRY-RETAIL							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,201,566	0	0	4	4,431	0	19,528	23,959	0.26
1/04 through 12/04	9,485,493	1	9,098	2	2,211	6,437	10,555	28,301	0.30
1/05 through 12/05	7,583,168	0	0	4	21,141	0	15,950	37,091	0.49
1/06 through 12/06	9,368,793	1	131,353	4	76,714	250,512	103,194	561,773	6.00
1/07 through 12/07	9,707,491	1	2,595	4	35,237	9,525	76,656	124,013	1.28
5 YR. TOTAL	45,346,511	3	143,046	18	139,734	266,474	225,883	775,137	1.71
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		20%	0.624		28%	1.086		1.71	
Pure Premium Indicated by National Relativity		40%	1.173		36%	1.751		2.92	
Pure Premium Present on Rate Level		40%	1.172		36%	1.385		2.56	
Pure Premium Derived by Formula			1.063			1.433		2.50	

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

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CLASS 8032		STORE: CLOTHING, WEARING APPAREL OR DRY GOODS-WHOLESALE							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	70,415,317	7	409,055	21	290,021	471,179	357,677	1,527,932	2.17
1/04 through 12/04	65,378,685	4	215,418	17	484,406	204,636	397,493	1,301,953	1.99
1/05 through 12/05	54,624,740	9	328,470	15	389,483	327,413	416,625	1,461,991	2.68
1/06 through 12/06	69,459,369	6	636,454	27	502,625	837,666	466,010	2,442,755	3.52
1/07 through 12/07	62,641,578	6	644,397	33	416,777	504,136	561,510	2,126,820	3.40
5 YR. TOTAL	322,519,689	32	2,233,794	113	2,083,312	2,345,030	2,199,315	8,861,451	2.75
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		42%	1.339	60%	1.409			2.75	
Pure Premium Indicated by National Relativity		29%	1.052	20%	1.451			2.50	
Pure Premium Present on Rate Level		29%	1.027	20%	1.315			2.34	
Pure Premium Derived by Formula		1.165		1.399				2.56	

CLASS 8033		STORE: MEAT, GROCERY AND PROVISION STORES COMBINED-RETAIL NOC							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	359,508,264	31	2,365,832	146	1,946,072	1,493,158	2,287,774	8,092,836	2.25
1/04 through 12/04	385,044,161	29	2,470,914	121	1,404,281	2,468,563	2,081,545	8,425,303	2.19
1/05 through 12/05	428,321,097	26	1,342,799	134	2,101,660	761,546	2,810,959	7,016,964	1.64
1/06 through 12/06	474,715,856	30	1,429,247	132	1,697,527	2,589,557	2,669,512	8,385,843	1.77
1/07 through 12/07	516,076,433	31	1,908,072	123	2,194,778	1,971,922	3,134,567	9,209,339	1.78
5 YR. TOTAL	2,163,665,811	147	9,516,864	656	9,344,318	9,284,746	12,984,357	41,130,285	1.90
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		84%	0.872	100%	1.029			1.90	
Pure Premium Indicated by National Relativity		8%	0.937	0%	1.201			2.14	
Pure Premium Present on Rate Level		8%	0.882	0%	1.011			1.89	
Pure Premium Derived by Formula		0.878		1.029				1.91	

CLASS 8037 + +		STORE - SUPERSTORES AND WAREHOUSE CLUBS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000			0.00	
Pure Premium Present on Rate Level		100%	0.000	100%	0.000			0.00	
Pure Premium Derived by Formula		0.000		0.000				0.00	

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

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CLASS 8039		STORE: DEPARTMENT-RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	148,741,177	30	1,509,472	63	1,313,010	2,225,756	1,841,767	6,890,005	4.63
1/04 through 12/04	154,725,474	29	988,177	51	340,101	1,180,639	838,720	3,347,637	2.16
1/05 through 12/05	109,779,966	17	914,438	35	225,102	1,310,578	556,691	3,006,809	2.74
1/06 through 12/06	122,299,681	12	521,359	52	659,898	778,714	1,019,091	2,979,062	2.44
1/07 through 12/07	140,167,301	13	619,886	39	416,444	665,204	976,805	2,678,339	1.91
5 YR. TOTAL	675,713,599	101	4,553,332	240	2,954,555	6,160,891	5,233,074	18,901,852	2.80
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		57%	1.111	91%	1.686	2.80			
Pure Premium Indicated by National Relativity		21%	0.691	4%	1.113	1.80			
Pure Premium Present on Rate Level		22%	1.037	5%	1.764	2.80			
Pure Premium Derived by Formula		1.007		1.667		2.67			

CLASS 8044		STORE: FURNITURE & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	273,006,526	51	3,561,842	122	1,492,152	3,533,831	2,084,100	10,671,925	3.91
1/04 through 12/04	296,351,641	64	4,007,484	144	1,594,587	3,648,732	2,520,586	11,771,389	3.97
1/05 through 12/05	305,585,943	39	3,749,731	150	3,008,228	2,813,836	3,087,623	12,659,418	4.14
1/06 through 12/06	324,968,708	45	5,303,217	167	2,822,135	4,340,514	3,327,183	15,793,049	4.86
1/07 through 12/07	316,822,738	34	2,864,791	118	2,348,788	2,562,486	2,694,967	10,471,032	3.31
5 YR. TOTAL	1,516,735,556	233	19,487,065	701	11,265,890	16,899,399	13,714,459	61,366,813	4.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	2.028	100%	2.018	4.05			
Pure Premium Indicated by National Relativity		0%	1.548	0%	1.693	3.24			
Pure Premium Present on Rate Level		0%	2.043	0%	1.865	3.91			
Pure Premium Derived by Formula		2.028		2.018		4.05			

CLASS 8045		STORE: DRUG - RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	110,598,195	3	146,106	9	84,269	828,505	160,614	1,219,494	1.10
1/04 through 12/04	122,942,399	2	213,206	5	42,232	240,787	77,277	573,502	0.47
1/05 through 12/05	299,296,660	15	1,499,985	25	796,182	871,185	1,009,456	4,176,808	1.40
1/06 through 12/06	285,916,330	10	394,047	17	415,548	359,873	393,425	1,562,893	0.55
1/07 through 12/07	262,335,966	6	343,094	15	352,391	325,136	316,594	1,337,215	0.51
5 YR. TOTAL	1,081,089,550	36	2,596,438	71	1,690,622	2,625,486	1,957,366	8,869,912	0.82
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		44%	0.397	62%	0.424	0.82			
Pure Premium Indicated by National Relativity		28%	0.271	19%	0.339	0.61			
Pure Premium Present on Rate Level		28%	0.337	19%	0.420	0.76			
Pure Premium Derived by Formula		0.345		0.407		0.75			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 8046		STORE: AUTOMOBILE PARTS & ACCESSORIES- NOC & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	166,904,456	22	1,408,178	51	901,530	1,755,994	861,711	4,927,413	2.95
1/04 through 12/04	194,856,416	16	683,728	74	940,078	909,614	1,424,585	3,958,005	2.03
1/05 through 12/05	200,556,030	26	1,373,539	51	443,419	1,258,752	1,612,942	4,688,652	2.34
1/06 through 12/06	208,786,537	23	1,619,907	74	2,100,250	1,819,300	2,217,303	7,756,760	3.72
1/07 through 12/07	209,003,917	23	809,727	59	844,170	1,282,080	1,171,948	4,107,925	1.97
5 YR. TOTAL	980,107,356	110	5,895,079	309	5,229,447	7,025,740	7,288,489	25,438,755	2.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		69%	1.135	100%	1.460	2.60			
Pure Premium Indicated by National Relativity		15%	1.102	0%	1.414	2.52			
Pure Premium Present on Rate Level		16%	1.178	0%	1.635	2.81			
Pure Premium Derived by Formula		1.137		1.460		2.60			

CLASS 8047		STORE: DRUG-WHOLESALE							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	35,134,371	2	18,631	4	79,554	12,178	83,904	194,267	0.55
1/04 through 12/04	33,021,469	2	328,182	8	101,712	251,051	143,759	824,704	2.50
1/05 through 12/05	24,001,004	0	0	0	0	0	13,578	13,578	0.06
1/06 through 12/06	23,011,737	2	38,399	3	19,887	60,447	66,837	185,570	0.81
1/07 through 12/07	42,499,801	1	244,169	1	1,463	108,121	24,586	378,339	0.89
5 YR. TOTAL	157,668,382	7	629,381	16	202,616	431,797	332,664	1,596,458	1.01
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.528	29%	0.485	1.01			
Pure Premium Indicated by National Relativity		38%	0.505	35%	0.590	1.10			
Pure Premium Present on Rate Level		39%	0.478	36%	0.423	0.90			
Pure Premium Derived by Formula		0.500		0.499		1.00			

CLASS 8058		BUILDING MATERIAL DEALER-NEW MATERIALS ONLY: STORE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	159,692,233	29	1,164,162	67	959,719	1,087,070	1,741,711	4,952,662	3.10
1/04 through 12/04	180,825,705	32	1,323,720	63	920,569	1,625,994	1,521,009	5,391,292	2.98
1/05 through 12/05	201,683,319	11	563,883	50	858,565	606,930	1,349,754	3,379,132	1.68
1/06 through 12/06	200,338,122	23	1,189,513	49	667,799	1,619,237	1,532,416	5,008,965	2.50
1/07 through 12/07	191,463,351	22	858,844	58	1,118,645	1,137,271	1,543,007	4,657,767	2.43
5 YR. TOTAL	934,002,730	117	5,100,122	287	4,525,297	6,076,502	7,687,897	23,389,818	2.51
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		65%	1.031	97%	1.474	2.51			
Pure Premium Indicated by National Relativity		17%	1.330	1%	1.926	3.26			
Pure Premium Present on Rate Level		18%	1.078	2%	1.489	2.57			
Pure Premium Derived by Formula		1.090		1.479		2.57			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 8072		STORE: BOOK, RECORD, COMPACT DISC, SOFTWARE, VIDEO OR AUDIO CASSETTE RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	38,235,792	0	0	5	25,832	0	69,697	95,529	0.25
1/04 through 12/04	46,355,828	0	0	6	60,553	0	176,294	236,847	0.51
1/05 through 12/05	44,094,125	2	181,344	4	67,185	330,837	195,077	774,443	1.76
1/06 through 12/06	49,169,096	4	302,116	4	11,389	320,652	41,219	675,376	1.37
1/07 through 12/07	52,788,118	0	0	1	622	0	46,596	47,218	0.09
5 YR. TOTAL	230,642,959	6	483,460	20	165,581	651,489	528,883	1,829,413	0.79
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.281	38%	0.512	0.79			
Pure Premium Indicated by National Relativity		38%	0.259	31%	0.417	0.68			
Pure Premium Present on Rate Level		39%	0.309	31%	0.581	0.89			
Pure Premium Derived by Formula		0.284		0.504		0.79			

CLASS 8102		SEED MERCHANT							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	13,720,383	3	49,045	3	13,097	66,786	24,454	153,382	1.12
1/04 through 12/04	14,518,007	1	234,641	5	19,207	454,927	86,554	795,329	5.48
1/05 through 12/05	12,907,521	0	0	3	68,400	0	48,339	116,739	0.91
1/06 through 12/06	14,195,687	0	0	0	0	0	16,095	16,095	0.11
1/07 through 12/07	15,338,265	0	0	1	3,321	0	36,388	39,709	0.26
5 YR. TOTAL	70,679,863	4	283,686	12	104,025	521,713	211,830	1,121,254	1.59
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.549	32%	1.038	1.59			
Pure Premium Indicated by National Relativity		39%	1.094	34%	1.369	2.46			
Pure Premium Present on Rate Level		39%	0.937	34%	1.252	2.19			
Pure Premium Derived by Formula		0.913		1.223		2.14			

CLASS 8103		WOOL MERCHANT							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	9,226,459	0	0	2	5,992	0	10,813	16,805	0.18
1/04 through 12/04	8,872,003	0	0	1	8,623	0	9,162	17,785	0.20
1/05 through 12/05	8,240,685	0	0	4	7,040	0	30,698	37,738	0.46
1/06 through 12/06	7,680,594	0	0	1	234	0	3,062	3,296	0.04
1/07 through 12/07	7,010,310	0	0	2	10,522	0	35,777	46,299	0.66
5 YR. TOTAL	41,030,051	0	0	10	32,411	0	89,512	121,923	0.30
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	0.079	30%	0.218	0.30			
Pure Premium Indicated by National Relativity		31%	1.885	33%	1.969	3.85			
Pure Premium Present on Rate Level		50%	1.062	37%	1.730	2.79			
Pure Premium Derived by Formula		1.130		1.355		2.49			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 8105		STORE: HIDE DEALER							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	404,076	0	0	1	12,200	0	24,997	37,197	9.21
1/04 through 12/04	687,363	0	0	0	0	0	103	103	0.02
1/05 through 12/05	1,042,649	0	0	0	0	0	1,580	1,580	0.15
1/06 through 12/06	1,260,731	0	0	1	2,714	0	2,632	5,346	0.42
1/07 through 12/07	1,105,875	0	0	0	0	0	495	495	0.05
5 YR. TOTAL	4,500,694	0	0	2	14,914	0	29,807	44,721	0.99
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.331	13%	0.662	0.99			
Pure Premium Indicated by National Relativity		14%	1.142	14%	2.324	3.47			
Pure Premium Present on Rate Level		77%	1.574	73%	2.005	3.58			
Pure Premium Derived by Formula		1.402		1.875		3.28			

CLASS 8106		IRON OR STEEL MERCHANT & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	27,857,823	2	226,555	20	245,602	155,618	272,850	900,625	3.23
1/04 through 12/04	37,003,319	2	91,757	18	221,375	47,177	350,725	711,034	1.92
1/05 through 12/05	42,220,139	6	267,904	26	497,083	279,079	723,681	1,767,747	4.19
1/06 through 12/06	54,495,890	6	274,666	33	732,260	438,049	990,468	2,435,443	4.47
1/07 through 12/07	56,072,580	4	396,926	29	1,357,019	577,228	714,011	3,045,184	5.43
5 YR. TOTAL	217,649,751	20	1,257,808	126	3,053,339	1,497,151	3,051,735	8,860,033	4.07
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		49%	1.981	64%	2.090	4.07			
Pure Premium Indicated by National Relativity		25%	2.487	18%	3.004	5.49			
Pure Premium Present on Rate Level		26%	2.221	18%	2.280	4.50			
Pure Premium Derived by Formula		2.170		2.289		4.46			

CLASS 8107		MACHINERY DEALER NOC-STORE OR YARD-& DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	151,543,929	21	1,117,355	47	750,981	1,690,551	1,063,372	4,622,259	3.05
1/04 through 12/04	170,142,286	20	1,265,518	76	1,752,707	1,649,969	1,650,685	6,318,879	3.71
1/05 through 12/05	184,769,094	12	2,021,195	61	1,582,264	3,529,412	1,642,997	8,775,868	4.75
1/06 through 12/06	193,760,245	17	2,540,093	65	1,431,931	1,415,747	1,886,661	7,274,432	3.75
1/07 through 12/07	216,789,114	12	915,219	53	1,691,757	1,111,765	1,927,495	5,646,236	2.61
5 YR. TOTAL	917,004,668	82	7,859,380	302	7,209,640	9,397,444	8,171,210	32,637,674	3.56
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		80%	1.643	100%	1.916	3.56			
Pure Premium Indicated by National Relativity		10%	1.833	0%	1.844	3.68			
Pure Premium Present on Rate Level		10%	1.827	0%	2.009	3.84			
Pure Premium Derived by Formula		1.680		1.916		3.60			

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

NORTH CAROLINA

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CLASS 8111		PLUMBERS SUPPLIES DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	32,100,404	1	145,938	12	125,291	97,519	238,448	607,196	1.89
1/04 through 12/04	36,939,901	2	380,957	5	82,840	633,801	85,673	1,183,271	3.20
1/05 through 12/05	51,536,129	10	755,216	19	153,648	1,219,280	385,089	2,513,233	4.88
1/06 through 12/06	60,794,200	2	134,733	9	175,634	218,016	252,094	780,477	1.28
1/07 through 12/07	61,308,579	5	208,620	10	227,564	284,942	333,873	1,054,999	1.72
5 YR. TOTAL	242,679,213	20	1,625,464	55	764,977	2,453,558	1,295,177	6,139,176	2.53
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		41%	0.985		57%	1.545		2.53	
Pure Premium Indicated by National Relativity		29%	1.633		21%	1.841		3.47	
Pure Premium Present on Rate Level		30%	1.252		22%	1.510		2.76	
Pure Premium Derived by Formula			1.253			1.599		2.85	

CLASS 8116		FARM MACHINERY DEALER-ALL OPERATIONS & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	39,301,864	8	802,931	16	69,757	1,055,519	139,499	2,067,706	5.26
1/04 through 12/04	41,528,322	6	686,761	23	183,169	1,037,388	282,287	2,189,605	5.27
1/05 through 12/05	44,360,749	2	180,407	15	558,796	173,919	398,328	1,311,450	2.96
1/06 through 12/06	42,923,888	2	54,634	14	479,413	125,679	403,725	1,063,451	2.48
1/07 through 12/07	46,851,489	2	202,401	16	711,098	83,182	856,206	1,852,887	3.96
5 YR. TOTAL	214,966,312	20	1,927,134	84	2,002,233	2,475,687	2,080,045	8,485,099	3.95
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		41%	1.828		57%	2.119		3.95	
Pure Premium Indicated by National Relativity		29%	1.338		21%	1.510		2.85	
Pure Premium Present on Rate Level		30%	1.413		22%	1.706		3.12	
Pure Premium Derived by Formula			1.561			1.900		3.46	

CLASS 8203		ICE DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	7,250,195	2	176,611	6	69,682	567,857	57,536	871,686	12.02
1/04 through 12/04	6,368,367	1	4,075	1	11,525	6,977	34,060	56,637	0.89
1/05 through 12/05	7,060,410	0	0	6	17,763	0	64,707	82,470	1.17
1/06 through 12/06	7,334,676	0	0	2	6,929	0	8,704	15,633	0.21
1/07 through 12/07	8,099,653	1	102,211	2	10,645	45,523	15,164	173,543	2.14
5 YR. TOTAL	36,113,301	4	282,897	17	116,544	620,357	180,171	1,199,969	3.32
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		27%	1.106		38%	2.217		3.32	
Pure Premium Indicated by National Relativity		36%	3.035		31%	3.287		6.32	
Pure Premium Present on Rate Level		37%	2.986		31%	3.764		6.75	
Pure Premium Derived by Formula			2.496			3.028		5.52	

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

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EFFECTIVE 4/1/2011

CLASS 8204		BUILDING MATERIAL YARD & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,649,037	0	0	0	0	0	576	576	0.04
1/04 through 12/04	1,486,170	0	0	1	11,879	0	9,989	21,868	1.47
1/05 through 12/05	2,218,928	0	0	1	4,315	0	22,910	27,225	1.23
1/06 through 12/06	2,940,784	0	0	2	4,330	0	6,866	11,196	0.38
1/07 through 12/07	3,139,450	0	0	1	403	0	3,394	3,797	0.12
5 YR. TOTAL	11,434,369	0	0	5	20,927	0	43,735	64,662	0.57
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.183	16%	0.382	0.57			
Pure Premium Indicated by National Relativity		43%	1.639	42%	1.778	3.42			
Pure Premium Present on Rate Level		43%	1.747	42%	1.415	3.16			
Pure Premium Derived by Formula		1.482		1.402		2.88			

CLASS 8209		VEGETABLE PACKING & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	13,500,013	2	15,290	2	11,826	31,749	40,285	99,150	0.74
1/04 through 12/04	14,533,819	1	155,832	0	0	54,685	22,747	233,264	1.61
1/05 through 12/05	15,932,774	1	193,242	4	49,344	16,584	67,789	326,959	2.05
1/06 through 12/06	16,246,182	2	399,785	4	20,285	338,896	45,391	804,357	4.95
1/07 through 12/07	18,900,933	0	0	7	231,103	0	210,010	441,113	2.33
5 YR. TOTAL	79,113,721	6	764,149	17	312,558	441,914	386,222	1,904,843	2.41
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	1.361	36%	1.047	2.41			
Pure Premium Indicated by National Relativity		36%	1.859	32%	2.156	4.02			
Pure Premium Present on Rate Level		36%	1.475	32%	1.420	2.90			
Pure Premium Derived by Formula		1.581		1.521		3.10			

CLASS 8215		FEED, FERTILIZER, HAY, OR GRAIN DEALER & LOCAL MANAGERS, DRIVERS - NO MFG							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	38,522,567	8	494,690	8	106,234	502,900	159,493	1,263,317	3.28
1/04 through 12/04	39,413,505	3	52,161	7	99,758	185,484	203,678	541,081	1.37
1/05 through 12/05	31,154,759	3	163,630	11	360,320	155,696	365,946	1,045,592	3.36
1/06 through 12/06	33,938,847	2	498,929	8	253,001	470,506	274,282	1,496,718	4.41
1/07 through 12/07	34,741,367	4	457,452	11	194,993	579,806	264,163	1,496,414	4.31
5 YR. TOTAL	177,771,045	20	1,666,862	45	1,014,306	1,894,392	1,267,562	5,843,122	3.29
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	1.508	57%	1.779	3.29			
Pure Premium Indicated by National Relativity		30%	1.549	21%	1.977	3.53			
Pure Premium Present on Rate Level		30%	1.688	22%	2.086	3.77			
Pure Premium Derived by Formula		1.574		1.888		3.46			

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

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CLASS 8227		CONSTRUCTION OR ERECTION PERMANENT YARD							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	88,897,230	16	1,472,072	26	264,740	2,582,199	366,777	4,685,788	5.27
1/04 through 12/04	103,930,647	11	1,137,753	39	712,015	1,757,668	984,198	4,591,634	4.42
1/05 through 12/05	109,684,872	12	1,017,820	43	1,725,682	1,401,752	1,630,552	5,775,806	5.27
1/06 through 12/06	114,636,010	10	738,264	35	1,277,565	2,377,329	1,985,719	6,378,877	5.56
1/07 through 12/07	122,556,626	15	1,666,411	38	746,368	1,464,210	1,147,198	5,024,187	4.10
5 YR. TOTAL	539,705,385	64	6,032,320	181	4,726,370	9,583,158	6,114,444	26,456,292	4.90
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		70%	1.993	99%	2.909	4.90			
Pure Premium Indicated by National Relativity		15%	2.547	0%	2.622	5.17			
Pure Premium Present on Rate Level		15%	2.145	1%	2.682	4.83			
Pure Premium Derived by Formula		2.099		2.907		5.01			

CLASS 8232		LUMBERYARD NEW MATERIALS ONLY: ALL OTHER EMPLOYEES & YARD, WAREHOUSE, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	254,795,166	31	1,945,330	120	2,443,086	2,013,881	2,979,039	9,381,336	3.68
1/04 through 12/04	284,979,831	52	3,749,443	145	2,008,542	4,148,449	2,734,289	12,640,723	4.44
1/05 through 12/05	332,791,664	32	3,217,864	172	3,538,024	3,920,422	4,980,436	15,656,746	4.71
1/06 through 12/06	339,374,785	33	2,867,233	151	2,719,820	2,841,385	4,374,422	12,802,860	3.77
1/07 through 12/07	338,733,748	30	3,894,044	103	3,209,094	3,947,448	4,078,046	15,128,632	4.47
5 YR. TOTAL	1,550,675,194	178	15,673,914	691	13,918,566	16,871,585	19,146,232	65,610,297	4.23
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		99%	1.908	100%	2.323	4.23			
Pure Premium Indicated by National Relativity		0%	2.275	0%	2.468	4.74			
Pure Premium Present on Rate Level		1%	1.807	0%	2.059	3.87			
Pure Premium Derived by Formula		1.907		2.323		4.23			

CLASS 8233		COAL MERCHANT & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	219,828	0	0	0	0	0	0	0	0.00
1/04 through 12/04	175,057	0	0	0	0	0	65	65	0.04
1/05 through 12/05	2,158,377	0	0	1	26,066	0	35,715	61,781	2.86
1/06 through 12/06	1,664,463	0	0	0	0	0	0	0	0.00
1/07 through 12/07	514,444	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	4,732,169	0	0	1	26,066	0	35,780	61,846	1.31
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.551	13%	0.756	1.31			
Pure Premium Indicated by National Relativity		33%	2.567	35%	1.925	4.49			
Pure Premium Present on Rate Level		54%	3.681	52%	2.082	5.76			
Pure Premium Derived by Formula		2.906		1.855		4.76			

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

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CLASS 8235		SASH, DOOR OR ASSEMBLED MILLWORK DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,461,276	2	190,722	8	167,241	59,156	193,766	610,885	3.31
1/04 through 12/04	18,216,120	3	411,442	13	92,780	581,362	143,672	1,229,256	6.75
1/05 through 12/05	22,818,353	5	574,768	14	91,217	449,005	186,184	1,301,174	5.70
1/06 through 12/06	23,718,366	2	150,195	15	155,840	867,331	173,013	1,346,379	5.68
1/07 through 12/07	25,138,008	5	434,472	8	185,798	601,866	277,939	1,500,075	5.97
5 YR. TOTAL	108,352,123	17	1,761,599	58	692,876	2,558,720	974,574	5,987,769	5.53
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		37%	2.265	52%	3.261	5.53			
Pure Premium Indicated by National Relativity		31%	2.158	24%	2.294	4.45			
Pure Premium Present on Rate Level		32%	2.161	24%	2.738	4.90			
Pure Premium Derived by Formula		2.199		2.903		5.10			

CLASS 8236		READY MIXED CONCRETE DEALER - & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	70,533,165	10	898,623	30	652,549	663,386	911,602	3,126,160	4.43
1/04 through 12/04	67,429,981	3	152,297	16	478,359	122,805	438,956	1,192,417	1.77
1/05 through 12/05	86,287,053	13	1,731,599	30	846,086	1,386,086	1,105,974	5,069,745	5.88
1/06 through 12/06	83,192,905	12	1,832,726	27	924,726	2,131,264	1,164,304	6,053,020	7.28
1/07 through 12/07	86,096,848	7	1,325,334	36	1,272,516	756,186	1,164,885	4,518,921	5.25
5 YR. TOTAL	393,539,952	45	5,940,579	139	4,174,236	5,059,727	4,785,721	19,960,263	5.07
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		67%	2.570	89%	2.502	5.07			
Pure Premium Indicated by National Relativity		16%	3.309	5%	6.115	9.42			
Pure Premium Present on Rate Level		17%	2.757	6%	2.808	5.57			
Pure Premium Derived by Formula		2.720		2.701		5.42			

CLASS 8263		JUNK DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,826,993	2	99,007	2	1,774	247,219	4,496	352,496	19.29
1/04 through 12/04	2,271,693	1	211,815	0	0	259,831	293	471,939	20.78
1/05 through 12/05	2,511,901	0	0	0	0	0	3,282	3,282	0.13
1/06 through 12/06	2,699,620	0	0	0	0	0	4,557	4,557	0.17
1/07 through 12/07	1,761,162	0	0	0	0	0	479	479	0.03
5 YR. TOTAL	11,071,369	3	310,822	2	1,774	507,050	13,107	832,753	7.52
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	2.823	27%	4.698	7.52			
Pure Premium Indicated by National Relativity		39%	3.911	36%	4.301	8.21			
Pure Premium Present on Rate Level		40%	5.435	37%	5.072	10.51			
Pure Premium Derived by Formula		4.292		4.693		8.99			

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

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CLASS 8264		BOTTLE DEALER-USED & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,268,546	1	44,520	5	295,919	17,860	204,739	563,038	3.26
1/04 through 12/04	19,983,614	4	113,015	9	106,908	141,712	224,557	586,192	2.93
1/05 through 12/05	18,752,271	2	180,528	7	254,193	122,286	203,295	760,302	4.05
1/06 through 12/06	19,784,765	4	697,475	8	35,045	406,811	102,771	1,242,102	6.28
1/07 through 12/07	23,652,508	1	62,260	11	250,934	57,437	292,084	662,715	2.80
5 YR. TOTAL	99,441,704	12	1,097,798	40	942,999	746,106	1,027,446	3,814,349	3.84
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	2.052	50%	1.784	3.84			
Pure Premium Indicated by National Relativity		31%	2.617	25%	2.902	5.52			
Pure Premium Present on Rate Level		31%	2.683	25%	2.687	5.37			
Pure Premium Derived by Formula		2.423		2.289		4.71			

CLASS 8265		IRON OR STEEL SCRAP DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	19,328,647	0	0	14	626,434	0	842,623	1,469,057	7.60
1/04 through 12/04	24,136,296	2	70,216	9	299,374	86,065	283,743	739,398	3.06
1/05 through 12/05	29,185,077	8	903,759	17	143,149	1,667,476	379,952	3,094,336	10.60
1/06 through 12/06	34,764,787	7	473,146	16	362,962	771,350	754,608	2,362,066	6.79
1/07 through 12/07	46,214,511	7	490,814	32	501,064	1,636,742	871,844	3,500,464	7.57
5 YR. TOTAL	153,629,318	24	1,937,935	88	1,932,983	4,161,633	3,132,770	11,165,321	7.27
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		51%	2.520	73%	4.748	7.27			
Pure Premium Indicated by National Relativity		24%	3.091	13%	4.104	7.20			
Pure Premium Present on Rate Level		25%	3.433	14%	4.412	7.85			
Pure Premium Derived by Formula		2.885		4.617		7.50			

CLASS 8279		STABLE OR BREEDING FARM & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	4,713,637	1	14,644	4	77,442	43,294	210,236	345,616	7.33
1/04 through 12/04	4,892,274	1	47,018	3	34,626	7,679	111,332	200,655	4.10
1/05 through 12/05	5,038,824	2	26,688	4	34,682	24,337	63,719	149,426	2.97
1/06 through 12/06	4,727,702	2	106,195	2	15,903	81,930	63,381	267,409	5.66
1/07 through 12/07	5,553,288	1	238,627	4	24,084	130,959	99,693	493,363	8.88
5 YR. TOTAL	24,925,725	7	433,172	17	186,737	288,199	548,361	1,456,469	5.84
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	2.487	32%	3.356	5.84			
Pure Premium Indicated by National Relativity		38%	2.839	34%	3.858	6.70			
Pure Premium Present on Rate Level		38%	3.211	34%	3.479	6.69			
Pure Premium Derived by Formula		2.896		3.569		6.47			

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

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CLASS 8288		LIVESTOCK DEALER OR COMMISSION MERCHANT & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,014,355	0	0	1	378	0	18,071	18,449	0.61
1/04 through 12/04	2,384,316	0	0	2	1,135	0	9,750	10,885	0.46
1/05 through 12/05	2,170,891	0	0	0	0	0	2,522	2,522	0.12
1/06 through 12/06	2,260,199	0	0	2	19,165	0	55,840	75,005	3.32
1/07 through 12/07	3,781,321	1	107,511	2	6,179	174,462	26,251	314,403	8.32
5 YR. TOTAL	13,611,082	1	107,511	7	26,857	174,462	112,434	421,264	3.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.987	24%	2.108	3.10			
Pure Premium Indicated by National Relativity		41%	2.678	38%	4.707	7.39			
Pure Premium Present on Rate Level		42%	2.383	38%	3.231	5.61			
Pure Premium Derived by Formula		2.267		3.522		5.79			

CLASS 8291		STORAGE WAREHOUSE-COLD							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	11,343,591	3	91,354	14	276,005	270,191	384,487	1,022,037	9.01
1/04 through 12/04	11,411,816	3	127,842	10	81,342	706,385	143,030	1,058,599	9.28
1/05 through 12/05	11,951,980	4	681,253	9	136,889	509,180	501,675	1,828,997	15.30
1/06 through 12/06	11,792,905	1	86,823	8	59,634	153,677	83,331	383,465	3.25
1/07 through 12/07	12,686,282	0	0	6	27,557	0	101,948	129,505	1.02
5 YR. TOTAL	59,186,574	11	987,272	47	581,427	1,639,433	1,214,471	4,422,603	7.47
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	2.650	51%	4.822	7.47			
Pure Premium Indicated by National Relativity		34%	1.972	24%	2.402	4.37			
Pure Premium Present on Rate Level		35%	2.594	25%	4.634	7.23			
Pure Premium Derived by Formula		2.400		4.194		6.59			

CLASS 8292		STORAGE WAREHOUSE NOC							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	141,938,592	19	546,584	80	1,274,705	369,063	1,507,350	3,697,702	2.61
1/04 through 12/04	159,868,656	21	1,332,315	98	1,384,669	1,345,303	1,640,283	5,702,570	3.57
1/05 through 12/05	205,684,371	23	1,356,477	99	1,867,133	1,085,106	2,019,478	6,328,194	3.08
1/06 through 12/06	196,452,664	20	1,304,685	78	1,179,179	804,888	1,508,215	4,796,967	2.44
1/07 through 12/07	181,308,827	24	1,390,986	96	1,968,755	1,214,251	2,519,926	7,093,918	3.91
5 YR. TOTAL	885,253,110	107	5,931,047	451	7,674,441	4,818,611	9,195,252	27,619,351	3.12
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		77%	1.537	97%	1.583	3.12			
Pure Premium Indicated by National Relativity		11%	1.962	1%	2.332	4.29			
Pure Premium Present on Rate Level		12%	1.723	2%	1.561	3.28			
Pure Premium Derived by Formula		1.606		1.590		3.20			

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

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CLASS 8293		STORAGE WAREHOUSE-FURNITURE & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	70,775,806	28	1,573,042	90	1,419,840	1,056,779	1,372,190	5,421,851	7.66
1/04 through 12/04	70,699,555	26	1,917,335	76	1,854,620	1,783,702	1,191,551	6,747,208	9.54
1/05 through 12/05	71,608,422	26	1,124,996	63	1,025,014	723,877	1,205,709	4,079,596	5.70
1/06 through 12/06	80,328,711	30	3,551,310	110	2,126,810	2,213,875	2,218,720	10,110,715	12.59
1/07 through 12/07	79,329,621	20	3,150,481	70	1,879,927	1,379,642	1,990,451	8,400,501	10.59
5 YR. TOTAL	372,742,115	130	11,317,164	409	8,306,211	7,157,875	7,978,621	34,759,871	9.33
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		83%	5.265	100%	4.061	9.33			
Pure Premium Indicated by National Relativity		8%	4.545	0%	4.566	9.11			
Pure Premium Present on Rate Level		9%	4.923	0%	4.071	8.99			
Pure Premium Derived by Formula		5.177		4.061		9.24			

CLASS 8304		GRAIN ELEVATOR OPERATION & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,836,076	0	0	1	3,609	0	8,601	12,210	0.67
1/04 through 12/04	1,850,317	0	0	0	0	0	2,405	2,405	0.13
1/05 through 12/05	2,013,045	0	0	0	0	0	551	551	0.03
1/06 through 12/06	1,861,010	0	0	1	5,206	0	7,806	13,012	0.70
1/07 through 12/07	1,747,631	0	0	1	10,783	0	21,896	32,679	1.87
5 YR. TOTAL	9,308,079	0	0	3	19,598	0	41,259	60,857	0.65
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.211	19%	0.443	0.65			
Pure Premium Indicated by National Relativity		42%	3.476	40%	3.527	7.00			
Pure Premium Present on Rate Level		43%	2.694	41%	2.626	5.32			
Pure Premium Derived by Formula		2.650		2.572		5.22			

CLASS 8350		GASOLINE DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	118,835,584	20	1,128,312	81	1,406,016	1,251,277	1,704,129	5,489,734	4.62
1/04 through 12/04	121,168,238	23	2,140,359	66	2,351,364	1,724,156	2,225,615	8,441,494	6.97
1/05 through 12/05	124,090,520	31	3,433,077	70	1,930,815	4,830,604	1,925,635	12,120,131	9.77
1/06 through 12/06	133,430,564	26	3,270,541	71	2,084,451	4,379,880	2,368,033	12,102,905	9.07
1/07 through 12/07	132,991,272	26	3,468,371	64	1,936,675	2,672,421	2,288,193	10,365,660	7.79
5 YR. TOTAL	630,516,178	126	13,440,660	352	9,709,321	14,858,338	10,511,605	48,519,924	7.70
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		88%	3.672	100%	4.024	7.70			
Pure Premium Indicated by National Relativity		6%	3.161	0%	3.020	6.18			
Pure Premium Present on Rate Level		6%	3.328	0%	3.372	6.70			
Pure Premium Derived by Formula		3.621		4.024		7.65			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 8380		AUTOMOBILE SERVICE OR REPAIR CENTER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	924,591,591	106	8,649,881	305	5,588,942	7,497,477	6,614,858	28,351,158	3.07
1/04 through 12/04	1,037,969,084	89	6,222,349	315	7,621,881	6,853,421	7,121,548	27,819,199	2.68
1/05 through 12/05	1,028,212,334	87	6,348,375	305	6,542,555	5,316,272	7,416,131	25,623,333	2.49
1/06 through 12/06	1,080,825,842	92	8,301,937	325	7,477,819	8,432,010	8,503,929	32,715,695	3.03
1/07 through 12/07	1,217,067,977	66	5,765,054	302	7,373,988	6,309,825	8,399,160	27,848,027	2.29
5 YR. TOTAL	5,288,666,828	440	35,287,596	1,552	34,605,185	34,409,005	38,055,626	142,357,412	2.69
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	1.322	100%	1.370	2.69			
Pure Premium Indicated by National Relativity		0%	1.372	0%	1.428	2.80			
Pure Premium Present on Rate Level		0%	1.434	0%	1.379	2.81			
Pure Premium Derived by Formula		1.322		1.370		2.69			

CLASS 8381		GASOLINE STATION:SELF-SERVICE ONLY-RETAIL							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	15,305,992	1	18,926	4	55,929	63,632	105,247	243,734	1.59
1/04 through 12/04	17,592,786	0	0	5	86,339	0	166,093	252,432	1.44
1/05 through 12/05	24,534,061	4	389,901	5	40,374	397,243	71,544	899,062	3.67
1/06 through 12/06	24,479,311	6	405,921	5	152,692	452,339	184,150	1,195,102	4.88
1/07 through 12/07	19,162,387	3	106,448	4	44,478	72,672	101,279	324,877	1.70
5 YR. TOTAL	101,074,537	14	921,196	23	379,812	985,886	628,313	2,915,207	2.88
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	1.287	37%	1.597	2.88			
Pure Premium Indicated by National Relativity		37%	1.092	31%	1.232	2.32			
Pure Premium Present on Rate Level		37%	0.975	32%	1.224	2.20			
Pure Premium Derived by Formula		1.099		1.364		2.46			

CLASS 8385		BUS CO.: GARAGE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	34,588,675	6	716,277	11	321,564	668,064	406,341	2,112,246	6.11
1/04 through 12/04	28,712,882	5	280,781	13	64,255	221,611	213,682	780,329	2.72
1/05 through 12/05	35,001,673	7	1,123,468	14	305,219	1,034,070	310,504	2,773,261	7.92
1/06 through 12/06	43,328,604	6	347,406	7	169,758	355,267	172,930	1,045,361	2.41
1/07 through 12/07	38,165,334	2	46,994	15	241,397	52,235	324,691	665,317	1.74
5 YR. TOTAL	179,797,168	26	2,514,926	60	1,102,193	2,331,247	1,428,148	7,376,514	4.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		43%	2.012	57%	2.091	4.10			
Pure Premium Indicated by National Relativity		28%	1.428	21%	1.597	3.03			
Pure Premium Present on Rate Level		29%	1.910	22%	2.039	3.95			
Pure Premium Derived by Formula		1.819		1.976		3.80			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 8392		AUTOMOBILE STORAGE GARAGE, PARKING LOT OR PARKING STATION, VALET SERVICE, CASHIERS OR COUNTER PERSONNEL & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	13,016,861	3	44,089	4	17,858	72,920	68,960	203,827	1.57
1/04 through 12/04	12,650,884	1	9,276	7	23,058	3,422	57,865	93,621	0.74
1/05 through 12/05	14,247,993	2	323,020	4	28,154	399,745	98,767	849,686	5.96
1/06 through 12/06	16,044,975	2	257,436	1	34,493	59,987	97,256	449,172	2.80
1/07 through 12/07	17,428,632	2	37,929	6	49,968	122,435	95,911	306,243	1.76
5 YR. TOTAL	73,389,345	10	671,750	22	153,531	658,509	418,759	1,902,549	2.59
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	1.125	34%	1.468	2.59			
Pure Premium Indicated by National Relativity		37%	1.193	33%	1.556	2.75			
Pure Premium Present on Rate Level		38%	1.216	33%	1.413	2.63			
Pure Premium Derived by Formula		1.185		1.479		2.66			

CLASS 8393		AUTOMOBILE BODY REPAIR							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	118,679,452	5	419,907	34	265,011	448,408	440,507	1,573,833	1.33
1/04 through 12/04	121,203,450	10	1,137,052	29	532,455	1,840,381	554,392	4,064,280	3.35
1/05 through 12/05	157,399,116	6	1,078,836	32	942,323	498,901	634,619	3,154,679	2.00
1/06 through 12/06	139,675,206	4	389,895	24	603,872	418,956	508,588	1,921,311	1.38
1/07 through 12/07	164,695,425	6	813,370	24	677,551	842,943	581,711	2,915,575	1.77
5 YR. TOTAL	701,652,649	31	3,839,060	143	3,021,212	4,049,589	2,719,817	13,629,678	1.94
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		61%	0.978	73%	0.965	1.94			
Pure Premium Indicated by National Relativity		19%	1.086	13%	1.021	2.11			
Pure Premium Present on Rate Level		20%	1.205	14%	0.964	2.17			
Pure Premium Derived by Formula		1.044		0.972		2.02			

CLASS 8500		METAL SCRAP DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,533,123	0	0	3	169,387	0	95,602	264,989	17.28
1/04 through 12/04	1,794,734	0	0	2	3,759	0	7,178	10,937	0.61
1/05 through 12/05	2,109,122	0	0	0	0	0	2,050	2,050	0.10
1/06 through 12/06	3,016,282	1	14,274	1	3,590	9,944	2,832	30,640	1.02
1/07 through 12/07	5,991,007	2	110,431	3	88,367	87,778	86,160	372,736	6.22
5 YR. TOTAL	14,444,268	3	124,705	9	265,103	97,722	193,822	681,352	4.72
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	2.699	27%	2.018	4.72			
Pure Premium Indicated by National Relativity		40%	2.811	36%	3.338	6.15			
Pure Premium Present on Rate Level		40%	3.506	37%	3.798	7.30			
Pure Premium Derived by Formula		3.067		3.152		6.22			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 8601		ARCHITECTURAL OR ENGINEERING FIRM - INCLUDING SALESPERSONS & DRIVERS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	663,704,273	16	1,223,838	59	893,155	1,137,624	1,287,834	4,542,451	0.68
1/04 through 12/04	695,272,398	12	1,715,837	75	1,031,991	1,137,397	1,562,868	5,448,093	0.78
1/05 through 12/05	764,013,406	15	1,262,753	79	1,469,188	1,690,248	1,500,420	5,922,609	0.78
1/06 through 12/06	866,385,432	18	2,213,134	67	1,707,166	1,989,567	1,585,169	7,495,036	0.87
1/07 through 12/07	967,751,380	18	2,213,309	58	1,530,686	1,277,326	1,686,370	6,707,691	0.69
5 YR. TOTAL	3,957,126,889	79	8,628,871	338	6,632,186	7,232,162	7,622,661	30,115,880	0.76
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		77%	0.386	100%	0.375	0.76			
Pure Premium Indicated by National Relativity		11%	0.299	0%	0.341	0.64			
Pure Premium Present on Rate Level		12%	0.360	0%	0.354	0.71			
Pure Premium Derived by Formula		0.373		0.375		0.75			

CLASS 8602 + +		SURVEYORS, TIMBER CRUISERS, OIL OR GAS GEOLOGISTS OR SCOUTS, & DRIVERS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.360	100%	0.354	0.71			
Pure Premium Derived by Formula		0.360		0.354		0.71			

CLASS 8603 + +		ARCHITECTURAL OR ENGINEERING FIRM - CLERICAL							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.097	100%	0.103	0.20			
Pure Premium Derived by Formula		0.097		0.103		0.20			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 8606		GEOPHYSICAL EXPLORATION-SEISMIC-ALL EMPLOYEES & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	2,273,698	0	0	0	0	0	1,967	1,967	0.09
1/04 through 12/04	2,526,617	1	188,726	0	0	99,792	1,317	289,835	11.47
1/05 through 12/05	3,832,587	1	100,794	0	0	141,645	8,104	250,543	6.54
1/06 through 12/06	3,558,338	0	0	1	13,244	0	25,933	39,177	1.10
1/07 through 12/07	3,710,290	0	0	2	26,556	0	55,483	82,039	2.21
5 YR. TOTAL	15,901,530	2	289,520	3	39,800	241,437	92,804	663,561	4.17
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	2.071	19%	2.102	4.17			
Pure Premium Indicated by National Relativity		40%	1.746	40%	1.774	3.52			
Pure Premium Present on Rate Level		43%	2.157	41%	1.425	3.58			
Pure Premium Derived by Formula		1.978		1.693		3.67			

CLASS 8710		FIELD BONDED WAREHOUSING -ALL EMPLOYEES & CLERICAL							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	6,491	0	0	0	0	0	0	0	0.00
1/04 through 12/04	3,860	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	43,034	0	0	0	0	0	0	0	0.00
1/07 through 12/07	25,320	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	78,705	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	2%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		98%	1.451	98%	1.025	2.48			
Pure Premium Derived by Formula		1.422		1.005		2.43			

CLASS 8719		STEVEDORING: TALLIERS AND CHECKING CLERKS ENGAGED IN CONNECTION WITH STEVEDORE WORK							
Industry Group: Goods and Services Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	244,059	0	0	0	0	0	0	0	0.00
1/04 through 12/04	179,553	0	0	0	0	0	0	0	0.00
1/05 through 12/05	148,642	0	0	0	0	0	0	0	0.00
1/06 through 12/06	74,768	0	0	0	0	0	0	0	0.00
1/07 through 12/07	84,346	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	731,368	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		29%	1.666	31%	1.540	3.21			
Pure Premium Present on Rate Level		67%	1.180	65%	0.877	2.06			
Pure Premium Derived by Formula		1.274		1.047		2.32			

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

NORTH CAROLINA

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CLASS 8720		INSPECTION OF RISKS FOR INSURANCE OR VALUATION PURPOSES NOC							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	67,646,080	2	31,661	9	471,699	146,093	392,252	1,041,705	1.54
1/04 through 12/04	63,938,134	3	217,002	9	156,749	142,585	139,554	655,890	1.03
1/05 through 12/05	67,191,679	4	66,723	8	679,699	119,181	412,289	1,277,892	1.90
1/06 through 12/06	73,861,076	1	101,873	8	168,299	119,087	175,593	564,852	0.77
1/07 through 12/07	80,615,434	5	181,182	12	674,473	292,107	303,201	1,450,963	1.80
5 YR. TOTAL	353,252,403	15	598,441	46	2,150,919	819,053	1,422,889	4,991,302	1.41
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	0.778	49%	0.635	1.41			
Pure Premium Indicated by National Relativity		31%	0.824	25%	0.881	1.71			
Pure Premium Present on Rate Level		31%	0.721	26%	0.722	1.44			
Pure Premium Derived by Formula		0.775		0.719		1.49			

CLASS 8721		REAL ESTATE APPRAISAL COMPANIES-OUTSIDE EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	12,111,385	1	13,866	1	1,591	21,075	482	37,014	0.31
1/04 through 12/04	11,163,231	1	320,709	0	0	358,687	0	679,396	6.09
1/05 through 12/05	17,594,229	0	0	0	0	0	925	925	0.01
1/06 through 12/06	29,398,692	0	0	0	0	0	2,123	2,123	0.01
1/07 through 12/07	49,114,804	0	0	3	26,835	0	85,505	112,340	0.23
5 YR. TOTAL	119,382,341	2	334,575	4	28,426	379,762	89,035	831,798	0.70
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.304	22%	0.393	0.70			
Pure Premium Indicated by National Relativity		31%	0.114	33%	0.144	0.26			
Pure Premium Present on Rate Level		53%	0.218	45%	0.267	0.49			
Pure Premium Derived by Formula		0.200		0.254		0.45			

CLASS 8725 + +		INVENTORY COUNTERS - TRAVELING - INCLUDING SALESPERSONS & CLERICAL							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.721	100%	0.722	1.44			
Pure Premium Derived by Formula		0.721		0.722		1.44			

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

NORTH CAROLINA

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CLASS 8742		SALESPERSONS OR COLLECTORS-OUTSIDE							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	6,200,676,071	116	7,999,213	272	5,733,274	8,633,886	6,805,702	29,172,075	0.47
1/04 through 12/04	6,625,317,364	104	6,648,733	227	4,434,702	5,215,440	5,845,340	22,144,215	0.33
1/05 through 12/05	7,290,779,135	101	6,007,108	229	5,605,331	5,972,992	7,016,085	24,601,516	0.34
1/06 through 12/06	7,695,619,754	89	7,028,117	213	5,482,686	6,892,532	7,435,302	26,838,637	0.35
1/07 through 12/07	8,234,931,027	93	9,577,376	195	4,943,460	10,256,485	6,090,268	30,867,589	0.38
5 YR. TOTAL	36,047,323,351	503	37,260,547	1,136	26,199,453	36,971,335	33,192,697	133,624,032	0.37
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.176	100%	0.195	0.37			
Pure Premium Indicated by National Relativity		0%	0.173	0%	0.198	0.37			
Pure Premium Present on Rate Level		0%	0.176	0%	0.186	0.36			
Pure Premium Derived by Formula		0.176		0.195		0.37			

CLASS 8745		NEWS AGENT OR DISTRIBUTOR OF MAGAZINES OR OTHER PERIODICALS-NOT RETAIL DEALER- & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	7,237,497	5	396,325	5	75,198	262,023	70,462	804,008	11.11
1/04 through 12/04	8,125,782	1	20,027	3	23,855	57,252	88,898	190,032	2.34
1/05 through 12/05	8,683,231	0	0	5	19,169	0	61,755	80,924	0.93
1/06 through 12/06	7,336,904	1	150,551	4	21,660	230,509	45,868	448,588	6.11
1/07 through 12/07	8,312,337	2	37,192	2	14,360	109,168	31,385	192,105	2.31
5 YR. TOTAL	39,695,751	9	604,095	19	154,242	658,952	298,368	1,715,657	4.32
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	1.910	33%	2.412	4.32			
Pure Premium Indicated by National Relativity		37%	2.091	33%	2.897	4.99			
Pure Premium Present on Rate Level		38%	2.283	34%	2.351	4.63			
Pure Premium Derived by Formula		2.119		2.551		4.67			

CLASS 8748		AUTOMOBILE SALESPERSONS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	287,022,067	8	405,602	9	639,422	160,650	685,859	1,891,533	0.66
1/04 through 12/04	329,338,987	8	665,742	21	425,235	534,249	319,953	1,945,179	0.59
1/05 through 12/05	324,962,764	4	539,840	11	303,536	524,870	344,477	1,712,723	0.53
1/06 through 12/06	329,630,640	4	24,561	20	1,141,301	25,765	644,935	1,836,562	0.56
1/07 through 12/07	376,263,047	8	544,618	23	464,041	616,818	555,124	2,180,601	0.58
5 YR. TOTAL	1,647,217,505	32	2,180,363	84	2,973,535	1,862,352	2,550,348	9,566,598	0.58
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		54%	0.313	64%	0.268	0.58			
Pure Premium Indicated by National Relativity		23%	0.281	18%	0.300	0.58			
Pure Premium Present on Rate Level		23%	0.354	18%	0.275	0.63			
Pure Premium Derived by Formula		0.315		0.275		0.59			

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

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CLASS 8755		LABOR UNION-ALL EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	8,929,503	1	6,119	0	0	1,556	0	7,675	0.09
1/04 through 12/04	13,496,485	0	0	0	0	0	0	0	0.00
1/05 through 12/05	8,478,019	0	0	0	0	0	0	0	0.00
1/06 through 12/06	8,466,767	1	24,713	0	0	23,743	0	48,456	0.57
1/07 through 12/07	18,137,565	0	0	0	0	0	1,262	1,262	0.01
5 YR. TOTAL	57,508,339	2	30,832	0	0	25,299	1,262	57,393	0.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.054	12%	0.046	0.10			
Pure Premium Indicated by National Relativity		43%	0.258	44%	0.226	0.48			
Pure Premium Present on Rate Level		46%	0.181	44%	0.133	0.31			
Pure Premium Derived by Formula		0.200		0.163		0.36			

CLASS 8799 + +		MAILING OR ADDRESSING COMPANY OR LETTER SERVICE SHOP - CLERICAL STAFF							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	0.368	100%	0.412	0.78			
Pure Premium Derived by Formula		0.368		0.412		0.78			

CLASS 8800		MAILING OR ADDRESSING COMPANY OR LETTER SERVICE SHOP							
Industry Group: Office and Clerical Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	38,034,046	1	43,242	3	24,761	21,858	33,237	123,098	0.32
1/04 through 12/04	21,908,325	0	0	4	11,526	0	38,936	50,462	0.23
1/05 through 12/05	22,473,274	1	649	1	2,540	1,359	7,816	12,364	0.06
1/06 through 12/06	24,695,501	2	50,853	1	1,623	4,033	14,573	71,082	0.29
1/07 through 12/07	27,442,328	0	0	1	10,028	0	37,099	47,127	0.17
5 YR. TOTAL	134,553,474	4	94,744	10	50,478	27,250	131,661	304,133	0.23
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.108	28%	0.118	0.23			
Pure Premium Indicated by National Relativity		40%	0.592	36%	0.749	1.34			
Pure Premium Present on Rate Level		40%	0.368	36%	0.412	0.78			
Pure Premium Derived by Formula		0.406		0.451		0.86			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 8803		AUDITOR, ACCOUNTANT, OR COMPUTER SYSTEM DESIGNER OR PROGRAMMER - TRAVELING							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	1,091,585,309	4	537,618	8	131,790	405,105	237,341	1,311,854	0.12
1/04 through 12/04	1,205,524,738	8	130,686	12	45,266	149,453	128,178	453,583	0.04
1/05 through 12/05	1,270,686,530	8	432,303	7	71,671	446,597	107,423	1,057,994	0.08
1/06 through 12/06	1,436,822,907	5	575,468	8	120,420	367,113	147,117	1,210,118	0.08
1/07 through 12/07	1,501,626,389	2	194,353	9	255,984	327,761	237,080	1,015,178	0.07
5 YR. TOTAL	6,506,245,873	27	1,870,428	44	625,131	1,696,029	857,139	5,048,727	0.08
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	0.038	53%	0.039	0.08			
Pure Premium Indicated by National Relativity		30%	0.038	23%	0.046	0.08			
Pure Premium Present on Rate Level		30%	0.043	24%	0.043	0.09			
Pure Premium Derived by Formula		0.040		0.042		0.08			

