

# LOSS COSTS AND RATING VALUES

**PROPOSED EFFECTIVE AUGUST 1, 2014** 





November 25, 2013

Honorable Paul McGreevy
Director
State of Rhode Island and Providence Plantations
Department of Business Regulation
Insurance Division
1511 Pontiac Ave
Cranston, RI 02920

Attention: Paula Pallozzi, Chief Property & Casualty Insurance Rate Analyst

Re: Rhode Island Workers Compensation Loss Cost Level Change including Loss Adjustment Expense (LAE) -- Effective August 1, 2014

Dear Director McGreevy:

In accordance with the applicable statutes and regulations of the state of Rhode Island, we are filing for your consideration and approval voluntary loss costs changes for Rhode Island.

The voluntary loss costs, which are proposed to be effective August 1, 2014, reflect an increase of 3.0% from the current voluntary loss costs which became effective August 1, 2013.

The following class codes are of special note as a result of item filings approved in Rhode Island.

- 1. As a result of Item E-1402, the split point for experience rating in this filing was changed from \$10,000 to \$13,500.
- 2. As a result of Items R-1406 and R-1407, the retrospective rating plan parameters were updated.

As always, if you should have any questions or need additional information, please do not hesitate to contact me at (802) 454-1800 or Karen Ayres at (201) 386-2636.

Respectfully Submitted,

Laura Backus Hall, CPCU State Relations Executive

Laur K-Helf



#### **Actuarial Certification**

I, Karen Ayres, am a Director and Actuary for the National Council on Compensation Insurance, Inc. I am a Fellow of the Casualty Actuarial Society and a member of the American Academy of Actuaries, and I meet the Qualification Standards of the American Academy of Actuaries to provide the actuarial report contained herein.

The information contained in this report has been prepared under my direction in accordance with applicable Actuarial Standards of Practice as promulgated by the Actuarial Standards Board. The Actuarial Standards Board is vested by the U.S.-based actuarial organizations with the responsibility for promulgating Actuarial Standards of Practice for actuaries providing professional services in the United States. Each of these organizations requires its members, through its Code of Professional Conduct, to observe the Actuarial Standards of Practice when practicing in the United States.

Karen Ayres, FCAS, MAAA

**Director and Actuary** 

Actuarial and Economic Services

Caren J. agres



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# **WORKERS COMPENSATION FILING – AUGUST 1, 2014**

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# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

### **Background and Filing Procedure**

The workers compensation benefit system is designed to cover medical costs associated with workplace injuries, as well as provide wage replacement (indemnity) benefits to injured workers for lost work time.

The National Council on Compensation Insurance, Inc. (NCCI) collects an extensive amount of information regarding the workers compensation system in Rhode Island, and submits proposed voluntary market loss costs for review and approval by the Director of the Rhode Island Department of Business Regulation.

Pursuant to Rhode Island General Laws 27-7.1-1, NCCI is filing loss costs including loss adjustment expense.

The prospective loss costs are intended to cover the indemnity and medical benefits provided under the system, as well as the loss adjustment expenses associated with providing these benefits. They do not, however, contemplate any other costs associated with providing workers compensation insurance (such as commissions, taxes, etc.).

Each insurance company offering workers compensation insurance in Rhode Island must file a loss cost multiplier to be applied to the approved advisory prospective loss costs in order to compute the final workers compensation rates they intend to charge. This multiplier is intended to cover the other costs associated with providing workers compensation insurance that are not already part of the advisory prospective loss costs and reflect the companies' own experience and expense levels. As a result, carriers adopting these loss costs will need to review the appropriateness of their loss cost multipliers. As an alternative, insurance companies may opt to not adopt these loss costs and make independent filings instead.

In this filing, NCCI is proposing that the Director approve an overall average increase of 3.0% to the current loss cost level in effect since August 1, 2013, and that the new values become effective on August 1, 2014. This document will explain why this change is indicated. NCCI separately determines voluntary loss costs for each workers compensation classification. In this filing, the actual change from the current loss cost is different depending on the classification.

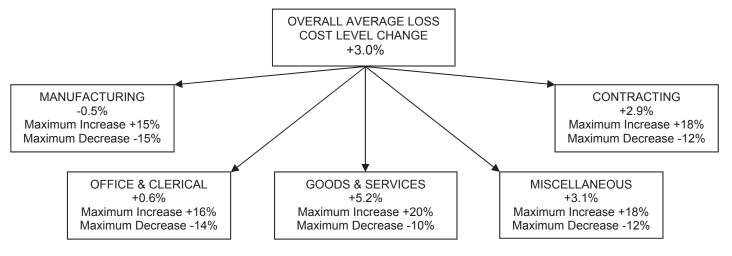


# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

# **Proposed Overall Average Change in Voluntary Loss Cost Level**

Key Components	Percentage Change
Experience, Trend, and Benefits	+2.6%
Loss Adjustment Expenses	<u>+0.4%</u>
Overall Change Requested	+3.0%

The change in loss costs varies depending on the classification. Each classification belongs to one of five industry groups. The average voluntary loss cost level change proposed for each of these five groups is displayed below, as well as the largest increase and largest decrease possible for a classification in each of those groups.







# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

# **Key Components**

There are four key components in this filing: experience, trend, benefits, and loss adjustment expense. They will each be separately discussed.