CLASS 8810		CLERICAL OFFICE EMPLOYEES NOC							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	23,731,162,255	279	18,070,975	717	11,623,144	14,785,187	14,264,109	58,743,415	0.25
1/04 through 12/04	24,118,229,324	266	15,131,859	740	12,435,977	14,577,265	15,400,292	57,545,393	0.24
1/05 through 12/05	27,570,069,756	226	14,924,088	631	10,383,825	12,714,449	13,904,638	51,927,000	0.19
1/06 through 12/06	30,272,302,159	182	11,063,366	534	10,392,197	12,047,053	14,839,213	48,341,829	0.16
1/07 through 12/07	33,249,245,791	159	8,507,100	580	11,723,134	9,501,510	15,527,097	45,258,841	0.14
5 YR. TOTAL	138,941,009,285	1,112	67,697,388	3,202	56,558,277	63,625,464	73,935,349	261,816,478	0.19
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.089	100%	0.099	0.19			
Pure Premium Indicated by National Relativity		0%	0.087	0%	0.109	0.20			
Pure Premium Present on Rate Level		0%	0.097	0%	0.103	0.20			
Pure Premium Derived by Formula		0.089		0.099		0.19			

CLASS 8820		ATTORNEY-ALL EMPLOYEES & CLERICAL, MESSENGERS, DRIVERS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	849,633,806	6	195,832	19	487,164	169,854	635,141	1,487,991	0.18
1/04 through 12/04	908,978,303	9	461,570	21	325,959	851,810	342,923	1,982,262	0.22
1/05 through 12/05	974,996,283	7	185,157	22	133,209	380,627	292,087	991,080	0.10
1/06 through 12/06	1,051,133,503	7	223,957	17	399,096	550,477	494,503	1,668,033	0.16
1/07 through 12/07	1,158,648,657	5	448,191	7	52,857	560,017	123,730	1,184,795	0.10
5 YR. TOTAL	4,943,390,552	34	1,514,707	86	1,398,285	2,512,785	1,888,384	7,314,161	0.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		47%	0.059	62%	0.089	0.15			
Pure Premium Indicated by National Relativity		26%	0.083	19%	0.091	0.17			
Pure Premium Present on Rate Level		27%	0.085	19%	0.086	0.17			
Pure Premium Derived by Formula		0.072		0.089		0.16			

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

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CLASS 8824		RETIREMENT LIVING CENTERS: HEALTH CARE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	232,529,728	43	2,048,838	132	1,463,026	1,783,277	1,928,251	7,223,392	3.11
1/04 through 12/04	197,351,864	38	1,853,130	104	1,358,462	1,699,907	1,837,169	6,748,668	3.42
1/05 through 12/05	186,058,983	36	1,943,441	75	1,081,708	2,104,013	1,674,581	6,803,743	3.66
1/06 through 12/06	208,226,689	24	2,022,929	75	1,321,505	1,671,620	2,257,519	7,273,573	3.49
1/07 through 12/07	238,255,662	36	2,693,684	92	1,420,937	2,424,919	2,129,103	8,668,643	3.64
5 YR. TOTAL	1,062,422,926	177	10,562,022	478	6,645,638	9,683,736	9,826,623	36,718,019	3.46
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		82%	1.620	100%	1.836	3.46			
Pure Premium Indicated by National Relativity		9%	1.514	0%	1.944	3.46			
Pure Premium Present on Rate Level		9%	1.688	0%	1.708	3.40			
Pure Premium Derived by Formula		1.617		1.836		3.45			

CLASS 8825		RETIREMENT LIVING CENTERS: FOOD SERVICE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	58,317,684	1	23,203	14	248,851	39,326	287,128	598,508	1.03
1/04 through 12/04	59,855,437	9	490,397	24	481,353	560,888	554,509	2,087,147	3.49
1/05 through 12/05	64,653,766	3	115,352	25	465,684	98,422	496,996	1,176,454	1.82
1/06 through 12/06	71,676,135	7	249,764	25	220,459	113,223	404,282	987,728	1.38
1/07 through 12/07	80,958,510	7	403,450	25	319,172	420,559	403,456	1,546,637	1.91
5 YR. TOTAL	335,461,532	27	1,282,166	113	1,735,519	1,232,418	2,146,371	6,396,474	1.91
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	0.900	56%	1.007	1.91			
Pure Premium Indicated by National Relativity		30%	0.880	22%	1.215	2.10			
Pure Premium Present on Rate Level		30%	0.899	22%	1.055	1.95			
Pure Premium Derived by Formula		0.894		1.063		1.96			

CLASS 8826		RETIREMENT LIVING CENTERS: ALL OTHER EMPLOYEES, SALESPERSONS & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	76,237,424	16	676,725	29	190,539	726,191	524,014	2,117,469	2.78
1/04 through 12/04	76,831,181	6	670,243	26	381,709	789,227	439,264	2,280,443	2.97
1/05 through 12/05	84,800,957	11	832,974	35	701,942	542,004	855,506	2,932,426	3.46
1/06 through 12/06	94,072,010	14	1,196,667	33	480,062	930,841	814,376	3,421,946	3.64
1/07 through 12/07	134,463,055	14	615,908	43	467,117	849,372	1,028,715	2,961,112	2.20
5 YR. TOTAL	466,404,627	61	3,992,517	166	2,221,369	3,837,635	3,661,875	13,713,396	2.94
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		54%	1.332	75%	1.608	2.94			
Pure Premium Indicated by National Relativity		23%	1.198	12%	1.658	2.86			
Pure Premium Present on Rate Level		23%	1.337	13%	1.568	2.91			
Pure Premium Derived by Formula		1.302		1.609		2.91			

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

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CLASS 8831		HOSPITAL-VETERINARY & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	176,557,472	3	161,441	44	596,772	202,960	1,181,999	2,143,172	1.21
1/04 through 12/04	187,760,291	10	628,153	49	265,406	589,991	907,836	2,391,386	1.27
1/05 through 12/05	208,825,012	10	649,268	47	442,805	915,528	1,337,857	3,345,458	1.60
1/06 through 12/06	233,168,733	9	821,480	57	394,944	965,999	1,672,359	3,854,782	1.65
1/07 through 12/07	256,796,382	8	210,233	41	760,325	163,305	1,563,971	2,697,834	1.05
5 YR. TOTAL	1,063,107,890	40	2,470,575	238	2,460,252	2,837,783	6,664,022	14,432,632	1.36
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		50%	0.464	83%	0.894	1.36			
Pure Premium Indicated by National Relativity		25%	0.528	8%	1.026	1.55			
Pure Premium Present on Rate Level		25%	0.484	9%	0.876	1.36			
Pure Premium Derived by Formula		0.485		0.903		1.39			

CLASS 8832		PHYSICIAN & CLERICAL							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,293,689,198	49	3,483,512	94	1,389,466	3,749,836	2,385,887	11,008,701	0.33
1/04 through 12/04	3,508,978,969	48	3,312,458	133	2,486,112	2,966,702	3,323,547	12,088,819	0.34
1/05 through 12/05	3,819,687,284	64	3,134,392	122	2,139,248	2,886,974	3,019,914	11,180,528	0.29
1/06 through 12/06	4,092,940,757	50	2,571,645	123	3,563,140	3,001,547	3,230,907	12,367,239	0.30
1/07 through 12/07	4,533,049,422	52	3,799,602	143	3,298,459	3,291,748	4,563,601	14,953,410	0.33
5 YR. TOTAL	19,248,345,630	263	16,301,609	615	12,876,425	15,896,807	16,523,856	61,598,697	0.32
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.152	100%	0.168	0.32			
Pure Premium Indicated by National Relativity		0%	0.157	0%	0.189	0.35			
Pure Premium Present on Rate Level		0%	0.146	0%	0.159	0.31			
Pure Premium Derived by Formula		0.152		0.168		0.32			

CLASS 8833		HOSPITAL: PROFESSIONAL EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	912,874,580	56	4,639,074	152	2,114,937	5,081,610	3,012,058	14,847,679	1.63
1/04 through 12/04	1,064,406,835	82	6,211,276	184	3,013,710	4,927,191	3,950,902	18,103,079	1.70
1/05 through 12/05	1,131,788,087	68	5,046,192	159	3,052,902	4,302,022	3,709,970	16,111,086	1.42
1/06 through 12/06	1,257,775,393	61	5,706,772	189	3,661,833	4,704,081	5,046,048	19,118,734	1.52
1/07 through 12/07	1,185,841,544	53	4,632,871	153	2,136,565	3,772,624	3,578,345	14,120,405	1.19
5 YR. TOTAL	5,552,686,439	320	26,236,185	837	13,979,947	22,787,528	19,297,323	82,300,983	1.48
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.724	100%	0.758	1.48			
Pure Premium Indicated by National Relativity		0%	0.527	0%	0.615	1.14			
Pure Premium Present on Rate Level		0%	0.659	0%	0.740	1.40			
Pure Premium Derived by Formula		0.724		0.758		1.48			

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

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CLASS 8835		HOME, PUBLIC, AND TRAVELING HEALTHCARE--ALL EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	406,809,235	69	4,285,787	175	1,304,994	3,330,180	2,193,987	11,114,948	2.73
1/04 through 12/04	420,353,736	70	3,703,754	151	1,941,609	3,319,702	2,282,299	11,247,364	2.68
1/05 through 12/05	450,426,878	69	4,877,795	145	1,447,721	4,955,918	1,831,825	13,113,259	2.91
1/06 through 12/06	567,486,371	71	4,686,475	175	1,885,941	4,225,118	2,757,766	13,555,300	2.39
1/07 through 12/07	696,290,984	79	4,532,815	178	2,608,829	3,983,801	3,122,925	14,248,370	2.05
5 YR. TOTAL	2,541,367,204	358	22,086,626	824	9,189,094	19,814,719	12,188,802	63,279,241	2.49
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	1.231	100%	1.259			2.49	
Pure Premium Indicated by National Relativity		0%	1.263	0%	1.374			2.64	
Pure Premium Present on Rate Level		0%	1.271	0%	1.276			2.55	
Pure Premium Derived by Formula		1.231		1.259				2.49	

CLASS 8842 + +		GROUP HOMES-ALL EMPLOYEES & SALESPERSONS, DRIVERS							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.000	0%	0.000			0.00	
Pure Premium Indicated by National Relativity		50%	1.161	50%	1.789			2.95	
Pure Premium Present on Rate Level		50%	0.773	50%	0.941			1.71	
Pure Premium Derived by Formula		0.967		1.365				2.33	

CLASS 8848		DOMICILIARY HOMES-ALL EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	169,525,524	24	984,453	93	1,545,962	780,963	1,660,687	4,972,065	2.93
1/04 through 12/04	163,504,448	26	1,189,285	88	775,667	1,294,467	1,093,685	4,353,104	2.66
1/05 through 12/05	171,727,638	23	1,324,856	84	918,814	988,507	1,301,638	4,533,815	2.64
1/06 through 12/06	199,149,584	29	1,778,387	92	1,228,467	1,266,948	1,553,824	5,827,626	2.93
1/07 through 12/07	150,497,931	25	1,038,933	48	633,865	716,497	1,076,309	3,465,604	2.30
5 YR. TOTAL	854,405,125	127	6,315,914	405	5,102,775	5,047,382	6,686,143	23,152,214	2.71
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		70%	1.336	94%	1.373			2.71	
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000			0.00	
Pure Premium Present on Rate Level		30%	1.390	6%	1.495			2.89	
Pure Premium Derived by Formula		1.352		1.380				2.73	

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

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CLASS 8849		NURSING HOME-ALL EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	573,119,729	77	3,408,230	276	3,557,168	3,279,477	4,087,065	14,331,940	2.50
1/04 through 12/04	664,717,521	102	5,935,052	273	3,837,947	5,505,501	4,931,653	20,210,153	3.04
1/05 through 12/05	747,534,691	100	6,032,514	278	4,787,237	5,369,533	4,815,494	21,004,778	2.81
1/06 through 12/06	752,150,886	83	5,654,958	282	4,473,006	4,989,818	4,676,435	19,794,217	2.63
1/07 through 12/07	932,389,012	126	8,865,936	351	6,429,865	6,600,508	7,592,718	29,489,027	3.16
5 YR. TOTAL	3,669,911,839	488	29,896,690	1,460	23,085,223	25,744,837	26,103,365	104,830,115	2.86
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	1.444	100%	1.413	2.86			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		0%	1.461	0%	1.383	2.84			
Pure Premium Derived by Formula		1.444		1.413		2.86			

CLASS 8864		SOCIAL SERVICES ORGANIZATION-ALL EMPLOYEES & SALESPERSONS, DRIVERS							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	562,787,632	71	2,924,906	205	1,653,964	3,485,400	2,416,579	10,480,849	1.86
1/04 through 12/04	555,156,276	45	1,865,245	179	1,820,316	2,197,406	2,792,656	8,675,623	1.56
1/05 through 12/05	572,738,485	54	2,788,866	173	1,825,994	2,003,370	2,364,465	8,982,695	1.57
1/06 through 12/06	600,952,317	40	1,681,531	153	2,367,561	1,983,445	3,212,904	9,245,441	1.54
1/07 through 12/07	813,221,327	73	5,078,960	152	2,652,742	4,858,688	3,763,460	16,353,850	2.01
5 YR. TOTAL	3,104,856,037	283	14,339,508	862	10,320,577	14,528,309	14,550,064	53,738,458	1.73
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		95%	0.794	100%	0.937	1.73			
Pure Premium Indicated by National Relativity		2%	0.797	0%	1.154	1.95			
Pure Premium Present on Rate Level		3%	0.773	0%	0.941	1.71			
Pure Premium Derived by Formula		0.793		0.937		1.73			

CLASS 8868		COLLEGE: PROFESSIONAL EMPLOYEES & CLERICAL							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	2,280,976,284	76	1,160,861	181	1,553,746	1,644,188	3,047,247	7,406,042	0.33
1/04 through 12/04	2,475,204,446	54	2,329,617	189	2,008,183	2,601,617	3,706,041	10,645,458	0.43
1/05 through 12/05	2,958,436,605	95	2,344,635	269	1,831,738	3,452,818	3,781,003	11,410,194	0.39
1/06 through 12/06	3,205,664,815	83	2,022,117	231	2,074,861	3,617,118	4,596,195	12,310,291	0.38
1/07 through 12/07	3,298,569,564	94	2,567,852	261	2,261,681	2,634,172	4,173,313	11,637,018	0.35
5 YR. TOTAL	14,218,851,714	402	10,425,082	1,131	9,730,209	13,949,913	19,303,799	53,409,003	0.38
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		90%	0.142	100%	0.234	0.38			
Pure Premium Indicated by National Relativity		5%	0.153	0%	0.236	0.39			
Pure Premium Present on Rate Level		5%	0.146	0%	0.225	0.37			
Pure Premium Derived by Formula		0.143		0.234		0.38			

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

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CLASS 8869 + +		CHILD CARE CENTER - ALL EMPLOYEES INCLUDING CLERICAL, SALESPERSONS & DRIVERS							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	301,871,379	11	569,445	59	524,852	887,834	836,754	2,818,885	0.93
1/04 through 12/04	327,826,537	12	105,478	71	517,650	308,110	920,984	1,852,222	0.57
1/05 through 12/05	370,626,864	20	507,300	58	691,273	1,052,008	1,302,556	3,553,137	0.96
1/06 through 12/06	409,403,857	15	783,616	81	951,235	888,483	1,231,899	3,855,233	0.94
1/07 through 12/07	430,421,383	8	156,978	59	846,061	203,765	1,416,683	2,623,487	0.61
5 YR. TOTAL	1,840,150,020	66	2,122,817	328	3,531,071	3,340,200	5,708,876	14,702,964	0.80
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		55%	0.307	86%	0.492			0.80	
Pure Premium Indicated by National Relativity		22%	0.321	7%	0.534			0.86	
Pure Premium Present on Rate Level		23%	0.328	7%	0.519			0.85	
Pure Premium Derived by Formula		0.315		0.497				0.81	

CLASS 8871		CLERICAL TELECOMMUTER EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	13,592,218	0	0	2	8,251	0	10,121	18,372	0.14
1/04 through 12/04	27,478,272	1	1,316	0	0	403	1,242	2,961	0.01
1/05 through 12/05	34,501,603	2	96,925	0	0	283,516	1,428	381,869	1.11
1/06 through 12/06	44,418,369	0	0	0	0	0	7,670	7,670	0.02
1/07 through 12/07	67,105,087	1	149,932	0	0	55,266	1,532	206,730	0.31
5 YR. TOTAL	187,095,549	4	248,173	2	8,251	339,185	21,993	617,602	0.33
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		15%	0.137	18%	0.193			0.33	
Pure Premium Indicated by National Relativity		32%	0.147	34%	0.147			0.29	
Pure Premium Present on Rate Level		53%	0.123	48%	0.105			0.23	
Pure Premium Derived by Formula		0.133		0.135				0.27	

CLASS 8901		TELECOMMUNICATIONS CO.: OFFICE OR EXCHANGE EMPLOYEES & CLERICAL							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	621,135,155	11	487,212	25	354,224	594,482	323,994	1,759,912	0.28
1/04 through 12/04	527,024,620	11	969,463	17	222,111	1,367,838	257,403	2,816,815	0.53
1/05 through 12/05	715,079,303	1	22,976	15	172,694	43,025	252,702	491,397	0.07
1/06 through 12/06	615,653,014	1	317,416	15	592,004	134,965	343,893	1,388,278	0.23
1/07 through 12/07	654,594,205	4	237,522	6	115,947	165,849	167,548	686,866	0.11
5 YR. TOTAL	3,133,486,297	28	2,034,589	78	1,456,980	2,306,159	1,345,540	7,143,268	0.23
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		43%	0.111	58%	0.117			0.23	
Pure Premium Indicated by National Relativity		28%	0.109	21%	0.119			0.23	
Pure Premium Present on Rate Level		29%	0.107	21%	0.112			0.22	
Pure Premium Derived by Formula		0.109		0.116				0.23	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 9012		BUILDINGS-OPERATION BY OWNER, LESSEE, OR REAL ESTATE MANAGEMENT FIRM: PROF. EMPLOYEES, PROPERTY MANAGERS AND LEASING AGENTS & CLERICAL, SALESPERSONS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	271,414,088	18	849,624	49	904,890	644,180	1,015,982	3,414,676	1.26
1/04 through 12/04	319,143,812	15	1,548,472	43	1,622,537	1,120,659	1,817,494	6,109,162	1.92
1/05 through 12/05	368,806,582	15	831,981	48	1,192,835	834,568	1,393,715	4,253,099	1.15
1/06 through 12/06	405,893,680	16	1,172,568	49	1,111,448	641,439	1,207,543	4,132,998	1.02
1/07 through 12/07	452,010,745	16	2,392,816	45	860,272	2,455,970	1,026,234	6,735,292	1.49
5 YR. TOTAL	1,817,268,907	80	6,795,461	234	5,691,982	5,696,816	6,460,968	24,645,227	1.36
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		69%	0.687	89%	0.669			1.36	
Pure Premium Indicated by National Relativity		15%	0.571	5%	0.602			1.17	
Pure Premium Present on Rate Level		16%	0.591	6%	0.570			1.16	
Pure Premium Derived by Formula		0.654		0.660				1.31	

CLASS 9014		JANITORIAL SERVICES BY CONTRACTORS - NO WINDOW CLEANING ABOVE GROUND LEVEL & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	388,366,341	51	1,943,962	140	1,879,407	1,810,939	2,293,680	7,927,988	2.04
1/04 through 12/04	426,074,982	49	3,021,072	170	2,899,351	2,202,614	3,103,198	11,226,235	2.64
1/05 through 12/05	453,661,343	50	2,809,162	157	2,740,531	4,035,913	3,036,439	12,622,045	2.78
1/06 through 12/06	464,303,469	48	2,471,062	175	2,886,344	2,627,415	3,205,364	11,190,185	2.41
1/07 through 12/07	532,383,876	60	4,234,632	160	3,146,732	4,125,649	4,377,201	15,884,214	2.98
5 YR. TOTAL	2,264,790,011	258	14,479,890	802	13,552,365	14,802,530	16,015,882	58,850,667	2.60
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		100%	1.238	100%	1.361			2.60	
Pure Premium Indicated by National Relativity		0%	1.466	0%	1.739			3.21	
Pure Premium Present on Rate Level		0%	1.336	0%	1.416			2.75	
Pure Premium Derived by Formula		1.238		1.361				2.60	

CLASS 9015		BUILDINGS - OPERATION BY OWNER OR LESSEE OR REAL ESTATE MANAGEMENT FIRM: ALL OTHER EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	300,660,637	48	3,246,650	109	2,130,478	2,570,554	2,251,287	10,198,969	3.39
1/04 through 12/04	313,735,227	29	1,753,421	117	1,946,630	1,879,426	2,137,862	7,717,339	2.46
1/05 through 12/05	334,019,847	27	988,188	101	2,365,538	969,885	2,896,398	7,220,009	2.16
1/06 through 12/06	357,423,592	36	3,306,040	99	1,856,842	2,887,168	2,863,469	10,913,519	3.05
1/07 through 12/07	383,700,612	38	3,861,289	114	3,429,527	3,211,539	3,283,088	13,785,443	3.59
5 YR. TOTAL	1,689,539,915	178	13,155,588	540	11,729,015	11,518,572	13,432,104	49,835,279	2.95
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		90%	1.473	100%	1.477			2.95	
Pure Premium Indicated by National Relativity		5%	1.522	0%	1.679			3.20	
Pure Premium Present on Rate Level		5%	1.339	0%	1.321			2.66	
Pure Premium Derived by Formula		1.469		1.477				2.95	

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

NORTH CAROLINA

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CLASS 9016		AMUSEMENT PARK OR EXHIBITION OPERATION AND DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,954,319	3	118,296	10	64,023	349,966	198,219	730,504	3.85
1/04 through 12/04	16,101,079	2	60,204	8	114,953	48,900	157,968	382,025	2.37
1/05 through 12/05	21,452,903	3	108,107	11	217,697	109,092	528,133	963,029	4.49
1/06 through 12/06	24,842,106	1	31,383	15	327,350	55,419	496,875	911,027	3.67
1/07 through 12/07	25,467,750	4	319,388	16	190,433	279,578	322,676	1,112,075	4.37
5 YR. TOTAL	106,818,157	13	637,378	60	914,456	842,955	1,703,871	4,098,660	3.84
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		29%	1.453		47%	2.384		3.84	
Pure Premium Indicated by National Relativity		35%	1.200		26%	1.843		3.04	
Pure Premium Present on Rate Level		36%	1.206		27%	2.076		3.28	
Pure Premium Derived by Formula			1.276			2.160		3.44	

CLASS 9019		BRIDGE OR VEHICULAR TUNNEL OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	387,973	0	0	0	0	0	0	0	0.00
1/04 through 12/04	527,057	0	0	0	0	0	122	122	0.02
1/05 through 12/05	554,709	0	0	0	0	0	0	0	0.00
1/06 through 12/06	437,935	0	0	0	0	0	11,971	11,971	2.73
1/07 through 12/07	447,895	0	0	2	45,135	0	36,650	81,785	18.26
5 YR. TOTAL	2,355,569	0	0	2	45,135	0	48,743	93,878	3.99
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	1.916		7%	2.069		3.99	
Pure Premium Indicated by National Relativity		16%	0.445		16%	0.711		1.16	
Pure Premium Present on Rate Level		78%	1.020		77%	0.840		1.86	
Pure Premium Derived by Formula			0.982			0.905		1.89	

CLASS 9033		HOUSING AUTHORITY & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	18,764,651	2	6,274	5	177,768	2,422	142,205	328,669	1.75
1/04 through 12/04	20,762,573	2	262,509	2	13,446	149,932	37,198	463,085	2.23
1/05 through 12/05	12,483,292	0	0	6	165,304	0	95,856	261,160	2.09
1/06 through 12/06	13,204,494	0	0	2	89,979	0	47,386	137,365	1.04
1/07 through 12/07	9,846,382	1	2,883	1	176,726	13,648	48,535	241,792	2.46
5 YR. TOTAL	75,061,392	5	271,666	16	623,223	166,002	371,180	1,432,071	1.91
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		25%	1.192		30%	0.716		1.91	
Pure Premium Indicated by National Relativity		37%	1.202		35%	1.217		2.42	
Pure Premium Present on Rate Level		38%	1.174		35%	0.965		2.14	
Pure Premium Derived by Formula			1.189			0.979		2.17	

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

NORTH CAROLINA

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CLASS 9040		HOSPITAL: ALL OTHER EMPLOYEES							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	77,818,962	12	265,099	35	376,877	392,907	612,494	1,647,377	2.12
1/04 through 12/04	92,278,872	13	1,395,947	40	249,422	990,529	588,776	3,224,674	3.49
1/05 through 12/05	126,605,723	12	602,842	57	1,009,466	1,051,714	1,259,157	3,923,179	3.10
1/06 through 12/06	101,741,458	9	525,489	31	155,785	637,404	446,525	1,765,203	1.74
1/07 through 12/07	95,015,599	7	491,591	42	791,319	257,280	932,871	2,473,061	2.60
5 YR. TOTAL	493,460,614	53	3,280,968	205	2,582,869	3,329,834	3,839,823	13,033,494	2.64
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		57%	1.188	81%	1.453	2.64			
Pure Premium Indicated by National Relativity		21%	1.730	9%	2.420	4.15			
Pure Premium Present on Rate Level		22%	1.431	10%	1.770	3.20			
Pure Premium Derived by Formula		1.355		1.572		2.93			

CLASS 9044		CASINO GAMBLING-HOTEL-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		50%	0.765	50%	0.990	1.76			
Pure Premium Present on Rate Level		50%	0.694	50%	0.891	1.59			
Pure Premium Derived by Formula		0.730		0.941		1.67			

CLASS 9052		HOTEL: ALL OTHER EMPLOYEES & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	356,809,564	46	1,982,459	116	1,688,427	1,812,899	1,799,745	7,283,530	2.04
1/04 through 12/04	373,361,685	47	2,100,412	119	1,223,762	2,714,168	2,164,810	8,203,152	2.20
1/05 through 12/05	394,005,824	42	1,740,548	110	1,127,720	1,838,349	2,116,406	6,823,023	1.73
1/06 through 12/06	411,288,220	38	1,300,498	129	1,705,228	1,585,446	2,572,000	7,163,172	1.74
1/07 through 12/07	441,673,734	37	2,074,791	134	1,850,853	2,534,996	3,161,035	9,621,675	2.18
5 YR. TOTAL	1,977,139,027	210	9,198,708	608	7,595,990	10,485,858	11,813,996	39,094,552	1.98
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		80%	0.849	100%	1.128	1.98			
Pure Premium Indicated by National Relativity		10%	0.990	0%	1.324	2.31			
Pure Premium Present on Rate Level		10%	0.841	0%	1.011	1.85			
Pure Premium Derived by Formula		0.862		1.128		1.99			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 9058		HOTEL: RESTAURANT EMPLOYEES							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	93,394,047	7	393,100	20	108,489	301,308	319,568	1,122,465	1.20
1/04 through 12/04	162,300,742	14	245,121	32	409,300	348,657	593,778	1,596,856	0.98
1/05 through 12/05	126,484,898	14	469,783	28	350,182	822,147	812,514	2,454,626	1.94
1/06 through 12/06	109,145,238	7	233,443	21	122,487	383,307	363,654	1,102,891	1.01
1/07 through 12/07	115,610,850	4	248,164	25	241,621	158,043	448,453	1,096,281	0.95
5 YR. TOTAL	606,935,775	46	1,589,611	126	1,232,079	2,013,462	2,537,967	7,373,119	1.22
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	0.465	60%	0.750	1.22			
Pure Premium Indicated by National Relativity		29%	0.649	20%	0.887	1.54			
Pure Premium Present on Rate Level		30%	0.531	20%	0.676	1.21			
Pure Premium Derived by Formula		0.538		0.763		1.30			

CLASS 9059 + +		CHILD DAY CARE CENTER: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	16,995,142	6	290,756	6	21,255	416,576	70,118	798,705	4.70
1/04 through 12/04	18,272,044	4	167,660	17	224,351	191,329	274,507	857,847	4.69
1/05 through 12/05	21,327,759	2	207,685	12	121,836	93,423	222,173	645,117	3.03
1/06 through 12/06	21,578,950	5	173,270	14	242,585	122,724	462,948	1,001,527	4.64
1/07 through 12/07	23,670,267	6	1,268,035	10	192,758	437,055	245,728	2,143,576	9.06
5 YR. TOTAL	101,844,162	23	2,107,406	59	802,785	1,261,107	1,275,474	5,446,772	5.35
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	2.857	39%	2.491	5.35			
Pure Premium Indicated by National Relativity		37%	1.421	30%	2.156	3.58			
Pure Premium Present on Rate Level		37%	0.949	31%	1.382	2.33			
Pure Premium Derived by Formula		1.620		2.047		3.67			

CLASS 9060		CLUB-COUNTRY, GOLF, FISHING OR YACHT-& CLERICAL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	340,488,702	25	1,314,129	81	1,225,047	1,683,841	1,639,980	5,862,997	1.72
1/04 through 12/04	365,141,547	24	734,302	79	1,214,123	674,418	1,385,324	4,008,167	1.10
1/05 through 12/05	381,118,542	20	988,925	87	1,062,988	1,030,048	2,031,595	5,113,556	1.34
1/06 through 12/06	401,114,098	31	1,155,840	104	1,116,124	1,435,200	1,918,711	5,625,875	1.40
1/07 through 12/07	425,129,588	26	1,553,611	94	1,130,069	1,706,663	2,105,636	6,495,979	1.53
5 YR. TOTAL	1,912,992,477	126	5,746,807	445	5,748,351	6,530,170	9,081,246	27,106,574	1.42
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		70%	0.601	100%	0.816	1.42			
Pure Premium Indicated by National Relativity		15%	0.653	0%	0.865	1.52			
Pure Premium Present on Rate Level		15%	0.621	0%	0.780	1.40			
Pure Premium Derived by Formula		0.612		0.816		1.43			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 9061		CLUB NOC & CLERICAL							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	26,402,644	1	39,780	6	53,823	0	158,398	252,001	0.96
1/04 through 12/04	25,317,519	3	195,871	10	30,122	291,050	117,755	634,798	2.51
1/05 through 12/05	25,408,072	0	0	5	78,300	0	168,039	246,339	0.97
1/06 through 12/06	21,964,075	0	0	3	87,679	0	99,158	186,837	0.85
1/07 through 12/07	28,854,617	1	13,414	3	74,046	6,409	51,058	144,927	0.50
5 YR. TOTAL	127,946,927	5	249,065	27	323,970	297,459	594,408	1,464,902	1.15
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	0.448		35%	0.697		1.15	
Pure Premium Indicated by National Relativity		38%	0.695		32%	0.924		1.62	
Pure Premium Present on Rate Level		39%	0.590		33%	0.852		1.44	
Pure Premium Derived by Formula		0.597			0.821			1.42	

CLASS 9062	CASINO GAMBLING-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS								
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,575,594	0	0	0	0	0	0	0	0.00
1/04 through 12/04	1,188,553	0	0	0	0	0	1,308	1,308	0.11
1/05 through 12/05	877,043	0	0	0	0	0	1,753	1,753	0.20
1/06 through 12/06	1,018,030	0	0	0	0	0	0	0	0.00
1/07 through 12/07	918,772	0	0	1	24,833	0	20,555	45,388	4.94
5 YR. TOTAL	5,577,992	0	0	1	24,833	0	23,616	48,449	0.87
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		7%	0.445		10%	0.423		0.87	
Pure Premium Indicated by National Relativity		46%	0.771		45%	0.980		1.75	
Pure Premium Present on Rate Level		47%	0.619		45%	0.803		1.42	
Pure Premium Derived by Formula		0.677			0.845			1.52	

CLASS 9063		YMCA, YWCA, YMHA OR YWHA, INSTITUTION - ALL EMPLOYEES & CLERICAL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	154,532,958	5	118,243	29	114,684	55,887	431,391	720,205	0.47
1/04 through 12/04	164,835,824	2	154,004	37	346,908	285,565	1,121,580	1,908,057	1.16
1/05 through 12/05	179,950,967	3	37,497	28	310,811	159,622	699,920	1,207,850	0.67
1/06 through 12/06	199,612,911	12	811,320	26	247,765	1,745,126	721,617	3,525,828	1.77
1/07 through 12/07	201,482,389	11	494,058	28	316,390	722,545	784,779	2,317,772	1.15
5 YR. TOTAL	900,415,049	33	1,615,122	148	1,336,558	2,968,745	3,759,287	9,679,712	1.08
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		39%	0.328		68%	0.747		1.08	
Pure Premium Indicated by National Relativity		30%	0.344		16%	0.570		0.91	
Pure Premium Present on Rate Level		31%	0.303		16%	0.637		0.94	
Pure Premium Derived by Formula		0.325			0.701			1.03	

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 9082		RESTAURANT NOC							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,374,479,657	89	2,794,358	552	4,245,624	3,856,405	7,892,097	18,788,484	1.37
1/04 through 12/04	1,413,948,165	90	4,165,657	501	4,350,624	4,349,491	7,735,995	20,601,767	1.46
1/05 through 12/05	1,555,704,157	118	5,533,808	505	3,494,760	6,913,021	8,019,908	23,961,497	1.54
1/06 through 12/06	1,716,471,034	89	3,921,043	466	4,368,526	4,510,602	8,128,971	20,929,142	1.22
1/07 through 12/07	1,760,949,675	96	4,152,904	522	5,199,770	5,897,520	9,225,662	24,475,856	1.39
5 YR. TOTAL	7,821,552,688	482	20,567,770	2,546	21,659,304	25,527,039	41,002,633	108,756,746	1.39
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.540	100%	0.851	1.39			
Pure Premium Indicated by National Relativity		0%	0.648	0%	0.979	1.63			
Pure Premium Present on Rate Level		0%	0.555	0%	0.836	1.39			
Pure Premium Derived by Formula		0.540		0.851		1.39			

CLASS 9083		RESTAURANT: FAST FOOD							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	690,750,317	59	1,972,831	234	1,528,214	2,673,046	2,715,468	8,889,559	1.29
1/04 through 12/04	710,092,360	52	2,298,578	230	1,548,042	2,376,869	3,311,602	9,535,091	1.34
1/05 through 12/05	728,949,972	45	1,875,703	232	1,414,177	2,497,119	2,862,510	8,649,509	1.19
1/06 through 12/06	823,219,175	61	2,728,194	261	2,335,132	2,934,727	3,987,640	11,985,693	1.46
1/07 through 12/07	933,210,399	59	3,010,731	238	3,679,467	3,921,315	5,339,911	15,951,424	1.71
5 YR. TOTAL	3,886,222,223	276	11,886,037	1,195	10,505,032	14,403,076	18,217,131	55,011,276	1.42
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		91%	0.576	100%	0.839	1.42			
Pure Premium Indicated by National Relativity		4%	0.603	0%	0.959	1.56			
Pure Premium Present on Rate Level		5%	0.584	0%	0.766	1.35			
Pure Premium Derived by Formula		0.577		0.839		1.42			

CLASS 9084		BAR, DISCOTHEQUE, LOUNGE, NIGHT CLUB OR TAVERN							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	19,615,902	0	0	5	116,931	0	74,166	191,097	0.97
1/04 through 12/04	18,420,225	1	3,045	6	22,395	14,571	127,841	167,852	0.91
1/05 through 12/05	16,008,193	0	0	1	346	0	17,188	17,534	0.11
1/06 through 12/06	17,444,902	0	0	5	78,663	0	55,275	133,938	0.77
1/07 through 12/07	22,109,380	0	0	0	0	0	66,316	66,316	0.30
5 YR. TOTAL	93,598,602	1	3,045	17	218,335	14,571	340,786	576,737	0.62
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.237	28%	0.380	0.62			
Pure Premium Indicated by National Relativity		40%	0.721	36%	1.046	1.77			
Pure Premium Present on Rate Level		40%	0.585	36%	0.683	1.27			
Pure Premium Derived by Formula		0.570		0.729		1.30			

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

NORTH CAROLINA

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EFFECTIVE 4/1/2011

CLASS 9089		BILLIARD HALL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	1,118,049	0	0	0	0	0	0	0	0.00
1/04 through 12/04	1,893,766	0	0	0	0	0	289	289	0.02
1/05 through 12/05	1,461,924	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,029,876	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,215,255	1	31,234	0	0	41,108	0	72,342	5.95
5 YR. TOTAL	6,718,870	1	31,234	0	0	41,108	289	72,631	1.08
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.465	7%	0.616	1.08			
Pure Premium Indicated by National Relativity		18%	0.341	19%	0.430	0.77			
Pure Premium Present on Rate Level		76%	0.322	74%	0.272	0.59			
Pure Premium Derived by Formula		0.334		0.326		0.66			

CLASS 9093		ROLLER-SKATING RINK OPERATION							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	17,655,892	1	57,514	8	31,251	163,538	77,216	329,519	1.87
1/04 through 12/04	17,416,808	1	3,471	6	74,457	0	216,525	294,453	1.69
1/05 through 12/05	18,749,214	2	158,957	4	16,281	260,323	59,042	494,603	2.64
1/06 through 12/06	19,071,070	0	0	6	19,173	0	74,618	93,791	0.49
1/07 through 12/07	18,992,227	1	30,993	3	32,306	21,647	93,115	178,061	0.94
5 YR. TOTAL	91,885,211	5	250,935	27	173,468	445,508	520,516	1,390,427	1.51
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.462	31%	1.051	1.51			
Pure Premium Indicated by National Relativity		39%	0.589	34%	0.913	1.50			
Pure Premium Present on Rate Level		40%	0.606	35%	0.877	1.48			
Pure Premium Derived by Formula		0.569		0.943		1.51			

CLASS 9101		COLLEGE: ALL OTHER EMPLOYEES							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	318,044,140	57	2,202,540	173	1,354,187	2,202,463	2,446,315	8,205,505	2.58
1/04 through 12/04	336,246,644	68	2,554,726	231	1,365,023	4,082,061	2,992,178	10,993,988	3.27
1/05 through 12/05	460,842,012	82	3,730,862	269	2,097,677	4,360,368	3,366,921	13,555,828	2.94
1/06 through 12/06	488,117,590	74	4,589,334	271	2,894,013	4,891,695	4,572,309	16,947,351	3.47
1/07 through 12/07	480,213,034	52	3,439,453	221	3,283,155	3,498,676	4,760,442	14,981,726	3.12
5 YR. TOTAL	2,083,463,420	333	16,516,915	1,165	10,994,055	19,035,263	18,138,165	64,684,398	3.10
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	1.320	100%	1.784	3.10			
Pure Premium Indicated by National Relativity		0%	1.564	0%	2.042	3.61			
Pure Premium Present on Rate Level		0%	1.418	0%	1.763	3.18			
Pure Premium Derived by Formula		1.320		1.784		3.10			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 9102		PARK NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	136,004,142	9	977,074	49	423,855	1,085,580	839,490	3,325,999	2.45
1/04 through 12/04	159,275,320	9	609,565	57	473,508	702,236	1,040,264	2,825,573	1.77
1/05 through 12/05	172,477,045	23	1,018,343	45	629,087	2,167,632	932,299	4,747,361	2.75
1/06 through 12/06	196,813,768	14	1,222,371	59	732,895	1,614,707	1,461,951	5,031,924	2.56
1/07 through 12/07	215,361,570	15	1,772,906	56	1,467,255	788,966	1,621,764	5,650,891	2.62
5 YR. TOTAL	879,931,845	70	5,600,259	266	3,726,600	6,359,121	5,895,768	21,581,748	2.45
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		67%	1.060	94%	1.393	2.45			
Pure Premium Indicated by National Relativity		16%	1.402	3%	1.780	3.18			
Pure Premium Present on Rate Level		17%	1.181	3%	1.437	2.62			
Pure Premium Derived by Formula		1.135		1.406		2.54			

CLASS 9154		THEATER NOC: ALL OTHER EMPLOYEES							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	42,625,825	3	411,876	10	164,066	385,793	300,285	1,262,020	2.96
1/04 through 12/04	40,833,716	1	36,813	8	35,181	0	115,812	187,806	0.46
1/05 through 12/05	45,027,256	3	33,022	15	110,954	98,050	213,300	455,326	1.01
1/06 through 12/06	46,132,429	2	100,314	10	148,206	76,960	457,329	782,809	1.70
1/07 through 12/07	48,729,525	3	492,086	13	328,942	214,448	370,797	1,406,273	2.89
5 YR. TOTAL	223,348,751	12	1,074,111	56	787,349	775,251	1,457,523	4,094,234	1.83
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		35%	0.833	48%	1.000	1.83			
Pure Premium Indicated by National Relativity		32%	0.874	26%	1.117	1.99			
Pure Premium Present on Rate Level		33%	0.911	26%	1.040	1.95			
Pure Premium Derived by Formula		0.872		1.041		1.91			

CLASS 9156		THEATER NOC: PLAYERS, ENTERTAINERS OR MUSICIANS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	14,960,381	3	394,514	6	28,798	103,784	71,489	598,585	4.00
1/04 through 12/04	14,221,343	2	17,399	7	233,419	197,975	228,866	677,659	4.77
1/05 through 12/05	16,771,326	1	160,212	6	52,396	0	105,036	317,644	1.89
1/06 through 12/06	17,639,608	1	101,548	6	105,475	168,251	97,686	472,960	2.68
1/07 through 12/07	17,678,170	2	399,511	7	413,318	123,076	343,388	1,279,293	7.24
5 YR. TOTAL	81,270,828	9	1,073,184	32	833,406	593,086	846,465	3,346,141	4.12
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	2.346	34%	1.771	4.12			
Pure Premium Indicated by National Relativity		38%	0.813	33%	1.127	1.94			
Pure Premium Present on Rate Level		38%	0.917	33%	1.149	2.07			
Pure Premium Derived by Formula		1.220		1.353		2.57			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 9170 ++		JANITORIAL SERVICES BY CONTRACTORS - INCLUDES WINDOW CLEANING ABOVE GROUND LEVEL & DRIVERS							
Industry Group: Goods and Services Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		21%	11.602	22%	14.332	25.93			
Pure Premium Present on Rate Level		79%	1.336	78%	1.416	2.75			
Pure Premium Derived by Formula		3.492		4.258		7.75			

CLASS 9178		ATHLETIC SPORTS OR PARK: NONCONTACT SPORTS							
Industry Group: Miscellaneous Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	3,157,831	4	212,516	9	108,291	62,750	200,533	584,090	18.50
1/04 through 12/04	3,067,712	1	1,746	2	54,408	11,569	264,805	332,528	10.84
1/05 through 12/05	6,823,687	0	0	0	0	0	251,813	251,813	3.69
1/06 through 12/06	6,513,016	0	0	3	1,553	0	140,390	141,943	2.18
1/07 through 12/07	6,642,518	1	13,684	5	151,472	2,461	231,251	398,868	6.00
5 YR. TOTAL	26,204,764	6	227,946	19	315,724	76,780	1,088,792	1,709,242	6.52
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	2.075	40%	4.448	6.52			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		77%	2.828	60%	5.628	8.46			
Pure Premium Derived by Formula		2.655		5.156		7.81			

CLASS 9179		ATHLETIC SPORTS OR PARK: CONTACT SPORTS							
Industry Group: Miscellaneous Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	6,822,000	3	22,296	4	188,473	44,474	710,066	965,309	14.15
1/04 through 12/04	6,572,512	1	305,312	15	695,747	36,276	925,950	1,963,285	29.87
1/05 through 12/05	6,548,043	2	379,562	9	205,059	128,945	705,553	1,419,119	21.67
1/06 through 12/06	7,799,764	2	17,755	17	239,484	10,469	1,341,386	1,609,094	20.63
1/07 through 12/07	8,351,529	2	22,325	12	91,402	26,221	790,888	930,836	11.15
5 YR. TOTAL	36,093,848	10	747,250	57	1,420,165	246,385	4,473,843	6,887,643	19.08
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		44%	6.005	67%	13.078	19.08			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		56%	10.386	33%	14.880	25.27			
Pure Premium Derived by Formula		8.458		13.673		22.13			

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 9180		AMUSEMENT DEVICE OPERATION NOC-NOT TRAVELING-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	12,619,242	0	0	9	32,180	0	243,347	275,527	2.18
1/04 through 12/04	14,355,136	1	59,813	6	31,899	132,713	274,064	498,489	3.47
1/05 through 12/05	16,279,508	3	80,374	4	11,427	72,670	103,023	267,494	1.64
1/06 through 12/06	17,193,115	0	0	4	80,694	0	153,359	234,053	1.36
1/07 through 12/07	20,488,162	1	30,934	8	62,471	71,008	114,787	279,200	1.36
5 YR. TOTAL	80,935,163	5	171,121	31	218,671	276,391	888,580	1,554,763	1.92
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.482	48%	1.439	1.92			
Pure Premium Indicated by National Relativity		34%	2.261	26%	4.356	6.62			
Pure Premium Present on Rate Level		34%	2.029	26%	2.953	4.98			
Pure Premium Derived by Formula		1.613		2.591		4.20			

CLASS 9182		ATHLETIC SPORTS OR PARK: OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	19,021,101	0	0	3	40,400	0	101,669	142,069	0.75
1/04 through 12/04	19,700,147	1	10,020	5	47,493	8,262	105,929	171,704	0.87
1/05 through 12/05	22,538,145	1	28,478	8	49,796	8,911	87,224	174,409	0.77
1/06 through 12/06	24,039,118	0	0	5	58,556	0	251,907	310,463	1.29
1/07 through 12/07	23,726,225	0	0	4	25,099	0	72,403	97,502	0.41
5 YR. TOTAL	109,024,736	2	38,498	25	221,344	17,173	619,132	896,147	0.82
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.238	39%	0.584	0.82			
Pure Premium Indicated by National Relativity		38%	1.084	30%	2.172	3.26			
Pure Premium Present on Rate Level		39%	0.656	31%	1.324	1.98			
Pure Premium Derived by Formula		0.723		1.290		2.01			

CLASS 9186		CARNIVAL, CIRCUS OR AMUSEMENT DEVICE OPERATOR-TRAVELING-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	631,956	1	241,316	1	1,201	266,209	10,105	518,831	82.10
1/04 through 12/04	679,747	0	0	1	40,499	0	220,337	260,836	38.37
1/05 through 12/05	464,727	0	0	1	1,932	0	20,490	22,422	4.83
1/06 through 12/06	387,675	0	0	1	7,491	0	4,493	11,984	3.09
1/07 through 12/07	434,739	1	9,611	1	19,920	79,294	21,769	130,594	30.04
5 YR. TOTAL	2,598,844	2	250,927	5	71,043	345,503	277,194	944,667	36.35
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	12.389	29%	23.961	36.35			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		83%	12.736	71%	26.413	39.15			
Pure Premium Derived by Formula		12.677		25.702		38.38			

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

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CLASS 9220		CEMETERY OPERATIONS & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	10,884,590	0	0	8	47,694	0	105,140	152,834	1.40
1/04 through 12/04	10,821,820	9	1,382,688	8	116,344	1,150,405	127,476	2,776,913	25.66
1/05 through 12/05	12,223,141	3	164,441	6	93,607	56,194	139,880	454,122	3.72
1/06 through 12/06	10,888,112	1	171,067	5	67,302	161,656	90,272	490,297	4.50
1/07 through 12/07	11,086,362	1	5,875	4	6,052	0	52,191	64,118	0.58
5 YR. TOTAL	55,904,025	14	1,724,071	31	330,999	1,368,255	514,959	3,938,284	7.05
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	3.676	41%	3.369	7.05			
Pure Premium Indicated by National Relativity		36%	2.112	29%	2.807	4.92			
Pure Premium Present on Rate Level		36%	2.178	30%	2.843	5.02			
Pure Premium Derived by Formula		2.574		3.048		5.62			

CLASS 9402		STREET CLEANING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	25,729,723	8	250,939	14	296,894	1,091,636	225,864	1,865,333	7.25
1/04 through 12/04	28,406,374	1	118,736	15	627,788	164,149	346,801	1,257,474	4.43
1/05 through 12/05	32,492,146	6	531,816	14	200,432	328,286	277,480	1,338,014	4.12
1/06 through 12/06	34,540,548	2	275,572	15	626,198	103,311	533,143	1,538,224	4.45
1/07 through 12/07	36,694,920	6	596,843	11	300,551	1,082,243	743,157	2,722,794	7.42
5 YR. TOTAL	157,863,711	23	1,773,906	69	2,051,863	2,769,625	2,126,445	8,721,839	5.52
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		49%	2.423	62%	3.101	5.52			
Pure Premium Indicated by National Relativity		25%	3.112	19%	3.318	6.43			
Pure Premium Present on Rate Level		26%	2.993	19%	2.800	5.79			
Pure Premium Derived by Formula		2.743		3.085		5.83			

CLASS 9403		GARBAGE, ASHES OR REFUSE COLLECTION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	105,222,919	29	2,631,834	63	1,166,329	2,492,720	1,589,086	7,879,969	7.49
1/04 through 12/04	88,574,409	27	2,104,174	52	1,102,559	2,616,186	1,621,359	7,444,278	8.40
1/05 through 12/05	116,655,672	29	2,813,534	62	1,220,185	2,851,432	1,508,761	8,393,912	7.20
1/06 through 12/06	123,249,333	23	1,784,092	59	1,706,418	2,422,040	2,095,626	8,008,176	6.50
1/07 through 12/07	122,488,325	17	3,210,769	56	1,869,992	2,829,699	2,648,003	10,558,463	8.62
5 YR. TOTAL	556,190,658	125	12,544,403	292	7,065,483	13,212,077	9,462,835	42,284,798	7.60
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		87%	3.526	100%	4.077	7.60			
Pure Premium Indicated by National Relativity		6%	4.656	0%	4.768	9.42			
Pure Premium Present on Rate Level		7%	3.658	0%	4.398	8.06			
Pure Premium Derived by Formula		3.603		4.077		7.68			

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

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CLASS 9410		MUNICIPAL, TOWNSHIP, COUNTY OR STATE EMPLOYEE NOC							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	16,776,194	1	2,953	1	15,176	13,229	25,473	56,831	0.34
1/04 through 12/04	11,724,822	1	10,458	5	33,931	0	75,986	120,375	1.03
1/05 through 12/05	21,455,978	1	4,150	3	31,428	11,639	89,587	136,804	0.64
1/06 through 12/06	23,376,893	4	362,357	12	231,465	425,109	395,768	1,414,699	6.05
1/07 through 12/07	42,859,855	4	711,176	18	451,361	423,493	583,049	2,169,079	5.06
5 YR. TOTAL	116,193,742	11	1,091,094	39	763,361	873,470	1,169,863	3,897,788	3.36
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		27%	1.596	37%	1.759	3.36			
Pure Premium Indicated by National Relativity		36%	0.786	31%	1.215	2.00			
Pure Premium Present on Rate Level		37%	0.982	32%	1.064	2.05			
Pure Premium Derived by Formula		1.077		1.368		2.45			

CLASS 9501		PAINTING: SHOP ONLY & DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	28,992,923	3	42,026	11	132,201	37,353	185,595	397,175	1.37
1/04 through 12/04	34,380,894	2	5,494	22	331,273	659	431,548	768,974	2.24
1/05 through 12/05	35,467,106	2	13,089	12	163,107	2,918	208,143	387,257	1.09
1/06 through 12/06	36,977,817	0	0	13	54,938	0	122,982	177,920	0.48
1/07 through 12/07	38,273,640	3	552,607	12	154,607	434,807	357,924	1,499,945	3.92
5 YR. TOTAL	174,092,380	10	613,216	70	836,126	475,737	1,306,192	3,231,271	1.86
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.833	43%	1.024	1.86			
Pure Premium Indicated by National Relativity		34%	1.080	28%	1.237	2.32			
Pure Premium Present on Rate Level		34%	0.975	29%	1.038	2.01			
Pure Premium Derived by Formula		0.965		1.088		2.05			

CLASS 9505		PAINTING: AUTOMOBILE OR CARRIAGE BODIES							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	5,561,274	1	154,769	6	27,671	27,282	97,012	306,734	5.52
1/04 through 12/04	4,197,372	0	0	0	0	0	3,071	3,071	0.07
1/05 through 12/05	4,386,312	0	0	2	128,143	0	96,277	224,420	5.12
1/06 through 12/06	5,059,135	0	0	0	0	0	7,668	7,668	0.15
1/07 through 12/07	4,612,145	0	0	1	3,756	0	15,258	19,014	0.41
5 YR. TOTAL	23,816,238	1	154,769	9	159,570	27,282	219,286	560,907	2.36
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	1.320	24%	1.035	2.36			
Pure Premium Indicated by National Relativity		41%	1.162	38%	1.458	2.62			
Pure Premium Present on Rate Level		41%	1.583	38%	1.682	3.27			
Pure Premium Derived by Formula		1.363		1.442		2.81			

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

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CLASS 9516		ELECTRONIC EQUIPMENT - INSTALLATION, SERVICE, OR REPAIR - SHOP AND OUTSIDE & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	35,640,655	3	491,252	12	241,299	257,414	257,899	1,247,864	3.50
1/04 through 12/04	60,045,220	3	448,942	5	342,416	247,351	256,950	1,295,659	2.16
1/05 through 12/05	48,105,976	7	730,267	16	348,447	334,804	331,304	1,744,822	3.63
1/06 through 12/06	53,205,994	1	291,224	12	126,603	246,399	229,066	893,292	1.68
1/07 through 12/07	59,700,345	9	699,831	10	111,075	492,680	336,093	1,639,679	2.75
5 YR. TOTAL	256,698,190	23	2,661,516	55	1,169,840	1,578,648	1,411,312	6,821,316	2.66
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		45%	1.493	54%		1.165		2.66	
Pure Premium Indicated by National Relativity		27%	2.058	23%		1.973		4.03	
Pure Premium Present on Rate Level		28%	1.575	23%		1.238		2.81	
Pure Premium Derived by Formula		1.669		1.368				3.04	

CLASS 9519		HOUSEHOLD AND COMMERCIAL APPLIANCES-ELECTRICAL-INSTALLATION, SERVICE OR REPAIR & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	49,425,693	10	832,632	14	110,435	786,316	177,275	1,906,658	3.86
1/04 through 12/04	36,936,682	6	457,517	14	176,035	467,727	263,465	1,364,744	3.70
1/05 through 12/05	32,723,483	3	132,682	8	352,551	153,233	346,268	984,734	3.01
1/06 through 12/06	35,219,153	2	140,833	12	402,252	300,863	363,161	1,207,109	3.43
1/07 through 12/07	49,203,207	4	154,858	20	907,699	187,162	1,050,019	2,299,738	4.67
5 YR. TOTAL	203,508,218	25	1,718,522	68	1,948,972	1,895,301	2,200,188	7,762,983	3.81
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		46%	1.802	57%		2.012		3.81	
Pure Premium Indicated by National Relativity		27%	1.660	21%		1.721		3.38	
Pure Premium Present on Rate Level		27%	2.009	22%		1.766		3.78	
Pure Premium Derived by Formula		1.820		1.897				3.72	

CLASS 9521		HOUSE FURNISHINGS INSTALLATION NOC & UPHOLSTERING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	28,077,086	5	388,079	20	509,317	704,456	469,090	2,070,942	7.38
1/04 through 12/04	28,491,525	6	243,132	19	422,926	228,007	401,632	1,295,697	4.55
1/05 through 12/05	28,645,570	3	9,106	12	78,961	961,972	154,648	1,204,687	4.21
1/06 through 12/06	30,229,506	6	443,715	11	311,458	337,990	325,749	1,418,912	4.69
1/07 through 12/07	29,034,107	0	0	6	242,717	0	193,223	435,940	1.50
5 YR. TOTAL	144,477,794	20	1,084,032	68	1,565,379	2,232,425	1,544,342	6,426,178	4.45
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		38%	1.834	53%		2.614		4.45	
Pure Premium Indicated by National Relativity		31%	1.966	23%		1.845		3.81	
Pure Premium Present on Rate Level		31%	1.798	24%		2.117		3.92	
Pure Premium Derived by Formula		1.864		2.318				4.18	

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

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CLASS 9522		UPHOLSTERING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	363,737,136	14	903,730	83	1,348,281	1,119,626	1,371,148	4,742,785	1.30
1/04 through 12/04	388,485,558	33	2,080,302	86	1,597,141	1,582,135	1,490,444	6,750,022	1.74
1/05 through 12/05	387,784,734	14	839,866	78	1,499,981	518,861	1,831,534	4,690,242	1.21
1/06 through 12/06	366,230,516	15	1,009,982	72	1,821,361	903,690	1,878,282	5,613,315	1.53
1/07 through 12/07	361,600,625	8	888,644	91	1,598,474	463,927	2,131,579	5,082,624	1.41
5 YR. TOTAL	1,867,838,569	84	5,722,524	410	7,865,238	4,588,239	8,702,987	26,878,988	1.44
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		74%	0.727	96%		0.712		1.44	
Pure Premium Indicated by National Relativity		13%	0.916	2%		0.994		1.91	
Pure Premium Present on Rate Level		13%	0.733	2%		0.722		1.46	
Pure Premium Derived by Formula		0.752		0.718				1.47	

CLASS 9534		MOBILE CRANE AND HOISTING SERVICE CONTRACTORS-NOC-ALL OPERATIONS-INCLUDING YARD EMPLOYEES AND DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	10,976,628	2	222,949	6	219,621	259,295	177,669	879,534	8.01
1/04 through 12/04	13,803,564	2	300,053	10	627,484	99,266	557,684	1,584,487	11.48
1/05 through 12/05	15,215,002	2	256,566	5	293,151	805,620	161,826	1,517,163	9.97
1/06 through 12/06	18,709,254	5	1,043,541	6	228,120	1,316,064	269,844	2,857,569	15.27
1/07 through 12/07	19,333,250	4	813,253	6	229,433	516,183	247,485	1,806,354	9.34
5 YR. TOTAL	78,037,698	15	2,636,362	33	1,597,809	2,996,428	1,414,508	8,645,107	11.08
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		44%	5.426	50%		5.652		11.08	
Pure Premium Indicated by National Relativity		28%	3.035	25%		2.775		5.81	
Pure Premium Present on Rate Level		28%	4.609	25%		3.256		7.87	
Pure Premium Derived by Formula		4.528		4.334				8.86	

CLASS 9554		SIGN INSTALLATION, MAINTENANCE, REPAIR OR REMOVAL & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	11,269,204	2	112,075	12	246,116	99,511	479,887	937,589	8.32
1/04 through 12/04	12,730,302	2	480,792	10	217,462	897,798	193,087	1,789,139	14.05
1/05 through 12/05	11,909,130	4	788,695	15	809,905	620,570	763,601	2,982,771	25.05
1/06 through 12/06	12,143,649	0	0	8	206,839	0	225,041	431,880	3.56
1/07 through 12/07	14,519,522	6	331,853	10	148,999	325,737	245,321	1,051,910	7.25
5 YR. TOTAL	62,571,807	14	1,713,415	55	1,629,321	1,943,616	1,906,937	7,193,289	11.50
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		43%	5.342	55%		6.154		11.50	
Pure Premium Indicated by National Relativity		28%	4.529	22%		4.581		9.11	
Pure Premium Present on Rate Level		29%	5.660	23%		5.398		11.06	
Pure Premium Derived by Formula		5.207		5.634				10.84	

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

NORTH CAROLINA

APPENDIX B-II

EFFECTIVE 4/1/2011

CLASS 9586		BARBERSHOP, BEAUTY PARLOR OR HAIR STYLING SALON							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	102,589,362	2	17,577	22	261,078	2,454	185,267	466,376	0.46
1/04 through 12/04	113,162,719	7	486,462	10	91,777	328,954	141,094	1,048,287	0.93
1/05 through 12/05	123,104,471	8	191,860	5	10,379	180,899	50,946	434,084	0.35
1/06 through 12/06	138,526,716	3	180,093	19	282,994	56,169	412,504	931,760	0.67
1/07 through 12/07	144,886,735	3	96,497	12	113,816	211,372	258,409	680,094	0.47
5 YR. TOTAL	622,270,003	23	972,489	68	760,044	779,848	1,048,220	3,560,601	0.57
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		33%	0.278	43%	0.294			0.57	
Pure Premium Indicated by National Relativity		33%	0.289	28%	0.339			0.63	
Pure Premium Present on Rate Level		34%	0.293	29%	0.290			0.58	
Pure Premium Derived by Formula		0.287		0.305				0.59	

CLASS 9600		TAXIDERMIST							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	31,043	0	0	0	0	0	0	0	0.00
1/06 through 12/06	20,000	0	0	0	0	0	0	0	0.00
1/07 through 12/07	44,801	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	95,844	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		2%	0.000	2%	0.000			0.00	
Pure Premium Indicated by National Relativity		18%	1.044	19%	1.073			2.12	
Pure Premium Present on Rate Level		80%	0.949	79%	0.831			1.78	
Pure Premium Derived by Formula		0.947		0.860				1.81	

CLASS 9620		FUNERAL DIRECTOR & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	61,704,491	1	6,856	10	85,308	18,806	153,262	264,232	0.43
1/04 through 12/04	67,238,164	1	4,097	7	77,744	39,685	83,877	205,403	0.31
1/05 through 12/05	69,355,958	4	491,400	4	4,808	439,175	99,561	1,034,944	1.49
1/06 through 12/06	68,693,270	0	0	3	24,258	0	53,684	77,942	0.11
1/07 through 12/07	72,482,619	1	201,187	9	119,683	218,132	275,555	814,557	1.12
5 YR. TOTAL	339,474,502	7	703,540	33	311,801	715,798	665,939	2,397,078	0.71
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		31%	0.299	40%	0.407			0.71	
Pure Premium Indicated by National Relativity		34%	0.543	30%	0.650			1.19	
Pure Premium Present on Rate Level		35%	0.466	30%	0.444			0.91	
Pure Premium Derived by Formula		0.440		0.491				0.93	

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

NORTH CAROLINA
APPENDIX B-III

Adjustments to Pure Premiums to Obtain Advisory Loss Costs

The following items are combined with the derived by formula pure premium to obtain the proposed advisory loss cost:

(1) Test Correction Factor

The payrolls are now extended by the advisory loss costs presently in effect and by the indicated advisory loss costs to determine if the required change in manual premium level as calculated in Exhibit I has been achieved. Since at first this calculation may not yield the required results, an iterative process is initiated which continuously tests the proposed advisory loss costs including tentative test correction factors until the required change in manual premium level is obtained. The test correction factor is applied to the derived by formula pure premiums.

The factors referred to above are set out as follows:

	Test Correction Factor
Manufacturing	1.0005
Contracting	1.0014
Office & Clerical	0.9936
Goods & Services	0.9974
Miscellaneous	0.9967

(2) Ratios of Manual to Standard Premiums

The ratios of manual to standard premiums by industry group have also been excluded from the classification experience, and it is necessary to apply these factors to the derived by formula pure premiums.

	Ratio of Manual to Standard Premiums
Manufacturing	1.093
Contracting	1.087
Office & Clerical	1.093
Goods & Services	1.013
Miscellaneous	1.067

(3) Disease Loadings

The proposed manual advisory loss costs shown in this filing include specific disease loadings for those classifications where they apply. The proposed specific disease loadings are shown on the footnote page.

NORTH CAROLINA
APPENDIX B-III

(4) Swing Limits

As a further step a test is made to make certain that the proposed advisory loss costs fall within the following departures from the present advisory loss costs:

Manufacturing	from 27% above to 23% below
Contracting	from 25% above to 25% below
Office & Clerical	from 21% above to 29% below
Goods & Services	from 28% above to 22% below
Miscellaneous	from 27% above to 23% below

These limits have been calculated in accordance with the following formula:

Max. Deviation = Effect of the final change in premium level by industry group plus or minus 25% rounded to the nearest 1%.

The product of the swing limits and the present advisory loss cost sets bounds for the proposed advisory loss cost. If the calculated advisory loss cost falls outside of the bounds, the closest bound is chosen as the proposed advisory loss cost. When a code is limited, the underlying pure premiums are adjusted to reflect the limited advisory loss cost. The classifications which have been so limited are shown below. Note that classifications that are subject to special handling may fall outside of swing limits.

An illustrative example showing the calculation of a proposed manual class advisory loss cost is attached as Appendix B-IV. This example demonstrates the manner in which the partial pure premiums are combined to produce a total pure premium, and shows the steps in the calculation at which the rounding takes place. The advisory loss costs for other classifications are calculated in the same manner.

List of Classifications Limited by Upper Swing

0079	0083	0170	1430	1438	1654	2111	2586
3726	3851	4101	4581	5705	6005	6251	6811
7405	7445	7515					

List of Classifications Limited by Lower Swing

0050	1452	4263	6325	6702	6703	6704	7425
7431	7453	7855					

NORTH CAROLINA

APPENDIX B-IV

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 8810

As previously explained in Appendix B-I, the indicated pure premiums are developed by adjusting the limited losses by a set of conversion factors. The converted losses are then summarized into indemnity and medical and then divided by payroll (in hundreds). The derivation of the indicated pure premium for the above captioned classification follows:

LIMITED LOSSES (Workers Compensation Statistical Plan)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	0	153,500	4,014,248	11,286,368	9,146,948	1,000,203	2,240,228	8,534,460	10,585,335
01/01/04 - 12/31/04	0	1,094,498	2,369,761	9,330,486	8,273,495	992,653	2,416,815	8,312,845	11,252,423
01/01/05 - 12/31/05	125,250	576,487	1,101,561	8,898,522	6,587,004	803,931	1,965,717	6,706,012	10,060,269
01/01/06 - 12/31/06	0	0	133,169	5,219,006	6,012,699	903,437	1,778,014	5,878,629	10,350,379
01/01/07 - 12/31/07	0	305,100	140,872	1,958,110	4,061,610	904,024	2,433,047	4,016,908	10,552,572

PRIMARY PARTIAL CONVERSION FACTORS (Appendix B-I, Section A-1)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	1.061	0.965	1.062	1.050	0.955	1.062	0.966	1.362	1.100
01/01/04 - 12/31/04	1.122	0.993	1.123	1.112	0.984	1.123	0.994	1.380	1.100
01/01/05 - 12/31/05	1.263	1.051	1.264	1.252	1.042	1.264	1.052	1.447	1.097
01/01/06 - 12/31/06	1.575	1.188	1.576	1.563	1.178	1.576	1.189	1.543	1.101
01/01/07 - 12/31/07	2.526	1.537	2.529	2.511	1.528	2.529	1.538	1.792	1.129

EXPECTED EXCESS PROVISION AND REDISTRIBUTION (Appendix B-I, Section A-2)

After the application of the primary conversion factors, the limited losses are brought to an expected unlimited level through the application of a hazard group-specific excess loss factor. The factor is shown below.

	HAZARD GROUP: C
Excess Factor	1.241

As the excess loss factor is on a combined (indemnity and medical) basis, the following portion of the indemnity expected excess losses are redistributed to medical in order to more accurately allocate expected excess losses:

Redistribution %	40%
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NORTH CAROLINA

APPENDIX B-IV

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 8810

EXPECTED UNLIMITED LOSSES (Limited Losses x Primary Conversion Factors, then adjusted for Excess Provision and Redistribution)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	0	169,582	4,880,585	13,567,090	10,000,525	1,216,063	2,477,493	16,088,343	15,521,337
01/01/04 - 12/31/04	0	1,244,250	3,046,685	11,878,244	9,320,245	1,276,205	2,750,255	15,607,350	16,488,535
01/01/05 - 12/31/05	181,103	693,642	1,594,038	12,754,559	7,857,762	1,163,347	2,367,445	13,369,557	14,621,070
01/01/06 - 12/31/06	0	0	240,271	9,338,776	8,108,825	1,630,037	2,420,250	12,205,727	15,034,664
01/01/07 - 12/31/07	0	536,858	407,865	5,628,945	7,105,011	2,617,412	4,284,005	9,665,829	15,795,623

SECONDARY CONVERSION FACTORS (Appendix B-I, Section A-3)

Policy Period	INDUSTRY GROUP: Office and Clerical
01/01/03 - 12/31/03	0.919
01/01/04 - 12/31/04	0.934
01/01/05 - 12/31/05	0.951
01/01/06 - 12/31/06	0.987
01/01/07 - 12/31/07	0.983

PAYROLL, FINAL CONVERTED LOSSES (Expected Unlimited Losses x Secondary Conversion Factors)

Policy Period	Payroll	Indemnity Likely	Indemnity Not-Likely	Medical Likely	Medical Not-Likely	Total Indemnity	Total Medical	Total
01/01/03 - 12/31/03	23,731,162,255	18,070,975	11,623,144	14,785,187	14,264,109	29,694,119	29,049,296	58,743,415
01/01/04 - 12/31/04	24,118,229,324	15,131,859	12,435,977	14,577,265	15,400,292	27,567,836	29,977,557	57,545,393
01/01/05 - 12/31/05	27,570,069,756	14,924,088	10,383,825	12,714,449	13,904,638	25,307,913	26,619,087	51,927,000
01/01/06 - 12/31/06	30,272,302,159	11,063,366	10,392,197	12,047,053	14,839,213	21,455,563	26,886,266	48,341,829
01/01/07 - 12/31/07	33,249,245,791	8,507,100	11,723,134	9,501,510	15,527,097	20,230,234	25,028,607	45,258,841
Total	138,941,009,285	67,697,388	56,558,277	63,625,464	73,935,349	124,255,665	137,560,813	261,816,478
INDICATED PURE PREMIUM						0.089	0.099	0.19

The present on rate level pure premiums are developed by adjusting the pure premiums underlying the current loss cost by the conversion factors calculated in Appendix B-I. The derivation of the present on rate level pure premiums for the above captioned classification follows:

	Indemnity	Medical	Total
Pure Premiums Underlying Current Loss Cost	0.102	0.108	0.21
Conversion Factors (App. B-I, section B)	0.954	0.950	xxx
PURE PREMIUMS PRESENT ON RATE LEVEL (Underlying Pure Premiums) x (Conversion Factor)	0.097	0.103	0.20

NORTH CAROLINA

APPENDIX B-IV

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 8810

Industry Group - Office and Clerical. Hazard Group - C.

The loss cost for the above captioned classification is then derived as shown in the following exhibit:

	<u>Indemnity</u>	<u>Medical</u>	<u>Total</u>
1. Indicated Pure Premium	0.089	0.099	0.19
2. Pure Premium Indicated by National Relativity	0.087	0.109	0.20
3. Pure Premium Present on Rate Level	0.097	0.103	0.20
4. State Credibilities	100%	100%	xxx
5. National Credibilities	0%	0%	xxx
6. Residual Credibilities = 100% - (4) - (5)	0%	0%	xxx
7. Derived by Formula Pure Premiums = (1) x (4) + (2) x (5) + (3) x (6)	0.089	0.099	0.19
8. Test Correction Factor	0.9936	0.9936	xxx
9. Underlying Pure Premiums = (7) x (8) *	0.092	0.098	0.19
10. Ratio of Manual to Standard Premium			1.093
11. Loss Cost = (9) x (10)			0.21
12. Loss Cost Within Swing Limits			0.21
Current Loss Cost x Swing Limits			
a) Lower bound = 0.23 x 0.710 = 0.17			
b) Upper bound = 0.23 x 1.210 = 0.27			
13. Pure Premiums Underlying Proposed Loss Cost* = ((13TOT) / (9TOT)) x (9) , (13TOT) = (12) / (10)	0.092	0.098	0.19
14. Disease, PAP, Catastrophe and/or Miscellaneous Loadings			0.00
15. Final Loaded Loss Cost			0.21

* Indemnity pure premium is adjusted for the rounded total pure premium:

Indemnity Pure Premium = Total Pure Premium - Medical Pure Premium

NORTH CAROLINA
APPENDIX B-V

I. Determination and Distribution of Premium Level Change to “F” Classifications

The Workers Compensation Statistical Plan (WCSP) data is used to determine the overall “F” classifications (F-class) premium level change as well as the individual change by the various classifications. There are three sets of pure premiums for each classification: indicated, present on rate level, and national pure premiums. All sets of pure premiums are adjusted to the common proposed level that is explained further in this exhibit. These three sets of pure premiums are credibility weighted and the results, the derived by formula pure premiums, are adjusted for additional proposed components (section II) to determine the indicated loss costs. The payrolls are extended by the loss costs presently in effect and the indicated loss costs. The loss costs are limited to the swing limits based on 15% above and 15% below the current loss costs. This results in the indicated loss cost level change of +5.9%.

A – Calculation of F-Class Indicated Pure Premiums

The payroll and loss data reported are from the WCSP data by class code for the latest available five policy periods.

A-1 Calculation of Primary Conversion Factor

1 Benefits

The state losses are adjusted to the January 1, 2011 state law level. The federal losses are adjusted to the October 1, 2010 federal law level.

STATE ACT

Policy Period	Fatal	Permanent Total (P.T.)	Permanent Partial (P.P.)	Temporary Total (T.T.)	Medical
1/03 - 12/03	1.048	1.049	1.037	1.049	1.000
1/04 - 12/04	1.039	1.040	1.029	1.040	1.000
1/05 - 12/05	1.036	1.037	1.027	1.037	1.000
1/06 - 12/06	1.031	1.032	1.023	1.032	1.000
1/07 - 12/07	1.022	1.023	1.016	1.023	1.000

FEDERAL ACT

Policy Period	Fatal	Permanent Total (P.T.)	Permanent Partial (P.P.)	Temporary Total (T.T.)	Medical
1/03 - 12/03	1.052	1.029	1.005	1.029	1.000
1/04 - 12/04	1.043	1.024	1.004	1.024	1.000
1/05 - 12/05	1.038	1.021	1.004	1.021	1.000
1/06 - 12/06	1.033	1.019	1.003	1.019	1.000
1/07 - 12/07	1.025	1.015	1.002	1.015	1.000

2 Trend

The following factors are applied to trend the losses in each policy year to the proposed rating year. The selected annual trends utilized were 0.985 and 1.005 for indemnity and medical, respectively.

Policy Period	Indemnity	Medical
1/03 - 12/03	0.882	1.042
1/04 - 12/04	0.895	1.037
1/05 - 12/05	0.909	1.032
1/06 - 12/06	0.923	1.027
1/07 - 12/07	0.937	1.022

NORTH CAROLINA
APPENDIX B-V

A-1 Calculation of Primary Conversion Factor (continued)

3 Development

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

Policy Period	Indemnity		Medical	
	Likely-to-Develop	Not-Likely-to-Develop	Likely-to-Develop	Not-Likely-to-Develop
1/03 - 12/03	1.101	1.026	1.397	1.068
1/04 - 12/04	1.131	1.051	1.470	1.033
1/05 - 12/05	1.323	1.116	1.582	1.002
1/06 - 12/06	1.553	1.276	1.699	1.046
1/07 - 12/07	2.264	1.508	1.976	1.070

4 Primary Conversion Factors = (1) x (2) x (3)

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

STATE ACT

Policy Period	Fatal (L)	Fatal (NL)	P.T.*	P.P. (L)	P.P. (NL)	T.T. (L)	T.T. (NL)	Medical (L)	Medical (NL)
1/03 - 12/03	1.018	0.948	1.019	1.007	0.938	1.019	0.949	1.456	1.113
1/04 - 12/04	1.052	0.977	1.053	1.042	0.968	1.053	0.978	1.524	1.071
1/05 - 12/05	1.246	1.051	1.247	1.235	1.042	1.247	1.052	1.633	1.034
1/06 - 12/06	1.478	1.214	1.479	1.466	1.205	1.479	1.215	1.745	1.074
1/07 - 12/07	2.168	1.444	2.170	2.155	1.436	2.170	1.445	2.019	1.094

FEDERAL ACT

Policy Period	Fatal (L)	Fatal (NL)	P.T.*	P.P. (L)	P.P. (NL)	T.T. (L)	T.T. (NL)	Medical (L)	Medical (NL)
1/03 - 12/03	1.022	0.952	0.999	0.976	0.909	0.999	0.931	1.456	1.113
1/04 - 12/04	1.056	0.981	1.037	1.016	0.944	1.037	0.963	1.524	1.071
1/05 - 12/05	1.248	1.053	1.228	1.207	1.019	1.228	1.036	1.633	1.034
1/06 - 12/06	1.481	1.217	1.461	1.438	1.181	1.461	1.200	1.745	1.074
1/07 - 12/07	2.174	1.448	2.153	2.126	1.416	2.153	1.434	2.019	1.094

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

NORTH CAROLINA
APPENDIX B-V

A-2 – Expected Excess Provision and Redistribution

To reduce distortions in individual class loss cost indications, individual claim amounts are subject to a maximum limit of \$500,000. Multiple claims accidents are limited to three times the individual claim loss limitation. After the application of the primary conversion factors, the limited losses are brought to an expected unlimited level through the application of excess loss factors by hazard group. These factors are shown below.

Hazard Group	A	B	C	D	E	F	G
(1) Excess Ratios	0.130	0.165	0.194	0.220	0.257	0.315	0.391
(2) Excess Factors 1/(1-(1))	1.150	1.198	1.241	1.282	1.346	1.459	1.641

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

A-3 – Calculation of Secondary Conversion Factors

The following factors are applied to include the proposed loss-based expenses. The state losses are adjusted to reflect the proposed state assessment and loss adjustment expense. The federal losses are adjusted to reflect the proposed USL&HW Special Fund Assessment and loss adjustment expense. The combined** factors are based on a combined indemnity and medical loss-weighted average of the above loss-based expenses by policy period.

Policy Period	State Act	Federal Act
1/03 - 12/03	1.165	1.335
1/04 - 12/04	1.165	1.169
1/05 - 12/05	1.165	1.332
1/06 - 12/06	1.165	1.165
1/07 - 12/07	1.165	1.274

** See Section B.3 for the indemnity and medical breakdown of the proposed loss-based expenses.

NORTH CAROLINA
APPENDIX B-V

B – Present On Rate Level

1 Benefits

The current underlying pure premiums are at the current January 1, 2010 state and October 1, 2009 federal law levels. These pure premiums are adjusted to reflect the weighted effect of state and federal laws which bring losses to the proposed January 1, 2011 state and October 1, 2010 federal law levels. The distribution of state and federal losses in regard to total losses was used to determine the weighted effects.

State Weight (St%)	0.114
Federal Weight (Fed%)	0.886

	Indemnity	Medical	Total
(a) State Laws	1.003	1.000	1.002
(b) Federal Laws	1.001	1.000	1.000
(c) Weighted Laws = [(a)xSt%] + [(b)xFed%]	1.001	1.000	1.000

2 Trend

Since the trend in the current underlying pure premiums is adequate for the current rating year, additional trend is applied to bring the underlyings to the proposed rating year.

Indemnity	Medical
0.985	1.005

NORTH CAROLINA
APPENDIX B-V

B – Present On Rate Level (continued)

3 Loss-based Expenses

The current underlying pure premiums are adjusted to reflect the change in the weighted effect of the loss-based expense provisions.

Proposed:

STATE ACT

	Indemnity	Medical	Total
(a) Loss Adjustment Expense	1.165	1.165	1.165
(b) Loss-based Assessment	1.000	1.000	1.000
(c) Total = (a) + (b) - 1	1.165	1.165	1.165

FEDERAL ACT

	Indemnity	Medical	Total
(d) Loss Adjustment Expense	1.165	1.165	1.165
(e) Loss-based Assessment	1.221	1.000	1.079
(f) Total = (d) + (e) - 1	1.386	1.165	1.244

(g) Weighted Proposed Expenses = [(c) x St%] + [(f) x Fed%]	Indemnity	Medical	Total
	1.361	1.165	1.235

Current:

STATE

	Indemnity	Medical	Total
(h) Loss Adjustment Expense	1.160	1.160	1.160
(i) Loss-based Assessment	1.000	1.000	1.000
(j) Total = (h) + (i) - 1	1.160	1.160	1.160

FEDERAL

	Indemnity	Medical	Total
(k) Loss Adjustment Expense	1.160	1.160	1.160
(l) Loss-based Assessment	1.221	1.000	1.079
(m) Total = (k) + (l) - 1	1.381	1.160	1.239

(n) Weighted Current Expenses = [(j) x St%] + [(m) x Fed%]	Indemnity	Medical	Total
	1.356	1.160	1.230

Change:

Weighted Expense Change in Loss Based Expenses = [(g) / (n)]	Indemnity	Medical	Total
	1.004	1.004	1.004

4 Conversion Factors = (1) x (2) x (3)

The factors have been applied multiplicatively resulting in the following factors.

Indemnity	Medical
0.990	1.009

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C. National Pure Premiums

The latest three years of state and federal losses for states in which NCCI compiles workers compensation data are separately adjusted to the same level as the indicated and present on rate level pure premiums.

Class Code 9077

For Code 9077, the indicated, national and present on rate level pure premiums were calculated as described previously in A, B and C but using the non-appropriated benefit changes and the federal loss-based expenses.

D. Derived by Formula Pure Premiums

The derived by formula pure premiums are calculated by a process similar to that of the industrial codes, which is described in Appendix B-I, Section D. To achieve full state credibility, a classification must have expected losses of at least: \$45,230,200 for indemnity, and \$21,968,800 for medical.

II. Calculation of Proposed Loss Costs

The following items are combined with the derived by formula pure premiums to obtain the proposed loss cost:

<u>A. Test Correction Factor</u>	1.0000
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<u>B. Ratio of Manual Premium to Earned Premium</u>	1.106
(determined on a countrywide basis)	

C. Swing Limits

The classifications which were adjusted by swing limits are as follows:

List of Classifications Limited by Upper Swing:
6824 7327 8709 9077

List of Classifications Limited by Lower Swing:
None

NORTH CAROLINA

F-CLASS

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EFFECTIVE 4/1/2011

CLASS 6801		BOAT BUILDING-WOOD-NOC & DRIVERS-COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	153,184	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	32,149	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	185,333	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.000	3%	0.000	0.00			
Pure Premium Indicated by National Relativity		16%	3.148	16%	2.530	5.68			
Pure Premium Present on Rate Level		82%	1.414	81%	1.415	2.83			
Pure Premium Derived by Formula		1.663		1.551		3.21			

CLASS 6824		BOAT BUILDING-OR REPAIR & DRIVERS-COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	3,593,354	0	0	2	55,441	0	100,418	155,859	4.34
1/04 through 12/04	3,834,170	0	0	3	17,153	0	76,425	93,578	2.44
1/05 through 12/05	2,581,728	2	472,932	1	6,620	138,468	33,568	651,588	25.24
1/06 through 12/06	2,648,776	0	0	0	0	0	1,043	1,043	0.04
1/07 through 12/07	4,968,264	2	421,768	2	32,552	417,032	47,288	918,640	18.49
5 YR. TOTAL	17,626,292	4	894,700	8	111,766	555,500	258,742	1,820,708	10.33
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	5.710	24%	4.619	10.33			
Pure Premium Indicated by National Relativity		41%	3.258	38%	4.582	7.84			
Pure Premium Present on Rate Level		42%	2.904	38%	3.397	6.30			
Pure Premium Derived by Formula		3.526		4.141		7.67			

CLASS 6826		MARINA & DRIVERS: COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	70,430	0	0	0	0	0	0	0	0.00
1/04 through 12/04	678,759	0	0	1	205	0	4,856	5,061	0.75
1/05 through 12/05	430,500	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,049,967	0	0	0	0	0	0	0	0.00
1/07 through 12/07	1,163,356	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	3,393,012	0	0	1	205	0	4,856	5,061	0.15
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.006	11%	0.143	0.15			
Pure Premium Indicated by National Relativity		23%	1.379	25%	3.755	5.13			
Pure Premium Present on Rate Level		68%	2.849	64%	2.757	5.61			
Pure Premium Derived by Formula		2.255		2.719		4.97			

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

NORTH CAROLINA

F-CLASS

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EFFECTIVE 4/1/2011

CLASS 6843		SHIP BUILDING-IRON OR STEEL-NOC-& DRIVERS-COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	22	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	687	0	0	0	0	0	0	0	0.00
1/06 through 12/06	1,947	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,656	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.000	1%	0.000	0.00			
Pure Premium Indicated by National Relativity		49%	3.334	49%	5.227	8.56			
Pure Premium Present on Rate Level		50%	3.952	50%	5.971	9.92			
Pure Premium Derived by Formula		3.610		5.547		9.16			

CLASS 6845		SHIP BUILDING-NAVAL & DRIVERS							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		35%	7.508	37%	6.308	13.82			
Pure Premium Present on Rate Level		65%	4.897	63%	7.319	12.22			
Pure Premium Derived by Formula		5.811		6.945		12.76			

CLASS 6872		SHIP REPAIR OR CONVERSION-ALL OPERATIONS & DRIVERS-COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	12,232	0	0	0	0	0	0	0	0.00
1/04 through 12/04	14,179	0	0	0	0	0	0	0	0.00
1/05 through 12/05	124,588	0	0	1	231,885	0	43,339	275,224	220.91
1/06 through 12/06	274,137	0	0	0	0	0	0	0	0.00
1/07 through 12/07	273,500	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	698,636	0	0	1	231,885	0	43,339	275,224	39.39
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	33.191	7%	6.203	39.39			
Pure Premium Indicated by National Relativity		46%	5.213	46%	5.416	10.63			
Pure Premium Present on Rate Level		46%	11.028	47%	4.774	15.80			
Pure Premium Derived by Formula		10.126		5.169		15.30			

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

NORTH CAROLINA

F-CLASS

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EFFECTIVE 4/1/2011

CLASS 6874		PAINTING: SHIP HULLS-COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		20%	5.268	21%	5.452	10.72			
Pure Premium Present on Rate Level		80%	11.624	79%	12.198	23.82			
Pure Premium Derived by Formula		10.353		10.781		21.13			

CLASS 7309		STEVEDORING NOC							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	71,851	0	0	0	0	0	0	0	0.00
1/04 through 12/04	69,493	0	0	0	0	0	3,563	3,563	5.13
1/05 through 12/05	143,576	0	0	0	0	0	0	0	0.00
1/06 through 12/06	173,839	0	0	0	0	0	0	0	0.00
1/07 through 12/07	10,806	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	469,565	0	0	0	0	0	3,563	3,563	0.76
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.000	8%	0.759	0.76			
Pure Premium Indicated by National Relativity		40%	5.488	42%	7.648	13.14			
Pure Premium Present on Rate Level		54%	7.823	50%	8.353	16.18			
Pure Premium Derived by Formula		6.420		7.449		13.87			

CLASS 7313		COAL DOCK OPERATION & STEVEDORING							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	149,320	0	0	0	0	0	0	0	0.00
1/04 through 12/04	305,751	0	0	0	0	0	0	0	0.00
1/05 through 12/05	983,726	0	0	0	0	0	0	0	0.00
1/06 through 12/06	290,110	0	0	0	0	0	0	0	0.00
1/07 through 12/07	470,039	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	2,198,946	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.000	8%	0.000	0.00			
Pure Premium Indicated by National Relativity		28%	2.133	30%	2.006	4.14			
Pure Premium Present on Rate Level		66%	1.591	62%	1.638	3.23			
Pure Premium Derived by Formula		1.647		1.617		3.26			

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

NORTH CAROLINA

F-CLASS

APPENDIX B-V

EFFECTIVE 4/1/2011

CLASS 7317	STEVEDORING: BY HAND OR HAND TRUCKS EXCLUSIVELY								
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	230,490	0	0	0	0	0	0	0	0.00
1/04 through 12/04	352,364	0	0	0	0	0	0	0	0.00
1/05 through 12/05	470,820	0	0	0	0	0	0	0	0.00
1/06 through 12/06	219,892	0	0	0	0	0	0	0	0.00
1/07 through 12/07	253,663	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,527,229	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.000	9%	0.000	0.00			
Pure Premium Indicated by National Relativity		44%	3.804	45%	5.084	8.89			
Pure Premium Present on Rate Level		49%	3.979	46%	3.472	7.45			
Pure Premium Derived by Formula			3.623		3.885	7.51			

CLASS 7323	STEVEDORING: EXPLOSIVE MATERIALS-UNDER CONTRACT								
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		0%	0.000	0%	0.000	0.00			
Pure Premium Present on Rate Level		100%	3.572	100%	0.648	4.22			
Pure Premium Derived by Formula			3.572		0.648	4.22			

CLASS 7327	STEVEDORING: CONTAINERIZED FREIGHT & DRIVERS								
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/03 through 12/03	1,848	0	0	0	0	0	0	0	0.00
1/04 through 12/04	98,011	0	0	0	0	0	0	0	0.00
1/05 through 12/05	74,981	0	0	0	0	0	0	0	0.00
1/06 through 12/06	4,261	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	179,101	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.000	4%	0.000	0.00			
Pure Premium Indicated by National Relativity		27%	17.686	28%	22.849	40.54			
Pure Premium Present on Rate Level		70%	3.198	68%	4.984	8.18			
Pure Premium Derived by Formula			7.014		9.787	16.80			

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

NORTH CAROLINA

F-CLASS

APPENDIX B-V

EFFECTIVE 4/1/2011

CLASS 7350		FREIGHT HANDLING NOC-COVERAGE UNDER U.S. ACT							
Industry Group: F-Class Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	332,088	0	0	1	24,718	0	5,639	30,357	9.14
1/04 through 12/04	320,846	0	0	0	0	0	206	206	0.06
1/05 through 12/05	370,526	0	0	3	30,383	0	38,033	68,416	18.47
1/06 through 12/06	412,595	0	0	0	0	0	0	0	0.00
1/07 through 12/07	138,238	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	1,574,293	0	0	4	55,101	0	43,878	98,979	6.29
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	3.500	9%	2.787	6.29			
Pure Premium Indicated by National Relativity		30%	4.898	32%	4.213	9.11			
Pure Premium Present on Rate Level		63%	4.225	59%	3.695	7.92			
Pure Premium Derived by Formula		4.376		3.779		8.16			

CLASS 8709		STEVEDORING: TALLIERS AND CHECKING CLERKS ENGAGED IN CONNECTION WITH STEVEDORE WORK							
Industry Group: F-Class Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	97,072	0	0	0	0	0	0	0	0.00
1/04 through 12/04	143,696	0	0	0	0	0	0	0	0.00
1/05 through 12/05	208,364	0	0	0	0	0	0	0	0.00
1/06 through 12/06	364,783	0	0	0	0	0	0	0	0.00
1/07 through 12/07	24,548	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	838,463	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	5%	0.000	0.00			
Pure Premium Indicated by National Relativity		24%	3.488	26%	5.189	8.68			
Pure Premium Present on Rate Level		72%	1.463	69%	1.637	3.10			
Pure Premium Derived by Formula		1.890		2.479		4.37			

CLASS 8726		STEAMSHIP LINE OR AGENCY-PORT EMPLOYEES: SUPERINTENDENTS, CAPTAINS, ENGINEERS, STEWARDS OR THEIR ASSISTANTS, PAY CLERKS							
Industry Group: F-Class Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	43,295	0	0	0	0	0	0	0	0.00
1/04 through 12/04	142,184	0	0	0	0	0	0	0	0.00
1/05 through 12/05	202,081	0	0	0	0	0	0	0	0.00
1/06 through 12/06	259,066	0	0	0	0	0	0	0	0.00
1/07 through 12/07	163,565	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	810,191	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.000	6%	0.000	0.00			
Pure Premium Indicated by National Relativity		24%	0.768	26%	1.670	2.44			
Pure Premium Present on Rate Level		72%	1.562	68%	2.050	3.61			
Pure Premium Derived by Formula		1.309		1.828		3.14			

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

NORTH CAROLINA

F-CLASS

APPENDIX B-V

EFFECTIVE 4/1/2011

CLASS 9077		UNITED STATES ARMED SERVICE RISK-ALL EMPLOYEES & DRIVERS							
Industry Group: F-Class Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/03 through 12/03	0	0	0	0	0	0	0	0	0.00
1/04 through 12/04	0	0	0	0	0	0	0	0	0.00
1/05 through 12/05	0	0	0	0	0	0	0	0	0.00
1/06 through 12/06	0	0	0	0	0	0	0	0	0.00
1/07 through 12/07	0	0	0	0	0	0	0	0	0.00
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.00
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.000	0%	0.000	0.00			
Pure Premium Indicated by National Relativity		8%	1.963	8%	3.142	5.11			
Pure Premium Present on Rate Level		92%	0.526	92%	0.544	1.07			
Pure Premium Derived by Formula			0.641		0.752	1.39			

* Pure Premium per \$100 of Payroll

** Pure Premium per employee

++ Non-Standard Calculation

NORTH CAROLINA

APPENDIX B-V

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 7317

The indicated pure premiums are developed by adjusting the limited losses by a set of conversion factors. The converted losses are then summarized into indemnity and medical and then divided by payroll (in hundreds). The derivation of the indicated pure premium for the above captioned classification follows:

STATE ACT - LIMITED LOSSES (Workers Compensation Statistical Plan)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	0	0	0	0	0	0	0	0	0
01/01/04 - 12/31/04	0	0	0	0	0	0	0	0	0
01/01/05 - 12/31/05	0	0	0	0	0	0	0	0	0
01/01/06 - 12/31/06	0	0	0	0	0	0	0	0	0
01/01/07 - 12/31/07	0	0	0	0	0	0	0	0	0

FEDERAL ACT - LIMITED LOSSES (Workers Compensation Statistical Plan)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	0	0	0	0	0	0	0	0	0
01/01/04 - 12/31/04	0	0	0	0	0	0	0	0	0
01/01/05 - 12/31/05	0	0	0	0	0	0	0	0	0
01/01/06 - 12/31/06	0	0	0	0	0	0	0	0	0
01/01/07 - 12/31/07	0	0	0	0	0	0	0	0	0

STATE ACT - PRIMARY PARTIAL CONVERSION FACTORS (Appendix B-V, Section A-1)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	1.018	0.948	1.019	1.007	0.938	1.019	0.949	1.456	1.113
01/01/04 - 12/31/04	1.052	0.977	1.053	1.042	0.968	1.053	0.978	1.524	1.071
01/01/05 - 12/31/05	1.246	1.051	1.247	1.235	1.042	1.247	1.052	1.633	1.034
01/01/06 - 12/31/06	1.478	1.214	1.479	1.466	1.205	1.479	1.215	1.745	1.074
01/01/07 - 12/31/07	2.168	1.444	2.170	2.155	1.436	2.170	1.445	2.019	1.094

FEDERAL ACT - PRIMARY PARTIAL CONVERSION FACTORS (Appendix B-V, Section A-1)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	1.022	0.952	0.999	0.976	0.909	0.999	0.931	1.456	1.113
01/01/04 - 12/31/04	1.056	0.981	1.037	1.016	0.944	1.037	0.963	1.524	1.071
01/01/05 - 12/31/05	1.248	1.053	1.228	1.207	1.019	1.228	1.036	1.633	1.034
01/01/06 - 12/31/06	1.481	1.217	1.461	1.438	1.181	1.461	1.200	1.745	1.074
01/01/07 - 12/31/07	2.174	1.448	2.153	2.126	1.416	2.153	1.434	2.019	1.094

NORTH CAROLINA

APPENDIX B-V

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 7317

EXPECTED EXCESS PROVISION AND REDISTRIBUTION (Appendix B-V, Section A-2)

After the application of the primary conversion factors, the limited losses are brought to an expected unlimited level through the application of a hazard group-specific excess loss factor. The factor is shown below.

	HAZARD GROUP: G
Excess Factor	1.641

As the excess loss factor is on a combined (indemnity and medical) basis, the following portion of the indemnity expected excess losses are redistributed to medical in order to more accurately allocate expected excess losses:

Redistribution %	40%
------------------	-----

STATE ACT - EXPECTED UNLIM LOSSES (Lim Losses x Primary Conv Factors, then adjusted for Excess Provision and Redistribution)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	0	0	0	0	0	0	0	0	0
01/01/04 - 12/31/04	0	0	0	0	0	0	0	0	0
01/01/05 - 12/31/05	0	0	0	0	0	0	0	0	0
01/01/06 - 12/31/06	0	0	0	0	0	0	0	0	0
01/01/07 - 12/31/07	0	0	0	0	0	0	0	0	0

FEDERAL ACT - EXPECTED UNLIM LOSSES (Lim Losses x Primary Conv Factors, then adjusted for Excess Provision and Redistribution)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/03 - 12/31/03	0	0	0	0	0	0	0	0	0
01/01/04 - 12/31/04	0	0	0	0	0	0	0	0	0
01/01/05 - 12/31/05	0	0	0	0	0	0	0	0	0
01/01/06 - 12/31/06	0	0	0	0	0	0	0	0	0
01/01/07 - 12/31/07	0	0	0	0	0	0	0	0	0

STATE ACT - SECONDARY CONVERSION FACTORS (Appendix B-V, Section A-3)

	INDUSTRY GROUP: F-Class
Policy Period	
01/01/03 - 12/31/03	1.165
01/01/04 - 12/31/04	1.165
01/01/05 - 12/31/05	1.165
01/01/06 - 12/31/06	1.165
01/01/07 - 12/31/07	1.165

FEDERAL ACT - SECONDARY CONVERSION FACTORS (Appendix B-V, Section A-3)

	INDUSTRY GROUP: F-Class
Policy Period	
01/01/03 - 12/31/03	1.335
01/01/04 - 12/31/04	1.169
01/01/05 - 12/31/05	1.332
01/01/06 - 12/31/06	1.165
01/01/07 - 12/31/07	1.274

NORTH CAROLINA

APPENDIX B-V

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 7317

TOTAL - PAYROLL, FINAL CONVERTED LOSSES

Policy Period	Payroll	Indemnity Likely	Indemnity Not-Likely	Medical Likely	Medical Not-Likely	Total Indemnity	Total Medical	Total
01/01/03 - 12/31/03	230,490	0	0	0	0	0	0	0
01/01/04 - 12/31/04	352,364	0	0	0	0	0	0	0
01/01/05 - 12/31/05	470,820	0	0	0	0	0	0	0
01/01/06 - 12/31/06	219,892	0	0	0	0	0	0	0
01/01/07 - 12/31/07	253,663	0	0	0	0	0	0	0
Total	1,527,229	0	0	0	0	0	0	0
INDICATED PURE PREMIUM						0.000	0.000	0.00

The present on rate level pure premiums are developed by adjusting the pure premiums underlying the current loss cost by the conversion factors. The derivation of the present on rate level pure premiums for the above captioned classification follows:

	Indemnity	Medical	Total
Pure Premiums Underlying Current Loss Cost	4.019	3.441	7.46
Conversion Factors (Section B)	0.990	1.009	xxx
PURE PREMIUMS PRESENT ON RATE LEVEL (Underlying Pure Premiums) x (Conversion Factor)	3.979	3.472	7.45

NORTH CAROLINA

APPENDIX B-V

DERIVATION OF PROPOSED ADVISORY LOSS COST - CODE 7317

Industry Group - F-Class. Hazard Group - G.

The loss cost for the above captioned classification is then derived as shown in the following exhibit:

	<u>Indemnity</u>	<u>Medical</u>	<u>Total</u>
1. Indicated Pure Premium	0.000	0.000	0.00
2. Pure Premium Indicated by National Relativity	3.804	5.084	8.89
3. Pure Premium Present on Rate Level	3.979	3.472	7.45
4. State Credibilities	7%	9%	xxx
5. National Credibilities	44%	45%	xxx
6. Residual Credibilities = 100% - (4) - (5)	49%	46%	xxx
7. Derived by Formula Pure Premiums = (1) x (4) + (2) x (5) + (3) x (6)	3.623	3.885	7.51
8. Test Correction Factor	1.0000	1.0000	xxx
9. Underlying Pure Premiums = (7) x (8) *	3.625	3.885	7.51
10. Ratio of Manual to Standard Premium			1.106
11. Loss Cost = (9) x (10)			8.31
12. Loss Cost Within Swing Limits			8.31
Current Loss Cost x Swing Limits			
a) Lower bound = 8.30 x 0.850 = 7.06			
b) Upper bound = 8.30 x 1.150 = 9.54			
13. Pure Premiums Underlying Proposed Loss Cost* = ((13TOT) / (9TOT)) x (9) , (13TOT) = (12) / (10)	3.625	3.885	7.51
14. Disease, PAP, Catastrophe and/or Miscellaneous Loadings			0.00
15. Final Loaded Loss Cost			8.31

* Indemnity pure premium is adjusted for the rounded total pure premium:
Indemnity Pure Premium = Total Pure Premium - Medical Pure Premium

NORTH CAROLINA LAW MEMO

APPENDIX C-I

Increase in the Maximum Weekly Benefit

Effective: January 1, 2011

Change in the maximum weekly benefit for:

Fatal Injury:	From	\$840.00	to	\$856.00
Total Disability:	From	\$840.00	to	\$856.00
Permanent Partial Disability:	From	\$840.00	to	\$856.00

Total Effect: +0.2%

SAWW effective 01/01/2010 = \$763.87 (estimated).

110 % of \$763.87 rounded to the nearest \$2.00 dollars is \$840.00.

SAWW effective 01/01/2011 = \$777.40 (estimated).

110 % of \$777.40 rounded to the nearest \$2.00 dollars is \$856.00.

NORTH CAROLINA LAW MEMO

APPENDIX C-I

**Impact By Type of Injury Due to the Increase in the Maximum
Weekly Benefit, Effective January 1, 2011**

<u>Type of Injury</u>	<u>Percentage of Losses (a)</u>	<u>Effect (%)</u>	
Fatal	0.9%	0.4	
Permanent Total	8.8%	0.4	
Permanent Partial	38.5%	0.3	
Temporary Total	4.3%	0.4	
Total Indemnity	52.5%	0.3	(b)
Medical	47.5%	0.0	
Total Losses	100.0%	0.2	(b)

(a) Proportions within indemnity are based on the 24-month period ending 12/31/2006 on the 01/01/2010 law level and developed to an ultimate basis by type of injury. Incorporates an assumed indemnity/medical split of 0.525 / 0.475.

(b) Weighted-average.

LONGSHORE AND HARBOR WORKERS' COMPENSATION ACT LAW MEMO

APPENDIX C-II

Increase in the Minimum and Maximum Weekly Benefit

Effective: October 1, 2010

Change in the Wage for the Minimum Weekly Benefit for:

Fatal Injury	From	\$618.99	to	\$625.18
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Change in the Minimum Weekly Benefit for:

Total Disability	From	\$309.50	to	\$312.59
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Change in the Maximum Weekly Benefit for:

Fatal Injury	From	\$1,237.98	to	\$1,250.36
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Total Disability	From	\$1,237.98	to	\$1,250.36
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Permanent Partial Disability	From	\$1,237.98	to	\$1,250.36
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Indemnity Effect: +0.1%

LONGSHORE AND HARBOR WORKERS' COMPENSATION ACT LAW MEMO

APPENDIX C-II

**Impact By Type of Injury Due to the Increase in the Minimum
and Maximum Weekly Benefit, Effective October 1, 2010**

<u>Type of Injury</u>	<u>Percentage of Losses *</u>	<u>Effect (%)</u>	
Fatal	0.8%	0.2	
Permanent Total	11.2%	0.2	
Permanent Partial	21.8%	0.0	
Temporary Total	2.2%	0.2	
Total Indemnity	36.0%	0.1	**
Medical	64.0%	0.0	
Total	100.0%	0.0	**

* Nationwide losses under the Longshore and Harbor Workers' Act for the three-year policy period ending 12/31/2006 on the 10/01/2009 law level, and developed to an ultimate report by type of injury.

** Weighted-average.

APPENDIX D
DATA REPORTING REQUIREMENTS
G.S. 58-36-15 (g) and (h)

Item

- (g) (1) A detailed list of the rates, loss costs, rules, and policy forms filed, accompanied by a list of those superseded; and
- (2) A detailed description, properly referenced, of all changes in policy forms, rules, prospective loss costs, and rates, including the effect of each change.

Response

See the summary page at the beginning of Exhibit RB-1 and Appendix E.

Item

- (h) (1) North Carolina earned premiums at the actual and current rate level; losses and loss adjustment expenses, each on paid and incurred bases without trending or other modification for the experience period, including the loss ratio anticipated at the time the rates were promulgated for the experience period;
- (2) Credibility factor development and application;
- (3) Loss development factor derivation and application on both paid and incurred bases and in both numbers and dollars of claims;
- (4) Trending factor development and application;
- (5) Changes in premium base resulting from rating exposure trends;
- (6) Limiting factor development and application;
- (7) Overhead expense development and application of commission and brokerage, other acquisition expenses, general expenses, taxes, licenses and fees;
- (8) Percent rate or prospective loss costs change;
- (9) Final proposed rates;
- (10) Investment earnings, consisting of investment income and realized plus unrealized capital gains, from loss, loss expense, and unearned premium reserves;
- (11) Identification of applicable statistical plans and programs and a certification of compliance with them;
- (12) Investment earnings on capital and surplus;
- (13) Level of capital and surplus needed to support premium writings without endangering the solvency of member companies; and
- (14) Such other information that may be required by any rule adopted by the Commissioner.

Response

To the extent that G. S. 58-36-15 (h) applies to workers' compensation insurance voluntary loss costs and residual market rate filings, the required information is included in the 11 NCAC 10.1111 responses.

North Carolina

Appendix E

Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
0005	3.10	3.15	1.6%
0008	2.25	2.33	3.6%
0016	6.91	7.55	9.3%
0034	3.29	3.44	4.6%
0035	2.36	2.56	8.5%
0036	3.73	4.54	21.7%
0037	3.82	3.98	4.2%
0042	4.06	4.16	2.5%
0050	12.81	9.61	-25.0%
0059	0.38	0.39	2.6%
0065	0.09	0.09	0.0%
0066	0.09	0.09	0.0%
0067	0.09	0.09	0.0%
0079	2.88	3.68	27.8%
0083	3.20	4.09	27.8%
0106	20.37	20.18	-0.9%
0113	3.75	4.41	17.6%
0170	2.08	2.66	27.9%
0251	4.48	4.76	6.2%
0400	6.91	6.95	0.6%
0401	7.59	7.41	-2.4%
0763	2.03	2.00	-1.5%
0771	0.45	0.41	-8.9%
0908	147.00	160.00	8.8%
0913	361.00	405.00	12.2%
0917	3.03	3.41	12.5%
1005	10.64	11.91	11.9%
1164	12.09	11.42	-5.5%
1165	3.82	4.12	7.9%
1320	3.69	3.30	-10.6%
1322	11.20	10.45	-6.7%
1430	3.72	4.72	26.9%
1438	2.12	2.69	26.9%
1452	3.58	2.76	-22.9%
1463	13.25	12.68	-4.3%
1470	3.79	3.87	2.1%
1473	2.06	2.03	-1.5%
1474	2.42	2.45	1.2%
1624	4.35	4.45	2.3%
1642	3.90	3.80	-2.6%
1654	9.01	11.44	27.0%
1655	6.76	6.27	-7.2%
1699	3.20	3.83	19.7%
1701	6.17	5.84	-5.3%
1710	5.60	5.25	-6.2%

North Carolina

Appendix E

Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
1741	2.42	2.94	21.5%
1747	2.27	2.24	-1.3%
1748	4.20	3.67	-12.6%
1803	7.52	7.74	2.9%
1852	3.08	2.77	-10.1%
1853	1.73	1.56	-9.8%
1860	2.32	1.92	-17.2%
1924	2.83	2.84	0.4%
1925	3.23	3.43	6.2%
2001	2.60	2.84	9.2%
2002	3.26	3.50	7.4%
2003	2.44	2.84	16.4%
2014	5.21	5.65	8.4%
2016	2.42	2.34	-3.3%
2021	2.78	2.56	-7.9%
2039	4.17	3.88	-7.0%
2041	2.79	3.38	21.1%
2065	3.78	3.48	-7.9%
2070	4.55	4.97	9.2%
2081	3.34	3.74	12.0%
2089	3.53	3.07	-13.0%
2095	3.86	3.67	-4.9%
2105	2.37	2.39	0.8%
2110	1.68	2.03	20.8%
2111	2.84	3.60	26.8%
2112	3.33	3.29	-1.2%
2114	1.72	1.61	-6.4%
2121	3.47	2.84	-18.2%
2130	2.31	2.31	0.0%
2131	2.31	2.55	10.4%
2143	2.71	2.67	-1.5%
2157	4.53	5.32	17.4%
2172	2.03	1.98	-2.5%
2174	2.82	2.69	-4.6%
2211	7.08	8.00	13.0%
2220	2.61	2.97	13.8%
2286	1.34	1.56	16.4%
2288	2.92	2.56	-12.3%
2300	2.69	2.50	-7.1%
2302	1.63	1.65	1.2%
2305	2.29	2.49	8.7%
2361	1.86	1.65	-11.3%
2362	2.19	1.98	-9.6%
2380	2.11	2.18	3.3%
2386	1.10	1.22	10.9%

North Carolina

Appendix E

Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
2388	2.65	2.39	-9.8%
2402	2.58	2.85	10.5%
2413	2.20	2.19	-0.5%
2416	1.34	1.48	10.4%
2417	1.81	2.02	11.6%
2501	2.19	2.27	3.7%
2503	1.00	1.18	18.0%
2534	1.79	2.24	25.1%
2570	2.65	2.97	12.1%
2585	3.19	3.24	1.6%
2586	1.74	2.20	26.4%
2587	3.90	4.64	19.0%
2589	1.73	1.76	1.7%
2600	1.59	1.41	-11.3%
2623	3.46	4.38	26.6%
2651	2.89	2.95	2.1%
2660	2.20	2.08	-5.5%
2670	1.47	1.66	12.9%
2683	1.68	1.54	-8.3%
2688	4.03	4.28	6.2%
2702	12.56	13.41	6.8%
2705	36.09	33.76	-6.5%
2709	12.56	13.41	6.8%
2710	10.62	10.06	-5.3%
2714	4.07	4.97	22.1%
2727	8.07	7.20	-10.8%
2731	4.26	4.04	-5.2%
2735	3.97	4.15	4.5%
2759	4.88	4.92	0.8%
2790	2.09	2.00	-4.3%
2791	1.74	1.75	0.6%
2797	5.56	5.40	-2.9%
2799	na	2.72	na
2802	3.74	3.91	4.5%
2812	3.69	3.38	-8.4%
2835	2.29	2.63	14.8%
2836	2.47	2.60	5.3%
2841	2.91	3.16	8.6%
2881	2.71	2.93	8.1%
2883	2.73	3.38	23.8%
2913	2.99	3.22	7.7%
2915	4.06	3.73	-8.1%
2916	3.16	3.54	12.0%
2923	2.17	2.16	-0.5%
2942	2.00	2.36	18.0%

North Carolina

Appendix E

Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
2960	3.79	4.15	9.5%
3004	1.62	1.34	-17.3%
3018	2.36	2.34	-0.8%
3022	3.96	4.35	9.8%
3027	2.25	2.15	-4.4%
3028	5.39	4.82	-10.6%
3030	5.91	5.78	-2.2%
3040	4.62	5.40	16.9%
3041	4.13	4.15	0.5%
3042	3.34	4.03	20.7%
3064	5.49	5.36	-2.4%
3069	6.98	6.32	-9.5%
3076	2.84	3.01	6.0%
3081	3.12	3.28	5.1%
3082	4.80	4.82	0.4%
3085	3.58	4.14	15.6%
3110	3.29	3.78	14.9%
3111	3.27	3.12	-4.6%
3113	1.68	1.85	10.1%
3114	2.95	3.54	20.0%
3118	3.19	3.09	-3.1%
3119	0.83	0.98	18.1%
3122	2.31	2.42	4.8%
3126	2.55	2.34	-8.2%
3131	1.21	1.14	-5.8%
3132	2.98	3.21	7.7%
3145	2.03	2.08	2.5%
3146	2.10	2.38	13.3%
3169	2.42	2.95	21.9%
3175	2.62	2.47	-5.7%
3179	1.40	1.53	9.3%
3180	1.99	2.03	2.0%
3188	1.88	1.83	-2.7%
3220	2.12	2.33	9.9%
3223	2.12	2.66	25.5%
3224	2.84	2.82	-0.7%
3227	3.33	3.45	3.6%
3240	2.13	2.03	-4.7%
3241	4.13	3.78	-8.5%
3255	1.70	1.64	-3.5%
3257	2.38	2.54	6.7%
3270	2.08	1.99	-4.3%
3300	4.99	5.05	1.2%
3303	2.96	2.61	-11.8%
3307	4.37	3.77	-13.7%

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Appendix E

Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
3315	4.95	4.75	-4.0%
3334	3.20	3.78	18.1%
3336	2.50	2.77	10.8%
3365	10.05	10.00	-0.5%
3372	2.96	3.42	15.5%
3373	4.04	3.85	-4.7%
3383	1.15	1.18	2.6%
3385	0.90	0.89	-1.1%
3400	2.78	2.86	2.9%
3507	2.23	2.37	6.3%
3515	2.18	2.01	-7.8%
3516	1.46	1.45	-0.7%
3548	1.60	1.57	-1.9%
3559	3.31	3.04	-8.2%
3574	0.85	0.92	8.2%
3581	2.43	2.47	1.6%
3612	1.71	1.81	5.8%
3620	5.55	6.14	10.6%
3629	1.87	1.73	-7.5%
3632	2.79	2.71	-2.9%
3634	1.63	1.60	-1.8%
3635	2.69	2.51	-6.7%
3638	1.66	1.61	-3.0%
3642	0.66	0.77	16.7%
3643	2.43	2.43	0.0%
3647	2.47	2.37	-4.0%
3648	1.24	1.27	2.4%
3681	1.44	1.53	6.3%
3685	1.19	1.17	-1.7%
3719	1.63	1.77	8.6%
3724	5.03	4.65	-7.6%
3726	7.51	9.38	24.9%
3803	2.34	2.27	-3.0%
3807	1.99	2.34	17.6%
3808	2.04	1.95	-4.4%
3821	4.53	5.19	14.6%
3822	5.42	4.98	-8.1%
3824	3.71	3.84	3.5%
3826	1.05	1.07	1.9%
3827	1.18	1.30	10.2%
3830	2.18	1.93	-11.5%
3851	3.22	4.08	26.7%
3865	1.78	1.90	6.7%
3881	3.53	3.72	5.4%
4000	6.76	5.85	-13.5%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
4021	4.97	5.17	4.0%
4024	3.38	3.71	9.8%
4034	5.67	5.85	3.2%
4036	2.58	2.58	0.0%
4038	4.95	4.12	-16.8%
4053	3.22	2.74	-14.9%
4061	5.13	5.25	2.3%
4062	1.76	1.66	-5.7%
4101	1.76	2.23	26.7%
4109	na	0.64	na
4110	na	2.15	na
4111	2.21	2.14	-3.2%
4113	1.67	1.92	15.0%
4114	6.10	5.39	-11.6%
4130	5.33	5.39	1.1%
4131	4.00	4.04	1.0%
4133	2.73	3.10	13.6%
4149	na	0.54	na
4206	2.47	2.97	20.2%
4207	1.21	1.05	-13.2%
4239	3.31	2.68	-19.0%
4240	1.80	1.96	8.9%
4243	2.34	2.09	-10.7%
4244	2.22	2.31	4.1%
4250	1.64	1.52	-7.3%
4251	1.58	1.72	8.9%
4263	3.45	2.66	-22.9%
4273	1.95	2.11	8.2%
4279	1.94	1.95	0.5%
4282	1.82	2.02	11.0%
4283	3.76	4.30	14.4%
4299	1.74	1.95	12.1%
4301	1.13	1.16	2.7%
4304	3.29	3.76	14.3%
4307	1.13	1.14	0.9%
4351	1.00	0.91	-9.0%
4352	1.06	1.10	3.8%
4360	1.40	1.74	24.3%
4361	1.44	1.31	-9.0%
4362	1.19	1.52	27.7%
4410	3.54	3.31	-6.5%
4417	2.53	2.46	-2.8%
4420	7.03	7.31	4.0%
4431	1.56	1.81	16.0%
4432	1.17	1.30	11.1%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
4439	1.48	1.79	20.9%
4452	3.15	3.10	-1.6%
4459	2.47	2.44	-1.2%
4470	1.88	1.96	4.3%
4484	2.58	2.63	1.9%
4493	3.67	3.50	-4.6%
4511	0.48	0.48	0.0%
4557	1.67	1.77	6.0%
4558	1.87	2.01	7.5%
4568	2.16	2.31	6.9%
4581	1.26	1.60	27.0%
4583	5.56	6.23	12.1%
4611	0.64	0.68	6.3%
4635	2.27	2.59	14.1%
4653	2.23	2.42	8.5%
4665	8.73	8.43	-3.4%
4670	3.89	3.91	0.5%
4683	2.17	2.00	-7.8%
4686	1.64	1.74	6.1%
4692	0.58	0.56	-3.4%
4693	0.90	0.86	-4.4%
4703	2.09	1.66	-20.6%
4717	1.99	1.99	0.0%
4720	1.32	1.28	-3.0%
4740	3.19	2.82	-11.6%
4741	1.88	1.61	-14.4%
4751	3.05	3.25	6.6%
4771	2.54	2.35	-7.5%
4777	5.95	6.69	12.4%
4825	1.12	1.07	-4.5%
4828	1.84	1.93	4.9%
4829	1.49	1.84	23.5%
4902	2.29	2.26	-1.3%
4923	1.11	1.01	-9.0%
5020	9.04	8.88	-1.8%
5022	5.51	5.82	5.6%
5037	38.98	40.98	5.1%
5040	35.11	28.02	-20.2%
5057	10.28	11.19	8.9%
5059	44.36	36.51	-17.7%
5069	35.94	39.47	9.8%
5102	5.97	5.86	-1.8%
5146	4.91	5.57	13.4%
5160	5.02	4.80	-4.4%
5183	4.45	4.53	1.8%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
5188	5.26	4.64	-11.8%
5190	4.97	4.84	-2.6%
5191	0.84	0.85	1.2%
5192	4.10	4.14	1.0%
5213	8.54	8.73	2.2%
5215	3.97	3.67	-7.6%
5221	4.06	3.91	-3.7%
5222	9.68	10.44	7.9%
5223	5.46	5.44	-0.4%
5348	4.05	4.85	19.8%
5402	4.64	3.71	-20.0%
5403	9.29	8.40	-9.6%
5437	5.76	5.46	-5.2%
5443	4.66	3.87	-17.0%
5445	7.69	7.62	-0.9%
5462	5.92	5.73	-3.2%
5472	7.63	7.59	-0.5%
5473	7.03	7.94	12.9%
5474	5.91	5.94	0.5%
5478	4.83	4.55	-5.8%
5479	6.27	6.04	-3.7%
5480	6.80	6.76	-0.6%
5491	3.49	4.23	21.2%
5506	7.49	7.48	-0.1%
5507	4.33	3.80	-12.2%
5508	22.94	18.87	-17.7%
5535	6.98	6.32	-9.5%
5537	6.09	5.94	-2.5%
5551	16.90	17.69	4.7%
5606	1.76	1.83	4.0%
5610	6.34	6.88	8.5%
5645	12.46	13.43	7.8%
5651	7.73	9.66	25.0%
5703	20.21	20.36	0.7%
5705	7.83	9.78	24.9%
5951	0.45	0.39	-13.3%
6003	8.39	8.04	-4.2%
6005	5.00	6.25	25.0%
6017	7.80	6.70	-14.1%
6018	2.84	2.95	3.9%
6045	3.50	3.29	-6.0%
6204	14.54	13.34	-8.3%
6206	4.28	4.45	4.0%
6213	3.04	2.87	-5.6%
6214	3.14	3.64	15.9%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
6216	7.81	7.85	0.5%
6217	6.54	6.84	4.6%
6229	4.89	4.58	-6.3%
6233	4.48	3.90	-12.9%
6235	10.88	9.75	-10.4%
6236	16.57	14.36	-13.3%
6237	2.54	2.18	-14.2%
6251	17.88	22.34	24.9%
6252	8.44	9.87	16.9%
6260	6.10	5.99	-1.8%
6306	7.19	6.87	-4.5%
6319	5.57	4.99	-10.4%
6325	10.55	7.92	-24.9%
6400	5.27	5.57	5.7%
6503	na	2.51	na
6504	2.38	2.51	5.5%
6702	12.43	9.33	-24.9%
6703	24.46	18.46	-24.5%
6704	13.81	10.37	-24.9%
6801	3.15	3.55	12.7%
6811	3.26	4.14	27.0%
6824	7.01	8.06	15.0%
6826	6.24	5.50	-11.9%
6834	2.73	2.84	4.0%
6836	4.87	5.25	7.8%
6843	11.03	10.13	-8.2%
6845	13.58	14.11	3.9%
6854	6.12	6.95	13.6%
6872	17.66	16.92	-4.2%
6874	26.52	23.37	-11.9%
6882	4.50	4.27	-5.1%
6884	9.36	9.05	-3.3%
7016	5.70	4.74	-16.8%
7024	6.33	5.27	-16.7%
7038	6.88	6.36	-7.6%
7046	6.99	6.88	-1.6%
7047	11.21	9.38	-16.3%
7050	13.53	12.58	-7.0%
7090	7.64	7.07	-7.5%
7098	7.77	7.64	-1.7%
7099	13.76	13.60	-1.2%
7133	5.23	5.74	9.8%
7151	6.35	6.97	9.8%
7152	12.50	13.79	10.3%
7153	7.06	7.75	9.8%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
7222	12.29	10.72	-12.8%
7228	9.05	8.76	-3.2%
7229	10.30	10.78	4.7%
7230	6.48	5.77	-11.0%
7231	7.07	8.41	19.0%
7232	8.61	9.61	11.6%
7309	18.01	15.34	-14.8%
7313	3.59	3.61	0.6%
7317	8.30	8.31	0.1%
7323	4.73	4.67	-1.3%
7327	9.09	10.45	15.0%
7333	4.83	5.29	9.5%
7335	5.37	5.88	9.5%
7337	9.51	10.47	10.1%
7350	8.83	9.02	2.2%
7360	5.70	5.48	-3.9%
7370	5.05	5.50	8.9%
7380	4.48	4.33	-3.3%
7382	6.00	6.08	1.3%
7390	4.37	4.74	8.5%
7394	11.36	10.51	-7.5%
7395	12.62	11.68	-7.4%
7398	22.35	20.79	-7.0%
7402	0.23	0.21	-8.7%
7403	4.94	4.96	0.4%
7405	1.18	1.49	26.3%
7420	25.28	22.21	-12.1%
7421	1.59	1.58	-0.6%
7422	2.75	2.38	-13.5%
7425	9.43	7.27	-22.9%
7431	4.26	3.29	-22.8%
7445	0.39	0.50	28.2%
7453	1.42	1.10	-22.5%
7502	4.70	4.24	-9.8%
7515	2.11	2.67	26.5%
7520	3.89	3.94	1.3%
7529	7.86	8.65	10.1%
7538	15.56	16.89	8.5%
7539	3.17	3.68	16.1%
7540	5.45	6.72	23.3%
7580	3.10	3.41	10.0%
7590	4.67	5.92	26.8%
7600	4.36	5.38	23.4%
7601	8.45	6.67	-21.1%
7605	3.35	3.24	-3.3%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
7610	0.51	0.51	0.0%
7611	6.64	6.05	-8.9%
7612	9.99	7.50	-24.9%
7613	7.15	7.20	0.7%
7705	5.05	5.50	8.9%
7710	3.78	3.98	5.3%
7711	3.78	3.98	5.3%
7720	2.63	2.76	4.9%
7723	2.88	3.16	9.7%
7855	10.23	7.68	-24.9%
8001	1.61	2.02	25.5%
8002	1.82	2.07	13.7%
8006	2.59	2.75	6.2%
8008	1.43	1.49	4.2%
8010	1.60	1.61	0.6%
8013	0.48	0.49	2.1%
8015	1.01	0.95	-5.9%
8017	1.79	1.80	0.6%
8018	2.22	2.30	3.6%
8021	2.07	2.08	0.5%
8031	2.51	2.52	0.4%
8032	2.30	2.59	12.6%
8033	1.86	1.92	3.2%
8037	na	1.80	na
8039	2.75	2.70	-1.8%
8044	3.83	4.09	6.8%
8045	0.74	0.76	2.7%
8046	2.76	2.62	-5.1%
8047	0.88	1.01	14.8%
8058	2.52	2.59	2.8%
8072	0.87	0.80	-8.0%
8102	2.15	2.16	0.5%
8103	2.74	2.51	-8.4%
8105	3.51	3.31	-5.7%
8106	4.41	4.51	2.3%
8107	3.76	3.64	-3.2%
8111	2.71	2.89	6.6%
8116	3.06	3.49	14.1%
8203	6.62	5.58	-15.7%
8204	3.10	2.92	-5.8%
8209	2.84	3.13	10.2%
8215	3.70	3.49	-5.7%
8227	5.26	5.45	3.6%
8232	3.79	4.27	12.7%
8233	5.65	4.81	-14.9%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
8235	4.80	5.16	7.5%
8236	5.46	5.48	0.4%
8263	10.30	9.08	-11.8%
8264	5.27	4.76	-9.7%
8265	7.69	7.58	-1.4%
8279	6.56	6.53	-0.5%
8288	5.51	5.85	6.2%
8291	7.09	6.67	-5.9%
8292	3.22	3.23	0.3%
8293	8.82	9.33	5.8%
8304	5.22	5.28	1.1%
8350	6.57	7.73	17.7%
8380	2.76	2.72	-1.4%
8381	2.16	2.49	15.3%
8385	3.87	3.84	-0.8%
8392	2.58	2.69	4.3%
8393	2.13	2.04	-4.2%
8500	7.16	6.28	-12.3%
8601	0.81	0.81	0.0%
8602	0.81	0.81	0.0%
8603	0.23	0.21	-8.7%
8606	3.51	3.71	5.7%
8709	3.45	3.96	14.8%
8710	2.43	2.45	0.8%
8719	2.02	2.35	16.3%
8720	1.41	1.51	7.1%
8721	0.55	0.49	-10.9%
8725	1.41	1.51	7.1%
8726	4.02	3.47	-13.7%
8734	0.55	0.54	-1.8%
8737	0.50	0.49	-2.0%
8738	0.98	0.96	-2.0%
8742	0.41	0.40	-2.4%
8745	4.54	4.72	4.0%
8748	0.72	0.64	-11.1%
8755	0.36	0.39	8.3%
8799	0.89	0.93	4.5%
8800	0.89	0.93	4.5%
8803	0.10	0.09	-10.0%
8805	0.31	0.28	-9.7%
8810	0.23	0.21	-8.7%
8814	0.28	0.26	-7.1%
8815	0.55	0.50	-9.1%
8820	0.20	0.17	-15.0%
8824	3.33	3.48	4.5%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
8825	1.92	1.98	3.1%
8826	2.85	2.94	3.2%
8831	1.33	1.41	6.0%
8832	0.35	0.35	0.0%
8833	1.59	1.61	1.3%
8835	2.50	2.51	0.4%
8842	1.95	1.88	-3.6%
8848	2.83	2.76	-2.5%
8849	2.79	2.89	3.6%
8864	1.95	1.88	-3.6%
8868	0.42	0.42	0.0%
8869	0.97	1.00	3.1%
8871	0.26	0.30	15.4%
8901	0.25	0.24	-4.0%
9012	1.32	1.43	8.3%
9014	2.70	2.62	-3.0%
9015	2.61	2.98	14.2%
9016	3.22	3.47	7.8%
9019	1.95	2.01	3.1%
9033	2.10	2.19	4.3%
9040	3.14	2.96	-5.7%
9044	1.55	1.69	9.0%
9052	1.82	2.02	11.0%
9058	1.18	1.32	11.9%
9060	1.37	1.44	5.1%
9061	1.41	1.43	1.4%
9062	1.39	1.54	10.8%
9063	0.92	1.03	12.0%
9077	1.19	1.36	14.3%
9082	1.36	1.41	3.7%
9083	1.32	1.43	8.3%
9084	1.24	1.32	6.5%
9089	0.58	0.67	15.5%
9093	1.45	1.53	5.5%
9101	3.12	3.14	0.6%
9102	2.74	2.70	-1.5%
9154	2.04	2.04	0.0%
9156	2.35	2.80	19.1%
9170	2.70	2.62	-3.0%
9178	8.86	8.31	-6.2%
9179	26.45	23.54	-11.0%
9180	5.22	4.47	-14.4%
9182	2.07	2.14	3.4%
9186	41.00	40.81	-0.5%
9220	4.92	5.68	15.4%

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Advisory Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/10</u>	<u>Proposed 04/01/11</u>	<u>Percent Change</u>
9402	6.06	6.20	2.3%
9403	8.43	8.17	-3.1%
9410	2.01	2.47	22.9%
9501	2.16	2.24	3.7%
9505	3.50	3.07	-12.3%
9516	2.76	3.07	11.2%
9519	3.70	3.76	1.6%
9521	4.19	4.57	9.1%
9522	1.56	1.61	3.2%
9534	8.56	9.64	12.6%
9554	12.05	11.80	-2.1%
9586	0.57	0.60	5.3%
9600	1.91	1.98	3.7%
9620	0.89	0.94	5.6%

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PART III
Supplemental Material

North Carolina G.S. 58-36-15(h) specifies that the following information must be included in all policy form, rule and rate filings filed under Article 36. 11 NCAC 10.1111 specifies that additional detail be provided under each of these items.

Item

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| 1 | North Carolina losses and loss adjustment expenses |
| 2 | Credibility factor development and application |
| 3 | Loss development factor development and application |
| 4 | Trending factor development and application |
| 5 | Changes in premium base and exposures |
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PART III
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11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1 North Carolina losses and loss adjustment expenses, each on paid and incurred bases without trending or other modification for the experience period.
- 1(a) The filer shall include loss and loss adjustment expense data from all companies writing North Carolina workers compensation insurance. In addition, if exposures are used in the calculation of premiums at present rates, the filer shall provide all available exposure data from these companies. If the experience of any company that writes more than one percent of the North Carolina workers compensation written premium has been excluded from any trend or loss development calculations, the filer shall identify the company and its market share and provide an explanation for its exclusion. The filer shall also estimate the aggregate market share of other companies whose experience is excluded from such calculations.

Response

See Exhibit RB-1 for loss and loss adjustment expense data.

See Exhibit RB-1, Appendix A-IV for a list of the companies excluded from the loss cost level and trend calculations. Loss development calculations include only data for matching companies for specific valuations (See Exhibit RB-1, Appendix A-II). Aside from the carriers listed in Appendix A-IV, the aggregate market share of the carriers excluded from any of the loss development link ratio calculations is approximately eight percent.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1(b) If any identifiable group of policies is excluded from the calculation of classification differentials, the filer shall describe those policies, indicate their market share, and provide an explanation for their exclusion.

Response

This request refers to policies excluded from the calculation of "classification differentials." The response has been prepared under the assumption that the interest is in policies excluded from the calculation of the industry group differentials. The Rate Bureau is advised by the National Council on Compensation Insurance as follows:

Industry group differentials distribute the overall pure premium level change among the five industry groups: manufacturing, contracting, office & clerical, goods & services, and miscellaneous. The losses and premium used to derive the industry group differentials are, hence, based on losses and premium from class codes in the five industry groups (See Exhibit RB-1, Appendix A-V). A description of the class codes excluded from this calculation is listed below along with an explanation of their exclusion.

Discontinued class codes - Because loss costs are no longer calculated for these class codes, if data is not reassigned to another class code, the loss and premium experience is not included in the industry group differential calculation.

Disease codes and non-ratable codes - Because of the current ratemaking procedures for these codes, their experience does not directly influence the loss cost calculation. It, therefore, is not considered when determining other class codes' loss costs through the industry group differentials. Loss costs for disease codes and loss costs for non-ratable codes are a certain percentage of their respective ratable portions.

Federal classifications - Loss costs for the federal classes (F-classes) are calculated separately from non F-class loss costs. F-class experience is not allowed to influence the industry group differentials that are used to derive non F-class loss costs.

Maritime codes - The ratemaking procedure for maritime codes varies by class code. Item B-1101 established the combination of rates for several industrial class codes with several F-classifications. Similar to F-classes, we do not allow maritime experience to influence the industry group differentials that are used to derive non-maritime loss costs.

Statistical classifications - The experience reported under statistical classes is not directly associated with a certain code or industry group. For this reason, it is not included in the industry group differential calculation. Examples of experience in this classification category are expense constant premium and the additional premium charged for increased liability limits.

Concerning their percentage of the market share, the excluded data mentioned above normally represents less than 1% of the payroll for the five WCSP policy periods combined.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1(c) The filer shall clearly describe all adjustments to losses, loss adjustment expenses, expenses as defined in G.S. 58-36-100(c), and exposures included in the filing.

Response

See Exhibits RB-1, RB-3, RB-5, and the attached Exhibit 1(c).

North Carolina Policy Year Premium On-level Factors

Section A - Historical Premium Level and Expense Constant Changes

Voluntary Market			Assigned Risk Market		
<u>Date</u>	Pure Premium Level <u>Change</u>	Expense Constant <u>Constant</u>	<u>Date</u>	Premium Level <u>Change</u>	Expense Constant <u>Constant</u>
4/1/97	0.863	n/a	4/1/97	0.868	\$210
4/1/98	0.989	n/a	4/1/98	1.043	----
4/1/00	1.000	n/a	4/1/00	1.000	----
4/1/01	1.046	n/a	4/1/01	1.046	----
4/1/02	0.986	n/a	4/1/02	1.052	----
4/1/03	1.000	n/a	4/1/03	1.000	----
4/1/04	0.990	n/a	4/1/04	1.050	----
4/1/05	1.020	n/a	4/1/05	1.040	----
4/1/06	1.094	n/a	4/1/06	1.087	----
4/1/07	1.073	n/a	4/1/07	1.076	\$250
4/1/08	1.016	n/a	4/1/08	1.041	----
4/1/09	0.956	n/a	4/1/09	0.962	----
4/1/10	0.904	n/a	4/1/10	1.000	----

Section B - Factors adjusting assigned risk and voluntary premium to present pure premium level

	Policy Year <u>2008</u>	Policy Year <u>2007</u>	Policy Year <u>2006</u>	Policy Year <u>2005</u>	Policy Year <u>2004</u>	Policy Year <u>2003</u>	Policy Year <u>2002</u>	Policy Year <u>2001</u>
(1) Assigned Risk Market Share	0.067	0.092	0.115	0.141	0.147	0.154	0.132	0.085
(2) Voluntary Market Share	0.933	0.908	0.885	0.859	0.853	0.846	0.868	0.915
(3) Assigned Risk Standard Prem. Adj. Factor	0.605	0.642	0.704	0.810	0.844	0.871	0.886	0.926
(4) Voluntary Standard Prem. Adj. Factor	0.868	0.897	0.969	1.036	1.048	1.041	1.038	1.040
(5) Current Premium Index A/R to Voluntary	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469
(6) Final Premium Adjustment Factor = [((1)x(3))/(5) + (2)x(4)]	0.838	0.854	0.913	0.968	0.978	0.972	0.981	1.006

North Carolina Policy Year Loss On-level Factors

Section C - Historical Benefit Level Changes

Indemnity		Medical	
	Benefit Level		Benefit Level
<u>Date</u>	<u>Change</u>	<u>Date</u>	<u>Change</u>
1/1/97	1.004	1/1/97	1.000
1/1/98	1.006	1/1/98	1.000
1/1/99	1.006	1/1/99	1.000
1/1/00	1.007	1/1/00	1.000
1/1/01	1.008	1/1/01	1.000
1/1/02	1.009	1/1/02	1.000
1/1/03	1.007	1/1/03	1.000
1/1/04	1.012	1/1/04	1.000
1/1/05	1.003	1/1/05	1.000
1/1/06	1.001	1/1/06	1.000
1/1/07	1.009	1/1/07	1.000
1/1/08	1.004	1/1/08	1.000
1/1/09	1.006	1/1/09	1.000
1/1/10	1.005	1/1/10	1.000

Section D - Factors adjusting policy year indemnity and medical losses to present benefit level

[illegible]

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1(d) The filer shall provide the latest available written and earned premiums and market shares for the ten largest writers of North Carolina workers compensation insurance.

Response

See attached Exhibit 1(d).

Ten Largest Writers of Workers Compensation Insurance in North Carolina

	<u>Written Premium</u>	<u>Earned Premium</u>	Written Premium Market <u>Share</u>
Liberty Mutual Insurance Group	127,864	144,033	11.0%
Hartford Fire & Casualty Group	108,948	111,496	9.4%
American International Group	94,863	110,035	8.2%
Travelers Group	79,283	83,590	6.8%
WR Berkley Group	75,857	83,494	6.5%
Zurich Insurance Group	60,110	59,664	5.2%
Builders Group	49,241	49,586	4.2%
James River Group	36,048	38,119	3.1%
Blue Cross & Blue Shield of MI Group	28,336	29,903	2.4%
ACE Ltd Group	25,888	26,053	2.2%

Note: The premium figures are based on calendar year 2009 NAIC data and shown in thousands of dollars.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

1(e) The filer shall provide the following information on losses and loss adjustment expenses:

- (i) For each of the latest three available accident and calendar years, undeveloped and untrended losses and loss adjustment expenses;
- (ii) For each accident year and policy year included in the filing, paid losses, case basis reserves, loss development, incurred allocated loss adjustment expenses (if collected separately from losses), incurred unallocated (or combined allocated and unallocated) loss adjustment expenses, applied trend factors, and trended incurred losses and loss adjustment expenses.

Response

- (i) See attached Exhibit 1(e), page 1*.
- (ii) See attached Exhibit 1(e), page 1 for paid losses and case basis reserves.

See RB-1, Appendix A-II for loss development.

See RB-1, Exhibit II and attached Exhibit 1(e), page 2 for loss adjustment expense data*.

See RB-1, Appendix A-III and Exhibit I for the applied trend factors and trended losses.

* The Rate Bureau is advised by NCCI that loss adjustment expense data on a policy year and accident year basis by state is not regularly collected. In North Carolina, NCCI collects such data through a special Financial Call. The results are attached as Exhibit 1(e), page 2. Note that not all large companies have responded to the Call and this data has not been used in any loss cost level calculations.

Undeveloped and untrended losses and loss adjustment expenses

North Carolina

	Accident Year	Accident Year	Calendar Year	Calendar Year
	Direct Losses	Direct LAE	Direct Losses	Direct LAE
<u>Year</u>	<u>Incurred*</u>	<u>Incurred</u>	<u>Incurred</u>	<u>Incurred</u>
2007	819,467,472	+	911,021,044	151,349,425
2008	817,507,951	+	926,822,362	151,771,659
2009	719,226,671	+	829,301,157	146,085,934

Policy year paid losses and case basis reserves

North Carolina

	Indemnity	Indemnity	Medical	Medical
	<u>Paid Losses</u>	<u>Case Reserves</u>	<u>Paid Losses</u>	<u>Case Reserves</u>
<u>Policy Year*</u>				
2001	295,242,189	15,251,187	210,239,854	14,730,804
2002	298,014,295	20,119,506	224,093,956	25,310,675
2003	316,223,479	27,984,634	242,537,276	31,035,206
2004	327,933,552	38,451,629	280,434,236	43,683,423
2005	309,537,317	53,130,057	278,775,569	40,726,855
2006	274,635,122	75,394,202	271,052,910	57,199,491
2007	225,341,551	107,333,480	260,728,154	71,990,776
2008	102,346,869	115,880,223	181,944,386	104,580,317

* AY and PY data is valued as of 12/31/09.

+ AY LAE data by state is not collected in the Calendar-Accident Year Call for Experience.

North Carolina Loss Adjustment Expense Data *

Policy Year

Policy Year [^]	Defense & Cost Containment Expense		Adjusting & Other Expense		Total LAE	
	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>
2004	45,547,679	14,560,683	47,716,664	7,491,155	93,264,343	22,051,838
2005	44,528,682	20,773,231	50,238,381	11,226,566	94,767,063	31,999,797
2006	42,173,481	29,879,979	50,290,188	15,291,024	92,463,669	45,171,003
2007	38,250,347	39,680,520	43,323,470	19,140,364	81,573,817	58,820,884
2008	20,923,622	53,575,405	31,574,732	25,839,985	52,498,354	79,415,390

Accident Year

Accident Year [^]	Defense & Cost Containment Expense		Adjusting & Other Expense		Total LAE	
	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>
2004	42,583,902	13,638,643	45,765,243	6,864,346	88,349,145	20,502,989
2005	44,588,218	18,222,717	48,841,364	9,270,298	93,429,582	27,493,015
2006	42,408,074	26,686,371	49,379,166	12,404,029	91,787,240	39,090,400
2007	40,964,276	35,123,147	48,314,249	17,236,062	89,278,525	52,359,209
2008	30,893,292	50,312,229	38,804,858	23,859,735	69,698,150	74,171,964
2009	8,761,151	64,807,187	24,870,782	35,112,241	33,631,933	99,919,428

Calendar Year

Calendar Year	Defense & Cost Containment Expense		Adjusting & Other Expense		Total LAE	
	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>
2004	40,130,156	173,796,039	48,916,643	69,259,965	89,046,799	243,056,004
2005	44,101,616	168,155,579	58,719,687	80,885,735	102,821,303	249,041,314
2006	50,020,095	202,494,568	68,675,507	94,380,677	118,695,602	296,875,245
2007	52,316,212	228,806,690	74,180,630	97,301,004	126,496,842	326,107,694
2008	60,635,650	241,774,427	73,542,810	98,473,364	134,178,460	340,247,791
2009	66,282,840	251,472,292	66,321,744	110,918,894	132,604,584	362,391,186

* Please see the response to Item 1(e).

[^] PY and AY data is valued as of 12/31/09

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 2 Credibility factor development and application. The filer shall provide all information related to the derivation of all credibility factors contained in the filing, including the following:
- (a) A description of all data reviewed;
 - (b) A complete description of the methodology used to derive these factors;
 - (c) A description of alternative methodologies used in the last three years;
 - (d) A description of the criteria used to select a methodology;
 - (e) Specific details on the application of these criteria in the selection of a methodology for this filing;
 - (f) Details on the application of the methodology to this filing.

Response

Credibility is utilized in the filing in three areas: with the Workers Compensation Statistical Plan data, in the trend selection process, and with the Revised Experience Rating Plan data. Each of these areas is separately responded to below.

- I. Workers Compensation Statistical Plan data: See attached Exhibit 2 (pages 1-3) and RB-1, Appendices A-V and B-I.
- II. Trend: See attached Exhibit 2 (page 4), RB-1, Appendix A-III, RB-3, and RB-5.
- III. Revised Experience Rating Plan data: See attached Exhibit 2 (pages 5-6) and RB-1, Exhibit III.

The following is a memorandum regarding credibility factor development and application. The NCRB has used credibility procedures in each of the previous three loss cost/rate filings as well as in this filing.

Industry Group Differentials:

NCCI employs five industry group classifications. In some states, the volume of data in the industry groups is relatively low, potentially allowing random fluctuations to influence the industry group differentials. A credibility-weighting procedure is used to minimize such random fluctuations.

The procedure implemented essentially weights the indicated industry group change with the statewide change depending on the indemnity claim count volume in each industry group. The full credibility standard (i.e., the number of compensable claims needed for full credibility) is 12,000 lost-time claims for each industry group. (This full credibility standard was also used in last year's North Carolina filing. In the North Carolina filings effective 4/1/08 and 4/1/09, the full credibility standard varied by industry group.) Partial credibilities are calculated using the square root of the ratio of actual compensable cases to the applicable full credibility standard.

The determined full credibility standards and the partial credibility formula were a result of NCCI's examination of the inherent variability in each industry group. These standards were chosen to moderate the effect of random fluctuations in the industry group differentials.

Pure Premium Calculation:

The workers compensation classification ratemaking methodology relies on three estimates of the class pure premiums: the indicated pure premium (based on the latest available class experience for the state), the present-on-rate level pure premium (based on the prior pure premium update by the industry group change), and the national pure premium (based on class data nationally). The final (derived by formula) pure premium is a credibility-weighted combination of these three component pure premiums.

The credibility weights are based on the volume of information used to calculate the pure premiums. Expected losses are used to measure the volume of data for a class. Expected losses for a class are calculated by taking the pure premium underlying the current loss costs, adjusting it to the proposed level, and multiplying by payroll (in hundreds). This is done separately for indemnity and medical. The volume of expected losses required for 100% credibility is as follows:

Indemnity	850 x indemnity average cost per case
Medical	400 x medical average cost per case

Note that the medical average cost per case is computed as total medical loss dollars (including medical-only) divided by the number of lost-time claims. (This methodology was also used in last year's North Carolina filing. In the North Carolina filings effective 4/1/08 and 4/1/09, the volume of expected losses was computed separately for serious, non-serious, and medical losses.)

The credibility applied to the indicated pure premiums is calculated via the following state partial credibility formula:

$$\text{State Partial Credibility} = \left[\frac{\text{Expected Losses}}{\text{Full Credibility Standard}} \right]^{0.4}$$

For the pure premiums indicated by national relativity, credibility is determined by the number of actual cases. The full credibility standards, which are based on three years of data, are as follows:

Indemnity	1,150 compensable cases
Medical	1,000 compensable cases

(This methodology was also used in last year's North Carolina filing. In the North Carolina filings effective 4/1/08 and 4/1/09, the full credibility standards were computed separately for serious, non-serious, and medical losses.)

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

$$\text{National Credibility} = \text{The smaller of} \\ \left[\frac{\text{Cases Nationally}}{\text{Full Credibility Standard}} \right]^{0.4} \text{ and } \left[\frac{(1 - \text{state credibility})}{2} \right]$$

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

An empirical study was performed to determine what full credibility standards and what partial credibility formula should be used to limit the fluctuations in the formula pure premiums.

North Carolina

Credibility Criteria - Policy Period 1/1/07 to 12/31/07

	(1)	(2)	(3)	(4)
Loss Group	Lost-Time Cases	Converted Indicated Losses*	Average Cost Per Case [(2) / (1)]	Index for Credibility
Indemnity	100,618	4,132,634,653	41,073	850
Medical	100,618	4,515,765,255	44,880	400
Total		8,648,399,908		

	(5)	(6)	(7)	(8)
Injury Group	Converted Expected Losses**	Adjustment of Indicateds to Expecteds (5) / (2)	Full Standard for State Credibility (Expected Losses) [(3)x(4)]xtot(6)	Full Standard for National Credibility (Lost-Time Cases)
Indemnity	3,489,140,261		28,732,617	1,150
Medical	3,632,582,605		14,774,496	1,000
Total	7,121,722,866	0.823		

State credibility exponent: 0.4

National credibility exponent: 0.4

Percentage of the complement of state credibility that the national credibility is limited to: 50%

* These expected unlimited losses are at ultimate, on-level, trended, and include the proposed experience and loss-based expense changes as well as any miscellaneous premium adjustments.

** These expected losses are payroll extended underlying pure premiums adjusted to include the proposed experience, trend, benefit and loss-based expense changes as well as any miscellaneous premium adjustments.

The following memorandum describes the credibility procedures employed in the trend selection process. The NCRB has used the procedures described herein in the previous three loss cost/rate filings. For the procedures used by the NCRB in this filing, see Exhibit RB-1, Appendix A-III, Exhibit RB-3, and Exhibit RB-5.

NCCI measures credibility of state trends by loss volume in the experience period, a "Bayesian" credibility approach. The standard formula is as follows:

$$Z_k = \frac{V_k}{V_k + C_k}$$

where V_k is the total losses in the experience period and C_k is the constant of credibility. The subscript k denotes either indemnity or medical. The credibility constants used in the NCCI formula are $C_i = \$350,000,000$ for indemnity and $C_m = \$500,000,000$ for medical.

This approach was adopted in response to the examination of NCCI for the NAIC. At the conclusion of that examination, several specific recommendations were made concerning trend procedures in Volume V - Section II B - Part 3 of the examination. Under the topic of "Credibility and the Credibility Complement," the following statements are made:

"We concluded that a Bayesian credibility approach is theoretically preferable to the classical approach. The important distinction is that, in a Bayesian approach, credibility is assigned based on the relative predictive value of the state indications and the credibility complement. We recommend NCCI move toward the adoption of a Bayesian credibility approach unless subsequent investigation reveals an unanticipated problem." p.7

"We recommend that the Bayesian approach, based on prediction errors be pursued,..." p.8

These two recommendations were adopted: use a Bayesian approach and base it on predictive accuracy.

In order to evaluate different credibility standards, a database of indemnity and medical on-level loss ratios, by state and year, was created. The purpose was to use ex-ante testing of hypothetical trend models to see which model was best able to predict subsequent loss ratios by state. It was determined that credibilities in the form shown above tended to produce lower prediction errors than the classical goodness-of-fit approach. Particularly for indemnity, the form yielded significant improvement over the then-current classical approach. For medical, results were more equivocal but no worse than the classical approach. Because of the sound theoretical support for credibilities measured by volume in such a formula, the new form for both indemnity and medical trend credibility is employed.

The selected credibility constants have the following characteristics:

- 1) They keep the squared error reasonably low;
- 2) They keep the weighted average error reasonably low; and
- 3) They result in high average state credibilities, giving greater recognition to the states' own trend.

The new average credibilities, which are higher than the old for indemnity trend, are believed to make a great deal of intuitive sense. Indemnity awards are very much a function of state law and state administrative practices, so within-state experience would have a great bearing on future results. Medical trend is more of a national, socio-economic phenomenon, so one would expect the countrywide experience to provide more meaningful information as respects the state.

The following memorandum describes the Revised Experience Rating Plan (RERP) parameters as well as the improvements to RERP when the Revised Experience Rating Plan with Graduated Tables was approved in North Carolina (10/1/96). In addition, the Experience Rating Adjustment (ERA) approved in North Carolina effective 4/1/99 is also discussed. RERP with Graduated Tables as well as the modifications attributable to ERA have been included in the previous three loss cost/rate filings as well as in this filing.

Revised Experience Rating Plan (RERP)

The objective of RERP is to modify the manual rate to more equitably reflect an insured's loss experience. The current formula for the experience modification is:

$$M = \frac{Ap + WAe + (1 - W)Ee + B}{E + B}$$

where

A	= actual losses,
E	= expected losses,
P	= primary losses,
e	= excess losses,
B	= primary credibility ballast, and
W	= excess weighting factor.

Under the RERP formulas, the plan parameters are:

$$B = E[0.10 + 2,500g/(E + 700g)],$$

subject to a minimum of 7,500 without graduated tables and 2,500g with graduated tables

and the intermediate value,

$C = E[0.75 + 200,000g/(E + 5,100g)]$ (prior to ERA) and

$$C = E[0.375 + 148,087.5q/(E + 5,100q)] \text{ (after ERA),}$$

subject to a minimum of 150,000 without graduated tables and 60,000g with graduated tables

where $g = \text{SRP}/250,000$ and SRP = State Reference Point, calculated as 250 times the average cost per case by state.

$$W = \frac{E + B}{E + C}$$

For each value of g we further require that the value of W not increase as E , the expected losses of an insured employer, decreases.

The above formulas are valid for all rated risks, with appropriate rounding for tabular presentation.

In particular, it will be noted that in all cases, $W < 1$ and $B > 0$. This means no risk's rate will be completely determined by its own experience. The SRP will be retained for use in calculating limitations on ratable individual losses and q , the scale factor, by state.

Primary losses are calculated as the first \$5,000 of every loss, which means the total loss for losses smaller than \$5,000. Excess losses, if any, are calculated as the total loss, limited to 10% of the SRP, less the primary portion as calculated above. Under ERA, this primary/excess split point is indexed for countrywide inflation and future adjustments to the current \$5,000 may be made as indicated.

Maximum values are established for experience modifications for insureds in the small size categories. The following listing shows the applicable limit by size under RERP without graduated tables:

<u>Expected Losses</u>	<u>Modification Losses</u>
\$0 to 5,000	1.6
\$5,000 to 10,000	1.8
\$10,000 to 15,000	2.0

Under RERP with graduated tables, the limit is a function of E (the expected losses of the insured during the experience period) and the g value mentioned above. It applies to all ratings and is as follows:

$$CAP = 1 + .00005 (E + 2 E / g)$$

Debit modifications for interstate rated risks are limited by the effective cap in the state of largest expected losses.

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- 3(a) The filer shall provide all information related to the derivation of all loss development factors contained in the filing, including the following:
- (i) A description of all data reviewed
 - (ii) A complete description of the methodology used to derive these factors;
 - (iii) A description of alternative methodologies used in the last three years;
 - (iv) A description of the criteria used to select a methodology;
 - (v) Specific details on the application of these criteria in the selection of a methodology for this filing;
 - (vi) Details on the application of the methodology to this filing.

Response

- (i) See Exhibits RB-1, RB-3, and RB-5.
- (ii) See Exhibits RB-1, RB-3, and RB-5.
- (iii) The methodologies used in the previous three filings are similar to those used in the current filing.
- (iv) See Exhibits RB-1, RB-3, and RB-5.
- (v) See Exhibits RB-1, RB-3, and RB-5.
- (vi) See Exhibits RB-1, RB-3, and RB-5.

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- 3(b) The filer shall provide at least the latest five available years of the aggregate loss data described in Sub-items (3)(b)(i) through (iii) of this Rule for matching companies for all pairs of successive evaluation dates. The filer shall also provide the corresponding loss development factors and five-year average factors derivable from the data.
- (i) Data on both a policy year and an accident year basis;
 - (ii) Data separated into indemnity and medical portions, as well as combined data;
 - (iii) Data separated into paid, case incurred and incurred but not reported* portions, as well as combined data.

Response

See attached Exhibit 3(b) for all requested data.

Note: Incurred losses are defined as paid losses plus case, bulk, and IBNR reserves.

* The Rate Bureau is advised by NCCI that IBNR reserves are not collected on the policy year financial calls.

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Policy Year Development Factors

	Indemnity Losses			Medical Losses			Total Losses		
	1st	2nd	Dev't	1st	2nd	Dev't	1st	2nd	Dev't
PY03	81,669,544	169,550,507	2.076	141,367,203	191,615,210	1.355	223,036,747	361,165,717	1.619
PY04	88,526,971	184,237,158	2.081	168,098,166	222,992,438	1.327	256,625,137	407,229,596	1.587
PY05	94,208,606	187,795,693	1.993	177,598,690	235,252,553	1.325	271,807,296	423,048,246	1.556
PY06	94,835,476	198,243,655	2.090	182,614,797	242,824,931	1.330	277,450,273	441,068,586	1.590
PY07	109,045,024	225,323,486	2.066	195,149,939	260,816,153	1.336	304,194,963	486,139,639	1.598
2-yr avg			2.078			1.333			1.594
3-yr avg			2.050			1.330			1.581
4-yr avg			2.058			1.330			1.583
5-yr avg			2.061			1.335			1.590
	Indemnity Losses			Medical Losses			Total Losses		
	2nd	3rd	Dev't	2nd	3rd	Dev't	2nd	3rd	Dev't
PY02	146,748,171	207,169,361	1.412	170,820,552	193,381,956	1.132	317,568,723	400,551,317	1.261
PY03	169,173,858	235,148,973	1.390	191,257,031	214,849,101	1.123	360,430,889	449,998,074	1.249
PY04	185,706,594	259,294,234	1.396	224,797,860	250,505,871	1.114	410,504,454	509,800,105	1.242
PY05	189,859,419	267,952,246	1.411	236,971,708	264,031,847	1.114	426,831,127	531,984,093	1.246
PY06	194,887,600	271,389,614	1.393	238,038,175	266,644,820	1.120	432,925,775	538,034,434	1.243
2-yr avg			1.402			1.117			1.245
3-yr avg			1.400			1.116			1.244
4-yr avg			1.398			1.118			1.245
5-yr avg			1.400			1.121			1.248
	Indemnity Losses			Medical Losses			Total Losses		
	3rd	4th	Dev't	3rd	4th	Dev't	3rd	4th	Dev't
PY01	192,513,720	240,646,357	1.250	178,754,503	190,320,310	1.065	371,268,223	430,966,667	1.161
PY02	202,694,903	241,580,116	1.192	187,740,748	199,534,749	1.063	390,435,651	441,114,865	1.130
PY03	235,958,500	277,140,060	1.175	215,374,083	227,669,454	1.057	451,332,583	504,809,514	1.118
PY04	261,882,728	305,405,744	1.166	252,233,992	267,869,807	1.062	514,116,720	573,275,551	1.115
PY05	262,105,864	305,872,105	1.167	258,593,727	275,167,411	1.064	520,699,591	581,039,516	1.116
2-yr avg			1.167			1.063			1.116
3-yr avg			1.169			1.061			1.116
4-yr avg			1.175			1.062			1.120
5-yr avg			1.190			1.062			1.128
	Indemnity Losses			Medical Losses			Total Losses		
	4th	5th	Dev't	4th	5th	Dev't	4th	5th	Dev't
PY00	226,932,508	251,324,921	1.107	185,360,171	194,062,434	1.047	412,292,679	445,387,355	1.080
PY01	238,864,679	263,044,765	1.101	188,911,794	196,408,433	1.040	427,776,473	459,453,198	1.074
PY02	248,802,263	274,630,588	1.104	207,823,708	216,514,620	1.042	456,625,971	491,145,208	1.076
PY03	278,316,882	301,279,611	1.083	228,603,701	237,065,466	1.037	506,920,583	538,345,077	1.062
PY04	300,549,792	325,554,980	1.083	263,923,316	278,185,789	1.054	564,473,108	603,740,769	1.070
2-yr avg			1.083			1.046			1.066
3-yr avg			1.090			1.044			1.069
4-yr avg			1.093			1.043			1.071
5-yr avg			1.096			1.044			1.072
	Indemnity Losses			Medical Losses			Total Losses		
	5th	6th	Dev't	5th	6th	Dev't	5th	6th	Dev't
PY99	242,782,052	262,458,419	1.081	186,505,550	192,446,986	1.032	429,287,602	454,905,405	1.060
PY00	249,539,460	268,549,230	1.076	186,727,679	193,704,612	1.037	436,267,139	462,253,842	1.060
PY01	265,931,739	286,024,915	1.076	198,395,379	206,478,736	1.041	464,327,118	492,503,651	1.061
PY02	275,744,220	292,006,074	1.059	217,356,917	222,506,971	1.024	493,101,137	514,513,045	1.043
PY03	300,788,828	317,220,651	1.055	236,643,848	242,972,083	1.027	537,432,676	560,192,734	1.042
2-yr avg			1.057			1.026			1.043
3-yr avg			1.063			1.031			1.049
4-yr avg			1.067			1.032			1.052
5-yr avg			1.069			1.032			1.053
	Indemnity Losses			Medical Losses			Total Losses		
	6th	7th	Dev't	6th	7th	Dev't	6th	7th	Dev't
PY98	241,242,654	251,523,803	1.043	183,943,204	190,132,540	1.034	425,185,858	441,656,343	1.039
PY99	263,645,378	274,494,778	1.041	192,358,245	196,966,382	1.024	456,003,623	471,461,160	1.034
PY00	272,912,949	282,306,313	1.034	204,894,905	209,703,604	1.023	477,807,854	492,009,917	1.030
PY01	286,359,165	297,002,128	1.037	206,710,355	211,862,048	1.025	493,069,520	508,864,176	1.032
PY02	289,885,367	298,187,937	1.029	221,372,205	224,399,058	1.014	511,257,572	522,586,995	1.022
2-yr avg			1.033			1.020			1.027
3-yr avg			1.033			1.021			1.028
4-yr avg			1.035			1.022			1.030
5-yr avg			1.037			1.024			1.031

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Policy Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
PY97	166,900,799	171,336,517	1.027	125,155,963	126,888,543	1.014	292,056,762	298,225,060	1.021
PY98	250,409,986	259,727,243	1.037	188,084,184	191,713,911	1.019	438,494,170	451,441,154	1.030
PY99	277,528,993	284,863,772	1.026	198,989,732	202,335,680	1.017	476,518,725	487,199,452	1.022
PY00	283,929,555	291,593,303	1.027	210,498,733	214,476,545	1.019	494,428,288	506,069,848	1.024
PY01	288,329,455	294,097,719	1.020	206,536,151	209,778,671	1.016	494,865,606	503,876,390	1.018
2-yr avg			1.024			1.018			1.021
3-yr avg			1.024			1.017			1.021
4-yr avg			1.028			1.018			1.024
5-yr avg			1.027			1.017			1.023
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
PY96	134,914,278	137,187,302	1.017	105,360,091	106,645,503	1.012	240,274,369	243,832,805	1.015
PY97	169,345,600	170,867,075	1.009	125,108,414	126,999,315	1.015	294,454,014	297,866,390	1.012
PY98	263,117,679	267,125,132	1.015	195,356,125	198,376,369	1.015	458,473,804	465,501,501	1.015
PY99	287,128,126	292,073,820	1.017	204,450,053	207,389,533	1.014	491,578,179	499,463,353	1.016
PY00	279,697,270	283,336,327	1.013	204,145,498	207,279,440	1.015	483,842,768	490,615,767	1.014
2-yr avg			1.015			1.015			1.015
3-yr avg			1.015			1.015			1.015
4-yr avg			1.014			1.015			1.014
5-yr avg			1.014			1.014			1.014
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
PY95	116,277,657	117,657,744	1.012	97,045,935	98,108,190	1.011	213,323,592	215,765,934	1.011
PY96	138,023,838	139,371,012	1.010	107,168,632	108,636,350	1.014	245,192,470	248,007,362	1.011
PY97	175,063,991	176,384,210	1.008	129,964,612	131,347,525	1.011	305,028,603	307,731,735	1.009
PY98	269,814,468	274,099,545	1.016	200,779,871	207,133,252	1.032	470,594,339	481,232,797	1.023
PY99	274,922,314	278,680,077	1.014	195,676,252	198,710,855	1.016	470,598,566	477,390,932	1.014
2-yr avg			1.015			1.024			1.019
3-yr avg			1.013			1.020			1.015
4-yr avg			1.012			1.018			1.014
5-yr avg			1.012			1.017			1.014
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
PY94	117,482,556	118,544,357	1.009	94,750,065	95,107,138	1.004	212,232,621	213,651,495	1.007
PY95	118,655,456	120,579,776	1.016	98,981,674	101,623,782	1.027	217,637,130	222,203,558	1.021
PY96	140,326,496	141,729,996	1.010	109,345,254	109,989,759	1.006	249,671,750	251,719,755	1.008
PY97	178,610,205	180,121,734	1.008	133,500,549	134,241,440	1.006	312,110,754	314,363,174	1.007
PY98	261,873,017	264,020,616	1.008	196,363,151	198,043,995	1.009	458,236,168	462,064,611	1.008
2-yr avg			1.008			1.008			1.008
3-yr avg			1.009			1.007			1.008
4-yr avg			1.011			1.012			1.011
5-yr avg			1.010			1.010			1.010
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
PY93	145,476,653	146,417,271	1.006	128,045,553	129,031,366	1.008	273,522,206	275,448,637	1.007
PY94	120,158,698	120,645,208	1.004	96,136,352	96,339,186	1.002	216,295,050	216,984,394	1.003
PY95	120,579,776	121,127,180	1.005	101,623,782	102,073,572	1.004	222,203,558	223,200,752	1.004
PY96	144,084,133	145,327,251	1.009	112,017,393	113,118,714	1.010	256,101,526	258,445,965	1.009
PY97	174,383,897	175,071,793	1.004	130,267,942	131,166,134	1.007	304,651,839	306,237,927	1.005
2-yr avg			1.007			1.009			1.007
3-yr avg			1.006			1.007			1.006
4-yr avg			1.006			1.006			1.005
5-yr avg			1.006			1.006			1.006
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
PY92	182,240,054	183,232,276	1.005	158,045,157	159,004,766	1.006	340,285,211	342,237,042	1.006
PY93	147,631,112	149,721,154	1.014	129,923,139	132,195,680	1.017	277,554,251	281,916,834	1.016
PY94	120,645,208	121,138,283	1.004	96,339,186	96,783,954	1.005	216,984,394	217,922,237	1.004
PY95	123,082,900	123,333,151	1.002	104,205,429	104,886,270	1.007	227,288,329	228,219,421	1.004
PY96	144,046,997	144,893,753	1.006	112,475,027	113,175,163	1.006	256,522,024	258,068,916	1.006
2-yr avg			1.004			1.007			1.005
3-yr avg			1.004			1.006			1.005
4-yr avg			1.007			1.009			1.008
5-yr avg			1.006			1.008			1.007

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Policy Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>
PY91	237,999,860	240,108,890	1.009	198,048,690	199,579,308	1.008	436,048,550	439,688,198	1.008
PY92	184,994,633	185,989,955	1.005	160,498,184	161,497,527	1.006	345,492,817	347,487,482	1.006
PY93	149,721,154	150,485,070	1.005	132,195,680	132,905,788	1.005	281,916,834	283,390,858	1.005
PY94	122,087,502	122,399,779	1.003	97,626,014	97,787,650	1.002	219,713,516	220,187,429	1.002
PY95	123,053,958	123,286,034	1.002	104,522,878	104,961,338	1.004	227,576,836	228,247,372	1.003
2-yr avg			1.003			1.003			1.003
3-yr avg			1.003			1.004			1.003
4-yr avg			1.004			1.004			1.004
5-yr avg			1.005			1.005			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>
PY90	250,571,471	251,745,579	1.005	196,307,209	197,030,062	1.004	446,878,680	448,775,641	1.004
PY91	242,076,291	242,974,065	1.004	201,532,796	203,070,981	1.008	443,609,087	446,045,046	1.005
PY92	185,989,955	186,521,446	1.003	161,497,527	162,781,670	1.008	347,487,482	349,303,116	1.005
PY93	150,026,819	150,446,284	1.003	129,697,219	130,224,670	1.004	279,724,038	280,670,954	1.003
PY94	122,238,615	122,472,745	1.002	97,474,476	97,888,934	1.004	219,713,091	220,361,679	1.003
2-yr avg			1.003			1.004			1.003
3-yr avg			1.003			1.005			1.004
4-yr avg			1.003			1.006			1.004
5-yr avg			1.003			1.006			1.004
	Indemnity Losses			Medical Losses			Total Losses		
	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>
PY89	244,330,232	245,271,940	1.004	188,295,668	189,021,668	1.004	432,625,900	434,293,608	1.004
PY90	253,994,277	255,280,595	1.005	198,575,897	199,445,295	1.004	452,570,174	454,725,890	1.005
PY91	242,974,065	244,698,859	1.007	203,070,981	204,756,710	1.008	446,045,046	449,455,569	1.008
PY92	185,675,857	186,518,529	1.005	162,315,727	163,509,069	1.007	347,991,584	350,027,598	1.006
PY93	150,280,820	150,730,815	1.003	130,035,132	130,463,267	1.003	280,315,952	281,194,082	1.003
2-yr avg			1.004			1.005			1.005
3-yr avg			1.005			1.006			1.006
4-yr avg			1.005			1.006			1.006
5-yr avg			1.005			1.005			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>
PY88	199,622,127	200,382,120	1.004	158,808,967	159,445,684	1.004	358,431,094	359,827,804	1.004
PY89	246,728,295	247,358,433	1.003	189,818,340	190,446,677	1.003	436,546,635	437,805,110	1.003
PY90	255,280,595	256,658,390	1.005	199,445,295	200,317,499	1.004	454,725,890	456,975,889	1.005
PY91	244,104,790	244,832,659	1.003	204,380,844	205,845,683	1.007	448,485,634	450,678,342	1.005
PY92	185,316,859	185,865,484	1.003	162,650,521	163,533,697	1.005	347,967,380	349,399,181	1.004
2-yr avg			1.003			1.006			1.005
3-yr avg			1.004			1.005			1.005
4-yr avg			1.004			1.005			1.004
5-yr avg			1.004			1.005			1.004
	Indemnity Losses			Medical Losses			Total Losses		
	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>
PY87	164,785,479	165,894,147	1.007	129,110,189	129,580,710	1.004	293,895,668	295,474,857	1.005
PY88	200,822,184	201,703,092	1.004	159,755,313	160,403,729	1.004	360,577,497	362,106,821	1.004
PY89	247,358,433	248,167,158	1.003	190,446,677	191,308,557	1.005	437,805,110	439,475,715	1.004
PY90	255,826,799	256,791,402	1.004	199,914,129	200,907,394	1.005	455,740,928	457,698,796	1.004
PY91	243,974,258	244,935,258	1.004	205,208,504	206,845,844	1.008	449,182,762	451,781,102	1.006
2-yr avg			1.004			1.007			1.005
3-yr avg			1.004			1.006			1.005
4-yr avg			1.004			1.006			1.005
5-yr avg			1.004			1.005			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>
PY86	85,264,200	85,522,095	1.003	69,979,386	70,142,225	1.002	155,243,586	155,664,320	1.003
PY87	166,616,825	167,173,548	1.003	129,926,629	130,504,735	1.004	296,543,454	297,678,283	1.004
PY88	201,703,092	202,691,425	1.005	160,403,729	161,309,606	1.006	362,106,821	364,001,031	1.005
PY89	247,621,041	247,981,035	1.001	191,076,849	191,765,366	1.004	438,697,890	439,746,401	1.002
PY90	256,294,149	257,065,036	1.003	200,346,202	201,169,378	1.004	456,640,351	458,234,414	1.003
2-yr avg			1.002			1.004			1.003
3-yr avg			1.003			1.005			1.003
4-yr avg			1.003			1.005			1.004
5-yr avg			1.003			1.004			1.003

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Policy Year Development Factors

	Indemnity Losses			Medical Losses			Total Losses		
	1st	2nd	Dev't	1st	2nd	Dev't	1st	2nd	Dev't
PY03	200,975,908	269,240,114	1.340	237,738,573	251,146,785	1.056	438,714,481	520,386,899	1.186
PY04	209,505,785	287,291,244	1.371	275,344,205	302,368,920	1.098	484,849,990	589,660,164	1.216
PY05	216,165,974	298,355,056	1.380	285,085,762	315,143,337	1.105	501,251,736	613,498,393	1.224
PY06	217,259,302	294,473,181	1.355	286,362,704	315,820,231	1.103	503,622,006	610,293,412	1.212
PY07	234,831,610	332,656,466	1.417	301,845,774	332,806,929	1.103	536,677,384	665,463,395	1.240
2-yr avg			1.386			1.103			1.226
3-yr avg			1.384			1.104			1.225
4-yr avg			1.381			1.102			1.223
5-yr avg			1.373			1.093			1.216
	Indemnity Losses			Medical Losses			Total Losses		
	2nd	3rd	Dev't	2nd	3rd	Dev't	2nd	3rd	Dev't
PY02	239,373,673	277,285,565	1.158	237,590,169	243,153,142	1.023	476,963,842	520,438,707	1.091
PY03	268,067,916	305,093,013	1.138	250,632,230	263,150,496	1.050	518,700,146	568,243,509	1.096
PY04	289,644,810	329,318,614	1.137	304,374,978	310,692,359	1.021	594,019,788	640,010,973	1.077
PY05	301,007,871	342,301,876	1.137	317,353,224	315,021,434	0.993	618,361,095	657,323,310	1.063
PY06	289,946,363	346,197,581	1.194	304,231,567	317,817,192	1.045	594,177,930	664,014,773	1.118
2-yr avg			1.166			1.019			1.091
3-yr avg			1.156			1.020			1.086
4-yr avg			1.152			1.027			1.089
5-yr avg			1.153			1.026			1.089
	Indemnity Losses			Medical Losses			Total Losses		
	3rd	4th	Dev't	3rd	4th	Dev't	3rd	4th	Dev't
PY01	258,933,732	281,889,939	1.089	227,773,377	228,272,074	1.002	486,707,109	510,162,013	1.048
PY02	268,421,701	289,701,408	1.079	235,653,238	232,450,968	0.986	504,074,939	522,152,376	1.036
PY03	306,153,546	326,266,604	1.066	263,730,461	267,871,700	1.016	569,884,007	594,138,304	1.043
PY04	332,121,039	353,417,921	1.064	312,563,303	316,206,006	1.012	644,684,342	669,623,927	1.039
PY05	335,347,009	358,380,565	1.069	309,025,565	315,616,550	1.021	644,372,574	673,997,115	1.046
2-yr avg			1.067			1.017			1.043
3-yr avg			1.066			1.016			1.043
4-yr avg			1.070			1.009			1.041
5-yr avg			1.073			1.007			1.042
	Indemnity Losses			Medical Losses			Total Losses		
	4th	5th	Dev't	4th	5th	Dev't	4th	5th	Dev't
PY00	280,895,040	291,676,468	1.038	222,282,863	226,582,806	1.019	503,177,903	518,259,274	1.030
PY01	286,606,192	300,749,335	1.049	229,622,769	228,743,921	0.996	516,228,961	529,493,256	1.026
PY02	300,628,341	311,966,400	1.038	244,418,066	250,287,011	1.024	545,046,407	562,253,411	1.032
PY03	327,604,232	338,305,625	1.033	268,928,553	271,473,835	1.009	596,532,785	609,779,460	1.022
PY04	348,102,716	363,148,536	1.043	312,086,420	321,270,514	1.029	660,189,136	684,419,050	1.037
2-yr avg			1.038			1.019			1.030
3-yr avg			1.038			1.021			1.030
4-yr avg			1.041			1.015			1.029
5-yr avg			1.040			1.015			1.029
	Indemnity Losses			Medical Losses			Total Losses		
	5th	6th	Dev't	5th	6th	Dev't	5th	6th	Dev't
PY99	282,037,092	291,072,641	1.032	212,415,185	213,380,984	1.005	494,452,277	504,453,625	1.020
PY00	288,888,338	294,246,742	1.019	217,507,008	218,443,478	1.004	506,395,346	512,690,220	1.012
PY01	303,953,109	313,111,946	1.030	230,968,077	227,325,035	0.984	534,921,186	540,436,981	1.010
PY02	313,078,793	317,055,007	1.013	250,998,947	252,066,999	1.004	564,077,740	569,122,006	1.009
PY03	337,770,464	345,108,084	1.022	270,963,242	273,914,123	1.011	608,733,706	619,022,207	1.017
2-yr avg			1.018			1.008			1.013
3-yr avg			1.022			1.000			1.012
4-yr avg			1.021			1.001			1.012
5-yr avg			1.023			1.002			1.014
	Indemnity Losses			Medical Losses			Total Losses		
	6th	7th	Dev't	6th	7th	Dev't	6th	7th	Dev't
PY98	268,965,733	273,017,942	1.015	217,682,672	222,799,380	1.024	486,648,405	495,817,322	1.019
PY99	292,865,833	297,232,282	1.015	214,216,878	218,371,692	1.019	507,082,711	515,603,974	1.017
PY00	299,954,668	304,915,060	1.017	236,305,777	240,921,414	1.020	536,260,445	545,836,474	1.018
PY01	313,446,196	316,549,886	1.010	227,556,654	231,287,255	1.016	541,002,850	547,837,141	1.013
PY02	314,629,614	318,179,318	1.011	250,908,125	249,685,125	0.995	565,537,739	567,864,443	1.004
2-yr avg			1.011			1.006			1.009
3-yr avg			1.013			1.010			1.012
4-yr avg			1.013			1.013			1.013
5-yr avg			1.014			1.015			1.014

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Policy Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
PY97	177,233,470	179,678,743	1.014	134,339,169	135,420,913	1.008	311,572,639	315,099,656	1.011
PY98	272,828,284	273,883,463	1.004	219,817,713	214,258,010	0.975	492,645,997	488,141,473	0.991
PY99	300,331,015	302,394,351	1.007	220,457,522	222,673,913	1.010	520,788,537	525,068,264	1.008
PY00	306,604,836	307,178,877	1.002	241,779,943	242,174,436	1.002	548,384,779	549,353,313	1.002
PY01	307,381,125	309,348,906	1.006	225,417,970	224,509,475	0.996	532,799,095	533,858,381	1.002
2-yr avg			1.004			0.999			1.002
3-yr avg			1.005			1.003			1.004
4-yr avg			1.005			0.996			1.001
5-yr avg			1.007			0.998			1.003
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
PY96	142,432,696	143,209,226	1.005	112,077,829	112,641,629	1.005	254,510,525	255,850,855	1.005
PY97	177,502,881	177,284,015	0.999	133,681,479	135,814,018	1.016	311,184,360	313,098,033	1.006
PY98	277,798,888	279,054,730	1.005	218,951,662	220,429,393	1.007	496,750,550	499,484,123	1.006
PY99	304,173,938	307,141,693	1.010	223,817,052	228,462,308	1.021	527,990,990	535,604,001	1.014
PY00	293,185,017	294,749,112	1.005	223,990,057	226,454,114	1.011	517,175,074	521,203,226	1.008
2-yr avg			1.008			1.016			1.011
3-yr avg			1.007			1.013			1.009
4-yr avg			1.005			1.014			1.009
5-yr avg			1.005			1.012			1.008
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
PY95	119,845,834	120,366,655	1.004	106,384,304	107,413,166	1.010	226,230,138	227,779,821	1.007
PY96	144,237,553	145,060,310	1.006	113,303,239	118,413,711	1.045	257,540,792	263,474,021	1.023
PY97	181,480,931	181,903,799	1.002	138,779,315	139,280,986	1.004	320,260,246	321,184,785	1.003
PY98	281,906,206	283,791,764	1.007	222,991,264	221,683,066	0.994	504,897,470	505,474,830	1.001
PY99	289,381,295	291,060,264	1.006	216,289,208	221,189,895	1.023	505,670,503	512,250,159	1.013
2-yr avg			1.007			1.009			1.007
3-yr avg			1.005			1.007			1.006
4-yr avg			1.005			1.017			1.010
5-yr avg			1.005			1.015			1.009
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
PY94	120,546,676	120,810,351	1.002	98,252,521	97,443,517	0.992	218,799,197	218,253,868	0.998
PY95	121,510,090	122,399,769	1.007	108,412,988	104,589,930	0.965	229,923,078	226,989,699	0.987
PY96	146,015,794	146,291,898	1.002	119,122,615	118,970,339	0.999	265,138,409	265,262,237	1.000
PY97	184,129,794	185,003,413	1.005	141,434,010	140,852,570	0.996	325,563,804	325,855,983	1.001
PY98	270,806,028	272,286,893	1.005	210,382,247	212,000,213	1.008	481,188,275	484,287,106	1.006
2-yr avg			1.005			1.002			1.004
3-yr avg			1.004			1.001			1.002
4-yr avg			1.005			0.992			0.999
5-yr avg			1.004			0.992			0.998
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
PY93	151,216,551	152,197,475	1.006	136,118,393	137,260,573	1.008	287,334,944	289,458,048	1.007
PY94	122,424,724	123,011,323	1.005	98,554,454	99,244,141	1.007	220,979,178	222,255,464	1.006
PY95	122,399,769	122,501,743	1.001	104,589,930	104,804,913	1.002	226,989,699	227,306,656	1.001
PY96	148,646,035	149,241,116	1.004	120,997,973	122,216,198	1.010	269,644,008	271,457,314	1.007
PY97	179,260,576	179,330,922	1.000	136,853,309	139,107,118	1.016	316,113,885	318,438,040	1.007
2-yr avg			1.002			1.013			1.007
3-yr avg			1.002			1.009			1.005
4-yr avg			1.003			1.009			1.005
5-yr avg			1.003			1.009			1.006
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
PY92	188,277,502	188,658,952	1.002	165,612,831	168,353,705	1.017	353,890,333	357,012,657	1.009
PY93	153,422,747	154,302,053	1.006	138,152,346	139,220,921	1.008	291,575,093	293,522,974	1.007
PY94	123,011,323	123,425,791	1.003	99,244,141	99,097,089	0.999	222,255,464	222,522,880	1.001
PY95	124,506,425	124,620,161	1.001	106,990,102	109,389,474	1.022	231,496,527	234,009,635	1.011
PY96	147,960,862	148,716,947	1.005	121,572,511	121,663,721	1.001	269,533,373	270,380,668	1.003
2-yr avg			1.003			1.012			1.007
3-yr avg			1.003			1.007			1.005
4-yr avg			1.004			1.008			1.006
5-yr avg			1.003			1.009			1.006

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Policy Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>
PY91	247,842,303	249,732,335	1.008	212,921,035	215,092,601	1.010	460,763,338	464,824,936	1.009
PY92	190,522,475	190,896,096	1.002	170,018,855	170,488,975	1.003	360,541,330	361,385,071	1.002
PY93	154,302,053	154,602,207	1.002	139,220,921	141,095,057	1.013	293,522,974	295,697,264	1.007
PY94	124,375,010	124,272,867	0.999	99,939,149	99,918,118	1.000	224,314,159	224,190,985	0.999
PY95	124,331,211	124,918,687	1.005	109,014,861	109,830,651	1.007	233,346,072	234,749,338	1.006
2-yr avg			1.002			1.004			1.003
3-yr avg			1.002			1.007			1.004
4-yr avg			1.002			1.006			1.004
5-yr avg			1.003			1.007			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>
PY90	259,260,849	259,817,447	1.002	212,153,706	212,622,751	1.002	471,414,555	472,440,198	1.002
PY91	251,856,092	251,787,381	1.000	217,201,689	218,005,721	1.004	469,057,781	469,793,102	1.002
PY92	190,896,096	190,377,052	0.997	170,488,975	175,202,935	1.028	361,385,071	365,579,987	1.012
PY93	153,788,029	153,785,548	1.000	136,700,268	138,504,372	1.013	290,488,297	292,289,920	1.006
PY94	124,111,703	124,072,271	1.000	99,604,944	100,145,284	1.005	223,716,647	224,217,555	1.002
2-yr avg			1.000			1.009			1.004
3-yr avg			0.999			1.015			1.007
4-yr avg			0.999			1.013			1.006
5-yr avg			1.000			1.010			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>
PY89	249,356,604	249,715,549	1.001	196,068,352	196,013,387	1.000	445,424,956	445,728,936	1.001
PY90	262,066,145	262,627,393	1.002	214,168,586	213,276,168	0.996	476,234,731	475,903,561	0.999
PY91	251,787,381	251,857,045	1.000	218,005,721	220,474,034	1.011	469,793,102	472,331,079	1.005
PY92	189,531,463	189,839,511	1.002	174,736,992	174,932,929	1.001	364,268,455	364,772,440	1.001
PY93	153,620,084	153,568,023	1.000	138,314,834	138,084,979	0.998	291,934,918	291,653,002	0.999
2-yr avg			1.001			1.000			1.000
3-yr avg			1.001			1.003			1.002
4-yr avg			1.001			1.002			1.001
5-yr avg			1.001			1.001			1.001
	Indemnity Losses			Medical Losses			Total Losses		
	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>
PY88	205,387,563	205,360,945	1.000	166,768,829	166,409,949	0.998	372,156,392	371,770,894	0.999
PY89	251,236,628	251,247,247	1.000	196,810,059	198,524,219	1.009	448,046,687	449,771,466	1.004
PY90	262,627,393	262,692,053	1.000	213,276,168	213,757,403	1.002	475,903,561	476,449,456	1.001
PY91	251,262,976	251,390,726	1.001	220,098,168	221,069,471	1.004	471,361,144	472,460,197	1.002
PY92	188,637,841	188,743,762	1.001	174,074,381	169,908,312	0.976	362,712,222	358,652,074	0.989
2-yr avg			1.001			0.990			0.996
3-yr avg			1.001			0.994			0.997
4-yr avg			1.001			0.998			0.999
5-yr avg			1.000			0.998			0.999
	Indemnity Losses			Medical Losses			Total Losses		
	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>
PY87	169,733,569	170,064,764	1.002	134,332,293	135,202,001	1.006	304,065,862	305,266,765	1.004
PY88	205,801,009	206,030,764	1.001	166,719,578	166,973,432	1.002	372,520,587	373,004,196	1.001
PY89	251,247,247	251,376,037	1.001	198,524,219	198,918,104	1.002	449,771,466	450,294,141	1.001
PY90	261,860,462	261,688,277	0.999	213,354,033	213,399,934	1.000	475,214,495	475,088,211	1.000
PY91	250,532,325	250,770,324	1.001	220,432,292	220,278,549	0.999	470,964,617	471,048,873	1.000
2-yr avg			1.000			1.000			1.000
3-yr avg			1.000			1.000			1.000
4-yr avg			1.001			1.001			1.001
5-yr avg			1.001			1.002			1.001
	Indemnity Losses			Medical Losses			Total Losses		
	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>
PY86	87,251,972	87,365,952	1.001	72,486,993	72,426,062	0.999	159,738,965	159,792,014	1.000
PY87	170,787,442	170,903,863	1.001	135,547,920	137,204,042	1.012	306,335,362	308,107,905	1.006
PY88	206,030,764	206,334,295	1.001	166,973,432	171,038,848	1.024	373,004,196	377,373,143	1.012
PY89	250,829,920	251,023,167	1.001	198,686,396	200,024,201	1.007	449,516,316	451,047,368	1.003
PY90	261,191,024	261,206,903	1.000	212,838,742	213,165,709	1.002	474,029,766	474,372,612	1.001
2-yr avg			1.001			1.005			1.002
3-yr avg			1.001			1.011			1.005
4-yr avg			1.001			1.011			1.006
5-yr avg			1.001			1.009			1.004

North Carolina - Excluding IBNR

Policy Year Development Factors

	Indemnity Losses			Medical Losses			Total Losses		
	1st	2nd	Dev't	1st	2nd	Dev't	1st	2nd	Dev't
PY03	203,972,339	271,168,498	1.329	239,115,892	251,864,054	1.053	443,088,231	523,032,552	1.180
PY04	211,668,995	289,041,012	1.366	276,821,871	303,114,643	1.095	488,490,866	592,155,655	1.212
PY05	218,464,499	300,211,570	1.374	286,936,462	317,064,618	1.105	505,400,961	617,276,188	1.221
PY06	218,770,450	294,777,232	1.347	287,569,546	315,947,262	1.099	506,339,996	610,724,494	1.206
PY07	235,165,118	332,934,296	1.416	301,907,848	332,941,663	1.103	537,072,966	665,875,959	1.240
2-yr avg			1.382			1.101			1.223
3-yr avg			1.379			1.102			1.222
4-yr avg			1.376			1.101			1.220
5-yr avg			1.366			1.091			1.212
	Indemnity Losses			Medical Losses			Total Losses		
	2nd	3rd	Dev't	2nd	3rd	Dev't	2nd	3rd	Dev't
PY02	240,867,743	278,176,572	1.155	238,310,408	244,034,247	1.024	479,178,151	522,210,819	1.090
PY03	269,996,300	306,409,967	1.135	251,349,499	263,655,525	1.049	521,345,799	570,065,492	1.093
PY04	291,394,578	330,202,620	1.133	305,120,701	311,224,521	1.020	596,515,279	641,427,141	1.075
PY05	302,864,385	342,515,486	1.131	319,274,505	315,270,329	0.987	622,138,890	657,785,815	1.057
PY06	290,250,414	346,428,351	1.194	304,358,598	318,088,291	1.045	594,609,012	664,516,642	1.118
2-yr avg			1.163			1.016			1.088
3-yr avg			1.153			1.017			1.083
4-yr avg			1.148			1.025			1.086
5-yr avg			1.150			1.025			1.087
	Indemnity Losses			Medical Losses			Total Losses		
	3rd	4th	Dev't	3rd	4th	Dev't	3rd	4th	Dev't
PY01	260,293,653	282,676,788	1.086	228,728,582	228,962,418	1.001	489,022,235	511,639,206	1.046
PY02	269,312,708	290,560,123	1.079	236,534,343	234,686,099	0.992	505,847,051	525,246,222	1.038
PY03	307,470,500	327,646,263	1.066	264,235,490	268,569,036	1.016	571,705,990	596,215,299	1.043
PY04	333,005,045	353,608,653	1.062	313,095,465	316,391,240	1.011	646,100,510	669,999,893	1.037
PY05	335,560,619	358,555,156	1.069	309,274,460	315,918,792	1.021	644,835,079	674,473,948	1.046
2-yr avg			1.066			1.016			1.042
3-yr avg			1.066			1.016			1.042
4-yr avg			1.069			1.010			1.041
5-yr avg			1.072			1.008			1.042
	Indemnity Losses			Medical Losses			Total Losses		
	4th	5th	Dev't	4th	5th	Dev't	4th	5th	Dev't
PY00	281,271,198	291,917,582	1.038	222,443,384	226,761,566	1.019	503,714,582	518,679,148	1.030
PY01	287,393,041	301,461,995	1.049	230,313,113	229,413,851	0.996	517,706,154	530,875,846	1.025
PY02	301,487,056	312,775,827	1.037	246,653,197	252,099,130	1.022	548,140,253	564,874,957	1.031
PY03	328,983,891	338,389,254	1.029	269,625,889	271,566,308	1.007	598,609,780	609,955,562	1.019
PY04	348,293,448	363,306,675	1.043	312,271,654	321,474,931	1.029	660,565,102	684,781,606	1.037
2-yr avg			1.036			1.018			1.028
3-yr avg			1.036			1.019			1.029
4-yr avg			1.040			1.014			1.028
5-yr avg			1.039			1.015			1.028
	Indemnity Losses			Medical Losses			Total Losses		
	5th	6th	Dev't	5th	6th	Dev't	5th	6th	Dev't
PY99	282,378,161	291,182,309	1.031	212,616,681	213,714,723	1.005	494,994,842	504,897,032	1.020
PY00	289,129,452	294,368,145	1.018	217,685,768	218,542,776	1.004	506,815,220	512,910,921	1.012
PY01	304,665,769	313,783,737	1.030	231,638,007	227,915,699	0.984	536,303,776	541,699,436	1.010
PY02	313,888,220	317,225,934	1.011	252,811,066	252,182,131	0.998	566,699,286	569,408,065	1.005
PY03	337,854,093	345,170,449	1.022	271,055,715	273,989,426	1.011	608,909,808	619,159,875	1.017
2-yr avg			1.017			1.005			1.011
3-yr avg			1.021			0.998			1.011
4-yr avg			1.020			0.999			1.011
5-yr avg			1.022			1.000			1.013
	Indemnity Losses			Medical Losses			Total Losses		
	6th	7th	Dev't	6th	7th	Dev't	6th	7th	Dev't
PY98	269,721,829	273,247,668	1.013	217,804,630	222,866,723	1.023	487,526,459	496,114,391	1.018
PY99	292,975,501	297,406,737	1.015	214,550,617	218,739,045	1.020	507,526,118	516,145,782	1.017
PY00	300,076,071	305,102,537	1.017	236,405,075	241,222,436	1.020	536,481,146	546,324,973	1.018
PY01	314,117,987	316,671,422	1.008	228,147,318	231,410,168	1.014	542,265,305	548,081,590	1.011
PY02	314,800,541	318,333,091	1.011	251,023,257	249,769,257	0.995	565,823,798	568,102,348	1.004
2-yr avg			1.010			1.005			1.008
3-yr avg			1.012			1.010			1.011
4-yr avg			1.013			1.012			1.013
5-yr avg			1.013			1.014			1.014

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Policy Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
PY97	177,457,181	179,872,043	1.014	134,524,114	135,777,561	1.009	311,981,295	315,649,604	1.012
PY98	273,058,010	273,965,260	1.003	219,885,056	214,336,220	0.975	492,943,066	488,301,480	0.991
PY99	300,505,470	302,464,685	1.007	220,824,875	223,324,657	1.011	521,330,345	525,789,342	1.009
PY00	306,792,313	307,219,113	1.001	242,080,965	242,257,247	1.001	548,873,278	549,476,360	1.001
PY01	307,502,661	309,477,965	1.006	225,540,883	224,602,948	0.996	533,043,544	534,080,913	1.002
2-yr avg			1.004			0.999			1.002
3-yr avg			1.005			1.003			1.004
4-yr avg			1.004			0.996			1.001
5-yr avg			1.006			0.998			1.003
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
PY96	142,632,948	143,259,248	1.004	112,175,909	112,685,774	1.005	254,808,857	255,945,022	1.004
PY97	177,696,181	177,450,826	0.999	134,038,127	136,060,052	1.015	311,734,308	313,510,878	1.006
PY98	277,880,685	279,174,653	1.005	219,029,872	220,573,311	1.007	496,910,557	499,747,964	1.006
PY99	304,244,272	307,167,040	1.010	224,467,796	228,550,977	1.018	528,712,068	535,718,017	1.013
PY00	293,225,253	294,816,670	1.005	224,072,868	226,517,370	1.011	517,298,121	521,334,040	1.008
2-yr avg			1.008			1.015			1.011
3-yr avg			1.007			1.012			1.009
4-yr avg			1.005			1.013			1.008
5-yr avg			1.005			1.011			1.007
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
PY95	119,945,151	120,376,284	1.004	106,428,274	107,418,576	1.009	226,373,425	227,794,860	1.006
PY96	144,287,575	145,074,584	1.005	113,347,384	118,418,487	1.045	257,634,959	263,493,071	1.023
PY97	181,647,742	182,042,456	1.002	139,025,349	139,494,703	1.003	320,673,091	321,537,159	1.003
PY98	282,026,129	283,835,758	1.006	223,135,182	221,756,025	0.994	505,161,311	505,591,783	1.001
PY99	289,406,642	291,060,264	1.006	216,377,877	221,189,895	1.022	505,784,519	512,250,159	1.013
2-yr avg			1.006			1.008			1.007
3-yr avg			1.005			1.006			1.006
4-yr avg			1.005			1.016			1.010
5-yr avg			1.005			1.015			1.009
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
PY94	120,661,376	120,815,443	1.001	98,351,657	97,687,767	0.993	219,013,033	218,503,210	0.998
PY95	121,519,719	122,408,454	1.007	108,418,398	104,592,646	0.965	229,938,117	227,001,100	0.987
PY96	146,030,068	146,324,785	1.002	119,127,391	118,988,048	0.999	265,157,459	265,312,833	1.001
PY97	184,268,451	185,151,150	1.005	141,647,727	140,905,225	0.995	325,916,178	326,056,375	1.000
PY98	270,850,022	272,305,338	1.005	210,455,206	212,000,213	1.007	481,305,228	484,305,551	1.006
2-yr avg			1.005			1.001			1.003
3-yr avg			1.004			1.000			1.002
4-yr avg			1.005			0.992			0.999
5-yr avg			1.004			0.992			0.998
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
PY93	151,230,074	152,205,345	1.006	136,121,252	137,262,604	1.008	287,351,326	289,467,949	1.007
PY94	122,429,816	123,017,822	1.005	98,798,704	99,461,763	1.007	221,228,520	222,479,585	1.006
PY95	122,408,454	122,520,565	1.001	104,592,646	104,815,048	1.002	227,001,100	227,335,613	1.001
PY96	148,678,922	149,241,116	1.004	121,015,682	122,216,198	1.010	269,694,604	271,457,314	1.007
PY97	179,408,313	179,444,984	1.000	136,905,964	139,133,446	1.016	316,314,277	318,578,430	1.007
2-yr avg			1.002			1.013			1.007
3-yr avg			1.002			1.009			1.005
4-yr avg			1.003			1.009			1.005
5-yr avg			1.003			1.009			1.006
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
PY92	188,291,282	188,666,685	1.002	165,615,265	168,355,558	1.017	353,906,547	357,022,243	1.009
PY93	153,430,617	154,310,080	1.006	138,154,377	139,223,058	1.008	291,584,994	293,533,138	1.007
PY94	123,017,822	123,473,025	1.004	99,461,763	99,315,797	0.999	222,479,585	222,788,822	1.001
PY95	124,525,247	124,620,161	1.001	107,000,237	109,389,474	1.022	231,525,484	234,009,635	1.011
PY96	147,960,862	148,716,947	1.005	121,572,511	121,663,721	1.001	269,533,373	270,380,668	1.003
2-yr avg			1.003			1.012			1.007
3-yr avg			1.003			1.007			1.005
4-yr avg			1.004			1.008			1.006
5-yr avg			1.004			1.009			1.006

North Carolina - Excluding IBNR

Policy Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>
PY91	247,985,000	249,857,480	1.008	213,151,087	215,287,477	1.010	461,136,087	465,144,957	1.009
PY92	190,530,208	190,900,903	1.002	170,020,708	170,490,978	1.003	360,550,916	361,391,881	1.002
PY93	154,310,080	154,633,370	1.002	139,223,058	141,111,837	1.014	293,533,138	295,745,207	1.008
PY94	124,422,244	124,272,867	0.999	100,157,857	99,918,118	0.998	224,580,101	224,190,985	0.998
PY95	124,331,211	124,918,687	1.005	109,014,861	109,830,651	1.007	233,346,072	234,749,338	1.006
2-yr avg			1.002			1.003			1.002
3-yr avg			1.002			1.006			1.004
4-yr avg			1.002			1.006			1.004
5-yr avg			1.003			1.006			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>
PY90	259,268,485	259,820,634	1.002	212,155,792	212,624,316	1.002	471,424,277	472,444,950	1.002
PY91	251,981,237	251,891,104	1.000	217,396,565	218,154,974	1.003	469,377,802	470,046,078	1.001
PY92	190,900,903	190,383,406	0.997	170,490,978	175,206,356	1.028	361,391,881	365,589,762	1.012
PY93	153,819,192	153,785,548	1.000	136,717,048	138,504,372	1.013	290,536,240	292,289,920	1.006
PY94	124,111,703	124,072,271	1.000	99,604,944	100,145,284	1.005	223,716,647	224,217,555	1.002
2-yr avg			1.000			1.009			1.004
3-yr avg			0.999			1.015			1.007
4-yr avg			0.999			1.012			1.005
5-yr avg			1.000			1.010			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>
PY89	249,361,185	249,716,358	1.001	196,070,222	196,013,956	1.000	445,431,407	445,730,314	1.001
PY90	262,069,332	262,627,367	1.002	214,170,151	213,276,836	0.996	476,239,483	475,904,203	0.999
PY91	251,891,104	251,940,576	1.000	218,154,974	220,573,817	1.011	470,046,078	472,514,393	1.005
PY92	189,537,817	189,839,511	1.002	174,740,413	174,932,929	1.001	364,278,230	364,772,440	1.001
PY93	153,620,084	153,568,023	1.000	138,314,834	138,084,979	0.998	291,934,918	291,653,002	0.999
2-yr avg			1.001			1.000			1.000
3-yr avg			1.001			1.003			1.002
4-yr avg			1.001			1.002			1.001
5-yr avg			1.001			1.001			1.001
	Indemnity Losses			Medical Losses			Total Losses		
	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>
PY88	205,393,788	205,362,272	1.000	166,769,511	166,409,934	0.998	372,163,299	371,772,206	0.999
PY89	251,237,437	251,246,770	1.000	196,810,628	198,525,811	1.009	448,048,065	449,772,581	1.004
PY90	262,627,367	262,699,439	1.000	213,276,836	213,761,381	1.002	475,904,203	476,460,820	1.001
PY91	251,346,507	251,460,055	1.000	220,197,951	221,137,217	1.004	471,544,458	472,597,272	1.002
PY92	188,637,841	188,743,762	1.001	174,074,381	169,908,312	0.976	362,712,222	358,652,074	0.989
2-yr avg			1.001			0.990			0.996
3-yr avg			1.000			0.994			0.997
4-yr avg			1.000			0.998			0.999
5-yr avg			1.000			0.998			0.999
	Indemnity Losses			Medical Losses			Total Losses		
	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>
PY87	169,739,965	170,066,989	1.002	134,343,304	135,212,488	1.006	304,083,269	305,279,477	1.004
PY88	205,802,336	206,031,196	1.001	166,719,563	166,973,432	1.002	372,521,899	373,004,628	1.001
PY89	251,246,770	251,384,997	1.001	198,525,811	198,923,535	1.002	449,772,581	450,308,532	1.001
PY90	261,867,848	261,688,277	0.999	213,358,011	213,399,934	1.000	475,225,859	475,088,211	1.000
PY91	250,601,654	250,821,780	1.001	220,500,038	220,312,333	0.999	471,101,692	471,134,113	1.000
2-yr avg			1.000			1.000			1.000
3-yr avg			1.000			1.000			1.000
4-yr avg			1.001			1.001			1.001
5-yr avg			1.001			1.002			1.001
	Indemnity Losses			Medical Losses			Total Losses		
	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>
PY86	87,610,408	87,727,474	1.001	72,926,128	72,814,939	0.998	160,536,536	160,542,413	1.000
PY87	170,789,667	170,904,528	1.001	135,558,407	137,213,681	1.012	306,348,074	308,118,209	1.006
PY88	206,031,196	206,339,075	1.001	166,973,432	171,041,422	1.024	373,004,628	377,380,497	1.012
PY89	250,838,880	251,023,167	1.001	198,691,827	200,024,201	1.007	449,530,707	451,047,368	1.003
PY90	261,191,024	261,206,903	1.000	212,838,742	213,165,709	1.002	474,029,766	474,372,612	1.001
2-yr avg			1.001			1.005			1.002
3-yr avg			1.001			1.011			1.005
4-yr avg			1.001			1.011			1.006
5-yr avg			1.001			1.009			1.004

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Accident Year Loss Development Factors

	Indemnity Losses			Medical Losses			Total Losses		
	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>
AY04	34,936,390	124,305,384	3.558	85,363,021	185,344,696	2.171	120,299,411	309,650,080	2.574
AY05	37,495,296	135,126,313	3.604	106,655,177	215,216,730	2.018	144,150,473	350,343,043	2.430
AY06	37,542,770	134,139,524	3.573	99,631,124	210,842,810	2.116	137,173,894	344,982,334	2.515
AY07	41,294,107	152,772,003	3.700	107,675,068	226,985,281	2.108	148,969,175	379,757,284	2.549
AY08	43,413,095	161,792,640	3.727	114,164,648	228,967,664	2.006	157,577,743	390,760,304	2.480
2-yr avg			3.714			2.057			2.515
3-yr avg			3.667			2.077			2.515
4-yr avg			3.651			2.062			2.494
5-yr avg			3.632			2.084			2.510
	Indemnity Losses			Medical Losses			Total Losses		
	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>
AY03	113,782,710	191,772,142	1.685	164,436,186	194,041,528	1.180	278,218,896	385,813,670	1.387
AY04	123,956,746	213,711,684	1.724	184,513,641	217,261,581	1.177	308,470,387	430,973,265	1.397
AY05	136,495,864	225,074,874	1.649	217,563,295	255,980,605	1.177	354,059,159	481,055,479	1.359
AY06	134,935,548	229,824,785	1.703	211,769,558	249,337,349	1.177	346,705,106	479,162,134	1.382
AY07	151,822,165	251,155,331	1.654	226,063,541	266,200,136	1.178	377,885,706	517,355,467	1.369
2-yr avg			1.679			1.178			1.376
3-yr avg			1.669			1.177			1.370
4-yr avg			1.683			1.177			1.377
5-yr avg			1.683			1.178			1.379
	Indemnity Losses			Medical Losses			Total Losses		
	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>
AY02	167,896,431	221,115,216	1.317	172,380,171	188,740,457	1.095	340,276,602	409,855,673	1.204
AY03	192,013,147	244,282,550	1.272	194,696,868	213,801,018	1.098	386,710,015	458,083,568	1.185
AY04	214,788,724	273,484,669	1.273	218,240,693	234,767,012	1.076	433,029,417	508,251,681	1.174
AY05	227,022,708	289,494,653	1.275	257,528,114	278,527,678	1.082	484,550,822	568,022,331	1.172
AY06	225,163,460	285,072,124	1.266	243,011,497	265,196,615	1.091	468,174,957	550,268,739	1.175
2-yr avg			1.271			1.087			1.174
3-yr avg			1.271			1.083			1.174
4-yr avg			1.272			1.087			1.177
5-yr avg			1.281			1.088			1.182
	Indemnity Losses			Medical Losses			Total Losses		
	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>
AY01	207,419,067	246,200,234	1.187	184,454,789	194,599,622	1.055	391,873,856	440,799,856	1.125
AY02	213,788,078	244,350,456	1.143	181,956,960	191,101,065	1.050	395,745,038	435,451,521	1.100
AY03	244,743,613	277,512,622	1.134	214,140,706	225,606,190	1.054	458,884,319	503,118,812	1.096
AY04	275,952,710	307,452,602	1.114	236,454,663	247,204,324	1.045	512,407,373	554,656,926	1.082
AY05	283,616,595	318,680,422	1.124	273,687,728	290,402,784	1.061	557,304,323	609,083,206	1.093
2-yr avg			1.119			1.053			1.088
3-yr avg			1.124			1.053			1.090
4-yr avg			1.129			1.053			1.093
5-yr avg			1.140			1.053			1.099
	Indemnity Losses			Medical Losses			Total Losses		
	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>
AY00	240,221,782	262,378,146	1.092	188,198,873	196,327,550	1.043	428,420,655	458,705,696	1.071
AY01	243,390,542	265,204,327	1.090	187,485,504	193,559,209	1.032	430,876,046	458,763,536	1.065
AY02	253,869,113	275,006,372	1.083	199,679,404	208,040,007	1.042	453,548,517	483,046,379	1.065
AY03	278,709,717	299,214,425	1.074	226,545,319	233,847,048	1.032	505,255,036	533,061,473	1.055
AY04	304,779,874	324,750,552	1.066	245,044,659	254,214,370	1.037	549,824,533	578,964,922	1.053
2-yr avg			1.070			1.035			1.054
3-yr avg			1.074			1.037			1.058
4-yr avg			1.078			1.036			1.060
5-yr avg			1.081			1.037			1.062
	Indemnity Losses			Medical Losses			Total Losses		
	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>
AY99	244,837,278	259,670,141	1.061	184,017,637	188,905,444	1.027	428,854,915	448,575,585	1.046
AY00	262,485,826	277,374,921	1.057	195,898,067	202,635,024	1.034	458,383,893	480,009,945	1.047
AY01	269,364,745	284,230,023	1.055	203,960,794	209,850,963	1.029	473,325,539	494,080,986	1.044
AY02	276,053,035	288,122,835	1.044	208,820,676	213,103,178	1.021	484,873,711	501,226,013	1.034
AY03	297,881,774	310,494,606	1.042	233,092,580	237,406,267	1.019	530,974,354	547,900,873	1.032
2-yr avg			1.043			1.020			1.033
3-yr avg			1.047			1.023			1.037
4-yr avg			1.050			1.026			1.039
5-yr avg			1.052			1.026			1.041

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Accident Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
AY98	214,812,152	223,570,770	1.041	168,887,901	174,672,002	1.034	383,700,053	398,242,772	1.038
AY99	260,125,540	269,813,124	1.037	187,911,588	192,302,966	1.023	448,037,128	462,116,090	1.031
AY00	280,126,205	287,905,835	1.028	204,907,044	208,859,108	1.019	485,033,249	496,764,943	1.024
AY01	284,736,466	295,599,678	1.038	210,400,634	215,805,309	1.026	495,137,100	511,404,987	1.033
AY02	286,014,269	292,451,569	1.023	211,235,737	214,538,321	1.016	497,250,006	506,989,890	1.020
2-yr avg			1.031			1.021			1.027
3-yr avg			1.030			1.020			1.026
4-yr avg			1.032			1.021			1.027
5-yr avg			1.033			1.024			1.029
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
AY97	156,079,479	158,889,418	1.018	115,184,579	116,009,457	1.007	271,264,058	274,898,875	1.013
AY98	222,802,804	229,068,743	1.028	173,060,483	176,446,247	1.020	395,863,287	405,514,990	1.024
AY99	273,079,465	279,973,855	1.025	194,696,397	197,922,455	1.017	467,775,862	477,896,310	1.022
AY00	289,190,980	294,607,752	1.019	209,718,447	212,670,662	1.014	498,909,427	507,278,414	1.017
AY01	281,861,905	287,006,169	1.018	207,204,952	210,842,680	1.018	489,066,857	497,848,849	1.018
2-yr avg			1.019			1.016			1.018
3-yr avg			1.021			1.016			1.019
4-yr avg			1.023			1.017			1.020
5-yr avg			1.022			1.015			1.019
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
AY96	129,054,327	130,840,672	1.014	104,049,115	105,551,670	1.014	233,103,442	236,392,342	1.014
AY97	158,038,744	158,933,948	1.006	114,994,638	115,430,655	1.004	273,033,382	274,364,603	1.005
AY98	232,912,285	236,062,574	1.014	180,005,778	182,692,258	1.015	412,918,063	418,754,832	1.014
AY99	283,504,813	287,276,811	1.013	200,506,016	206,751,610	1.031	484,010,829	494,028,421	1.021
AY00	279,622,265	282,875,313	1.012	200,854,793	202,512,833	1.008	480,477,058	485,388,146	1.010
2-yr avg			1.013			1.020			1.016
3-yr avg			1.013			1.018			1.015
4-yr avg			1.011			1.015			1.013
5-yr avg			1.012			1.014			1.013
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
AY95	115,080,713	116,585,655	1.013	95,901,191	96,520,103	1.006	210,981,904	213,105,758	1.010
AY96	131,948,217	134,260,212	1.018	106,458,922	109,886,166	1.032	238,407,139	244,146,378	1.024
AY97	161,654,116	163,026,951	1.008	117,641,489	118,136,922	1.004	279,295,605	281,163,873	1.007
AY98	238,041,308	242,024,456	1.017	184,742,744	187,275,452	1.014	422,784,052	429,299,908	1.015
AY99	274,104,079	277,469,383	1.012	197,114,428	200,010,678	1.015	471,218,507	477,480,061	1.013
2-yr avg			1.015			1.015			1.014
3-yr avg			1.012			1.011			1.012
4-yr avg			1.014			1.016			1.015
5-yr avg			1.014			1.014			1.014
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
AY94	129,283,619	130,132,466	1.007	108,187,862	109,072,544	1.008	237,471,481	239,205,010	1.007
AY95	118,195,128	118,753,333	1.005	97,585,119	98,148,902	1.006	215,780,247	216,902,235	1.005
AY96	134,430,675	135,159,975	1.005	109,981,667	110,483,806	1.005	244,412,342	245,643,781	1.005
AY97	165,222,355	166,211,361	1.006	120,156,949	120,519,300	1.003	285,379,304	286,730,661	1.005
AY98	232,783,497	234,539,175	1.008	178,917,891	181,221,348	1.013	411,701,388	415,760,523	1.010
2-yr avg			1.007			1.008			1.008
3-yr avg			1.006			1.007			1.007
4-yr avg			1.006			1.007			1.006
5-yr avg			1.006			1.007			1.006
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
AY93	154,972,841	155,811,363	1.005	142,024,251	142,744,093	1.005	296,997,092	298,555,456	1.005
AY94	130,884,650	132,813,098	1.015	109,772,971	111,581,129	1.016	240,657,621	244,394,227	1.016
AY95	118,753,333	119,412,930	1.006	98,148,902	98,921,530	1.008	216,902,235	218,334,460	1.007
AY96	137,362,217	138,292,798	1.007	112,326,773	113,490,818	1.010	249,688,990	251,783,616	1.008
AY97	161,133,854	161,804,075	1.004	117,188,784	117,545,790	1.003	278,322,638	279,349,865	1.004
2-yr avg			1.006			1.007			1.006
3-yr avg			1.006			1.007			1.006
4-yr avg			1.008			1.009			1.009
5-yr avg			1.007			1.008			1.008

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Accident Year Development Factors, Continued

Indemnity Losses			Medical Losses			Total Losses			
	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>	<u>Dev't</u>
AY92	200,895,201	202,137,742	1.006	167,157,852	168,327,139	1.007	368,053,053	370,464,881	1.007
AY93	157,415,272	158,197,259	1.005	143,754,706	144,774,811	1.007	301,169,978	302,972,070	1.006
AY94	132,813,098	133,543,193	1.005	111,581,129	111,926,023	1.003	244,394,227	245,469,216	1.004
AY95	121,153,578	121,522,137	1.003	100,835,356	101,425,915	1.006	221,988,934	222,948,052	1.004
AY96	137,574,441	138,130,556	1.004	112,994,172	113,595,840	1.005	250,568,613	251,726,396	1.005
2-yr avg			1.004			1.006			1.005
3-yr avg			1.004			1.005			1.004
4-yr avg			1.004			1.005			1.005
5-yr avg			1.005			1.006			1.005
Indemnity Losses			Medical Losses			Total Losses			
	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>	<u>Dev't</u>
AY91	247,495,290	249,538,156	1.008	203,732,486	205,060,626	1.007	451,227,776	454,598,782	1.007
AY92	203,790,727	204,803,071	1.005	170,087,289	171,254,727	1.007	373,878,016	376,057,798	1.006
AY93	158,197,259	158,643,073	1.003	144,774,811	145,608,338	1.006	302,972,070	304,251,411	1.004
AY94	134,289,824	134,709,992	1.003	112,657,188	113,043,475	1.003	246,947,012	247,753,467	1.003
AY95	121,422,621	121,714,975	1.002	101,045,655	101,733,087	1.007	222,468,276	223,448,062	1.004
2-yr avg			1.003			1.005			1.004
3-yr avg			1.003			1.005			1.004
4-yr avg			1.003			1.006			1.004
5-yr avg			1.004			1.006			1.005
Indemnity Losses			Medical Losses			Total Losses			
	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>	<u>Dev't</u>
AY90	253,783,910	254,885,352	1.004	190,154,543	190,623,595	1.002	443,938,453	445,508,947	1.004
AY91	251,484,640	252,651,706	1.005	206,866,950	208,399,285	1.007	458,351,590	461,050,991	1.006
AY92	204,803,071	205,867,880	1.005	171,254,727	172,817,283	1.009	376,057,798	378,685,163	1.007
AY93	158,221,301	158,915,604	1.004	142,458,128	143,302,398	1.006	300,679,429	302,218,002	1.005
AY94	134,533,166	134,959,667	1.003	112,858,239	113,063,307	1.002	247,391,405	248,022,974	1.003
2-yr avg			1.004			1.004			1.004
3-yr avg			1.004			1.006			1.005
4-yr avg			1.004			1.006			1.005
5-yr avg			1.004			1.005			1.005
Indemnity Losses			Medical Losses			Total Losses			
	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>	<u>Dev't</u>
AY89	228,597,891	229,285,614	1.003	181,240,324	181,984,728	1.004	409,838,215	411,270,342	1.003
AY90	256,980,192	257,957,930	1.004	192,015,896	192,545,495	1.003	448,996,088	450,503,425	1.003
AY91	252,651,706	254,132,519	1.006	208,399,285	210,077,291	1.008	461,050,991	464,209,810	1.007
AY92	204,852,951	205,535,892	1.003	172,248,679	173,273,356	1.006	377,101,630	378,809,248	1.005
AY93	158,683,726	158,989,940	1.002	143,003,260	143,614,990	1.004	301,686,986	302,604,930	1.003
2-yr avg			1.003			1.005			1.004
3-yr avg			1.004			1.006			1.005
4-yr avg			1.004			1.005			1.005
5-yr avg			1.004			1.005			1.004
Indemnity Losses			Medical Losses			Total Losses			
	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>	<u>Dev't</u>
AY88	183,608,742	184,585,665	1.005	145,128,010	145,713,633	1.004	328,736,752	330,299,298	1.005
AY89	230,511,840	231,198,933	1.003	182,549,400	183,402,815	1.005	413,061,240	414,601,748	1.004
AY90	257,957,930	259,184,776	1.005	192,545,495	193,031,154	1.003	450,503,425	452,215,930	1.004
AY91	253,669,474	254,191,810	1.002	209,781,834	211,394,533	1.008	463,451,308	465,586,343	1.005
AY92	204,404,413	205,144,859	1.004	172,495,416	173,575,453	1.006	376,899,829	378,720,312	1.005
2-yr avg			1.003			1.007			1.005
3-yr avg			1.004			1.006			1.005
4-yr avg			1.004			1.006			1.005
5-yr avg			1.004			1.005			1.005
Indemnity Losses			Medical Losses			Total Losses			
	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>	<u>Dev't</u>
AY87	104,357,132	104,733,010	1.004	81,828,979	82,121,479	1.004	186,186,111	186,854,489	1.004
AY88	185,188,096	185,915,097	1.004	146,085,968	146,579,521	1.003	331,274,064	332,494,618	1.004
AY89	231,198,933	232,252,336	1.005	183,402,815	184,592,213	1.006	414,601,748	416,844,549	1.005
AY90	258,317,489	259,243,534	1.004	192,638,466	193,367,464	1.004	450,955,955	452,610,998	1.004
AY91	253,174,814	254,030,573	1.003	210,676,807	212,430,202	1.008	463,851,621	466,460,775	1.006
2-yr avg			1.004			1.006			1.005
3-yr avg			1.004			1.006			1.005
4-yr avg			1.004			1.005			1.005
5-yr avg			1.004			1.005			1.005

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Accident Year Development Factors

	Indemnity Losses			Medical Losses			Total Losses		
	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>
AY04	149,038,016	240,908,148	1.616	209,690,948	261,742,657	1.248	358,728,964	502,650,805	1.401
AY05	152,994,813	254,602,275	1.664	244,915,499	311,175,004	1.271	397,910,312	565,777,279	1.422
AY06	149,858,810	253,353,592	1.691	236,188,459	300,599,103	1.273	386,047,269	553,952,695	1.435
AY07	162,117,010	272,004,518	1.678	253,908,737	318,445,136	1.254	416,025,747	590,449,654	1.419
AY08	155,513,822	282,041,415	1.814	249,907,750	320,300,496	1.282	405,421,572	602,341,911	1.486
2-yr avg			1.746			1.268			1.453
3-yr avg			1.728			1.270			1.447
4-yr avg			1.712			1.270			1.441
5-yr avg			1.693			1.266			1.433
	Indemnity Losses			Medical Losses			Total Losses		
	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>
AY03	225,952,170	279,722,408	1.238	248,169,117	250,485,299	1.009	474,121,287	530,207,707	1.118
AY04	239,760,896	299,331,241	1.248	260,689,754	269,199,489	1.033	500,450,650	568,530,730	1.136
AY05	257,163,210	319,994,612	1.244	314,021,501	331,031,545	1.054	571,184,711	651,026,157	1.140
AY06	254,664,314	312,256,735	1.226	302,113,088	310,181,995	1.027	556,777,402	622,438,730	1.118
AY07	270,778,149	343,717,089	1.269	317,395,950	327,634,563	1.032	588,174,099	671,351,652	1.141
2-yr avg			1.248			1.030			1.130
3-yr avg			1.246			1.038			1.133
4-yr avg			1.247			1.037			1.134
5-yr avg			1.245			1.031			1.131
	Indemnity Losses			Medical Losses			Total Losses		
	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>
AY02	248,030,400	278,463,699	1.123	229,640,583	237,715,901	1.035	477,670,983	516,179,600	1.081
AY03	279,553,143	308,485,508	1.103	251,045,047	261,486,629	1.042	530,598,190	569,972,137	1.074
AY04	300,741,062	329,386,217	1.095	270,270,023	270,905,458	1.002	571,011,085	600,291,675	1.051
AY05	322,359,494	352,574,400	1.094	333,052,579	333,381,778	1.001	655,412,073	685,956,178	1.047
AY06	305,893,379	346,054,861	1.131	296,736,747	309,676,057	1.044	602,630,126	655,730,918	1.088
2-yr avg			1.113			1.023			1.068
3-yr avg			1.107			1.016			1.062
4-yr avg			1.106			1.022			1.065
5-yr avg			1.109			1.025			1.068
	Indemnity Losses			Medical Losses			Total Losses		
	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>
AY01	268,168,029	284,057,038	1.059	224,654,823	224,443,744	0.999	492,822,852	508,500,782	1.032
AY02	267,740,802	284,515,385	1.063	229,218,118	223,036,366	0.973	496,958,920	507,551,751	1.021
AY03	309,189,319	324,123,976	1.048	261,871,775	269,897,503	1.031	571,061,094	594,021,479	1.040
AY04	331,990,221	348,832,604	1.051	272,747,485	275,626,593	1.011	604,737,706	624,459,197	1.033
AY05	346,247,182	362,456,963	1.047	328,388,755	336,766,130	1.026	674,635,937	699,223,093	1.036
2-yr avg			1.049			1.019			1.035
3-yr avg			1.049			1.023			1.036
4-yr avg			1.052			1.010			1.033
5-yr avg			1.054			1.008			1.032
	Indemnity Losses			Medical Losses			Total Losses		
	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>
AY00	285,268,225	294,450,024	1.032	221,952,556	225,406,499	1.016	507,220,781	519,856,523	1.025
AY01	287,254,912	297,612,299	1.036	219,341,452	218,093,121	0.994	506,596,364	515,705,420	1.018
AY02	297,017,319	305,419,833	1.028	235,291,651	233,875,146	0.994	532,308,970	539,294,979	1.013
AY03	325,455,276	332,036,695	1.020	270,982,571	272,169,028	1.004	596,437,847	604,205,723	1.013
AY04	345,849,097	358,883,417	1.038	273,334,090	278,368,078	1.018	619,183,187	637,251,495	1.029
2-yr avg			1.029			1.011			1.021
3-yr avg			1.029			1.005			1.018
4-yr avg			1.031			1.003			1.018
5-yr avg			1.031			1.005			1.020
	Indemnity Losses			Medical Losses			Total Losses		
	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>
AY99	281,898,839	288,500,932	1.023	213,326,326	214,551,715	1.006	495,225,165	503,052,647	1.016
AY00	294,416,255	297,324,742	1.010	225,361,174	228,879,490	1.016	519,777,429	526,204,232	1.012
AY01	302,668,592	311,188,306	1.028	235,144,442	238,928,539	1.016	537,813,034	550,116,845	1.023
AY02	306,460,586	310,714,578	1.014	234,528,572	237,963,681	1.015	540,989,158	548,678,259	1.014
AY03	330,354,980	335,455,614	1.015	271,301,478	271,521,073	1.001	601,656,458	606,976,687	1.009
2-yr avg			1.015			1.008			1.012
3-yr avg			1.019			1.011			1.015
4-yr avg			1.017			1.012			1.015
5-yr avg			1.018			1.011			1.015

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Accident Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
AY98	240,308,543	242,419,150	1.009	196,502,439	200,946,692	1.023	436,810,982	443,365,842	1.015
AY99	289,204,753	292,129,105	1.010	213,951,014	214,557,633	1.003	503,155,767	506,686,738	1.007
AY00	300,602,774	304,848,538	1.014	231,271,846	234,756,440	1.015	531,874,620	539,604,978	1.015
AY01	311,694,749	313,055,846	1.004	239,478,210	236,222,675	0.986	551,172,959	549,278,521	0.997
AY02	308,476,316	310,720,974	1.007	235,880,349	235,556,483	0.999	544,356,665	546,277,457	1.004
2-yr avg			1.006			0.993			1.001
3-yr avg			1.008			1.000			1.005
4-yr avg			1.009			1.001			1.006
5-yr avg			1.009			1.005			1.008
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
AY97	162,553,661	164,378,777	1.011	119,590,065	119,992,205	1.003	282,143,726	284,370,982	1.008
AY98	242,384,778	240,990,615	0.994	198,431,369	195,587,484	0.986	440,816,147	436,578,099	0.990
AY99	295,425,547	296,160,995	1.002	216,986,424	217,401,446	1.002	512,411,971	513,562,441	1.002
AY00	306,181,658	307,346,888	1.004	235,693,608	239,741,072	1.017	541,875,266	547,087,960	1.010
AY01	297,798,458	300,052,032	1.008	226,329,168	227,913,847	1.007	524,127,626	527,965,879	1.007
2-yr avg			1.006			1.012			1.009
3-yr avg			1.005			1.009			1.006
4-yr avg			1.002			1.003			1.002
5-yr avg			1.004			1.003			1.003
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
AY96	135,755,878	135,713,113	1.000	115,322,251	116,055,340	1.006	251,078,129	251,768,453	1.003
AY97	163,573,647	163,579,125	1.000	118,977,387	118,809,300	0.999	282,551,034	282,388,425	0.999
AY98	245,329,146	247,078,229	1.007	200,188,454	202,919,140	1.014	445,517,600	449,997,369	1.010
AY99	299,207,182	301,431,577	1.007	219,022,676	221,996,782	1.014	518,229,858	523,428,359	1.010
AY00	291,021,101	292,736,629	1.006	220,672,871	220,249,319	0.998	511,693,972	512,985,948	1.003
2-yr avg			1.007			1.006			1.007
3-yr avg			1.007			1.009			1.008
4-yr avg			1.005			1.006			1.006
5-yr avg			1.004			1.006			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
AY95	118,734,468	119,295,944	1.005	100,920,574	100,530,115	0.996	219,655,042	219,826,059	1.001
AY96	136,966,905	138,413,924	1.011	117,101,072	118,738,885	1.014	254,067,977	257,152,809	1.012
AY97	166,299,293	166,287,091	1.000	121,020,134	120,957,497	0.999	287,319,427	287,244,588	1.000
AY98	249,210,146	251,203,140	1.008	205,143,554	205,674,472	1.003	454,353,700	456,877,612	1.006
AY99	287,850,383	289,456,068	1.006	212,097,680	217,471,953	1.025	499,948,063	506,928,021	1.014
2-yr avg			1.007			1.014			1.010
3-yr avg			1.005			1.009			1.007
4-yr avg			1.006			1.010			1.008
5-yr avg			1.006			1.007			1.007
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
AY94	134,116,057	134,934,582	1.006	113,482,793	114,636,023	1.010	247,598,850	249,570,605	1.008
AY95	121,051,172	121,105,118	1.000	101,803,192	101,983,148	1.002	222,854,364	223,088,266	1.001
AY96	138,584,387	138,807,261	1.002	118,834,386	119,210,397	1.003	257,418,773	258,017,658	1.002
AY97	168,482,495	168,864,866	1.002	122,977,524	122,997,807	1.000	291,460,019	291,862,673	1.001
AY98	241,398,238	241,833,107	1.002	196,952,947	199,561,125	1.013	438,351,185	441,394,232	1.007
2-yr avg			1.002			1.007			1.004
3-yr avg			1.002			1.005			1.003
4-yr avg			1.002			1.005			1.003
5-yr avg			1.002			1.006			1.004
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
AY93	159,144,519	159,874,498	1.005	150,363,156	151,946,402	1.011	309,507,675	311,820,900	1.007
AY94	135,686,766	136,948,826	1.009	115,336,450	116,456,034	1.010	251,023,216	253,404,860	1.009
AY95	121,105,118	121,417,626	1.003	101,983,148	101,913,600	0.999	223,088,266	223,331,226	1.001
AY96	141,009,503	141,687,965	1.005	121,053,364	122,000,604	1.008	262,062,867	263,688,569	1.006
AY97	163,782,359	164,383,444	1.004	119,641,528	120,990,010	1.011	283,423,887	285,373,454	1.007
2-yr avg			1.005			1.010			1.007
3-yr avg			1.004			1.006			1.005
4-yr avg			1.005			1.007			1.006
5-yr avg			1.005			1.008			1.006

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Accident Year Development Factors, Continued

Indemnity Losses				Medical Losses			Total Losses		
	13th	14th	Dev't	13th	14th	Dev't	13th	14th	Dev't
AY92	209,731,156	210,241,201	1.002	174,475,583	176,622,130	1.012	384,206,739	386,863,331	1.007
AY93	161,489,838	161,876,566	1.002	152,957,015	153,781,270	1.005	314,446,853	315,657,836	1.004
AY94	136,948,826	137,178,548	1.002	116,456,034	116,671,848	1.002	253,404,860	253,850,396	1.002
AY95	123,207,241	123,172,284	1.000	103,883,024	106,177,818	1.022	227,090,265	229,350,102	1.010
AY96	140,959,851	141,501,275	1.004	121,494,201	121,494,062	1.000	262,454,052	262,995,337	1.002
2-yr avg			1.002			1.011			1.006
3-yr avg			1.002			1.008			1.005
4-yr avg			1.002			1.007			1.005
5-yr avg			1.002			1.008			1.005
Indemnity Losses				Medical Losses			Total Losses		
	14th	15th	Dev't	14th	15th	Dev't	14th	15th	Dev't
AY91	256,557,514	257,766,370	1.005	225,607,555	227,500,247	1.008	482,165,069	485,266,617	1.006
AY92	211,995,354	211,444,397	0.997	178,586,762	178,417,273	0.999	390,582,116	389,861,670	0.998
AY93	161,876,566	161,604,426	0.998	153,781,270	158,282,391	1.029	315,657,836	319,886,817	1.013
AY94	137,925,179	138,045,695	1.001	117,403,013	118,652,904	1.011	255,328,192	256,698,599	1.005
AY95	123,072,768	123,644,674	1.005	105,796,094	106,811,656	1.010	228,868,862	230,456,330	1.007
2-yr avg			1.003			1.011			1.006
3-yr avg			1.001			1.017			1.008
4-yr avg			1.000			1.012			1.006
5-yr avg			1.001			1.011			1.006
Indemnity Losses				Medical Losses			Total Losses		
	15th	16th	Dev't	15th	16th	Dev't	15th	16th	Dev't
AY90	260,693,763	261,408,811	1.003	196,968,375	197,053,552	1.000	457,662,138	458,462,363	1.002
AY91	259,869,208	260,513,390	1.002	229,429,421	230,248,009	1.004	489,298,629	490,761,399	1.003
AY92	211,444,397	211,549,636	1.000	178,417,273	180,483,906	1.012	389,861,670	392,033,542	1.006
AY93	160,826,727	160,983,046	1.001	153,945,961	154,005,953	1.000	314,772,688	314,988,999	1.001
AY94	137,868,869	137,907,009	1.000	118,467,668	119,002,647	1.005	256,336,537	256,909,656	1.002
2-yr avg			1.001			1.003			1.002
3-yr avg			1.000			1.006			1.003
4-yr avg			1.001			1.005			1.003
5-yr avg			1.001			1.004			1.003
Indemnity Losses				Medical Losses			Total Losses		
	16th	17th	Dev't	16th	17th	Dev't	16th	17th	Dev't
AY89	234,060,491	234,234,614	1.001	191,499,206	191,247,741	0.999	425,559,697	425,482,355	1.000
AY90	263,568,375	264,287,580	1.003	198,445,853	198,616,578	1.001	462,014,228	462,904,158	1.002
AY91	260,513,390	260,683,476	1.001	230,248,009	233,241,688	1.013	490,761,399	493,925,164	1.006
AY92	210,534,707	210,881,384	1.002	179,915,302	181,075,299	1.006	390,450,009	391,956,683	1.004
AY93	160,751,168	160,433,838	0.998	153,706,815	147,767,384	0.961	314,457,983	308,201,222	0.980
2-yr avg			1.000			0.984			0.992
3-yr avg			1.000			0.993			0.997
4-yr avg			1.001			0.995			0.998
5-yr avg			1.001			0.996			0.998
Indemnity Losses				Medical Losses			Total Losses		
	17th	18th	Dev't	17th	18th	Dev't	17th	18th	Dev't
AY88	188,950,350	188,958,753	1.000	151,180,676	150,703,779	0.997	340,131,026	339,662,532	0.999
AY89	235,460,840	235,211,893	0.999	191,812,413	192,669,462	1.004	427,273,253	427,881,355	1.001
AY90	264,287,580	264,358,653	1.000	198,616,578	198,730,269	1.001	462,904,158	463,088,922	1.000
AY91	260,220,431	259,700,873	0.998	232,946,231	233,576,311	1.003	493,166,662	493,277,184	1.000
AY92	209,749,905	209,952,030	1.001	180,297,359	182,061,498	1.010	390,047,264	392,013,528	1.005
2-yr avg			1.000			1.007			1.003
3-yr avg			1.000			1.005			1.002
4-yr avg			1.000			1.005			1.002
5-yr avg			1.000			1.003			1.001
Indemnity Losses				Medical Losses			Total Losses		
	18th	19th	Dev't	18th	19th	Dev't	18th	19th	Dev't
AY87	107,555,272	107,754,722	1.002	85,300,784	86,282,292	1.012	192,856,056	194,037,014	1.006
AY88	189,561,184	189,806,740	1.001	151,076,114	152,380,958	1.009	340,637,298	342,187,698	1.005
AY89	235,211,893	235,160,301	1.000	192,669,462	196,554,322	1.020	427,881,355	431,714,623	1.009
AY90	263,491,366	263,657,447	1.001	198,337,581	198,552,264	1.001	461,828,947	462,209,711	1.001
AY91	258,683,877	259,012,120	1.001	232,858,585	232,671,345	0.999	491,542,462	491,683,465	1.000
2-yr avg			1.001			1.000			1.001
3-yr avg			1.001			1.007			1.003
4-yr avg			1.001			1.007			1.004
5-yr avg			1.001			1.008			1.004

North Carolina - Excluding IBNR

Accident Year Development Factors

Indemnity Losses									
	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	Medical Losses			Total Losses		
				<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>
AY04	151,683,248	243,092,513	1.603	211,497,782	262,803,126	1.243	363,181,030	505,895,639	1.393
AY05	155,297,934	256,413,717	1.651	247,125,797	312,019,778	1.263	402,423,731	568,433,495	1.413
AY06	152,205,811	255,452,444	1.678	238,554,031	302,364,928	1.267	390,759,842	557,817,372	1.428
AY07	163,463,742	272,447,700	1.667	255,288,711	318,473,073	1.248	418,752,453	590,920,773	1.411
AY08	155,707,476	282,238,984	1.813	249,852,998	320,386,325	1.282	405,560,474	602,625,309	1.486
2-yr avg			1.740			1.265			1.449
3-yr avg			1.719			1.266			1.442
4-yr avg			1.702			1.265			1.435
5-yr avg			1.682			1.261			1.426
Indemnity Losses									
	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	Medical Losses			Total Losses		
				<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>
AY03	228,459,743	281,199,933	1.231	249,129,290	251,446,209	1.009	477,589,033	532,646,142	1.115
AY04	241,945,261	300,762,244	1.243	261,750,223	269,896,377	1.031	503,695,484	570,658,621	1.133
AY05	258,974,652	321,055,528	1.240	314,866,275	332,190,141	1.055	573,840,927	653,245,669	1.138
AY06	256,763,166	312,477,925	1.217	303,878,913	310,481,681	1.022	560,642,079	622,959,606	1.111
AY07	271,221,331	344,040,241	1.268	317,423,887	327,823,579	1.033	588,645,218	671,863,820	1.141
2-yr avg			1.243			1.028			1.126
3-yr avg			1.242			1.037			1.130
4-yr avg			1.242			1.035			1.131
5-yr avg			1.240			1.030			1.128
Indemnity Losses									
	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	Medical Losses			Total Losses		
				<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>
AY02	249,532,510	279,324,960	1.119	230,226,372	238,130,687	1.034	479,758,882	517,455,647	1.079
AY03	281,030,668	309,904,444	1.103	252,005,957	263,856,064	1.047	533,036,625	573,760,508	1.076
AY04	302,172,065	330,632,573	1.094	270,966,911	271,660,130	1.003	573,138,976	602,292,703	1.051
AY05	323,420,410	352,814,383	1.091	334,211,175	333,621,363	0.998	657,631,585	686,435,746	1.044
AY06	306,114,569	346,241,938	1.131	297,036,433	310,037,749	1.044	603,151,002	656,279,687	1.088
2-yr avg			1.111			1.021			1.066
3-yr avg			1.105			1.015			1.061
4-yr avg			1.105			1.023			1.065
5-yr avg			1.108			1.025			1.068
Indemnity Losses									
	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	Medical Losses			Total Losses		
				<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>
AY01	269,149,716	284,671,195	1.058	225,409,600	225,084,373	0.999	494,559,316	509,755,568	1.031
AY02	268,602,063	285,201,249	1.062	229,632,904	223,398,237	0.973	498,234,967	508,599,486	1.021
AY03	310,608,255	325,313,376	1.047	264,241,210	271,753,741	1.028	574,849,465	597,067,117	1.039
AY04	333,236,577	348,914,223	1.047	273,502,157	275,710,741	1.008	606,738,734	624,624,964	1.029
AY05	346,487,165	362,658,783	1.047	328,628,340	337,031,569	1.026	675,115,505	699,690,352	1.036
2-yr avg			1.047			1.017			1.033
3-yr avg			1.047			1.021			1.035
4-yr avg			1.051			1.009			1.031
5-yr avg			1.052			1.007			1.031
Indemnity Losses									
	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	Medical Losses			Total Losses		
				<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>
AY00	285,644,066	294,557,601	1.031	222,125,735	225,687,485	1.016	507,769,801	520,245,086	1.025
AY01	287,869,069	298,053,041	1.035	219,982,081	218,583,873	0.994	507,851,150	516,636,914	1.017
AY02	297,703,183	306,053,973	1.028	235,653,522	234,208,043	0.994	533,356,705	540,262,016	1.013
AY03	326,644,676	332,124,189	1.017	272,838,809	272,269,825	0.998	599,483,485	604,394,014	1.008
AY04	345,930,716	358,945,722	1.038	273,418,238	278,469,838	1.018	619,348,954	637,415,560	1.029
2-yr avg			1.028			1.008			1.019
3-yr avg			1.028			1.003			1.017
4-yr avg			1.030			1.001			1.017
5-yr avg			1.030			1.004			1.018
Indemnity Losses									
	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	Medical Losses			Total Losses		
				<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>
AY99	282,707,084	288,734,244	1.021	213,526,218	214,674,747	1.005	496,233,302	503,408,991	1.014
AY00	294,523,832	297,366,136	1.010	225,642,160	229,169,462	1.016	520,165,992	526,535,598	1.012
AY01	303,109,334	311,688,521	1.028	235,635,194	239,581,587	1.017	538,744,528	551,270,108	1.023
AY02	307,094,726	310,923,346	1.012	234,861,469	238,068,513	1.014	541,956,195	548,991,859	1.013
AY03	330,442,474	335,520,364	1.015	271,402,275	271,572,245	1.001	601,844,749	607,092,609	1.009
2-yr avg			1.014			1.008			1.011
3-yr avg			1.018			1.011			1.015
4-yr avg			1.016			1.012			1.014
5-yr avg			1.017			1.011			1.014

North Carolina - Excluding IBNR

Accident Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
AY98	240,555,873	242,623,872	1.009	196,670,324	201,278,311	1.023	437,226,197	443,902,183	1.015
AY99	289,438,065	292,323,948	1.010	214,074,046	214,709,760	1.003	503,512,111	507,033,708	1.007
AY00	300,644,168	304,909,311	1.014	231,561,818	235,331,846	1.016	532,205,986	540,241,157	1.015
AY01	312,194,964	313,127,156	1.003	240,131,258	236,372,592	0.984	552,326,222	549,499,748	0.995
AY02	308,685,084	310,925,494	1.007	235,985,181	235,667,991	0.999	544,670,265	546,593,485	1.004
2-yr avg			1.005			0.992			1.000
3-yr avg			1.008			1.000			1.005
4-yr avg			1.009			1.001			1.005
5-yr avg			1.009			1.005			1.007
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
AY97	162,745,637	164,422,353	1.010	119,710,595	120,064,163	1.003	282,456,232	284,486,516	1.007
AY98	242,589,500	241,173,557	0.994	198,762,988	195,820,883	0.985	441,352,488	436,994,440	0.990
AY99	295,620,390	296,288,887	1.002	217,138,551	217,606,321	1.002	512,758,941	513,895,208	1.002
AY00	306,242,431	307,362,781	1.004	236,269,014	239,772,490	1.015	542,511,445	547,135,271	1.009
AY01	297,869,768	300,143,905	1.008	226,479,085	227,987,941	1.007	524,348,853	528,131,846	1.007
2-yr avg			1.006			1.011			1.008
3-yr avg			1.005			1.008			1.006
4-yr avg			1.002			1.002			1.002
5-yr avg			1.004			1.002			1.003
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
AY96	135,821,054	135,749,120	0.999	115,338,178	116,068,627	1.006	251,159,232	251,817,747	1.003
AY97	163,617,223	163,610,031	1.000	119,049,345	118,842,222	0.998	282,666,568	282,452,253	0.999
AY98	245,512,088	247,223,090	1.007	200,421,853	203,157,293	1.014	445,933,941	450,380,383	1.010
AY99	299,335,074	301,492,972	1.007	219,227,551	222,142,701	1.013	518,562,625	523,635,673	1.010
AY00	291,036,994	292,758,251	1.006	220,704,289	220,278,992	0.998	511,741,283	513,037,243	1.003
2-yr avg			1.007			1.006			1.007
3-yr avg			1.007			1.008			1.008
4-yr avg			1.005			1.006			1.006
5-yr avg			1.004			1.006			1.005
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
AY95	118,813,480	119,304,427	1.004	100,963,341	100,539,987	0.996	219,776,821	219,844,414	1.000
AY96	137,002,912	138,427,672	1.010	117,114,359	118,742,171	1.014	254,117,271	257,169,843	1.012
AY97	166,330,199	166,336,774	1.000	121,053,056	120,984,250	0.999	287,383,255	287,321,024	1.000
AY98	249,355,007	251,350,877	1.008	205,381,707	205,727,127	1.002	454,736,714	457,078,004	1.005
AY99	287,911,778	289,474,513	1.005	212,243,599	217,471,953	1.025	500,155,377	506,946,466	1.014
2-yr avg			1.007			1.014			1.010
3-yr avg			1.004			1.009			1.006
4-yr avg			1.006			1.010			1.008
5-yr avg			1.005			1.007			1.006
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
AY94	134,227,108	134,938,298	1.005	113,577,371	114,874,282	1.011	247,804,479	249,812,580	1.008
AY95	121,059,655	121,110,427	1.000	101,813,064	101,990,432	1.002	222,872,719	223,100,859	1.001
AY96	138,598,135	138,828,951	1.002	118,837,672	119,222,076	1.003	257,435,807	258,051,027	1.002
AY97	168,532,178	168,864,866	1.002	123,004,277	122,997,807	1.000	291,536,455	291,862,673	1.001
AY98	241,545,975	241,947,169	1.002	197,005,602	199,587,453	1.013	438,551,577	441,534,622	1.007
2-yr avg			1.002			1.007			1.004
3-yr avg			1.002			1.005			1.003
4-yr avg			1.002			1.005			1.003
5-yr avg			1.002			1.006			1.004
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
AY93	159,159,708	159,885,137	1.005	150,365,594	151,948,433	1.011	309,525,302	311,833,570	1.007
AY94	135,690,482	136,956,119	1.009	115,574,709	116,668,709	1.009	251,265,191	253,624,828	1.009
AY95	121,110,427	121,434,537	1.003	101,990,432	101,927,392	0.999	223,100,859	223,361,929	1.001
AY96	141,031,193	141,687,965	1.005	121,065,043	122,000,604	1.008	262,096,236	263,688,569	1.006
AY97	163,782,359	164,383,444	1.004	119,641,528	120,990,010	1.011	283,423,887	285,373,454	1.007
2-yr avg			1.005			1.010			1.007
3-yr avg			1.004			1.006			1.005
4-yr avg			1.005			1.007			1.006
5-yr avg			1.005			1.008			1.006

North Carolina - Excluding IBNR

Accident Year Development Factors, Continued

Indemnity Losses								
	<u>13th</u>	<u>14th</u>	<u>Dev't</u>	Medical Losses			Total Losses	
				<u>13th</u>	<u>14th</u>	<u>Dev't</u>	<u>13th</u>	<u>14th</u>
AY92	209,877,545	210,368,911	1.002	174,705,837	176,817,001	1.012	384,583,382	387,185,912
AY93	161,500,477	161,885,081	1.002	152,959,046	153,783,273	1.005	314,459,523	315,668,354
AY94	136,956,119	137,245,998	1.002	116,668,709	116,896,755	1.002	253,624,828	254,142,753
AY95	123,224,152	123,172,284	1.000	103,896,816	106,177,818	1.022	227,120,968	229,350,102
AY96	140,959,851	141,501,275	1.004	121,494,201	121,494,062	1.000	262,454,052	262,995,337
2-yr avg			1.002			1.011		
3-yr avg			1.002			1.008		
4-yr avg			1.002			1.007		
5-yr avg			1.002			1.008		
Indemnity Losses								
	<u>14th</u>	<u>15th</u>	<u>Dev't</u>	Medical Losses			Total Losses	
				<u>14th</u>	<u>15th</u>	<u>Dev't</u>	<u>14th</u>	<u>15th</u>
AY91	256,564,199	257,767,892	1.005	225,609,649	227,501,991	1.008	482,173,848	485,269,883
AY92	212,123,064	211,548,701	0.997	178,781,633	178,566,726	0.999	390,904,697	390,115,427
AY93	161,885,081	161,611,397	0.998	153,783,273	158,286,145	1.029	315,668,354	319,897,542
AY94	137,992,629	138,045,695	1.000	117,627,920	118,652,904	1.009	255,620,549	256,698,599
AY95	123,072,768	123,644,674	1.005	105,796,094	106,811,656	1.010	228,868,862	230,456,330
2-yr avg			1.003			1.010		
3-yr avg			1.001			1.016		
4-yr avg			1.000			1.012		
5-yr avg			1.001			1.011		
Indemnity Losses								
	<u>15th</u>	<u>16th</u>	<u>Dev't</u>	Medical Losses			Total Losses	
				<u>15th</u>	<u>16th</u>	<u>Dev't</u>	<u>15th</u>	<u>16th</u>
AY90	260,702,033	261,413,109	1.003	196,970,456	197,054,997	1.000	457,672,489	458,468,106
AY91	259,870,730	260,514,754	1.002	229,431,165	230,249,678	1.004	489,301,895	490,764,432
AY92	211,548,701	211,633,136	1.000	178,566,726	180,583,671	1.011	390,115,427	392,216,807
AY93	160,833,698	160,983,046	1.001	153,949,715	154,005,953	1.000	314,783,413	314,988,999
AY94	137,868,869	137,907,009	1.000	118,467,668	119,002,647	1.005	256,336,537	256,909,656
2-yr avg			1.001			1.003		
3-yr avg			1.000			1.005		
4-yr avg			1.001			1.005		
5-yr avg			1.001			1.004		
Indemnity Losses								
	<u>16th</u>	<u>17th</u>	<u>Dev't</u>	Medical Losses			Total Losses	
				<u>16th</u>	<u>17th</u>	<u>Dev't</u>	<u>16th</u>	<u>17th</u>
AY89	234,062,613	234,233,096	1.001	191,500,935	191,247,726	0.999	425,563,548	425,480,822
AY90	263,572,673	264,288,251	1.003	198,447,298	198,618,170	1.001	462,019,971	462,906,421
AY91	260,514,754	260,689,470	1.001	230,249,678	233,244,916	1.013	490,764,432	493,934,386
AY92	210,618,207	210,950,713	1.002	180,015,067	181,143,045	1.006	390,633,274	392,093,758
AY93	160,751,168	160,433,838	0.998	153,706,815	147,767,384	0.961	314,457,983	308,201,222
2-yr avg			1.000			0.984		
3-yr avg			1.000			0.993		
4-yr avg			1.001			0.995		
5-yr avg			1.001			0.996		
Indemnity Losses								
	<u>17th</u>	<u>18th</u>	<u>Dev't</u>	Medical Losses			Total Losses	
				<u>17th</u>	<u>18th</u>	<u>Dev't</u>	<u>17th</u>	<u>18th</u>
AY88	188,959,310	188,961,976	1.000	151,180,661	150,703,764	0.997	340,139,971	339,665,740
AY89	235,459,322	235,209,028	0.999	191,812,398	192,669,462	1.004	427,271,720	427,878,490
AY90	264,288,251	264,368,340	1.000	198,618,170	198,736,092	1.001	462,906,421	463,104,432
AY91	260,226,425	259,700,873	0.998	232,949,459	233,576,311	1.003	493,175,884	493,277,184
AY92	209,819,234	210,003,486	1.001	180,365,105	182,095,282	1.010	390,184,339	392,098,768
2-yr avg			1.000			1.007		
3-yr avg			1.000			1.005		
4-yr avg			1.000			1.005		
5-yr avg			1.000			1.003		
Indemnity Losses								
	<u>18th</u>	<u>19th</u>	<u>Dev't</u>	Medical Losses			Total Losses	
				<u>18th</u>	<u>19th</u>	<u>Dev't</u>	<u>18th</u>	<u>19th</u>
AY87	107,914,173	108,114,434	1.002	85,750,935	86,681,640	1.011	193,665,108	194,796,074
AY88	189,564,407	189,809,371	1.001	151,076,099	152,380,958	1.009	340,640,506	342,190,329
AY89	235,209,028	235,167,404	1.000	192,669,462	196,558,147	1.020	427,878,490	431,725,551
AY90	263,501,053	263,657,447	1.001	198,343,404	198,552,264	1.001	461,844,457	462,209,711
AY91	258,683,877	259,012,120	1.001	232,858,585	232,671,345	0.999	491,542,462	491,683,465
2-yr avg			1.001			1.000		
3-yr avg			1.001			1.007		
4-yr avg			1.001			1.007		
5-yr avg			1.001			1.008		

North Carolina - Incurred

Accident Year Development Factors

Indemnity Losses			Medical Losses			Total Losses			
	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>
AY04	304,658,604	340,303,528	1.117	334,437,297	334,757,917	1.001	639,095,901	675,061,445	1.056
AY05	341,699,580	362,576,176	1.061	407,341,618	407,885,348	1.001	749,041,198	770,461,524	1.029
AY06	337,532,960	368,560,985	1.092	429,822,813	402,451,401	0.936	767,355,773	771,012,386	1.005
AY07	350,002,624	388,413,717	1.110	461,807,359	424,412,988	0.919	811,809,983	812,826,705	1.001
AY08	353,008,194	397,347,354	1.126	455,744,849	420,160,597	0.922	808,753,043	817,507,951	1.011
2-yr avg			1.118			0.921			1.006
3-yr avg			1.109			0.926			1.006
4-yr avg			1.097			0.945			1.012
5-yr avg			1.101			0.956			1.020
Indemnity Losses			Medical Losses			Total Losses			
	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>
AY03	308,203,791	339,528,795	1.102	306,990,962	294,472,772	0.959	615,194,753	634,001,567	1.031
AY04	338,806,517	365,476,370	1.079	333,421,118	324,107,022	0.972	672,227,635	689,583,392	1.026
AY05	365,336,572	399,492,737	1.093	410,988,696	400,246,457	0.974	776,325,268	799,739,194	1.030
AY06	370,407,023	395,460,265	1.068	404,588,612	385,093,526	0.952	774,995,635	780,553,791	1.007
AY07	387,187,358	420,464,302	1.086	423,363,819	396,022,667	0.935	810,551,177	816,486,969	1.007
2-yr avg			1.077			0.944			1.007
3-yr avg			1.082			0.954			1.015
4-yr avg			1.082			0.958			1.018
5-yr avg			1.086			0.958			1.020
Indemnity Losses			Medical Losses			Total Losses			
	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>
AY02	288,596,498	313,978,339	1.088	262,269,338	266,587,230	1.016	550,865,836	580,565,569	1.054
AY03	339,569,530	354,597,172	1.044	295,100,721	305,480,605	1.035	634,670,251	660,077,777	1.040
AY04	366,922,420	380,339,790	1.037	325,225,741	315,966,040	0.972	692,148,161	696,305,830	1.006
AY05	402,361,280	414,329,196	1.030	402,667,637	389,625,916	0.968	805,028,917	803,955,112	0.999
AY06	387,297,133	405,901,749	1.048	369,848,502	363,430,101	0.983	757,145,635	769,331,850	1.016
2-yr avg			1.039			0.976			1.008
3-yr avg			1.038			0.974			1.007
4-yr avg			1.040			0.990			1.015
5-yr avg			1.049			0.995			1.023
Indemnity Losses			Medical Losses			Total Losses			
	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>
AY01	293,078,009	310,516,252	1.060	245,233,065	244,633,783	0.998	538,311,074	555,150,035	1.031
AY02	302,293,384	318,331,386	1.053	257,594,015	256,049,385	0.994	559,887,399	574,380,771	1.026
AY03	355,273,132	371,250,478	1.045	305,848,298	316,355,581	1.034	661,121,430	687,606,059	1.040
AY04	383,170,487	402,087,213	1.049	317,962,825	325,066,138	1.022	701,133,312	727,153,351	1.037
AY05	404,367,069	418,977,163	1.036	381,004,756	391,766,701	1.028	785,371,825	810,743,864	1.032
2-yr avg			1.043			1.025			1.035
3-yr avg			1.043			1.028			1.036
4-yr avg			1.046			1.020			1.034
5-yr avg			1.049			1.015			1.033
Indemnity Losses			Medical Losses			Total Losses			
	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>
AY00	308,764,939	310,813,271	1.007	239,105,870	238,787,864	0.999	547,870,809	549,601,135	1.003
AY01	313,978,154	315,867,287	1.006	234,306,742	236,376,075	1.009	548,284,896	552,243,362	1.007
AY02	332,043,713	325,349,454	0.980	268,255,249	252,186,260	0.940	600,298,962	577,535,714	0.962
AY03	372,756,191	359,596,596	0.965	317,577,518	299,605,226	0.943	690,333,709	659,201,822	0.955
AY04	398,405,566	384,746,336	0.966	322,094,305	301,193,089	0.935	720,499,871	685,939,425	0.952
2-yr avg			0.966			0.939			0.954
3-yr avg			0.970			0.939			0.956
4-yr avg			0.979			0.957			0.969
5-yr avg			0.985			0.965			0.976
Indemnity Losses			Medical Losses			Total Losses			
	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>
AY99	299,319,453	299,614,014	1.001	226,627,472	224,156,066	0.989	525,946,925	523,770,080	0.996
AY00	310,612,919	309,922,961	0.998	238,600,797	240,603,328	1.008	549,213,716	550,526,289	1.002
AY01	321,130,145	329,762,900	1.027	253,573,596	256,862,305	1.013	574,703,741	586,625,205	1.021
AY02	326,415,642	328,726,460	1.007	252,855,521	256,357,430	1.014	579,271,163	585,083,890	1.010
AY03	357,795,041	356,235,127	0.996	298,640,789	292,703,478	0.980	656,435,830	648,938,605	0.989
2-yr avg			1.002			0.997			1.000
3-yr avg			1.010			1.002			1.007
4-yr avg			1.007			1.004			1.006
5-yr avg			1.006			1.001			1.004

North Carolina - Incurred

Accident Year Development Factors, Continued

	Indemnity Losses			Medical Losses			Total Losses		
	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>	<u>7th</u>	<u>8th</u>	<u>Dev't</u>
AY98	250,740,874	251,397,373	1.003	207,035,687	209,335,166	1.011	457,776,561	460,732,539	1.006
AY99	300,100,060	301,019,534	1.003	223,395,917	223,769,847	1.002	523,495,977	524,789,381	1.002
AY00	313,411,974	316,016,540	1.008	243,169,706	245,713,723	1.010	556,581,680	561,730,263	1.009
AY01	330,253,637	328,122,285	0.994	257,402,573	251,539,591	0.977	587,656,210	579,661,876	0.986
AY02	326,403,190	323,990,412	0.993	254,205,357	248,687,803	0.978	580,608,547	572,678,215	0.986
2-yr avg			0.994			0.978			0.986
3-yr avg			0.998			0.988			0.994
4-yr avg			1.000			0.992			0.996
5-yr avg			1.000			0.996			0.998
	Indemnity Losses			Medical Losses			Total Losses		
	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>	<u>8th</u>	<u>9th</u>	<u>Dev't</u>
AY97	169,496,923	171,623,665	1.013	124,998,187	125,568,183	1.005	294,495,110	297,191,848	1.009
AY98	251,161,091	248,981,930	0.991	206,614,598	203,916,840	0.987	457,775,689	452,898,770	0.989
AY99	304,586,126	305,240,197	1.002	226,396,577	225,870,917	0.998	530,982,703	531,111,114	1.000
AY00	317,435,961	317,385,241	1.000	246,717,479	249,942,810	1.013	564,153,440	567,328,051	1.006
AY01	312,228,143	312,792,767	1.002	240,803,236	239,935,209	0.996	553,031,379	552,727,976	0.999
2-yr avg			1.001			1.005			1.003
3-yr avg			1.001			1.002			1.002
4-yr avg			0.999			0.999			0.999
5-yr avg			1.002			1.000			1.001
	Indemnity Losses			Medical Losses			Total Losses		
	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>	<u>9th</u>	<u>10th</u>	<u>Dev't</u>
AY96	126,597,876	126,989,217	1.003	108,714,857	109,896,106	1.011	235,312,733	236,885,323	1.007
AY97	170,665,777	169,842,814	0.995	124,429,171	125,660,873	1.010	295,094,948	295,503,687	1.001
AY98	253,582,287	258,306,695	1.019	208,760,267	213,837,871	1.024	462,342,554	472,144,566	1.021
AY99	308,249,865	312,089,683	1.012	227,432,358	233,561,949	1.027	535,682,223	545,651,632	1.019
AY00	300,492,423	300,750,376	1.001	230,326,933	227,410,482	0.987	530,819,356	528,160,858	0.995
2-yr avg			1.007			1.007			1.007
3-yr avg			1.011			1.013			1.012
4-yr avg			1.007			1.012			1.009
5-yr avg			1.006			1.012			1.009
	Indemnity Losses			Medical Losses			Total Losses		
	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>	<u>10th</u>	<u>11th</u>	<u>Dev't</u>
AY95	110,232,400	107,741,535	0.977	96,046,661	93,587,671	0.974	206,279,061	201,329,206	0.976
AY96	128,208,000	128,404,524	1.002	110,917,764	112,856,843	1.017	239,125,764	241,261,367	1.009
AY97	172,751,959	171,394,191	0.992	128,025,299	125,600,365	0.981	300,777,258	296,994,556	0.987
AY98	260,611,712	257,992,727	0.990	216,247,101	212,485,948	0.983	476,858,813	470,478,675	0.987
AY99	298,278,523	296,334,207	0.993	223,564,698	224,996,886	1.006	521,843,221	521,331,093	0.999
2-yr avg			0.992			0.995			0.993
3-yr avg			0.992			0.990			0.991
4-yr avg			0.994			0.997			0.996
5-yr avg			0.991			0.992			0.992
	Indemnity Losses			Medical Losses			Total Losses		
	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>	<u>11th</u>	<u>12th</u>	<u>Dev't</u>
AY94	141,003,230	141,126,872	1.001	117,827,621	119,910,811	1.018	258,830,851	261,037,683	1.009
AY95	111,661,020	115,443,150	1.034	95,792,323	100,087,719	1.045	207,453,343	215,530,869	1.039
AY96	142,030,129	145,742,245	1.026	122,838,130	127,051,902	1.034	264,868,259	272,794,147	1.030
AY97	173,589,595	177,856,721	1.025	127,620,392	132,934,975	1.042	301,209,987	310,791,696	1.032
AY98	247,793,340	253,723,613	1.024	203,463,035	213,274,894	1.048	451,256,375	466,998,507	1.035
2-yr avg			1.025			1.045			1.034
3-yr avg			1.025			1.041			1.032
4-yr avg			1.027			1.042			1.034
5-yr avg			1.022			1.037			1.029
	Indemnity Losses			Medical Losses			Total Losses		
	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>	<u>12th</u>	<u>13th</u>	<u>Dev't</u>
AY93	163,476,314	162,546,327	0.994	153,840,179	154,483,285	1.004	317,316,493	317,029,612	0.999
AY94	126,508,560	124,041,508	0.980	107,895,177	106,280,684	0.985	234,403,737	230,322,192	0.983
AY95	128,293,259	124,093,400	0.967	109,829,304	104,516,376	0.952	238,122,563	228,609,776	0.960
AY96	147,944,487	145,418,323	0.983	128,894,869	125,806,931	0.976	276,839,356	271,225,254	0.980
AY97	172,767,322	167,765,697	0.971	129,553,354	124,233,889	0.959	302,320,676	291,999,586	0.966
2-yr avg			0.977			0.968			0.973
3-yr avg			0.974			0.962			0.969
4-yr avg			0.975			0.968			0.972
5-yr avg			0.979			0.975			0.978

North Carolina - Incurred

Accident Year Development Factors, Continued

Indemnity Losses			Medical Losses			Total Losses			
	13th	14th	Dev't	13th	14th	Dev't	13th	14th	Dev't
AY92	212,976,134	212,814,501	0.999	176,907,569	179,408,759	1.014	389,883,703	392,223,260	1.006
AY93	150,002,945	150,391,550	1.003	140,774,601	141,649,542	1.006	290,777,546	292,041,092	1.004
AY94	141,016,748	140,242,835	0.995	121,785,501	119,854,965	0.984	262,802,249	260,097,800	0.990
AY95	125,934,583	126,265,986	1.003	106,541,468	109,135,260	1.024	232,476,051	235,401,246	1.013
AY96	144,687,997	145,091,468	1.003	125,298,747	124,541,655	0.994	269,986,744	269,633,123	0.999
2-yr avg			1.003			1.009			1.006
3-yr avg			1.000			1.001			1.001
4-yr avg			1.001			1.002			1.002
5-yr avg			1.001			1.004			1.002
Indemnity Losses			Medical Losses			Total Losses			
	14th	15th	Dev't	14th	15th	Dev't	14th	15th	Dev't
AY91	259,473,627	259,845,471	1.001	228,189,482	230,222,250	1.009	487,663,109	490,067,721	1.005
AY92	198,733,027	198,574,084	0.999	166,697,997	165,961,046	0.996	365,431,024	364,535,130	0.998
AY93	166,396,541	164,548,807	0.989	157,361,125	162,190,708	1.031	323,757,666	326,739,515	1.009
AY94	140,989,466	141,380,313	1.003	120,586,130	121,721,867	1.009	261,575,596	263,102,180	1.006
AY95	126,165,494	126,116,864	1.000	108,752,750	109,195,102	1.004	234,918,244	235,311,966	1.002
2-yr avg			1.002			1.007			1.004
3-yr avg			0.997			1.015			1.006
4-yr avg			0.998			1.010			1.004
5-yr avg			0.998			1.010			1.004
Indemnity Losses			Medical Losses			Total Losses			
	15th	16th	Dev't	15th	16th	Dev't	15th	16th	Dev't
AY90	243,349,520	243,199,715	0.999	184,533,661	184,104,768	0.998	427,883,181	427,304,483	0.999
AY91	220,456,477	221,160,350	1.003	197,488,740	198,362,089	1.004	417,945,217	419,522,439	1.004
AY92	201,306,484	201,096,619	0.999	170,066,353	172,184,436	1.012	371,372,837	373,281,055	1.005
AY93	163,771,108	163,292,618	0.997	157,854,278	157,194,078	0.996	321,625,386	320,486,696	0.996
AY94	141,203,487	141,305,873	1.001	121,536,631	122,072,238	1.004	262,740,118	263,378,111	1.002
2-yr avg			0.999			1.000			0.999
3-yr avg			0.999			1.004			1.001
4-yr avg			1.000			1.004			1.002
5-yr avg			1.000			1.003			1.001
Indemnity Losses			Medical Losses			Total Losses			
	16th	17th	Dev't	16th	17th	Dev't	16th	17th	Dev't
AY89	220,035,950	218,993,500	0.995	179,135,334	178,221,888	0.995	399,171,284	397,215,388	0.995
AY90	223,800,830	223,995,473	1.001	170,634,039	170,731,664	1.001	394,434,869	394,727,137	1.001
AY91	242,703,633	242,513,000	0.999	216,703,998	219,382,737	1.012	459,407,631	461,895,737	1.005
AY92	200,081,690	200,850,873	1.004	171,615,832	172,763,206	1.007	371,697,522	373,614,079	1.005
AY93	163,060,740	163,711,704	1.004	156,894,940	150,134,043	0.957	319,955,680	313,845,747	0.981
2-yr avg			1.004			0.982			0.993
3-yr avg			1.002			0.992			0.997
4-yr avg			1.002			0.994			0.998
5-yr avg			1.001			0.994			0.997
Indemnity Losses			Medical Losses			Total Losses			
	17th	18th	Dev't	17th	18th	Dev't	17th	18th	Dev't
AY88	190,037,214	189,764,961	0.999	152,578,464	152,193,247	0.997	342,615,678	341,958,208	0.998
AY89	221,148,013	221,216,037	1.000	182,133,050	183,241,547	1.006	403,281,063	404,457,584	1.003
AY90	266,919,540	266,845,281	1.000	201,076,545	201,042,106	1.000	467,996,085	467,887,387	1.000
AY91	262,335,774	261,721,667	0.998	235,933,956	236,344,287	1.002	498,269,730	498,065,954	1.000
AY92	213,332,656	211,711,653	0.992	182,663,104	185,312,295	1.015	395,995,760	397,023,948	1.003
2-yr avg			0.995			1.009			1.002
3-yr avg			0.997			1.006			1.001
4-yr avg			0.998			1.006			1.002
5-yr avg			0.998			1.004			1.001
Indemnity Losses			Medical Losses			Total Losses			
	18th	19th	Dev't	18th	19th	Dev't	18th	19th	Dev't
AY87	108,028,902	108,365,930	1.003	85,994,197	87,210,259	1.014	194,023,099	195,576,189	1.008
AY88	175,396,941	175,587,589	1.001	142,382,616	142,994,386	1.004	317,779,557	318,581,975	1.003
AY89	237,592,284	236,525,529	0.996	194,071,858	197,464,172	1.017	431,664,142	433,989,701	1.005
AY90	265,977,994	266,062,259	1.000	200,649,418	201,032,157	1.002	466,627,412	467,094,416	1.001
AY91	240,611,648	240,177,428	0.998	218,646,498	218,556,119	1.000	459,258,146	458,733,547	0.999
2-yr avg			0.999			1.001			1.000
3-yr avg			0.998			1.006			1.002
4-yr avg			0.999			1.006			1.002
5-yr avg			1.000			1.007			1.003

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Item

- 3(c) The filer shall provide for each of the loss amounts in Sub-item (3)(b) of this Rule, paid claim counts, incurred claim counts, and outstanding claim counts.

Response

The requested claim count data are not regularly collected through the statistical plan. Incurred claim counts are available from NCCI's financial calls and are attached as Exhibit 3(c), pages 1 and 2.

The requested paid and outstanding claim count data are attached as Exhibit 3(c), page 3. The source of this data is a special North Carolina Financial Call to which not all large companies have responded. Caution should be used in interpreting the data shown on these exhibits. For instance, the data, as it is shown, cannot be used to make a determination on the relative frequency of claims—the data must first be developed to an ultimate basis. In addition, consideration would have to be given to matching companies, shifts in premium and loss volume and any differences in reporting methods by company. This data does not correspond to the loss amounts in the response to Item 3(b) and has not been used in any loss cost level calculations.

Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	6th Report	7th Report	8th Report	9th Report	10th Report	11th Report	12th Report	13th Report	14th Report	15th Report	16th Report	17th Report	18th Report
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	23,258	23,261
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	23,303	23,309
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	17,917	17,924
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	23,473	23,477	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	17,969	17,977	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,638	13,642	xxx
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	22,749	22,761	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	18,154	18,157	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,702	13,704	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,100	11,107	xxx
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	22,771	22,791	xxx	xxx	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	17,635	17,638	xxx	xxx	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,841	13,852	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,158	11,161	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,336	10,339	xxx	xxx	xxx	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	17,624	17,635	xxx	xxx	xxx	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,405	13,421	xxx	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,174	11,176	xxx	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,389	10,393	xxx	xxx	xxx	xxx	xxx
1996	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,057	11,060	xxx	xxx	xxx	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,401	13,406	xxx	xxx	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,729	10,736	xxx	xxx	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,314	10,317	xxx	xxx	xxx	xxx	xxx	xxx
1996	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,094	11,096	xxx	xxx	xxx	xxx	xxx	xxx
1997	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,034	12,035	xxx	xxx	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,736	10,743	xxx	xxx	xxx	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,303	10,304	xxx	xxx	xxx	xxx	xxx	xxx	xxx
1996	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,098	11,097	xxx	xxx	xxx	xxx	xxx	xxx	xxx
1997	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,347	12,362	xxx	xxx	xxx	xxx	xxx	xxx	xxx
1998	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,960	13,971	xxx	xxx	xxx	xxx	xxx	xxx	xxx

Accident Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	6th Report	7th Report	8th Report	9th Report	10th Report	11th Report	12th Report	13th Report	14th Report	15th Report	16th Report	17th Report	18th Report
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	24,523	24,533
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	19,990	19,999
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	24,661	24,658	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	20,036	20,041	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	15,178	15,177	xxx
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	23,908	23,923	xxx	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	20,213	20,219	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	15,224	15,230	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,134	12,134	xxx	xxx
1991	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	23,951	23,963	xxx	xxx	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	19,602	19,604	xxx	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	15,382	15,403	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,198	12,198	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,586	10,592	xxx	xxx	xxx
1992	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	19,605	19,621	xxx	xxx	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	14,921	14,927	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,202	12,210	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,641	10,647	xxx	xxx	xxx	xxx
1996	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,738	10,743	xxx	xxx	xxx	xxx
1993	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	14,917	14,921	xxx	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,725	11,745	xxx	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,630	10,628	xxx	xxx	xxx	xxx	xxx
1996	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,771	10,773	xxx	xxx	xxx	xxx	xxx
1997	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,791	11,787	xxx	xxx	xxx	xxx	xxx
1994	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,724	11,731	xxx	xxx	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,362	10,368	xxx	xxx	xxx	xxx	xxx	xxx
1996	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,744	10,748	xxx	xxx	xxx	xxx	xxx	xxx
1997	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,048	12,060	xxx	xxx	xxx	xxx	xxx	xxx
1998	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,939	13,941	xxx	xxx	xxx	xxx	xxx	xxx
1995	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,403	10,407	xxx	xxx	xxx	xxx	xxx	xxx	xxx

North Carolina Open and Closed Claim Count Data*

Policy Year

Policy Year	Paid (Closed) Claim Counts			Outstanding (Open) Claim Counts			Total Claim Counts		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<u>Indemnity</u>	<u>Medical Only</u>	<u>Total</u>	<u>Indemnity</u>	<u>Medical Only</u>	<u>Total</u>	<u>Indemnity</u>	<u>Medical Only</u>	<u>Total</u>
2004	12,462	42,909	55,371	446	113	559	12,908	43,022	55,930
2005	12,410	42,137	54,547	737	112	849	13,147	42,249	55,396
2006	11,345	41,653	52,998	1,318	257	1,575	12,663	41,910	54,573
2007	10,240	42,313	52,553	2,801	557	3,358	13,041	42,870	55,911
2008	5,897	49,432	55,329	5,370	2,802	8,172	11,267	52,234	63,501

Accident Year

Accident Year	Paid (Closed) Claim Counts			Outstanding (Open) Claim Counts			Total Claim Counts		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<u>Indemnity</u>	<u>Medical Only</u>	<u>Total</u>	<u>Indemnity</u>	<u>Medical Only</u>	<u>Total</u>	<u>Indemnity</u>	<u>Medical Only</u>	<u>Total</u>
2005	12,604	41,717	54,321	586	111	697	13,190	41,828	55,018
2006	11,606	41,675	53,281	999	170	1,169	12,605	41,845	54,450
2007	11,068	43,071	54,139	1,859	362	2,221	12,927	43,433	56,360
2008	8,303	39,487	47,790	4,052	905	4,957	12,355	40,392	52,747
2009	2,460	23,734	26,194	7,072	8,758	15,830	9,532	32,492	42,024

* Claim counts are not developed to an ultimate basis. For guidelines on the interpretation of this data, please see the response to Item 3(c).
PY and AY data is valued as of 12/31/09.

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Item

- 3(d) The filer shall provide at least the latest ten available policy years of the incurred loss data described in Sub-items (3)(d)(i) through (ii) of this Rule from the Unit Statistical Plan for matching policies for all pairs of successive evaluation dates. The filer shall also provide the corresponding loss development factors and five-year average factors derivable from the data.
- (i) Losses separated into indemnity and medical portions, as well as combined data;
 - (ii) Losses separated into deaths, permanent totals, major permanent partials, minor permanent partials, temporary totals, and medicals only.

Response

See attached Exhibit 3(d) for the available incurred loss data from the Workers Compensation Statistical Plan.

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Injury Type: Fatal**

Indemnity						Medical						Combined (Indemnity + Medical)					
<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	10,006,888	10,035,352	10,563,922	11,081,393	11,319,610	1998	969,690	893,386	1,008,654	1,022,602	1,065,714	1998	10,976,578	10,928,738	11,572,576	12,103,995	12,385,324
1999	10,295,374	10,529,217	12,661,162	13,896,037	14,350,877	1999	1,548,532	1,368,321	1,602,506	1,534,795	2,114,025	1999	11,843,906	11,897,538	14,263,668	15,430,832	16,464,902
2000	9,962,664	10,139,904	10,587,718	11,948,901	12,542,053	2000	730,681	711,854	737,698	855,276	885,669	2000	10,693,345	10,851,758	11,325,416	12,804,177	13,427,722
2001	11,144,616	12,514,120	13,048,638	13,205,797	13,237,237	2001	1,986,464	2,147,972	2,141,535	1,903,566	2,021,968	2001	13,131,080	14,662,092	15,190,173	15,109,363	15,259,205
2002	8,604,245	9,107,150	9,696,124	9,679,002	10,068,224	2002	1,298,543	1,058,767	1,077,532	1,753,110	1,742,230	2002	9,902,788	10,165,917	10,773,656	11,432,112	11,810,454
2003	10,665,203	11,936,653	11,945,240	11,948,890	12,374,936	2003	1,989,985	1,477,367	1,057,182	1,295,905	1,274,302	2003	12,655,188	13,414,020	13,002,422	13,244,795	13,649,238
2004	12,233,246	12,663,608	12,680,032	13,266,620		2004	5,731,907	5,599,845	5,330,832	5,452,935		2004	17,965,153	18,263,453	18,010,864	18,719,555	
2005	10,131,001	11,468,897	12,794,414			2005	2,470,818	3,596,055	4,621,333			2005	12,601,819	15,064,952	17,415,747		
2006	10,630,441	11,866,027				2006	907,459	806,494				2006	11,537,900	12,672,521			
2007	10,054,105					2007	2,054,180					2007	12,108,285				
<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>	
1998	1.003	1.053	1.049	1.021		1998	0.921	1.129	1.014	1.042		1998	0.996	1.059	1.046	1.023	
1999	1.023	1.202	1.098	1.033		1999	0.884	1.171	0.958	1.377		1999	1.005	1.199	1.082	1.067	
2000	1.018	1.044	1.129	1.050		2000	0.974	1.036	1.159	1.036		2000	1.015	1.044	1.131	1.049	
2001	1.123	1.043	1.012	1.002		2001	1.081	0.997	0.889	1.062		2001	1.117	1.036	0.995	1.010	
2002	1.058	1.065	0.998	1.040		2002	0.815	1.018	1.627	0.994		2002	1.027	1.060	1.061	1.033	
2003	1.119	1.001	1.000	1.036		2003	0.742	0.716	1.226	0.983		2003	1.060	0.969	1.019	1.031	
2004	1.035	1.001	1.046			2004	0.977	0.952	1.023			2004	1.017	0.986	1.039		
2005	1.132	1.116				2005	1.455	1.285				2005	1.195	1.156			
2006	1.116					2006	0.889					2006	1.098				
5-yr Avg	1.092	1.045	1.037	1.032		5-yr Avg	0.976	0.994	1.185	1.090		5-yr Avg	1.079	1.041	1.049	1.038	

Injury Type: Permanent Total

Indemnity						Medical						Combined (Indemnity + Medical)					
<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	5,935,170	16,063,177	22,662,980	32,289,980	34,177,716	1998	13,366,988	29,409,904	26,424,458	39,035,156	41,773,378	1998	19,302,158	45,473,081	49,087,438	71,325,136	75,951,094
1999	5,802,659	14,984,377	22,490,392	30,971,550	40,183,388	1999	11,137,464	15,754,805	16,755,763	25,409,665	32,560,269	1999	16,940,123	30,739,182	39,246,155	56,381,215	72,743,657
2000	4,708,584	11,404,244	20,977,049	31,623,536	40,377,769	2000	5,985,731	11,124,497	16,785,042	29,021,784	41,349,710	2000	10,694,315	22,528,741	37,762,091	60,645,320	81,727,479
2001	6,033,194	12,521,311	24,994,469	34,546,716	43,605,600	2001	31,060,153	41,844,285	33,438,607	44,782,778	48,304,843	2001	37,093,347	54,365,596	58,433,076	79,329,494	91,910,443
2002	7,867,364	14,435,758	28,320,992	46,309,735	51,990,016	2002	23,472,893	30,304,103	36,278,476	52,515,674	54,305,423	2002	31,340,257	44,739,861	64,599,468	98,825,409	106,295,439
2003	7,864,729	16,343,792	34,135,840	51,751,847	58,618,890	2003	17,975,009	24,087,897	36,806,607	50,602,660	49,862,789	2003	25,839,738	40,431,689	70,942,447	102,354,507	108,481,679
2004	6,984,156	19,982,478	41,648,513	54,519,978		2004	14,429,044	42,902,923	56,179,904	66,995,791		2004	21,413,200	62,885,401	97,828,417	121,515,769	
2005	11,297,466	29,675,951	43,874,606			2005	32,611,643	51,756,074	48,977,770			2005	43,909,109	81,432,025	92,852,376		
2006	11,513,003	19,544,759				2006	28,949,608	36,771,272				2006	40,462,611	56,316,031			
2007	9,332,480					2007	20,605,104					2007	29,937,584				
<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>	
1998	2.706	1.411	1.425	1.058		1998	2.200	0.898	1.477	1.070		1998	2.356	1.079	1.453	1.065	
1999	2.582	1.501	1.377	1.297		1999	1.415	1.064	1.516	1.281		1999	1.815	1.277	1.437	1.290	
2000	2.422	1.839	1.508	1.277		2000	1.859	1.509	1.729	1.425		2000	2.107	1.676	1.606	1.348	
2001	2.075	1.996	1.382	1.262		2001	1.347	0.799	1.339	1.079		2001	1.466	1.075	1.358	1.159	
2002	1.835	1.962	1.635	1.123		2002	1.291	1.197	1.448	1.034		2002	1.428	1.444	1.530	1.076	
2003	2.078	2.089	1.516	1.133		2003	1.340	1.528	1.375	0.985		2003	1.565	1.755	1.443	1.060	
2004	2.861	2.084	1.309			2004	2.973	1.309	1.193			2004	2.937	1.556	1.242		
2005	2.627	1.478				2005	1.587	0.946				2005	1.855	1.140			
2006	1.698					2006	1.270					2006	1.392				
5-yr Avg	2.220	1.922	1.470	1.218		5-yr Avg	1.692	1.156	1.417	1.161		5-yr Avg	1.835	1.394	1.436	1.187	

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Injury Type: Permanent Partial**

Indemnity						Medical						Combined (Indemnity + Medical)					
<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	154,626,322	233,245,003	279,363,901	304,854,164	320,779,809	1998	130,969,279	162,716,813	179,513,188	184,365,882	190,386,275	1998	285,595,601	395,961,816	458,877,089	489,220,046	511,166,084
1999	158,958,107	255,612,124	314,343,120	355,939,283	380,976,052	1999	129,620,084	169,600,514	195,405,413	200,816,155	204,913,970	1999	288,578,191	425,212,638	509,748,533	556,755,438	585,890,022
2000	157,709,851	254,309,875	332,103,279	381,090,637	406,225,422	2000	129,903,533	173,739,007	203,597,654	222,366,155	227,292,464	2000	287,613,384	428,048,882	535,700,933	603,456,792	633,517,886
2001	155,989,227	259,922,143	349,060,573	390,645,668	413,537,786	2001	145,314,820	191,895,346	226,730,154	227,806,891	226,783,914	2001	301,304,047	451,817,489	575,790,727	618,452,559	640,321,700
2002	163,947,450	286,185,232	358,762,918	380,411,417	394,870,253	2002	159,157,166	223,587,044	247,178,872	241,385,889	248,728,863	2002	323,104,616	509,772,276	605,941,790	621,797,306	643,599,116
2003	193,004,333	322,554,502	385,494,627	413,476,469	430,628,201	2003	177,729,545	241,862,085	259,382,186	263,392,680	271,514,860	2003	370,733,878	564,416,587	644,876,813	676,869,149	702,143,061
2004	204,477,522	333,361,670	392,176,903	422,296,137		2004	209,914,831	267,750,468	272,909,395	280,145,007		2004	414,392,353	601,112,138	665,086,298	702,441,144	
2005	214,938,089	353,765,476	417,048,482			2005	222,228,492	285,071,813	303,867,475			2005	437,166,581	638,837,289	720,915,957		
2006	221,522,005	362,775,283				2006	226,580,221	298,018,278				2006	448,102,226	660,793,561			
2007	236,031,285					2007	241,030,577					2007	477,061,862				
<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>	
1998	1.508	1.198	1.091	1.052		1998	1.242	1.103	1.027	1.033		1998	1.386	1.159	1.066	1.045	
1999	1.608	1.230	1.132	1.070		1999	1.308	1.152	1.028	1.020		1999	1.473	1.199	1.092	1.052	
2000	1.613	1.306	1.148	1.066		2000	1.337	1.172	1.092	1.022		2000	1.488	1.251	1.126	1.050	
2001	1.666	1.343	1.119	1.059		2001	1.321	1.182	1.005	0.996		2001	1.500	1.274	1.074	1.035	
2002	1.746	1.254	1.060	1.038		2002	1.405	1.106	0.977	1.030		2002	1.578	1.189	1.026	1.035	
2003	1.671	1.195	1.073	1.041		2003	1.361	1.072	1.015	1.031		2003	1.522	1.143	1.050	1.037	
2004	1.630	1.176	1.077			2004	1.276	1.019	1.027			2004	1.451	1.106	1.056		
2005	1.646	1.179				2005	1.283	1.066				2005	1.461	1.128			
2006	1.638					2006	1.315					2006	1.475				
5-yr Avg	1.666	1.229	1.095	1.055		5-yr Avg	1.328	1.089	1.023	1.020		5-yr Avg	1.497	1.168	1.066	1.042	

Injury Type: Temporary Total

Indemnity						Medical						Combined (Indemnity + Medical)					
<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>	<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	79,249,869	71,187,693	67,562,471	66,487,553	65,898,157	1998	83,581,169	69,475,021	63,855,212	62,215,993	61,364,548	1998	162,831,038	140,662,714	131,417,683	128,703,546	127,262,705
1999	95,909,071	90,997,178	87,846,865	86,532,731	85,085,732	1999	103,264,677	90,320,387	84,431,250	81,946,349	79,912,970	1999	199,173,748	181,317,565	172,278,115	168,479,080	164,998,702
2000	98,099,226	94,131,840	91,362,655	87,856,837	86,206,687	2000	107,664,978	94,593,797	85,752,432	80,316,365	78,140,441	2000	205,764,204	188,725,637	177,115,087	168,173,202	164,347,128
2001	100,449,755	93,219,366	85,710,016	82,583,182	82,137,739	2001	115,159,601	97,134,942	84,007,590	78,234,273	76,543,293	2001	215,609,356	190,354,308	169,717,606	160,817,455	158,681,032
2002	90,697,205	79,320,234	71,995,894	70,053,864	69,732,699	2002	109,208,576	87,078,347	73,958,778	70,289,757	69,973,629	2002	199,905,781	166,398,581	145,954,672	140,343,621	139,706,328
2003	91,583,618	73,576,232	67,399,060	66,427,595	66,168,082	2003	119,208,316	84,300,281	72,520,960	70,194,168	69,580,384	2003	210,791,934	157,876,513	139,920,020	136,621,763	135,748,466
2004	84,040,274	64,559,788	62,945,377	62,201,951		2004	119,478,855	79,477,222	74,337,344	72,473,934		2004	203,519,129	144,037,010	137,282,721	134,675,885	
2005	85,107,900	63,834,166	62,596,890			2005	119,470,329	78,158,675	73,584,943			2005	204,578,229	141,992,841	136,181,833		
2006	81,564,143	61,802,189				2006	120,148,956	79,428,127				2006	201,713,099	141,230,316			
2007	86,798,601					2007	122,731,608					2007	209,530,209				
<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>		<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>	
1998	0.898	0.949	0.984	0.991		1998	0.831	0.919	0.974	0.986		1998	0.864	0.934	0.979	0.989	
1999	0.949	0.965	0.985	0.983		1999	0.875	0.935	0.971	0.975		1999	0.910	0.950	0.978	0.979	
2000	0.960	0.971	0.962	0.981		2000	0.879	0.907	0.937	0.973		2000	0.917	0.938	0.950	0.977	
2001	0.928	0.919	0.964	0.995		2001	0.843	0.865	0.931	0.978		2001	0.883	0.892	0.948	0.987	
2002	0.875	0.908	0.973	0.995		2002	0.797	0.849	0.950	0.996		2002	0.832	0.877	0.962	0.995	
2003	0.803	0.916	0.986	0.996		2003	0.707	0.860	0.968	0.991		2003	0.749	0.886	0.976	0.994	
2004	0.768	0.975	0.988			2004	0.665	0.935	0.975			2004	0.708	0.953	0.981		
2005	0.750	0.981				2005	0.654	0.941				2005	0.694	0.959			
2006	0.758					2006	0.661					2006	0.700				
5-yr Avg	0.791	0.940	0.975	0.990		5-yr Avg	0.697	0.890	0.952	0.983		5-yr Avg	0.737	0.913	0.963	0.986	

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Injury Type: Medical Only****Indemnity**

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	0	0	0	0	0
1999	0	0	0	0	0
2000	0	0	0	0	0
2001	0	0	0	0	0
2002	0	0	0	0	0
2003	0	0	0	0	0
2004	0	0	0	0	
2005	0	0	0		
2006	0	0			
2007	0				

Medical

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	43,703,088	45,066,781	45,635,786	45,608,228	45,967,609
1999	47,884,529	49,396,050	50,066,724	50,110,927	50,151,829
2000	46,668,311	48,540,215	49,018,898	49,470,129	49,446,043
2001	47,420,336	48,716,784	48,430,801	48,715,156	48,973,737
2002	46,267,086	47,069,485	47,212,207	47,387,419	47,568,185
2003	49,121,730	50,095,670	50,345,379	50,363,201	50,477,974
2004	51,453,245	51,656,364	51,457,419	52,014,130	
2005	54,553,204	54,795,330	55,440,297		
2006	56,787,878	56,218,059			
2007	60,312,723				

Combined (Indemnity + Medical)

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	43,703,088	45,066,781	45,635,786	45,608,228	45,967,609
1999	47,884,529	49,396,050	50,066,724	50,110,927	50,151,829
2000	46,668,311	48,540,215	49,018,898	49,470,129	49,446,043
2001	47,420,336	48,716,784	48,430,801	48,715,156	48,973,737
2002	46,267,086	47,069,485	47,212,207	47,387,419	47,568,185
2003	49,121,730	50,095,670	50,345,379	50,363,201	50,477,974
2004	51,453,245	51,656,364	51,457,419	52,014,130	
2005	54,553,204	54,795,330	55,440,297		
2006	56,787,878	56,218,059			
2007	60,312,723				

<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>
1998	-	-	-	-
1999	-	-	-	-
2000	-	-	-	-
2001	-	-	-	-
2002	-	-	-	-
2003	-	-	-	-
2004	-	-	-	
2005	-	-		
2006	-			
5-yr Avg	-	-	-	-

<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>
1998	1.031	1.013	0.999	1.008
1999	1.032	1.014	1.001	1.001
2000	1.040	1.010	1.009	1.000
2001	1.027	0.994	1.006	1.005
2002	1.017	1.003	1.004	1.004
2003	1.020	1.005	1.000	1.002
2004	1.004	0.996	1.011	
2005	1.004	1.012		
2006	0.990			
5-yr Avg	1.007	1.002	1.006	1.002

<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>
1998	1.031	1.013	0.999	1.008
1999	1.032	1.014	1.001	1.001
2000	1.040	1.010	1.009	1.000
2001	1.027	0.994	1.006	1.005
2002	1.017	1.003	1.004	1.004
2003	1.020	1.005	1.000	1.002
2004	1.004	0.996	1.011	
2005	1.004	1.012		
2006	0.990			
5-yr Avg	1.007	1.002	1.006	1.002

Injury Type: Total - All Injury Types**Indemnity**

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	249,818,249	330,531,225	380,153,274	414,713,090	432,175,292
1999	270,965,211	372,122,896	437,341,539	487,339,601	520,596,049
2000	270,480,325	369,985,863	455,030,701	512,519,911	545,351,931
2001	273,616,792	378,176,940	472,813,696	520,981,363	552,518,362
2002	271,116,264	389,048,374	468,775,928	506,454,018	526,661,192
2003	303,117,883	424,411,179	498,974,767	543,604,801	567,790,109
2004	307,735,198	430,567,544	509,450,825	552,284,686	
2005	321,474,456	458,744,490	536,314,392		
2006	325,229,592	455,988,258			
2007	342,216,471				

Medical

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	272,590,214	307,561,905	316,437,298	332,247,861	340,557,524
1999	293,455,286	326,440,077	348,261,656	359,817,891	369,653,063
2000	290,953,234	328,709,370	355,891,724	382,029,709	397,114,327
2001	340,941,374	381,739,329	394,748,687	401,442,664	402,627,755
2002	339,404,264	389,097,746	405,705,865	413,331,849	422,318,330
2003	366,024,585	401,823,300	420,112,314	435,848,614	442,710,309
2004	401,007,882	447,386,822	460,214,894	477,081,797	
2005	431,334,486	473,377,947	486,491,818		
2006	433,374,122	471,242,230			
2007	446,734,192				

Combined (Indemnity + Medical)

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	522,408,463	638,093,130	696,590,572	746,960,951	772,732,816
1999	564,420,497	698,562,973	785,603,195	847,157,492	890,249,112
2000	561,433,559	698,695,233	810,922,425	894,549,620	942,466,258
2001	614,558,166	759,916,269	867,562,383	922,424,027	955,146,117
2002	610,520,528	778,146,120	874,481,793	919,785,867	948,979,522
2003	669,142,468	826,234,479	919,087,081	979,453,415	1,010,500,418
2004	708,743,080	877,954,366	969,665,719	1,029,366,483	
2005	752,808,942	932,122,437	1,022,806,210		
2006	758,603,714	927,230,488			
2007	788,950,663				

<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>
1998	1.323	1.150	1.091	1.042
1999	1.373	1.175	1.114	1.068
2000	1.368	1.230	1.126	1.064
2001	1.382	1.250	1.102	1.061
2002	1.435	1.205	1.080	1.040
2003	1.400	1.176	1.089	1.044
2004	1.399	1.183	1.084	
2005	1.427	1.169		
2006	1.402			
5-yr Avg	1.413	1.197	1.096	1.055

<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>
1998	1.128	1.029	1.050	1.025
1999	1.112	1.067	1.033	1.027
2000	1.130	1.083	1.073	1.039
2001	1.120	1.034	1.017	1.003
2002	1.146	1.043	1.019	1.022
2003	1.098	1.046	1.037	1.016
2004	1.116	1.029	1.037	
2005	1.097	1.028		
2006	1.087			
5-yr Avg	1.109	1.036	1.037	1.021

<u>Policy Year</u>	<u>1st to 2nd</u>	<u>2nd to 3rd</u>	<u>3rd to 4th</u>	<u>4th to 5th</u>
1998	1.221	1.092	1.072	1.035
1999	1.238	1.125	1.078	1.051
2000	1.244	1.161	1.103	1.054
2001	1.237	1.142	1.063	1.035
2002	1.275	1.124	1.052	1.032
2003	1.235	1.112	1.066	1.032
2004	1.239	1.104	1.062	
2005	1.238	1.097		
2006	1.222			
5-yr Avg	1.242	1.116	1.069	1.041

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(e) The filer shall provide for each of the loss amounts in Sub-item (3)(d) of this Rule the corresponding incurred claim counts and for each of the policy years in Sub-item (3)(d) of this Rule the aggregate earned exposures. Where small claims are reported in bulk, the filer shall provide such information as accurately as possible, given the imprecision inherent in such aggregate data.

Response

See attached Exhibit 3(e).

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Aggregate Earned Exposures By Policy Year**

<u>Policy Year</u>	<u>Payroll</u>	<u>Std Earned Premium</u>
1998	63,610,552,753	1,111,059,883
1999	70,555,830,554	1,198,192,047
2000	73,147,587,602	1,269,425,011
2001	74,079,581,470	1,369,077,311
2002	73,838,690,643	1,459,753,835
2003	77,741,003,122	1,609,585,372
2004	80,302,626,628	1,720,531,574
2005	89,228,226,797	1,880,112,105
2006	94,936,052,676	2,110,822,288
2007	103,040,753,805	2,283,688,310

Incurred Claim Counts By Injury Type**Fatal**

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	91	89	89	91	92
1999	91	97	116	118	122
2000	70	81	86	92	95
2001	81	92	95	97	98
2002	67	72	78	80	80
2003	67	73	73	76	78
2004	69	73	76	79	
2005	68	75	79		
2006	67	71			
2007	63				

Permanent Total

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	32	77	114	143	160
1999	41	105	145	172	204
2000	56	90	127	162	191
2001	34	65	115	154	182
2002	40	69	126	185	206
2003	44	93	170	224	239
2004	49	114	196	243	
2005	58	151	206		
2006	71	108			
2007	62				

Permanent Partial

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	8,093	9,428	9,768	9,785	9,827
1999	8,173	9,341	9,675	9,861	9,919
2000	6,771	8,004	8,482	8,723	8,784
2001	6,138	7,444	8,044	8,195	8,215
2002	6,197	7,696	8,211	8,278	8,258
2003	6,745	8,576	8,970	8,978	8,987
2004	7,196	9,078	9,230	9,229	
2005	7,621	9,466	9,636		
2006	7,630	9,413			
2007	7,610				

Temporary Total

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	15,192	14,359	14,150	14,068	13,726
1999	16,373	15,583	15,542	15,412	15,344
2000	15,119	14,636	14,491	14,326	14,171
2001	14,477	13,688	13,317	13,006	12,924
2002	12,924	11,907	11,351	11,237	11,256
2003	13,180	11,603	11,235	11,204	11,206
2004	12,049	10,677	10,605	10,570	
2005	12,226	10,745	10,652		
2006	11,603	10,260			
2007	11,827				

Medical Only

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	99,871	103,040	103,870	104,403	104,700
1999	101,923	105,282	106,376	106,955	107,057
2000	92,250	95,013	96,177	96,612	96,852
2001	83,698	85,301	85,819	86,125	86,398
2002	76,094	77,265	77,523	77,660	77,694
2003	75,327	76,414	76,597	76,655	76,652
2004	70,168	71,189	71,378	71,423	
2005	72,783	73,706	73,810		
2006	70,346	71,180			
2007	70,534				

Total - All Injury Types

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
1998	123,279	126,993	127,991	128,490	128,505
1999	126,601	130,408	131,854	132,518	132,646
2000	114,266	117,824	119,363	119,915	120,093
2001	104,428	106,590	107,390	107,577	107,817
2002	95,322	97,009	97,289	97,440	97,494
2003	95,363	96,759	97,045	97,137	97,162
2004	89,531	91,131	91,485	91,544	
2005	92,756	94,143	94,383		
2006	89,717	91,032			
2007	90,096				

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(f) The filer shall provide for each of the policy periods in Sub-items (3)(b) and (3)(d) of this Rule the law amendment factors for adjusting past losses to current benefit levels.

Response

See attached Exhibit 3(f).

North Carolina

Amendment Factors Adjusting Losses to the January 1, 2011 Benefit Level

<u>Policy Period</u>	<u>Fatal</u>	<u>Permanent Total</u>	<u>Permanent Partial</u>	<u>Temporary Total</u>	<u>Indemnity</u>	<u>Medical</u>	<u>Overall</u>
1/07- 12/07	1.022	1.023	1.016	1.023	1.016	1.000	1.009
1/06- 12/06	1.031	1.032	1.023	1.032	1.023	1.000	1.013
1/05- 12/05	1.036	1.037	1.027	1.037	1.028	1.000	1.016
1/04- 12/04	1.039	1.040	1.029	1.040	1.030	1.000	1.017
1/03- 12/03	1.048	1.049	1.037	1.049	1.038	1.000	1.022
1/02- 12/02	1.057	1.058	1.046	1.058	1.047	1.000	1.027
1/01- 12/01	1.066	1.067	1.054	1.067	1.055	1.000	1.032
1/00- 12/00	1.075	1.076	1.063	1.076	1.064	1.000	1.037
1/99- 12/99	1.087	1.088	1.070	1.088	1.071	1.000	1.041
1/98-12/98	1.095	1.096	1.077	1.096	1.078	1.000	1.045

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(g) The filer shall include a description of the reasons for the difference between the policy year data provided in response to Sub-items (3)(b) and (3)(c) of this Rule and those provided in response to Sub-items (3)(d) and (3)(e) of this Rule.

Response

Listed below are several reasons for the difference between the policy year data from the financial calls provided in response to Items (3)(b) and (3)(c) and the Workers Compensation Statistical Plan (WCSP) data provided in response to Items (3)(d) and (3)(e).

Evaluation Dates:

All policies included in the financial data are evaluated as of December 31 of each year, regardless of the actual effective dates of the individual policies whose combined experience is being reported. Therefore, for a given year, the reported financial data is comprised of individual policy experience at differing maturity levels.

Each policy reported in the workers compensation statistical plan is at a date corresponding to its own expiration date—six months after expiration, 18 months, etc. This means that a policy effective on January 1 of a given year would first be evaluated at July 1 of the next year; and a policy effective on October 1 of that year would be first evaluated as of April 1 of the year following its expiration.

Matching companies:

The set of companies that may be missing for a given set of matching financial reports is not necessarily identical to individual matching units that may be missing. In each case, the maximum amount of data possible is retained for the calculation of development factors.

Validation and edit criteria:

The validation and edit criteria used on the financial calls is not necessarily identical to that used on the WCSP data. In each case, the validation and edit criteria used are designed to ensure the highest possible degree of data quality.

Pension reserve discounting:

These reserves are required to be discounted at 3.5% in the WCSP data but do not have to be discounted at this rate in the financial data.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 4(a) Trending factor development and application: The filer shall provide all information related to the derivation of all trend factors contained in the filing including the following:
- (i) A description of all data reviewed;
 - (ii) A complete description of the methodology used to derive these factors;
 - (iii) A description of alternative methodologies used in the last three years;
 - (iv) A description of the criteria used to select a methodology;
 - (v) Specific details on the application of these criteria in the selection of a methodology for this filing;
 - (vi) Details on the application of the methodology to this filing.

Response

- 4(a)
- (i) See Exhibits RB-1, RB-3, RB-5 and the response to 11 NCAC 10.1111(2).
 - (ii) See Exhibits RB-1, RB-3, RB-5 and the response to 11 NCAC 10.1111(2).
 - (iii) In the current filing, trends are displayed from the prior filing, based on countrywide indications, and based on an exponential curve fit to eight years of North Carolina data. The trend factors used in the filing were selected judgmentally based on a review of these trend indications and various other considerations. See also Exhibits RB-3 and RB-5. In the previous three filings, the trend factors used in the filings similarly were selected judgmentally based on a review of various trends and other considerations, though the trends displayed varied. See also the response to 11 NCAC 10.1111(2).
 - (iv) See Exhibits RB-1, RB-3, RB-5 and the response to 11 NCAC 10.1111(2).
 - (v) See Exhibits RB-1, RB-3, RB-5 and the response to 11 NCAC 10.1111(2).
 - (vi) See Exhibits RB-1, RB-3, RB-5 and the response to 11 NCAC 10.1111(2).

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

4(b) The filer shall calculate the following trend factors:

- (i) Indemnity and medical trend factors based on the latest eight available policy years and accident years of North Carolina paid and paid plus case data;
- (ii) Indemnity and medical trend factors based on the latest eight available policy years and accident years of multi-state paid and paid plus case data.

Response

- (i) See Exhibit RB-1, Appendix A-III of the filing for the policy year paid and paid plus case trend factors. Please note that due to the nature of the financial calls, accident year trend factors based on eight years of data are not available.
- (ii) See attached Exhibit 4(b), which contains the available trend factors based on multi-state data. The multi-state trend factors are computed as premium-weighted averages of the annual trend factors filed in the specified jurisdictions.

NATIONAL COUNCIL ON COMPENSATION INSURANCE, INC.
FILED ANNUAL LOSS RATIO TRENDS
BASED ON FILINGS MADE DURING THE 2009/2010 FILING SEASON

<u>State</u>	<u>Indemnity</u>	<u>Medical</u>
ALABAMA	0.945	0.990
ALASKA	0.960	1.005
ARIZONA	0.945	0.995
ARKANSAS	0.955	0.990
COLORADO	0.940	0.960
CONNECTICUT	0.965	1.005
DISTRICT OF COLUMBIA	0.975	1.000
FLORIDA	0.930	0.960
HAWAII	0.935	0.955
IDAHO	0.950	1.000
ILLINOIS	0.985	1.020
INDIANA	0.960	1.020
IOWA	0.995	1.010
KANSAS	0.955	1.000
KENTUCKY	0.950	0.990
LOUISIANA	0.940	0.970
MAINE	0.965	1.000
MARYLAND	0.970	0.995
MISSISSIPPI	0.935	0.990
MISSOURI	0.950	1.005
MONTANA	0.955	1.005
NEBRASKA	0.960	1.020
NEVADA	0.975	0.980
NEW HAMPSHIRE	0.965	1.020
NEW MEXICO	0.955	0.995
OKLAHOMA	1.000	0.980
OREGON	0.980	1.015
RHODE ISLAND	0.980	1.000
SOUTH CAROLINA	0.975	0.985
SOUTH DAKOTA	0.970	1.015
TENNESSEE	0.970	1.010
UTAH	0.955	0.995
VERMONT	0.965	1.000
VIRGINIA	0.952	1.005
WEST VIRGINIA	0.980	1.010
All States Average	0.960	0.996

Note(s):

(1) GA will not have an experience filing during the 2009/2010 season (financial data as of 12/31/2008).

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 5 Changes in premium base and exposures. The filer shall provide or estimate the following information on exposure trends:
- (a) The statewide average weekly wage for the latest five available calendar years;
 - (b) The statewide average weekly wage for the latest ten available policy years without the application of a payroll limitation;
 - (c) The statewide average weekly wage for the latest ten available policy years after the application of a payroll limitation; and
 - (d) The estimated statewide average weekly wage for the calendar and policy years during which the rates will be in effect.

Response

See attached Exhibit 5.

Since there have been no payroll limitations in North Carolina in the past ten years, the response to (b) and (c) will be the same.

The policy year data is calculated using a weighted average of the calendar year data.

NORTH CAROLINA

State Average Weekly Wages

Calendar Year

2005	688	
2006	717	
2007	743	
2008	758	
2009	787	
2010	802	*
2011	823	*
2012	846	*

Policy Year

1999	578	
2000	603	
2001	618	
2002	632	
2003	651	
2004	675	
2005	700	
2006	728	
2007	749	
2008	770	
2009	793	*
2010	811	*
2011	833	*

* Estimated.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 6 Limiting factor development and application. The filer shall provide information on the following items:
- (a) Limitations on losses included in the statistical data used in the filing;
 - (b) Limitations on the extent of the rate or loss costs level change;
 - (c) Limitations on the extent of classification rate or loss costs changes; and
 - (d) Any other limitations applied.

Response

- (a) See Exhibit RB-1, Appendix B-I.
- (b) See Exhibits RB-1, RB-3, and RB-5.
- (c) See Exhibit RB-1, Appendix B-III.
- (d) All premium and loss experience associated with the September 1991 fire at the Imperial Food Company in Hamlet, North Carolina was removed from the policy year 1991 financial and statistical plan data used in Exhibit RB-1.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

7 The percent rate or loss costs change:

(a) The filer shall provide the overall statewide rate or loss costs change, as well as the amount of the change attributable to each of the following: loss experience, a modification of the trend factor, law amendments, a change in the loss-based assessment provision, and any other factors.

(b) The filer shall provide the rate or loss costs changes for each industry group and for each classification.

Response

(a) The components of the proposed overall statewide changes are as follows:

Change in loss experience	1.006
Change in trend	1.000
Change in benefits	1.002
Change in loss-based expense provisions	<u>1.004</u>
Overall Statewide Loss Costs change	1.012
Change in the assigned risk loss cost multiplier	<u>1.042</u>
Overall Statewide Assigned Risk Rate change	1.055

(b) See RB-1, Exhibit I and RB-1, Appendix E.

11 NCAC 10.1111 - WORKERS COMPENSATION

Item

- 8 For assigned risk rate filings, the filer shall include support for a reasonable margin for underwriting profit and contingencies and investment income, including realized capital gains.

Response

This item is not applicable to the loss cost filing.

11 NCAC 10.1111 - WORKERS COMPENSATION

Item

- 9 For assigned risk rate filings, the filer shall provide investment earnings on capital and surplus. Given the selected underwriting profit and contingencies provision contained in the filing, the filer shall indicate the resulting rates of return (including consideration of investment income) on equity capital, on statutory surplus, and on total assets. The filer shall show the derivation of all factors used in producing these calculations and justify the fairness and reasonableness of these rates of return.

Response

This item is not applicable to the loss cost filing.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

10 As required by G.S. 58-36-15, the filer shall:

10(a) Provide information on the following aspects of workers compensation individual risk rating plans, including an explanation of their purpose and a detailed description of their derivation:

- (i) For experience rating plans, the table of expected loss rate and discount ratios and the table of weighting and ballast values.
- (ii) For retrospective rating plans, the table of insurance charges, multipliers (including the derivation of any assigned risk subsidy), and the table of excess loss factors.

Response

(i) See attached Exhibit 10(a)(i), RB-1, Exhibit III, and the response to Item 2, pages 5 and 6.

(ii) See attached Exhibit 10(a)(ii) and Exhibit III items RR1-RR2 of the Loss Cost Filing. For the complete table of insurance charges, please refer to the Retrospective Rating Plan Manual. In the Assigned Risk filing, the tax multiplier covers licenses, fees, assessments and taxes that the insurance carrier must pay on its collected premium. For voluntary business, each carrier calculates its own tax multiplier.

Expected Loss Rates and Discount Ratios

Expected Loss Rates

An expected loss rate (ELR) estimates the average expected loss level of a classification for the experience rating period. An ELR is a statewide rate that gets applied to payroll in hundreds to estimate the expected losses for a risk. These expected losses are compared with the actual losses of a risk during the experience rating period and used in the calculation of the experience modification (the "mod"). This North Carolina filing, proposed effective 4/1/2011, contains ELRs that will be used to estimate losses during the 4/1/2007 to 3/31/2010 time period for experience ratings to be issued between 4/1/2011 and 3/31/2012.

In the experience mod calculation, expected losses and actual losses must be at the same level to enable an "apples to apples" comparison. The actual losses reflect the statewide data during the experience rating period. Since the proposed loss costs are calculated to reflect the average loss levels of the proposed effective rating period, "unwinding" the proposed loss costs to the experience rating period can derive the ELR. This unwinding is accomplished through the application of ELR factors to the proposed underlying pure premiums. These ELR factors remove effects of development, benefit changes, trend, loss-based expenses, experience, assigned risk programs and any other factors that should not be reflected in the expected losses. The resulting total pure premium (after application of the ELR factors) is multiplied by the manual to earned ratio to derive the ELR for each classification.

Attached, immediately following the text of this memorandum, is an exhibit detailing the ELR factor calculation.

Average development, benefits, trend, and loss-based expenses:

The left half of the attached exhibit calculates the factors needed to remove the effects of development to ultimate, benefit changes, trend, etc. from the proposed underlying pure premiums. These factors are weighted with the latest three reports of statistical plan data to adjust the proposed underlying pure premiums by indemnity and medical.

Experience adjustment factor:

The proposed underlying pure premiums reflect the proposed experience change in the financial data time period. The ELRs need to reflect the experience change in the experience rating time period. The experience adjustment factor is the ratio of the experience change in the experience rating time period to the experience change in the financial data time period.

ELR composite factor:

The ELR composite factor removes offsets or assigned risk impacts from the proposed underlying pure premiums to bring them to a statewide level. For example, an offset for the change in assigned risk programs would be removed in this step.

Adjustment for Excess Provision and Undeveloped Loss Layer Between Ratemaking Limit and State Accident Limit:

These factors are applied to recognize the fact that limited losses are used in calculating the experience mod, but the underlying pure premiums reflect unlimited losses.

Discount Ratios

In experience rating, losses are divided into primary and excess portions. The discount ratio (d-ratio) represents the average ratio of expected "primary" losses to expected total losses for a classification. The function of the d-ratio is to determine what portion of the expected loss shall enter the experience mod calculation as the primary loss.

Under the Experience Rating Plan, a fixed amount of \$5,000 is considered to be the primary portion of any loss greater than \$5,000. For a loss less than or equal to \$5,000, the entire loss is considered primary.

D-ratio factors are calculated separately for indemnity and medical losses by hazard group and they represent the percentage of each type of loss that is considered primary. These ratios of primary to total losses are based on the latest three years of statistical plan data. A comparison of the resulting d-ratio factors across hazard groups is done to ensure that the factors monotonically decrease from hazard group A to hazard group G. If they do not, an adjustment is made by averaging the d-ratios over adjacent hazard groups.

The final d-ratio for each classification is calculated as follows:

$$\begin{aligned} \text{d-ratio} &= \{(\text{HG indemnity d-ratio factor}) \times (\text{indemnity pure premium}) + \\ &\quad (\text{HG medical d-ratio factor}) \times (\text{medical pure premium})\} / \\ &\quad \text{total pure premium} \end{aligned}$$

ELR FACTOR CALCULATION

ERA Experience Rating

Exp Rating 3rd rpt 04/01/07	WCSP 3rd rpt Losses	3:U Devel.*	Ultimate Losses	Amend. Factor	On-Level Losses	Trend Factor (10)*4	Trended Losses
Fatal Likely	1,514,682	1.341	2,031,189	1.021	2,073,844	0.941	1,951,487
Permanent Total	37,290,696	1.341	50,006,823	1.021	51,056,966	0.941	48,044,605
Permanent Partial Likely	204,086,884	1.341	273,680,511	1.015	277,785,719	0.941	261,396,362
Temporary Total Likely	16,327,110	1.341	21,894,655	1.021	22,354,443	0.941	21,035,531
Likely	259,219,372	1.341	347,613,178	1.016	353,270,972	0.941	332,427,985
Fatal Not Likely	10,471,508	1.116	11,686,203	1.021	11,931,613	0.941	11,227,648
Permanent Partial Not Likely	204,587,986	1.116	228,320,192	1.015	231,744,995	0.941	218,072,040
Temporary Total Not Likely	46,251,460	1.116	51,616,629	1.021	52,700,578	0.941	49,591,244
Not-Likely	261,310,954	1.116	291,623,024	1.016	296,377,186	0.941	278,890,932
Medical Likely	184,704,969	1.402	258,956,367	1.000	258,956,367	1.020	264,135,494
Medical Not Likely	252,944,246	1.063	268,879,733	1.000	268,879,733	1.020	274,257,328
Medical	437,649,215	1.206	527,836,100	1.000	527,836,100	1.020	538,392,822

Exp Rating 2nd rpt 04/01/08	WCSP 2nd rpt Losses	2:U Devel.	Ultimate Losses	Amend. Factor	On-Level Losses	Trend Factor (10)*3	Trended Losses
Fatal Likely	659,713	1.655	1,091,825	1.013	1,106,019	0.956	1,057,354
Permanent Total	15,317,336	1.655	25,350,191	1.013	25,679,743	0.956	24,549,834
Permanent Partial Likely	171,155,135	1.655	283,261,748	1.010	286,094,365	0.956	273,506,213
Temporary Total Likely	15,347,116	1.655	25,399,477	1.013	25,729,670	0.956	24,597,565
Likely	202,479,300	1.655	335,103,241	1.010	338,609,797	0.956	323,710,966
Fatal Not Likely	11,138,392	1.248	13,900,713	1.013	14,081,422	0.956	13,461,839
Permanent Partial Not Likely	184,601,427	1.248	230,382,581	1.010	232,686,407	0.956	222,448,205
Temporary Total Not Likely	46,430,165	1.248	57,944,846	1.013	58,698,129	0.956	56,115,411
Not Likely	242,169,984	1.248	302,228,140	1.011	305,465,958	0.956	292,025,455
Medical Likely	170,936,510	1.502	256,746,638	1.000	256,746,638	1.015	260,597,838
Medical Not Likely	257,055,352	1.072	275,563,337	1.000	275,563,337	1.015	279,696,787
Medical	427,991,862	1.244	532,309,975	1.000	532,309,975	1.015	540,294,625

Exp Rating 1st rpt 04/01/09	WCSP 1st rpt Losses	1:U Devel.	Ultimate Losses	Amend. Factor	On-Level Losses	Trend Factor (10)*2	Trended Losses
Fatal Likely	0	2.638	0	1.006	0	0.970	0
Permanent Total	7,232,550	2.638	19,079,467	1.006	19,193,944	0.970	18,618,126
Permanent Partial Likely	99,837,784	2.638	263,372,074	1.005	264,688,934	0.970	256,748,266
Temporary Total Likely	26,422,518	2.638	69,702,602	1.006	70,120,818	0.970	68,017,193
Likely	133,492,852	2.638	352,154,143	1.005	354,003,696	0.970	343,383,585
Fatal Not Likely	10,027,727	1.605	16,094,502	1.006	16,191,069	0.970	15,705,337
Permanent Partial Not Likely	130,903,926	1.605	210,100,801	1.005	211,151,305	0.970	204,816,766
Temporary Total Not Likely	60,376,083	1.605	96,903,613	1.006	97,485,035	0.970	94,560,484
Not Likely	201,307,736	1.605	323,098,916	1.005	324,827,409	0.970	315,082,587
Medical Likely	146,748,418	1.753	257,249,977	1.000	257,249,977	1.010	259,822,477
Medical Not Likely	270,714,935	1.105	299,140,003	1.000	299,140,003	1.010	302,131,403
Medical	417,463,353	1.333	556,389,980	1.000	556,389,980	1.010	561,953,880

Injury Type	Development	x Benefit	x Trend	x(LBP)	= Total	Reciprocal
Indemnity	1.501	1.011	0.956	1.165	1.690	0.592
Medical	1.260	1.000	1.015	1.165	1.490	0.671
Total	1.381	1.006	0.982	1.165	1.589	0.629

* Development factor limited at \$500,000.

NORTH CAROLINA

04/01/11

1st Report WCSP Start: Jan-07

1st Report WCSP End: Dec-07

	Indemnity	Medical				
1.) Reciprocal Weighted Averages	0.592	0.671				
ERA Medical Adjustment Factor		0.900				
Final Weighted Averages	0.592	0.604				
		Overall				
2.) (a) Trended WCSP Experience Change		1.182				
(1) WCSP Experience Change		1.196				
(2) WCSP Trend		0.988				
(3) Adjustment to Target Off-Balance(Mult.)		1.000				
(b) Financial Data Experience Change		1.005				
(c) Experience Adj. Factor (a)/(b)		1.176				
3.) ELR Composite Factor (1)x(2)		1.000				
(1) Change in MPM		1.0000				
(2) Other Adjustments (Mult.)		1.000				
	Indemnity	Medical				
4.) Avg. RERP/GERT ELR Factor	0.696	0.789				
Avg. ERA ELR Factor	0.696	0.710				
[(1)x(2c)/(3)]						
Undeveloped Loss Layer Between Ratemaking Limit and SAL						
HG A	HG B	HG C	HG D	HG E	HG F	HG G
0.842	0.799	0.765	0.734	0.689	0.621	0.537
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
ent Factors						
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
0.586	0.556	0.532	0.511	0.480	0.432	0.374
0.598	0.567	0.543	0.521	0.489	0.441	0.381
1.165						
00000						
00000						
00000						
0.985						
1.005						

The Table of Insurance Charges

What is the Table of Insurance Charges?

This table is the source of the "insurance charges and savings" used in the retrospective rating plans. On a voluntary basis, the policyholder is hoping to reap the benefit of good experience at the risk of bearing the costs of possible bad experience within the limits of the plan.

A retrospective rating plan responds to policyholder's loss experience by adjusting the final premium on the basis of this experience, subject to certain restrictions agreed upon in the policy at issuance. One important restriction is the limitation of the final premium to a maximum amount. When the policyholder chooses a maximum premium, the insurance company will then use an industrywide average cost for the expected dollars above this maximum.

This type of limitation makes it possible for a policyholder to purchase a retrospectively rated policy, even if the policyholder cannot afford to pay for extremely adverse experience. The Table of Insurance Charges tabulates these average costs, which are developed from actual industry experience.

Many retrospectively rated plans also have a minimum premium set above the costs of servicing the policy. In this case, there will be an average credit in the premium of the insured because some policyholders will have losses below the minimum, resulting in a net savings to the insurer. This savings is distributed equitably to all plan participants. In addition to being the source of the insurance charges, the Table is also the source of the insurance savings.

On the average, it is expected that losses paid by the policyholder plus the insurance charge paid to the insurance company will sum to total expected losses. This is called a balanced plan. In reality, this will not always work perfectly because insurance charges are based on past experience. Because of this, the Table of Expected Loss Ranges is updated regularly to bring the rating process closer to the ideal balance.

Why do we need insurance charges?

Essentially, this question has to be answered in two steps:

- a) There is a need for retrospectively rated policies in the insurance marketplace.
- b) Although the policyholder may wish to pay his/her own losses within limits, he/she may not have the financial reserves to retain unlimited loss potential.

The first point is discussed in many places in the standard insurance literature. Some policyholders simply would like to pay for their own costs to the greatest extent possible without relying on industry rates. Others have a more specific reason—such as a belief that their safety program will produce superior results.

Few corporate entities are strong enough to retain unlimited exposure to loss. Even large insurance companies buy reinsurance to further spread the risk. An insurance charge to limit the loss ratio in a retrospectively rated policy is analogous to a reinsurance premium.

How is the Table of Insurance Charges structured?

To use the Table, one must know the Expected Loss Group assignment of a policyholder and the entry ratio for the subject retrospective rating plan.

Because of the law of large numbers, the variance in results tends to decrease with increasing premium size. Since insurance charges measure the amount of loss above certain loss ratios, it follows that for any fixed maximum loss ratio, decreasing variance leads to decreasing insurance charges for larger policyholders. The Table is therefore indexed by Expected Loss Size Ranges determined by expected losses (expected loss ratio times standard premium).

The Table of Insurance Charges also needs an index determined by the loss ratio at which one wishes to measure the insurance charge. If one used the actual loss ratio as the index, the Table would be valid for only one expected loss ratio. To eliminate the need to create a Table of Insurance Charges for each expected loss ratio, the entry ratio (the particular loss ratio divided by the expected loss ratio), is used.

North Carolina

Calculation of State and Federal Tax Multipliers Effective April 1, 2011

	Assigned Risk
A. Proposed overall state loss assessments	1.0000
B. Proposed state premium taxes and assessments	
1. Premium Tax	0.0265
2. Miscellaneous Tax	<u>0.0030</u>
	0.0295
C. Proposed residual market subsidy (Item R-1244)	n/a
D. Total of taxes and residual market subsidy = (B)+(C)	0.0295
E. Proposed target cost ratio (excludes subsidy)	0.628
F. Loss adjustment expense provision	1.165
G. State permissible loss ratio = [(E) / ((A)+(F)-1.000)]	0.539
H. State tax multiplier = $[0.2+(A) \times (G)] / [0.2+(G)] \times [1 / (1-(D))]$ ^	1.030
I. Proposed overall federal assessment	1.079
J. State weight +	0.114
K. Federal weight +	0.886
L. Weighted federal assessment = ((A)x(J)) + ((I)x(K))	1.070
M. Federal permissible loss ratio = [(E) / ((F)+(L)-1.000)]	0.509
N. Federal tax multiplier = $[0.2+(L) \times (M)] / [0.2+(M)] \times [1 / (1-(D))]$ ^	1.083

^ Where 0.2 is the average expense provision for retrospectively rated risks and all figures are expressed in decimal notation
+ From F-class summary data.

Excess Loss Factors

At the onset of a policy, the insurer and the insured may agree that the final premium paid by the insured can be a function of not only the payroll, but also of the actual losses during the coverage period. An arrangement of this sort is formalized in the Retrospective Rating Plan as approved in most states. Ultimate premium is based on actual losses, expenses and a net insurance charge to compensate for the application of maximum and minimum aggregate amounts.

For most insureds, the maximum premium can be a burdensome amount, but an amount they are reasonably confident they will not have to pay. However, there remains a fear that a single disastrous accident may cause enough loss by itself to result in the maximum premium being charged. Because of this, the insured may select a "loss limit" or cap on individual losses that enter the retrospective premium formula.

Charges for excess coverage can be calculated using excess loss factors (ELFs). These vary by the state and hazard group assignment of the insured as well as the selected loss limit. The excess coverage is on a per occurrence basis. Therefore, the portion of the loss in excess of the loss limit due to a single occurrence (possibly multiple-claim) is excluded from the calculation of the retrospective premium.

The ELF for a given loss limit can be applied to standard premium to generate the pure loss charge for the coverage. The tax multiplier is applied to the final retrospective premium to compensate for taxes, loss assessments and other miscellaneous items.

The distribution of losses in excess of the selected loss limit (i.e., the excess ratios) is central to the ELF calculation. These distributions vary by hazard group, injury type, and by the state's applicable benefit structure. In particular, North Carolina's benefits are considered "limited" due the existence of a specified duration of time for which benefits are payable.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 10(b) Describe all payments made to all consultants (including lawyers, actuaries, and economists) related to this filing and the previous one on workers' compensation insurance. If payment cannot be specifically identified as related to particular filings, the filer shall estimate them.

Response

September 1, 2009 Loss Cost & Residual Market Rate Filings

National Council on Compensation Insurance, Inc.: NCCI has advised the Rate Bureau that, of the total amount billed its affiliates for actuarial support during 2009, approximately \$312,576 has been designated for work specifically related to the 2009 workers compensation insurance loss cost and residual market rate filings.

Young Moore and Henderson P.A.: The firm has billed the Rate Bureau approximately \$41,963 for fees in connection with the 2009 workers compensation insurance loss cost and residual market rate filings.

Financial Strategy Associates: The firm has billed the Rate Bureau approximately \$8,075 for services rendered in connection with the 2009 workers compensation insurance residual market rate filing.

Milliman, Inc.: The firm has billed the Rate Bureau approximately \$95,528 for services rendered in connection with the 2009 workers compensation insurance residual market rate filing.

September 1, 2010 Loss Cost & Residual Market Rate Filings

National Council on Compensation Insurance, Inc.: NCCI has advised the Rate Bureau that, of the total amount billed its affiliates for actuarial support during 2010, approximately \$286,667 has been designated for work specifically related to the 2010 workers compensation insurance loss cost and residual market rate filings.

Young Moore and Henderson P.A.: The firm has billed the Rate Bureau approximately \$7,653 for fees in connection with the 2010 workers compensation insurance loss cost and residual market rate filings.

Financial Strategy Associates: The firm has not yet billed the Rate Bureau for services rendered in connection with the 2010 workers compensation insurance residual market rate filing.

Milliman, Inc.: The firm has billed the Rate Bureau approximately \$22,646 for services rendered in connection with the 2010 workers compensation insurance residual market rate filing.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 10(c) Identify and describe all changes in methodologies from the previous North Carolina workers compensation rate filing. If any collected or reported data required by this rule are provided within 30 days after the initial submittal of a filing, that data shall be made a part of the filing, provided the initial submittal acknowledges that it is incomplete and identifies specifically what further data are to be submitted within the time permitted. No filing otherwise complete shall be deemed to be proper until such time that all data required by this Rule have been submitted.

Response

None.

PRE-FILED TESTIMONY
OF
RAYMOND F. EVANS

NORTH CAROLINA WORKERS COMPENSATION INSURANCE
2010 LOSS COSTS FILING
BY THE NORTH CAROLINA RATE BUREAU

Q. Would you state your full name and business address?

A. Raymond F. Evans, Jr. CPCU, 5401 Six Forks Road, Raleigh, North Carolina.

Q. Are you employed by the North Carolina Rate Bureau ("Bureau")?

A. Yes.

Q. In what capacity?

A. I am the General Manager.

Q. How long have you been employed by the Bureau?

A. Since September 2000.

Q. Would you summarize your educational background?

A. I graduated from Ohio State University with a Bachelor of Science Degree in Accounting. I also have the designation of Chartered Property Casualty Underwriter.

Q. What was your work experience after graduation and prior to your employment by the Bureau?

A. From March 1966 to July 2000, I was employed by the State Auto Insurance Companies, Columbus, Ohio in various capacities, including the position of Executive Vice President of a subsidiary.

Q. Can you identify Exhibits RB-1 through RB-5 and the 11 NCAC 10.1111 Responses?

A. Yes. Exhibit RB-1 is a reference filing containing advisory prospective loss costs, the data and calculations underlying those loss costs, and the 11 NCAC 10.1111 Responses. Exhibits RB-2 through RB-5 contain the required accompanying prefiled testimony and exhibits. Together, these materials constitute a filing (the "Filing") that is dated September 1, 2010 submitted by the Bureau to the Honorable Wayne Goodwin, Commissioner of Insurance, with respect to workers compensation insurance loss costs in North Carolina.

Q. Does the Bureau have actuaries on its staff?

A. Yes, the Bureau has an actuary on its staff. However, the Bureau continues to obtain actuarial expertise for preparation of the Filing from the Workers Compensation Committee, the National

Council on Compensation Insurance, Inc. and from Milliman, Inc.

Q. Does the Filing submitted to the Commissioner include, to the extent available, the information to be furnished in connection with filings under Article 36 of Chapter 58 of the General Statutes?

A. Yes. Those data that were available have been submitted to the Commissioner as part of the Filing. As shown and explained in that submission, some data were not collected or, if collected, were not retrievable from the statistical data in the form requested. The individual circumstances with respect to such data are explained in the submission.

Q Does that conclude your prefiled testimony?

A. Yes.

PREFILED TESTIMONY
OF
JAY A. ROSEN

2010 NORTH CAROLINA WORKERS COMPENSATION
LOSS COST AND ASSIGNED RISK RATE FILINGS

Q. *Please state your name, title, employer, and position you hold.*

A. My name is Jay Rosen, and I am a Director and Actuary for the National Council on Compensation Insurance, Inc. ("NCCI") in Boca Raton, Florida. My current responsibilities include oversight of the actuarial function, including the preparation of rate filings and presentation of actuarial testimony, for six jurisdictions in NCCI's Eastern Region (including North Carolina).

Q. *Would you outline your academic and professional training?*

A. I have a Bachelor of Science degree and a Master of Science degree, both in Mathematics, from the University of Florida, in Gainesville, Florida. I am a Fellow of the Casualty Actuarial Society and a Member of the American Academy of Actuaries and am in good standing with both of those organizations.

Q. *How long have you been employed by NCCI?*

A. I have been employed by NCCI since June of 1992.

Q. *Would you briefly describe the principal functions of NCCI?*

A. NCCI is the major data collector of workers compensation statistics, and is recognized as the expert organization in workers compensation data collection, ratemaking, and research. NCCI's principal functions are to collect and process statistical data, inspect and administer a detailed classification system and develop prices for workers compensation insurance that are not excessive, inadequate or unfairly discriminatory. It prepares manual loss costs, manual rates, rating plans and policy forms

for use by its members and subscribers and files same with various supervisory authorities on their behalf.

Q. *Who belongs to NCCI?*

A. NCCI is an organization of some 600 members and subscribers who are insurance companies and self-insured funds writing workers compensation insurance. These loss cost and rate filings are based on the data submitted to NCCI and the North Carolina Rate Bureau (NCRB) by insurance companies writing workers compensation business in North Carolina.

Q. *Are you familiar with the filings for revised workers compensation loss costs and assigned risk rates by the North Carolina Rate Bureau (the "Filings") of which this testimony is a part?*

A. Yes, I am.

Q *Did you supervise the production of the Filings?*

A. Yes, I did. NCCI has contracted with the North Carolina Rate Bureau as its actuarial services vendor in connection with these Filings.

Q *What is the purpose and scope of your testimony?*

A. I will provide testimony on the key actuarial issues and components in the Filings. Specifically, my testimony will discuss the (i) development of the overall average loss cost level indication, (ii) assigned risk differential analysis, and (iii) various expense components contained in the voluntary loss costs and assigned risk rates.

Q. *Could you briefly describe the purpose of the Filings that have been submitted to the North Carolina Department of Insurance?*

A. Sure. One of the Filings proposes revised loss costs and rating values for the voluntary market. The other Filing proposes revised rates and rating values for the Workers Compensation Insurance Plan, which is the assigned risk market.

Q. *What is the voluntary market and what is the assigned risk market?*

- A. Those insurers electing to provide employers workers compensation coverage in North Carolina's competitive marketplace—incorporating their own underwriting guidelines and expense needs—constitute the “voluntary market.”

An employer unable to secure workers compensation insurance in the voluntary market obtains coverage through the Workers Compensation Insurance Plan—also referred to as the assigned risk market. This market of last resort provides a method for those employers not written voluntarily to obtain coverage.

- Q. *For the voluntary market, you mentioned a revision to the current loss costs has been filed. What is the difference between a loss cost and a rate?*

- A. The term loss cost is used because, in general, it represents only that portion of the full rate that provides for loss and loss adjustment expenses. Loss costs are also referred to as "pure premiums" and both of these terms are used throughout the Filings. The North Carolina loss costs are not final rates because they do not include provisions for any of the remaining expenses (including production expenses, profit, contingencies, etc.) of an insurer.

In the North Carolina voluntary market, each carrier is responsible for considering their individual expense needs, developing a loss cost multiplier (LCM), and determining their final rates. The carrier-specific LCM is the expense loading (providing for all carrier expenses other than loss adjustment expense) an insurer applies to a set of loss costs to build its final rates. In this process, a carrier may elect to base their final rates on the loss costs in the Loss Cost filing.

- Q. *If this loss cost revision were approved as filed, would all employers insured in the voluntary market receive a loss cost increase equal to the overall average proposed change?*

- A. No. The proposed loss cost indication represents the overall average change for the voluntary market. The actual percentage loss cost change

may vary between individual classification codes—both above and below this average.

The proposed overall average change is equitably distributed to the various industry groupings and then to the more than 600 individual classification codes during the ratemaking process. The final premium charged a particular employer not only depends on the specific class codes in which the employer conducts business, but also on the individual insurer issuing the policy. Since in the voluntary market each insurer is responsible for determining its final rates, after reviewing their own expense needs, underwriting guidelines, etc., the final premium charged to any particular employer may vary among insurers.

Q. *Please give us an overview of the process used to develop the Filings.*

A. The latest available premium and loss data is collected by NCCI and NCRB from insurance companies and verified. Using this data, the expected revenue need and costs associated with writing workers compensation insurance in North Carolina during the period April 1, 2011 through March 31, 2012 are determined. In this process, expenses are analyzed and provisions for these components are included. A comparison of this expected revenue need to the expected future costs determines the extent to which the currently approved overall loss cost and rate levels should change.

Q. *Do the Filings include data for all companies writing workers compensation business in North Carolina?*

A. No. There are several reasons that would prevent a carrier's data from being included in a filing, including (i) data that was not reported prior to the filing and (ii) quality issues that exist with the reported data. While it would clearly be preferable to include all carriers' data in the filing, it is critical that the data be of the highest quality possible. Carriers with a premium market share greater than 0.1% and whose data is not contained in the Filings' experience period are listed in Appendix A-IV.

NCCI has the following processes in place to provide all carriers the incentive to submit aggregate data in a timely and accurate manner:

(i) Aggregate Data Quality Incentive Program (ADQIP): In response to carriers reporting late and/or inaccurate data, they are subject to financial assessments levied by NCCI.

(ii) Financial Data Escalation Process: During the data collection and validation process, data issues are discussed with insurance carrier personnel at progressively increasing levels of authority until the issues are resolved.

The data goes through a series of three validation procedures implemented by NCCI: (i) arithmetic checks, (ii) reasonableness checks, and (iii) a reconciliation report.

The first check, the arithmetic check, is used to make sure that the data submitted to NCCI in the various rows and columns of the aggregate financial data reports sum to the correct totals as stated by the carriers in those submissions.

The second check, the reasonableness check, is used to make sure that all unusual fluctuations in a carrier's data are explained. For example, a company reporting \$100,000 in premium in 2008 and then \$10 million in 2009 would be questioned about the large change in premium amounts.

The third test is a reconciliation. The North Carolina data submitted to NCCI is reconciled with the NAIC Annual Statement data submitted by companies to the North Carolina Department of Insurance.

Q. *Are the data used in the Filings reasonable and reliable for determining voluntary loss costs and assigned risk rates in North Carolina?*

A. Yes, in my opinion, the data as collected and validated provides an actuarially appropriate, reasonable, and credible dataset on which to base the Loss Cost and Assigned Risk rate filings.

Q. *What overall average change does the Loss Cost filing propose?*

A. The Loss Cost filing seeks an overall average increase of 1.2% from the current loss cost level for the industrial classifications.

Q. *What overall average rate level change does the Assigned Risk filing propose?*

A. The Assigned Risk rate filing seeks an overall average rate level increase of 5.5% for the industrial classifications.

Q. *What is the proposed effective date for the Filings?*

A. The Loss Cost and Assigned Risk rate filings are both proposed to apply to new and renewal policies becoming effective on or after April 1, 2011. The actual use of the loss costs is subject to individual company actions to adopt the filed loss costs.

Q. *Would you please briefly describe the method used in the Filings to determine the overall average changes?*

A. Yes. In very general terms, the overall changes are determined by taking the latest available financial data experience and adjusting it to reflect conditions that are expected to exist during the period April 1, 2011 through March 31, 2012. The result indicates the adequacy of the current loss costs for policies to be written during that period. This process requires the application of actuarial judgment and projections simply because ratemaking is prospective in nature and future outcomes are unknown.

As presented in Exhibit I of the Filings, the process begins with two blocks of historical North Carolina aggregate financial data. The first block reflects the experience from all policies with effective dates during 2008 and is commonly referred to as "policy year 2008" data. The second block of data reflects the experience from all policies with effective dates during 2007 and is referred to as "policy year 2007" data. This data consists of earned premiums and losses during these periods reported to NCCI by those companies writing workers compensation insurance in North Carolina. "Losses" is simply another name for the benefits carriers provide to or on behalf of injured workers. They can be in the form of medical services or indemnity (lost wage) payments. While three years of

data were reviewed in connection with this year's actuarial analysis, data for policy years 2008 and 2007 serve as the selected experience period in the Filings.

Loss cost level indications were determined based on an average of (i) paid losses and (ii) paid losses plus case reserves for each of policy years 2008 (Exhibit I, Section A) and 2007 (Exhibit I, Section B). An average of the separate policy year 2008 and 2007 loss cost level indications (Exhibit I, Section C) serves as the basis for the Rate Bureau's filed overall average voluntary pure premium level change.

In calculating the overall pure premium level change, the premium from these two policy years is the first focus. The premiums that have been collected must be "developed" to reflect future payroll audits (line 1 of Exhibit I, Sections A and B). Since the final premium totals for the recent policy years will not be known until all payroll audits have been completed, the application of premium development factors provides a projection of the amount by which the currently reported premium totals will change when the final results are known.

Additionally, the premiums are brought to the current pure premium level and the portion that covers expenses is removed (line 2). These adjustments are necessary because we are trying to determine how much premium will be available for benefits, and the historical premium data still reflects old rates and includes the portion covering expenses. Since the current loss costs are being analyzed and updated, the reported historical premium is adjusted to this current pure premium level. Once the historical premium has been adjusted to what it would be if it had been earned under the latest approved loss costs, one may opine on the adequacy of the current set of loss costs in terms of providing for future losses.

Q. *Would you now describe the adjustments to the policy year indemnity and medical losses?*

A. Yes. The losses from these two blocks of data are reviewed. Indemnity and medical losses are analyzed separately. Initially, losses are limited to

mitigate the impact of individual large workers compensation claims. Medical reserves for example can extend into the multi-million dollar range on extremely severe cases. At this stage, limiting such claims is appropriate in determining future premiums.

Next, the limited losses must be developed to their ultimate level (lines 4 and 16). This is especially necessary for workers compensation insurance because it takes many years before some losses are finally paid. For example, depending on the nature and seriousness of a work-related injury, indemnity payments may extend many years into the future. Further, since even the conditions giving rise to some of these losses may take many years to manifest themselves, many years may pass before some claims are even known to the insurer—let alone settled. Asbestosis claims are an example of this type of loss.

Next, since we are trying to estimate future losses and the data reflects historical benefit levels, the reported losses are adjusted to reflect the impact of any subsequent changes in the level of workers compensation benefits. This is accomplished in two steps (lines 5, 14, 17, and 26). The losses are then increased by 16.5% so that the final loss costs will include a provision for loss adjustment expense (lines 6 and 18).

The resulting loss figures are compared to the total estimated premium that would be available to fund these losses (lines 9 and 21). Next, the indemnity and medical cost ratios data must be trended to account for inflationary pressures between the time period of the historical data and the period when the loss costs will be in effect (lines 10 and 22). Trend adjusts the historical data to account for the differential impact of inflation on losses and premiums. If losses were changing at the same rate as payrolls, trend would not be needed since the change in losses would be exactly matched by a corresponding change in payrolls and, therefore, premiums. On the other hand, if losses have been changing at a different rate than payroll, trend is necessary if historical data is to be used as a predictor of future losses.

The trend factors selected by the Rate Bureau and applied in these filings are -1.5% per year for indemnity losses and +0.5% per year for medical losses.

The final step is to adjust the developed limited cost ratios to an unlimited basis. This is accomplished in lines 12 and 24. The employed methodology involves replacing the amount of actual reported individual claim losses in excess of a North Carolina-specific dollar threshold with an excess loss provision. The excess provision represents the expected volume of losses in excess of the threshold. This procedure serves to smooth out the impact of large losses.

Q. *What are the final steps in determining the overall average voluntary loss cost level change?*

A. Indicated loss cost level changes for each of policy years 2008 and 2007 are calculated by summing the respective indemnity and medical cost ratios (line 28). These individual-year changes are then averaged—resulting in the Rate Bureau’s proposed +1.2% overall average voluntary pure premium level change (Exhibit I, Section C).

Q. *What loss development methodologies were analyzed and utilized in connection with the Filings?*

A. The financial data were analyzed in order to select the most actuarially sound loss development projection methodology to be used in determining experience indications. This analysis involves identifying changes in the level of reserve adequacy and trends in development that could skew the results of one or more of the loss development projection methods. In addition, the base to which the loss development factors will be applied is analyzed in conjunction with the factors themselves.

The loss development projection methods examined in this year’s analysis were based on (i) paid losses and (ii) paid losses plus case reserves. Results based on an average of these two loss development methodologies were chosen as being most appropriate for this year’s Filings.

Q. *After identifying the most appropriate loss development methodology, what is the next step in the process to compute the actual loss development factors?*

A. After identifying the most appropriate loss development methodology, the next step in the process is to compute the actual loss development factors. In calculating these factors, prior years' losses are examined to determine how they evolve from the time they are first reported to the time they are finally settled.

For inclusion in this filing, (i) final paid loss development factors were derived based on an average of the two most recent historical factors at each loss age interval and (ii) final paid plus case loss development factors were derived based on an average of the five most recent historical factors at each loss age interval. Consistent with prior years' Filings, statewide incurred including IBNR loss development (tail) factors were used to develop losses from a nineteenth report to an ultimate basis. The tail factors used in the Filings are based on an average of the most recent five historical factors at a nineteenth report.

Q. *Please explain the tail factor methodology included in the Filings.*

A. In workers compensation, payments and loss reserve changes persist for extended periods of time. The ultimate losses of a policy year are determined by multiplying the current reported losses by the expected loss development factor. This expected loss development factor is calculated as the product of individual link ratios. However, due to data constraints, it is not possible to calculate all of the required individual link ratios. Therefore, it is necessary to aggregate all loss development that occurs after a nineteenth report into a single (tail) factor. Tail factors are calculated separately for indemnity and medical losses by comparing the changes in the volume of accident year total incurred losses after a nineteenth report to the volume of accident year total incurred losses as of a nineteenth report, along with the application of a growth adjustment factor. As the policy year loss data we wish to develop to an ultimate basis is at a slightly different maturity level than the accident year data on which the tail factors are based, an adjustment is necessary. The

adjustment is incorporated by raising the policy year eighteenth-to-nineteenth link ratio to the two-thirds power.

Q. *Will you please describe how the final indemnity and medical annual trend factors were determined for the Filings?*

A. Yes. The final trend factors were judgmentally selected after reviewing the results of several different trend estimates, including (i) a North Carolina frequency/severity trend analysis and (ii) indicated countrywide annual trend factors.

A North Carolina-specific frequency/severity analysis was performed to separately examine changes in the frequency of workers compensation claims being filed and changes in their average cost per case.

Combined countrywide trends were also included in the analysis as a verification to provide assurance as to the reasonableness of the selected North Carolina trend factors. It is beneficial and prudent to review national trends given the fact that North Carolina's workers compensation marketplace is influenced by issues that extend beyond its border.

Q. *For inclusion in these Filings, did the NCRB select the highest possible trend factors that result from the various actuarially accepted approaches?*

A. No. In fact, the final trend factors selected may be overly optimistic—that is, higher trend factors would also have been actuarially appropriate in view of the results of the various trending methodologies shown in the filing's Appendix A-III. All else equal, utilizing higher trend factors would result in a higher indicated loss cost level change than that filed.

Q. *Please explain how the loss adjustment expense provision was determined.*

A. Both historical North Carolina-specific and countrywide loss adjustment expense information was reviewed as part of this year's rate filing analysis (See Exhibit II-A, Sheet 1). Based on that information, the NCRB judgmentally selected a 16.5% loss adjustment expense provision for use in the Filings.

Q. *Did you review the process used to allocate the overall average loss cost level change to the five industry groups and to the individual classification codes?*

A. Yes.

Q. *Do the Filings contain a description of the manner in which the overall change is distributed to the individual classifications?*

A. Yes. Part II, Appendices B-I through B-V of the Loss Cost filing provide extensive descriptions and documentation of the methods that are used to distribute the overall change among the various classifications.

Q. *How was the overall average change for the Assigned Risk filing determined?*

A. The assigned risk filing begins with the loss costs resulting from the analyses just described. Then two additional analyses were performed. The first of these compares the assigned risk market experience to the statewide market experience. This analysis supported the proposed change to the current assigned risk loss cost differential. The second analysis involves the assigned risk expense need. Both of these analyses are documented in Exhibit II of the Assigned Risk filing.

The results of these two analyses are incorporated in the formula Loss Cost Multiplier (Exhibit I-A, Sheet 1 of the Assigned Risk filing). Combining the indicated change in the pure premium level and the proposed change in the Loss Cost Multiplier results in the final Assigned Risk rate level change of +5.5% (Exhibit I, Section D of the Assigned Risk filing).

Q. *Please explain the purpose and concept of the assigned risk differential.*

A. The primary purpose of the differential is to ensure equity between the assigned risk and voluntary markets. In order to help ensure a self-funded assigned risk market—one that does not require subsidization by participants in the voluntary market—the adequacy of the assigned risk differential is reviewed.

In North Carolina, as is usually the case, the combined experience for those employers in the assigned risk market is worse than the combined experience for those in the voluntary market. Therefore, during the assigned risk ratemaking process, the assigned risk differential is applied to recognize this disparity.

Q. *Please explain how this year's proposed change in the assigned risk differential was determined.*

A. As documented in Exhibit II-E of the assigned risk filing, five years of indicated loss cost differentials based on each of (i) paid and (ii) paid plus case data were reviewed. The selected change to the current loss cost differential is based on an average of the changes indicated by both the paid and paid plus case experience (Exhibit II-E, Sheet 1, line (e)).

Q. *Please briefly describe the provisions for the various assigned risk expense components contained in the Assigned Risk filing.*

A. The underlying detail and supporting calculations in connection with the various expense provisions contained in this year's proposed assigned risk rates are fully documented in Exhibit II of the assigned risk filing.

As a summary, a brief description of each expense component is as follows:

- (i) Commission and brokerage – The 5.0% provision is the commission payable on assigned risk business, as required by the Workers Compensation Insurance Plan.
- (ii) Loss adjustment expense (LAE) – The selection of this component was discussed earlier in connection with the proposed voluntary loss cost level change.
- (iii) Other acquisition and general expense and LAE for servicing carriers – This represents a weighted-average expense provision between the assigned risk (i) servicing carriers and (ii) direct assignment writers.

- (iv) Underwriting profit and contingencies – The underwriting profit analysis was conducted by Dr. Vander Weide and Dr. Appel. After consideration, the Workers Compensation Committee decided not to include a contingencies provision in this year's assigned risk rate filing.
- (v) Taxes, licenses, and fees – This includes a 2.65% provision for the premium tax, including the regulatory surcharge (equal to 6.0% of the premium tax), and 0.3% for miscellaneous tax.
- (vi) Effect of expense constant and minimum premiums – It is expected that the \$250 expense constant, a minimum premium multiplier of 200, and a maximum minimum premium of \$1,000 will generate 16.4% of premium in the assigned risk market (Exhibit II-D, Sheet 1).

Q. *Are there any additional changes in miscellaneous rating values contained in the Filings?*

A. Yes. The pages summarizing the Filings by component identify additional changes, as does the miscellaneous values section of Exhibit III. The Table of Weighting Values and the Table of Ballast Values in Exhibit III were also updated.

Q. *Please describe what is meant by the term "F-classifications."*

A. The "F" or "Federal" classifications are those operations conducted on or about navigable waters for which benefit levels and related costs are determined by the United States Longshore and Harbor Workers' Compensation Act, rather than individual state laws. Typical F-classifications include those covering ship builders and stevedores.

Q. *What changes are proposed for the Federal classifications ("F-classes")?*

A. Based on the latest available North Carolina F-class experience (contained in Appendix B-V of the Loss Cost filing), the loss cost filing proposes an overall average change of +5.9% from the current loss cost level. The assigned risk filing proposes an overall average rate level change of +10.3% from the current assigned risk rate level.

Q. *What is your opinion as to whether the proposed loss cost changes for the voluntary market will result in loss costs that are not excessive, inadequate, or unfairly discriminatory?*

A. Based on my analysis, I believe the methodologies employed, the provisions used, and the resulting filed loss cost changes are actuarially sound and reasonable for the time period during which they are proposed to be in effect and will result in loss costs that are not excessive, inadequate, or unfairly discriminatory.

Q. *What is your opinion as to whether the proposed rate changes for the assigned risk market will result in rates that are not excessive, inadequate, or unfairly discriminatory?*

A. Based on my analysis and assuming the profit produced by the proposed rates is reasonable, I believe the methodologies employed, the provisions used, and the resulting filed assigned risk rate changes are actuarially sound and reasonable for the time period during which they are proposed to be in effect and will result in assigned risk market rates that are not excessive, inadequate, or unfairly discriminatory.

Q. *Does this conclude your testimony?*

A. Yes, it does.

NATIONAL COUNCIL ON COMPENSATION INSURANCE
2010 ANNUAL LOSS ADJUSTMENT EXPENSE REVIEW -- Evaluated as of 12/31/2009

LOSS ADJUSTMENT EXPENSE SUMMARY
Analysis Based on Private Carrier Data

	(1)	(2)	(3)=(1)+(2)	(4)	(5)	(6)=(4)+(5)	(7)=(3)-(6)
	Call # 19	Call # 19		Calendar Year	Calendar Year	Calendar Year	
	DCCE Ratio	AOE Ratio	Call # 19	Incurred	Incurred	Incurred	
	(Avg. of Paid and	(Avg. of Paid and	LAE	DCCE Ratio	AOE Ratio	LAE Ratio	
<u>Year</u>	<u>Incurred Indications)</u>	<u>Incurred Indications)</u> ¹	<u>Ratio</u>	<u>From IEE</u> ²	<u>IEE</u> ^{1,2}	<u>IEE</u> ²	<u>Difference</u>
2000	9.71%	6.27%	15.98%	8.18%	6.82%	15.00%	0.98%
2001	10.06%	6.50%	16.56%	7.30%	6.38%	13.68%	2.88%
2002	10.54%	6.65%	17.19%	8.35%	5.88%	14.23%	2.96%
2003	10.64%	7.53%	18.17%	9.91%	5.63%	15.54%	2.63%
2004	10.66%	7.10%	17.76%	10.24%	6.37%	16.61%	1.15%
2005	10.82%	7.87%	18.69%	10.40%	7.15%	17.55%	1.14%
2006	10.83%	8.12%	18.95%	12.55%	7.16%	19.71%	-0.76%
2007	11.46%	8.07%	19.53%	10.06%	7.25%	17.31%	2.22%
2008	11.92%	7.54%	19.46%	11.87%	7.12%	18.99%	0.47%
2009	13.13%	8.14%	21.27%	11.29%	7.34%	18.63%	2.64%

Notes

Loss adjustment expense indications are displayed as a percentage to loss.

¹ Adjusted for impact of large deductibles.

² The IEE data is direct of reinsurance, excludes state funds and is from the NCCI Compiled IEE Validated Summary.

NATIONAL COUNCIL ON COMPENSATION INSURANCE

Exhibit RB-4, Page 2

2010 ANNUAL LOSS ADJUSTMENT EXPENSE REVIEW -- Evaluated as of 12/31/2009

Analysis Based on Private Carrier Data

DCCE—PAID ANALYSIS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(1)x(5)	(8)=(2)x(6)	(9)=(8)/(7)
	Paid	Paid	Incremental	Incremental	Cumulative	Cumulative			
	Losses Excluding	DCCE Excluding	Paid Loss	Paid DCCE	Paid Loss	Paid DCCE	Estimated	Estimated	Estimated
	Large Deductibles	Large Deductibles	Development	Development	Development	Development	Ultimate	Ultimate	Ultimate
AY	<u>@12/31/2009</u>	<u>@12/31/2009</u>	<u>Factors</u>	<u>Factors</u>	<u>Factors</u>	<u>Factors</u>	<u>Losses</u>	<u>DCCE</u>	<u>Ratio</u>
2000	15,485,138,029	1,486,510,969	n/a	n/a	1.182	1.176	18,303,433,150	1,748,136,900	9.55%
2001	15,094,351,646	1,495,176,607	1.018	1.019	1.203	1.198	18,158,505,030	1,791,221,575	9.86%
2002	13,656,619,749	1,410,322,596	1.021	1.024	1.228	1.227	16,770,329,052	1,730,465,825	10.32%
2003	12,570,073,489	1,300,252,685	1.026	1.031	1.260	1.265	15,838,292,596	1,644,819,647	10.39%
2004	11,641,849,916	1,172,361,536	1.035	1.042	1.304	1.318	15,180,972,290	1,545,172,504	10.18%
2005	11,317,843,743	1,153,436,007	1.049	1.061	1.368	1.398	15,482,810,240	1,612,503,538	10.41%
2006	11,466,805,868	1,141,761,775	1.077	1.098	1.473	1.535	16,890,605,044	1,752,604,325	10.38%
2007	10,913,178,173	1,101,763,446	1.136	1.179	1.673	1.810	18,257,747,083	1,994,191,837	10.92%
2008	8,887,216,139	879,589,455	1.294	1.389	2.165	2.514	19,240,822,941	2,211,287,890	11.49%
2009	3,838,024,953	358,466,214	2.148	2.634	4.650	6.622	17,846,816,031	2,373,763,269	13.30%

NATIONAL COUNCIL ON COMPENSATION INSURANCE

Exhibit RB-4, Page 3

2010 ANNUAL LOSS ADJUSTMENT EXPENSE REVIEW -- Evaluated as of 12/31/2009

Analysis Based on Private Carrier Data

DCCE—INCURRED ANALYSIS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(1)x(5)	(8)=(2)x(6)	(9)=(8)/(7)
	Incurred	Incurred	Incremental	Incremental	Cumulative	Cumulative			
	Losses Excluding	DCCE Excluding	Incurred Loss	Incurred DCCE	Inc. Loss	Inc. DCCE			
	Large Deductibles	Large Deductibles	Development	Development	Development	Development	Estimated	Estimated	Estimated
<u>AY</u>	<u>@12/31/2009</u>	<u>@12/31/2009</u>	<u>Factors</u>	<u>Factors</u>	<u>Factors</u>	<u>Factors</u>	<u>Ultimate</u>	<u>Ultimate</u>	<u>Ultimate</u>
							<u>Losses</u>	<u>DCCE</u>	<u>DCCE</u>
									<u>Ratio</u>
2000	17,759,027,368	1,671,025,003	n/a	n/a	1.052	1.103	18,682,496,791	1,843,140,578	9.87%
2001	17,837,817,754	1,731,052,004	1.003	1.011	1.055	1.115	18,818,897,730	1,930,122,984	10.26%
2002	16,305,277,817	1,641,472,411	1.008	1.018	1.063	1.135	17,332,510,319	1,863,071,186	10.75%
2003	15,515,858,022	1,565,865,359	1.006	1.016	1.069	1.153	16,586,452,226	1,805,442,759	10.89%
2004	14,879,789,891	1,516,690,461	1.007	1.020	1.076	1.176	16,010,653,923	1,783,627,982	11.14%
2005	15,277,252,878	1,552,740,269	1.006	1.017	1.082	1.196	16,529,987,614	1,857,077,362	11.23%
2006	17,211,420,437	1,720,192,656	0.994	1.015	1.076	1.214	18,519,488,390	2,088,313,884	11.28%
2007	18,411,771,029	1,913,867,155	0.983	1.005	1.058	1.220	19,479,653,749	2,334,917,929	11.99%
2008	19,061,445,396	2,014,830,083	0.968	0.980	1.024	1.196	19,518,920,086	2,409,736,779	12.35%
2009	17,760,732,269	1,899,789,156	0.956	0.991	0.979	1.185	17,387,756,891	2,251,250,150	12.95%

NATIONAL COUNCIL ON COMPENSATION INSURANCE

Exhibit RB-4, Page 4

2010 ANNUAL LOSS ADJUSTMENT EXPENSE REVIEW -- Evaluated as of 12/31/2009

Analysis Based on Private Carrier Data

AOE—PAID ANALYSIS

AY	(1) Paid Losses Including Large Deductibles <u>@12/31/2009</u>	(2) Paid AOE Including Large Deductibles <u>@12/31/2009</u>	(3) Incremental Paid Loss Development <u>Factors</u>	(4) Incremental Paid AOE Development <u>Factors</u>	(5) Cumulative Paid Loss Development <u>Factors</u>	(6) Cumulative Paid AOE Development <u>Factors</u>	(7)=(1)x(5) Estimated Ultimate Losses	(8)=(2)x(6) Estimated Ultimate AOE	(9)=(8)/(7) Estimated Ultimate AOE Ratio*
2000	16,735,241,427	1,648,108,502	n/a	n/a	1.213	1.083	20,299,847,851	1,784,901,508	6.33% (1)
2001	16,435,914,338	1,712,485,280	1.020	1.014	1.237	1.098	20,331,226,036	1,880,308,837	6.63% (2)
2002	14,596,292,218	1,648,921,104	1.025	1.018	1.268	1.118	18,508,098,532	1,843,493,794	6.78% (3)
2003	13,260,556,127	1,729,428,892	1.031	1.023	1.307	1.144	17,331,546,858	1,978,466,652	7.76% (4)
2004	12,103,362,916	1,546,924,037	1.042	1.028	1.362	1.176	16,484,780,292	1,819,182,668	7.32% (5)
2005	11,698,856,630	1,630,678,835	1.055	1.034	1.437	1.216	16,811,256,977	1,982,905,463	8.13% (6)
2006	11,801,937,877	1,750,160,237	1.082	1.048	1.555	1.274	18,352,013,399	2,229,704,142	8.42% (7)
2007	11,178,464,516	1,651,177,267	1.137	1.073	1.768	1.367	19,763,525,264	2,257,159,324	8.25% (8)
2008	9,091,213,906	1,376,374,961	1.298	1.144	2.295	1.564	20,864,335,914	2,152,650,439	7.45% (9)
2009	3,914,012,745	912,234,076	2.138	1.454	4.907	2.274	19,206,060,540	2,074,420,289	7.89% (10)

* Adjusted for Impact of Large Deductibles

- (1) (Col.8/Col.7 + .008) x .66
- (2) (Col.8/Col.7 + .008) x .66
- (3) (Col.8/Col.7 + .008) x .63
- (4) (Col.8/Col.7 + .007) x .64
- (5) (Col.8/Col.7 + .004) x .64
- (6) (Col.8/Col.7 + .007) x .65
- (7) (Col.8/Col.7 + .008) x .65
- (8) (Col.8/Col.7 + .009) x .67
- (9) (Col.8/Col.7 + .008) x .67
- (10) (Col.8/Col.7 + .008) x .68

2010 ANNUAL LOSS ADJUSTMENT EXPENSE REVIEW -- Evaluated as of 12/31/2009

Analysis Based on Private Carrier Only Data

AOE—INCURRED ANALYSIS

AY	(1) Incurred Losses Including Large Deductibles @12/31/2009	(2) Incurred AOE Including Large Deductibles @12/31/2009	(3) Incremental Incurred Loss Development Factors	(4) Incremental Incurred AOE Development Factors	(5) Cumulative Incurred Loss Development Factors	(6) Cumulative Incurred AOE Development Factors	(7)=(1)x(5) Estimated Ultimate Losses	(8)=(2)x(6) Estimated Ultimate AOE	(9)=(8)/(7) Estimated Ultimate AOE Ratio*
2000	19,869,107,190	1,737,752,090	n/a	n/a	1.062	1.043	21,100,991,836	1,812,475,430	6.20% (1)
2001	20,468,711,563	1,836,438,665	1.006	1.008	1.068	1.051	21,860,583,949	1,930,097,037	6.36% (2)
2002	18,346,232,749	1,770,486,486	1.010	1.014	1.079	1.066	19,795,585,136	1,887,338,594	6.51% (3)
2003	17,329,403,298	1,868,881,760	1.012	1.016	1.092	1.083	18,923,708,401	2,023,998,946	7.30% (4)
2004	16,497,534,647	1,713,351,931	1.011	1.016	1.104	1.100	18,213,278,250	1,884,687,124	6.88% (5)
2005	17,024,299,766	1,859,008,803	1.008	1.020	1.113	1.122	18,948,045,640	2,085,807,877	7.61% (6)
2006	18,966,910,656	2,069,317,704	1.000	1.021	1.113	1.146	21,110,171,560	2,371,438,089	7.82% (7)
2007	20,289,304,854	2,075,218,965	0.993	1.024	1.105	1.174	22,419,681,864	2,436,307,065	7.89% (8)
2008	20,892,857,406	2,014,416,083	0.975	1.007	1.077	1.182	22,501,607,426	2,381,039,810	7.62% (9)
2009	19,535,866,686	2,048,949,900	0.959	0.962	1.033	1.137	20,180,550,287	2,329,656,036	8.39% (10)

* Adjusted for Impact of Large Deductibles

(1) (Col.8/Col.7 + .008) x .66

(2) (Col.8/Col.7 + .008) x .66

(3) (Col.8/Col.7 + .008) x .63

(4) (Col.8/Col.7 + .007) x .64

(5) (Col.8/Col.7 + .004) x .64

(6) (Col.8/Col.7 + .007) x .65

(7) (Col.8/Col.7 + .008) x .65

(8) (Col.8/Col.7 + .009) x .67

(9) (Col.8/Col.7 + .008) x .67

(10) (Col.8/Col.7 + .008) x .68

PRE-FILED TESTIMONY

OF

MARK MULVANEY

2010 NORTH CAROLINA WORKERS COMPENSATION

LOSS COST FILING

Q. Please state your name and business address.

A. My name is Mark Mulvaney, my business address is Milliman, Inc. 1099 18th Street, Suite 3100, Denver Colorado, 80202.

Q. Are you an actuary?

A. Yes, I am a Fellow of the Casualty Actuarial Society and a Member of the American Academy of Actuaries and am a member in good standing of both organizations.

Q. Please describe your educational and professional background.

A. I graduated with a bachelor's of science degree in Mathematics from Georgetown University in 1978. I spent the first 10 years of my career with the National Council on Compensation Insurance. My experience there included the management of the legislative evaluation unit, a division of the National Council responsible for the review and estimation of the cost impact of workers compensation legislation countrywide, management of the "F" classification ratemaking unit, and as regional actuary.

I joined Milliman over 20 years ago, and have remained focused on workers compensation issues, but have broadened my client base to include casualty actuarial consulting services to insurance companies, reinsurers, rating bureaus, insurance regulators, state funds, self-insurance groups and pools, and to individual public and private self-insured employers. Activities include ratemaking, reserving, company formation, merger and acquisition valuation, financial analysis and company modeling, software development, expert testimony, research, and special project work.

Q. What is Milliman?

A. Milliman is among the world's largest independent actuarial and consulting firms. Founded in Seattle in 1947 as Milliman & Robertson, the company currently has 52 offices in key locations worldwide. Milliman employs more than 2,400 people, with a professional staff of more than 1,100 qualified consultants and actuaries, including specialists ranging from clinicians to economists. The firm has consulting practices in healthcare, employee benefits, property and casualty insurance, life insurance, and financial services. Milliman serves the full spectrum of business, financial, government, union, education, and nonprofit organizations.

Q. Were you engaged to provide actuarial services to the North Carolina Rate Bureau (the "Rate Bureau") in connection with its 2010 workers compensation insurance loss cost filing (the "Filing")?

A. Yes I was.

Q. What was the scope of that engagement?

A. For this year's filing, the Rate Bureau engaged NCCI to provide the preliminary analysis of the data, including preliminary analysis of loss development and trends. Milliman's role was to conduct an independent review and to work with NCCI in order to present suitable alternatives to the Rate Bureau. The scope includes assisting the Rate Bureau in explaining the filing to regulators, and providing expert testimony concerning the filing.

Q. Did you or your firm physically prepare the filing documents for the Rate Bureau?

A. No, NCCI prepared the filing based on the directions of the Rate Bureau; our role was one of input and review.

Q. Is your firm being compensated for this engagement?

A. Yes.

Q. Is that compensation in any way contingent on the provision of favorable testimony in support of the filing?

A. No it is not.

Q. Have you completed your review of the filing?

A. Yes I have.

Q. Were there any constraints placed on your review, such as limited or delayed access to data or limited time that may have impeded your complete review?

A. No, we were provided all the information that was necessary and had adequate time for a complete review. Our review was not limited in any way.

Q. Explain the difference between a Loss Cost Filing and a Rate Filing.

A. By definition, insurance rates (along with the associated rating plans) are to include provisions for all costs associated with the transfer of risk. These costs include losses, expenses, taxes, and profit and contingencies. Since 1995 in North Carolina, the voluntary market workers compensation filings by the Rate Bureau have included provisions for losses, loss adjustment expenses, and loss-based assessments only. As a consequence, they are called "loss cost" filings, and they specifically exclude provision for production expenses, general expenses, dividends, taxes licenses and fees (since 1999), and profit and contingencies.

Individual insurance companies will analyze their own books of business along with the approved loss costs, and then make filings with the Insurance Department for loadings that represent an anticipated difference in loss costs (if any), along with their production and general expense, taxes licenses and fees, and profit and contingency provisions.

Q. Can you briefly explain the overall theory underpinning the filed loss cost change?

A. Yes, the fundamental principle is that historical North Carolina loss cost experience will be predictive of the level of loss costs that will emerge in the future.

Q. What is the overall change in Loss Costs the Rate Bureau is seeking in this filing?

A. The Rate Bureau is seeking a 1.2% increase in the overall level of loss costs.

Q. Do you know what the overall change in premium will be?

A. No, the overall change in premium will depend upon the actions of individual companies to adopt the loss costs, as well as the loadings for production and general expenses, taxes licenses and fees, and profit that are included in their individual rate filings with the Insurance Department.

Q. Is the change in Loss Costs the same for each class code?

A. No, although the overall change is an increase of 1.2%, different class codes will change by different amounts. By industry group the changes are as follows:

Manufacturing 2.2% increase
Contracting 0.1% decrease
Office and Clerical 4.0% decrease
Goods and Services 3.4% increase
Miscellaneous 2.0% increase

Q. What is the proposed effective date of the filed loss costs?

A. April 1, 2011.

Q. When did the current loss costs take effect in North Carolina?

A. The current loss costs became effective April 1, 2010.

Q. For what period of time are the projections made?

A. The filed loss costs are anticipated to go into effect on April 1, 2011. Because it is anticipated that loss cost filings are made annually, these loss costs are expected to remain in effect until April 1, 2012. Therefore, loss costs are projected for policies to become effective from April 1, 2011 through March 31, 2012. However, because covered claims can occur on any day a policy is in force, and since most policies are written for annual periods, the first covered claim could occur no earlier than April 1, 2011 and the last covered claim could occur no later than March 30, 2013. Thus, the loss costs must be projected to be sufficient for occurrences over this two year period. To simplify the analysis, the Rate Bureau projects losses to the average occurrence date during this period.

Q. Can you provide more detail on exactly what historical experience is used and how the projection is made?

A. Fundamentally, the proposed overall change in loss costs is based on Policy Year 2007 and Policy Year 2008 data, valued as of December 31, 2009.

Q. What is a policy year?

A. A policy year describes a way of grouping insurance loss and exposure data so that both may be examined simultaneously. Policy year 2008, for example, consists of the experience of policies (both

losses and exposures) with effective dates on any day during 2008.

Q. It's now August 2010, policy year 2008 sounds fairly old at this point. Would it be better to include more recent data?

A. No, it is not necessarily better to use more recent data. Let me explain. Recall that a policy year contains the experience of policies incepting during the policy year. The last policy that could be written in policy year 2008 was written on December 31, 2008 with normal expiration approximately one year later, on December 30, 2009. The valuation date of the data is December 31, 2009. After allowing time for insurance companies to estimate loss reserves and report data, and for the Rate Bureau to assemble and prepare the filing, it is reasonable that policy year 2008 is the most recent policy year that could feasibly be included.

Q. What about Policy Year 2009?

A. As of December 31, 2009, policy year 2009 is incomplete. Most policies written in 2009 will continue in force during 2010. Roughly speaking, only one half of policy year 2009 written premium would be earned as of year-end 2009, and only one half of the claims that will eventually occur will have occurred by year-end 2009. The Rate Bureau does collect this data, even in its incomplete form. However in my view the losses and exposures are just too immature to be used reliably for ratemaking.

Q. OK, tell me more about the projection process.

A. It's easiest to start with the overall change, and then work backwards exposing more layers of complexity as we go. Most insurance professionals are familiar with the term "loss ratio." A loss ratio is simply losses divided by premium. In North Carolina, the loss costs are required to include provision for losses, loss adjustment expenses, and loss-based assessments, but to exclude provision for other insurance company expenses and profit and contingencies. By convention, we often call a premium excluding expenses and profit as a "pure premium." For convenience, we'll define the term "loss and LAE pure premium ratio" as a numerator that includes losses, loss adjustment expenses, and loss-based assessments divided by a denominator that includes a provision in the premium for the same three elements. In essence, the numerator is the actual cost for losses, loss-based assessments, and loss adjustment expense that insurance companies will ultimately pay, and the denominator is the amount insurance companies will ultimately charge to policyholders for those same elements.

If we knew the loss and LAE pure premium ratio that would result during the period of prospective loss cost use if the current loss costs were charged to policyholders, then we would know by how much to change the current loss costs. Suppose, for example, the numerator was 10% bigger than the denominator (i.e., the ratio is 1.10). The solution would be to increase the denominator by 10%

to make them equal. Similarly, if the numerator was 10% smaller than the denominator (i.e., a ratio of .90), then the solution would be to shrink the denominator by 10%. We can increase and shrink the denominator simply by changing the current loss costs by the desired percentage.

In reality, however, we do not know the loss and LAE pure premium ratio that will result during the period of prospective use if the current loss costs were charged. Quite simply, the overall change calculation is all about obtaining a reasonable projection for that value.

Q. How did the Rate Bureau go about projecting the loss and LAE pure premium ratio?

A. The Rate Bureau gave equal weight to two different ratios, i.e., ratios derived from policy year 2007 and policy year 2008 experience.

Q. What companies' data are included in policy year 2007 and policy year 2008 experience?

A. All companies are required to submit data to either the Rate Bureau or the NCCI. The data are aggregated at NCCI and NCCI reviews and validates the data in order to assemble an accurate database upon which to base the filing. However, some companies may not report, or their data cannot be validated and reconciled, in which case their data are excluded. Appendix A-IV of the filing shows that one carrier representing 0.5% of the market was excluded in policy year 2008. No other carriers representing more than 0.1% of the market were excluded.

Q. Why is the experience of both the voluntary market and the assigned risk market used to derive voluntary market loss costs?

A. This is to ensure that the voluntary market loss costs are sufficient for insurance companies to be able to write an average employer in the state, including those that may be currently in the assigned risk plan.

Q. How did the Rate Bureau project policy year 2007 and policy year 2008 loss and loss adjustment expense pure premium ratios?

A. There are seven major steps.

1. Pure premiums are developed to an ultimate basis.
2. Pure premiums are adjusted to the current loss cost level.
3. Limited losses are developed to an ultimate basis.
4. Limited losses are adjusted to an unlimited basis.
5. Losses are adjusted to the proposed benefit level.
6. Loss adjustment expenses are included.
7. The loss and loss adjustment pure premium ratio is trended to the midpoint of loss cost use.

Q. In your opinion, is each of these seven steps necessary and actuarially appropriate?

A. Yes they are.

Q. Why do pure premiums need to be developed to an ultimate basis?

A. Workers compensation policies are typically priced by calculating the premiums (and by extension pure premiums) on the basis of estimated exposures (usually payroll). After policy expiration, these exposures are audited and trued-up. Historically, this process has usually resulted in an increase in revenue. Pure premium development is used to estimate the amount that pure premiums for a given policy year will change in the future as a result of these adjustments. Appendix A-II of the filing contains the calculation of the pure premium development factors.

Q. In your opinion, are the pure premium development factors reasonable?

A. Yes they are.

Q. Why do pure premiums need to be adjusted to the current loss cost level?

A. I mentioned a little earlier that a key component of the filing is to project the loss and loss adjustment expense pure premium ratio that would result during the period of rate use if the current loss costs are charged. The reported data include pure premiums at the "designated statistical reporting level," or the pure premium level based on the loss costs in effect at the effective date of each policy within the policy year for voluntary market risks, and the premium level based on the rates in effect for assigned risks. These pure premiums and premiums need to be adjusted from the values as reported to the values that would result if the current (4/1/2010) loss costs were applied to each policy. Appendix A-I of the filing contains the pure premium on-level factors.

Q. In your opinion, is the adjustment the Rate Bureau used to adjust historical pure premiums and premiums to current loss cost level reasonable?

A. Yes it is.

Q. What is loss development and why is it necessary?

- A. Workers compensation claims are typically paid on a periodic basis in the form of indemnity benefits to injured workers and medical benefits to their medical providers. While most claims are not serious and can be resolved in the first year or so, some injuries are quite serious and workers compensation benefits will be paid for many years, perhaps for the injured worker's lifetime. Policy years 2007 and 2008 will therefore include many claims which have not been resolved as of December 31, 2009, and consequently the full cost of those claims is unknown.

Loss development is a technique for projecting the full cost of a group of claims based on what is known about the claims to date, and based on a review of the values of older claims at similar maturities.

As an example, consider projecting loss development based on paid losses. For a given policy year, the cumulative amounts paid for indemnity and medical benefits will increase over time as the policy year becomes older (more mature) until all claims are closed and final. The growth of the cumulative paid losses of older policy years from maturity to maturity (age to age) is measured and used to project the expected growth of the given policy year as the given policy year matures. Growth will slow and eventually cease as all claims become final, and at this point, all claims are at their ultimate values.

For paid losses to a 19th report, the Rate Bureau used the unweighted average of the two most recently available age-to-age factors as the basis for the projection of the development factors. Once selected, these age-to-age factors are successively multiplied to represent the cumulative growth from the age of the given policy year (2007 or 2008) to a 19th report. At the 19th report, the accident year ratio of paid loss plus outstanding reserves to paid loss is selected based on an average of the five most recently available accident years that have a 19th report valuation. The policy year cumulative loss development to a 19th report is first adjusted to be consistent with an accident year 19th report valuation, then multiplied by this ratio to produce a value consistent with accident year incurred losses. Additionally, an accident year 19th to ultimate incurred loss development factor is applied to obtain losses at ultimate.

In addition to using paid losses, the Rate Bureau also projects development on a case-incurred basis. Case-incurred losses are defined as losses paid to date, plus case reserves. Case reserves are estimates made by insurance adjusters for the future cost of a claim, considering the facts known to the adjuster at the time the estimate is made. As with paid losses, these values tend to grow as a cohort of claims matures, losses are paid, claims are closed, and the remaining case reserves are revalued.

The Rate Bureau used the unweighted average of the five most recently available age-to-age factors up to a 19th report. Five years were used consistent with the methodology used over the past

several years.

In a manner consistent with the paid loss development, policy year cumulative development to a 19th report is adjusted to be consistent with an accident year 19th report. The average of the most recent five accident year ratio of paid plus outstanding reserve to paid plus case reserve is then applied. Additionally, an accident year 19th to ultimate incurred loss development factor is applied.

Because indemnity and medical losses typically develop at different rates, loss development factors are calculated separately for these components.

Q. Is this the same loss development methodology used in the prior filing?

A. Yes it is.

Q. Have you reviewed the loss development factors as calculated by the Rate Bureau?

A. Yes, I have.

Q. What are your conclusions?

A. I found the development factors and the development methods selected by the Rate Bureau to be reasonable.

Q. Why are "limited losses" used and what is the limit?

A. Some workers compensation losses can be very large, and consequently can have a destabilizing effect on the losses for a policy year or on the loss development factors. Consequently, the losses for policy years 2007 and 2008 have been limited by a large loss limit, as have all policy years entering the development factor calculations. Since the losses excess of the loss limit have been excluded, a factor must be applied in the analysis to "add back" those excluded costs. The current filing uses a factor of 1.005 (one-half of one percent) to include losses excess of the limit. This factor is based on the fitted severity distributions used for the Excess Loss Pure Premium Factors in the Retrospective Rating Plan.

As might be expected, the loss limit will increase over time as inflation drives loss costs upward. For example, the loss limit for the midpoint of loss cost use (March 12, 2012) is approximately \$19.3 million. However, this limit is detrended to obtain the individual loss limit in each historical policy year. Appendix A-II of the filing shows the factor to include losses excess of the limit and the limits used in each year.

Additionally, the Rate Bureau will identify certain large multi-claim occurrences as catastrophes and assign them a catastrophe number to be excluded entirely from the experience used to derive the loss cost change. There were no such catastrophes identified for either policy years 2007 or 2008.

Q. In your opinion, is the loss limitation procedure used by the Rate Bureau reasonable?

A. Yes, it is.

Q. Why are losses adjusted to proposed benefit level?

A. The losses that occurred during policy year 2007 and policy year 2008 are paid benefits based on the law that was in effect on the date of occurrence. The benefits that will ultimately be paid for the occurrences during the expected effective period will be based on the level of benefits during that time period. By convention, the Rate Bureau estimates changes in benefits in two stages. The first adjustment is from the average benefit level based on the claims in each policy year up to the benefit level of the previous loss cost filing including the impact of the change in maximum weekly benefits effective January 1, 2010. This adjustment is calculated in Appendix A-I of the filing. The second adjustment is for impact of the change in the maximum weekly benefits effective January 1, 2011. This change is summarized in Appendix C-I of the filing.

Q. In your opinion, are the benefit level factors calculated and applied by the Rate Bureau reasonable?

A. Yes they are.

Q. How are loss adjustment expenses included in the filed loss costs?

A. Loss adjustment expenses are included by multiplying estimated loss costs by a factor which represents the ratio of loss adjustment expenses to losses. The Rate Bureau uses three sources of information for the ratio of loss adjustment expenses to losses. The first is a countrywide ratio based on calendar year data filed with the Insurance Expense Exhibit, a supplement to insurance companies' statutory financial statements. The second is a countrywide accident year ratio of loss adjustment expenses to accident year losses, developed to ultimate, and separated between Defense and Cost Containment Expenses (DCCE) and Adjusting and Other Expenses (AOE), based on a special call for accident year loss adjustment expenses. The countrywide accident year ratio of DCCE to loss is adjusted to North Carolina level by multiplying by a ratio, the numerator of which is the North Carolina ratio of calendar year paid DCCE to calendar year paid loss, and the denominator of which is the countrywide ratio of calendar year paid DCCE to calendar year paid loss. The accident year ultimate DCCE ratios so adjusted are added to the countrywide AOE ratios to produce an estimate of the North Carolina ratio of total LAE to total loss. Additionally, the third source is the

North Carolina calendar year ratios of total LAE to total loss from insurance company statutory statements page 14.

Q. What factor did the Rate Bureau select to incorporate loss adjustment expenses?

A. The Rate Bureau selected 1.165, an increase from the 1.160 factor that was used in the 2009 loss cost filing.

Q. In your opinion, is the loss adjustment expense factor reasonable?

A. Yes it is.

Q. What is trend?

A. In the filing, trend refers to the relative movement of a loss to pure premium ratio over time, after adjustments have been made for premium and loss development and premium and loss on-level factors. If the loss to pure premium ratios drift upwards over time, this is a positive trend; if they drift downwards over time, it is a negative trend. Trend is needed because the data for policy years 2007 and 2008, even after adjustment for development and on-leveling, represents the ultimate level of costs during policy year 2007 and 2008 respectively. However, the loss costs are proposed to be applied to policies effective from 4/1/2011 through 3/31/2012. Trend adjusts for the drift in the level of loss costs that is expected to occur between the date of the experience and the date of the loss cost use.

Q. How did the Rate Bureau select trend factors?

A. The Rate Bureau considered the trend factors in its current loss costs, the trend indications in other states, along with the trends indicated by North Carolina data for frequency, severity, and pure premiums. When looking at the severity and pure premium trends, the Rate Bureau considered the indications based on both paid loss development methods and case-incurred loss development methods.

Q. How specifically are the indicated trends calculated?

A. The Rate Bureau reviewed policy year data from 1994 through 2008, but focused chiefly on the most recent years. For the pure premium trend a time series is constructed from the policy year pure premium ratios. The pure premiums that form the denominator of the pure premium ratio are developed to ultimate and adjusted to the 4/1/2010 loss cost level. Indemnity and medical losses are analyzed separately and are developed to ultimate and adjusted to the benefit level included in the most recent filing. The ratios of the adjusted losses to the adjusted pure premiums for each policy year form the time series that is examined for drift. A linear regression is fit through the

natural logarithms of the adjusted ratios via the method of least squares, and the coefficient corresponding to the slope is transformed back to the original scale to obtain the annual trend rate.

The process is similar for the frequency trend, however in addition to development and adjustment to the 4/1/2010 loss cost level, the pure premiums that form the denominator are also adjusted to the policy year 2008 wage level. This is because the pure premiums in each historical policy year will reflect the actual workers' wages in each year (because the workers compensation exposure base is payroll). By adjusting each year to a constant wage, the pure premiums will be proportional to the hours worked. The number of claims per hour worked is a better measure of the true incidence of claims. The numerator of the time series for the frequency trend is the number of lost-time claims developed to ultimate. The same log-linear approach is used to find the annual trend rate of the most recent years.

The procedure used to estimate the severity trend is similar; the numerator of the severity trend time series uses policy year indemnity or medical losses developed to ultimate, adjusted to the current benefit level, and also adjusted to the policy year 2008 wage level. However, since the severity trend is estimating the growth in average claim costs over time, the denominator uses the same number of lost-time claims developed to ultimate by policy year as is used in the frequency trend numerator. Because the losses in the severity trend numerator are adjusted to a common wage level, the trend calculation will be measuring the difference in the growth rate of indemnity or medical severities relative to the growth in wages. With respect to indemnity trends, since most workers compensation weekly benefits are proportional to wages, any positive observed indemnity severity trend implies that costs are increasing faster than wages. Similarly for medical severity, any positive observed medical trend implies that medical costs are increasing faster than wages.

Since the numerator of the frequency trend is the same as the denominator of the severity trend, multiplying the two annual trend rates (expressed as a factor) together will cause the number of claims to cancel. Thus, the product of the two factors would have a numerator that is consistent with the numerator of the severity trend (ultimate losses adjusted to current benefit and 2008 wage levels) and a denominator consistent with the denominator of the frequency trend (developed pure premiums adjusted to current loss cost and 2008 wage levels). These are the very same elements in the numerator and denominator as were used in the pure premium trend. Thus, frequency and severity trends can be viewed as underlying components of the pure premium trend and their product represents a different way of estimating the pure premium trend.

Q. What did the Rate Bureau select for its annual trend rates?

A. The Rate Bureau selected an indemnity pure premium annual trend factor of .985 or a negative 1.5% per year. Their medical pure premium annual trend selection was a factor of 1.005 or a positive 0.5% per year. Since in North Carolina indemnity losses dominate, the end result is that the combined trend rate is negative, implying that loss costs are expected to improve between the time

they were last observed (policy year 2007 and policy year 2008) and the time that they will be used (policies written between 4/1/2011 and 3/31/2012).

Q. What trends did the Rate Bureau use for the loss costs currently in effect?

A. The 2009 loss cost filing incorporated the same annual trend factors.

Q. In your opinion are the Rate Bureau's annual trends reasonable?

A. Yes.

Q. You have explained the experience used in the loss cost filing, the adjustment made to the data with respect to development, the adjustment to current loss cost level, the adjustment to current benefit level, the adjustment to include losses excess of the loss limit, the adjustment to include loss adjustment expenses, and the adjustment for trend. You have concluded that each of these was reasonable, have you not?

A. Yes.

Q. In your opinion, are there any adjustments or factors that the Rate Bureau should have included in its analysis but has not?

A. No there are not.

Q. Do you have an opinion on the reasonableness of the overall change in loss costs proposed by the Rate Bureau?

A. Yes, my conclusion is that the Rate Bureau used appropriate actuarial methods and reasonable assumptions in its calculation of the overall change in loss costs in the voluntary loss cost filing. I therefore conclude that the result, a filing for an overall increase in the level of loss costs by 1.2%, is reasonable and actuarially sound.

Q. Has the methodology used by the Rate Bureau to determine the overall change in loss cost level changed from the methodology used in the 2009 loss cost filing?

A. No it has not.

Q. Have you reviewed the methodology the Rate Bureau used to calculate the industry group differentials?

A. Yes I have.

Q. Do you have an opinion as to whether that methodology, the resulting industry group differentials, and the resulting changes by industry group are reasonable?

A. Yes, I believe that the methodology, the resulting industry group differentials, and the resulting changes by industry group are all reasonable.

Q. Have you reviewed the methodology used to determine the overall change for the F classifications?

A. Yes I have.

Q. Do you have an opinion whether the methodology used and the resulting change for the F classifications is reasonable?

A. Yes, I believe that the methodology used and resulting overall change for the F classifications are reasonable.

Q. Have you reviewed the methodology used to spread the overall industry group changes to loss cost level to the individual classification loss costs within each industry group?

A. Yes I have.

Q. Has the methodology the Rate Bureau used to distribute the overall loss cost change by industry group to the individual classifications within each industry group changed from the 2009 filing?

A. No it has not. The Rate Bureau is continuing with same methodology it first adopted in the 2009 filing.

Q. Are swing limits still applied?

A. Yes. Swing limits are applied in the same manner as prior filings, namely, the maximum loss cost change for any given classification is limited. For the industrial classes, the limits remain the industry group average change plus or minus 25%. For the F classes, the Rate Bureau is continuing with the plus or minus 15% adopted in the 2009 filing.

Q. In your opinion, is this methodology reasonable and are the resulting loss costs by classification reasonable?

A. Yes.

Q. Do you have an opinion whether the filed loss costs are actuarially sound and reasonably reflect the needed level of loss costs for workers compensation insurance in North Carolina?

A. Yes, in my opinion the overall level of the loss costs as filed by the Rate Bureau reasonably reflects the expected level of loss costs for workers compensation insurance in North Carolina, and the loss costs by classification as contained in that filing are actuarially sound. Further it is my opinion that the filed loss costs are not excessive, inadequate, or unfairly discriminatory.

Q. Does this conclude your testimony?

A. Yes it does.