#### **Experience**

NCCI analyzed the emerging experience of Rhode Island workers compensation policies in recent years. The primary focus of our analysis was on premiums and losses from policy years 2009, 2010, and 2011, evaluated as of December 31, 2012. (A policy year captures the premiums and losses from the block of policies that had effective dates during a given year). The most recently available full policy year is 2011 since the last policy had an effective date of December 31, 2011 and did not expire until December 31, 2012. During this year's analysis, after reviewing various possible experience periods, the use of the three most recently available full policy years of data was selected as most appropriate in terms of providing balance between stability and responsiveness. The use of the three most recent policy years of experience is consistent with the approach used by NCCI for recent Rhode Island filings.

It should be noted that NCCI adjusts (via premium and loss on-level factors) the historical policy year experience to reflect approved loss cost changes as well as statutory benefit level changes implemented since that time period.

NCCI also adjusts historical experience through the use of loss development factors for medical and indemnity losses. These factors are needed since paid losses (benefit amounts already paid by insurers) and case reserve estimates (the amounts set aside to cover future payments on known claims) are known to change over time until the claims are finally closed. The loss development factors are based on how the historical reported losses changed over time for claims from older years. The loss experience used by NCCI in this filing reflects paid losses.

- For indemnity losses, NCCI is utilizing a five-year average, excluding high and low values, of paid development to a 19<sup>th</sup> report; these factors have been adjusted to reflect the impact of the 1992 reform.
- For medical losses, NCCI is utilizing a five-year average, excluding high and low values, of paid development to a 19<sup>th</sup> report.
- To estimate the development from 19<sup>th</sup> report to ultimate, NCCI is utilizing an eight-year average of paid+case development factors. The resulting 19<sup>th</sup> to ultimate indemnity factors were also adjusted to reflect the impact of the 1992 reform.

The procedure for the treatment of individual large losses in this loss cost filing is the same procedure used in previous Rhode Island loss cost filings.

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### **WORKERS COMPENSATION FILING – AUGUST 1, 2014**

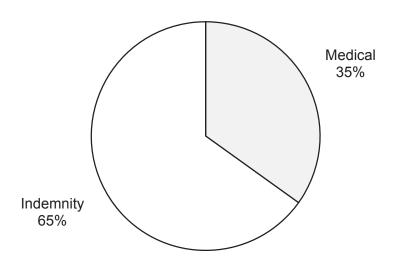
# **Key Components (Continued)**

#### **Trend**

As noted previously, the filing relies primarily on the experience from policy years 2009, 2010, and 2011; however, the proposed loss costs are intended for use with policies with effective dates starting on August 1, 2014. Therefore, it is necessary to use trend factors that forecast how much the future Rhode Island workers compensation experience will differ from the past. These trend factors measure anticipated changes in the amount of indemnity and medical benefits as compared with anticipated changes in the amount of workers' wages. For example, if benefit costs are expected to grow faster than wages, then a trend factor greater than zero is indicated. Conversely, if wages are expected to grow faster than benefit costs, then a trend factor less than zero is indicated. A 0% trend assumes that benefit growth and wage growth will offset each other during the trend period.

In order to appreciate the impact of the various filing components on overall system costs, it is helpful to consider the separate indemnity and medical segments of Rhode Island benefit costs.

## **Distribution of Rhode Island Benefit Costs**



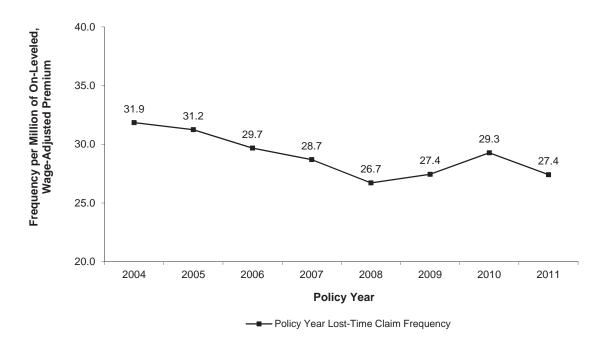
As can be seen, about 65% of Rhode Island's total benefit costs are indemnity. This percentage is higher than in most other states.



# **WORKERS COMPENSATION FILING – AUGUST 1, 2014**

Let us begin by analyzing a measure of the number of workplace injuries (claim frequency) and the average cost of each of these injuries (claim severity). The chart below summarizes the recent history of Rhode Island lost-time claims (i.e., those claims where a worker has received wage replacement benefits due to a compensable workplace injury). The data in the chart reflect premiums at today's loss cost and wage levels.

# **Rhode Island Claim Frequency**



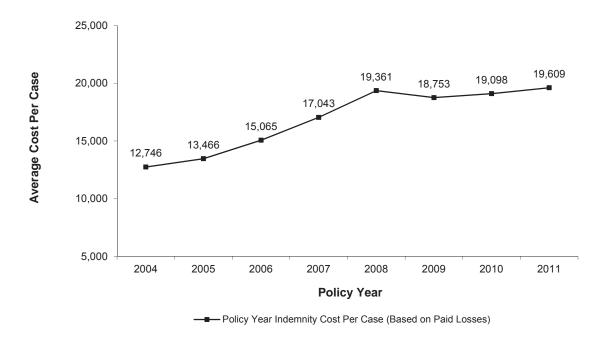
As this chart illustrates, Rhode Island's claim frequency declined through 2008, and after increasing for two consecutive years, declined again in 2011.



# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

Let us look at the indemnity side of benefits. The chart below shows Rhode Island's historical average indemnity cost per case for the most recent eight years. The data in the below chart reflect losses at today's statutory benefit levels.

# **Rhode Island Indemnity Cost Per Case**

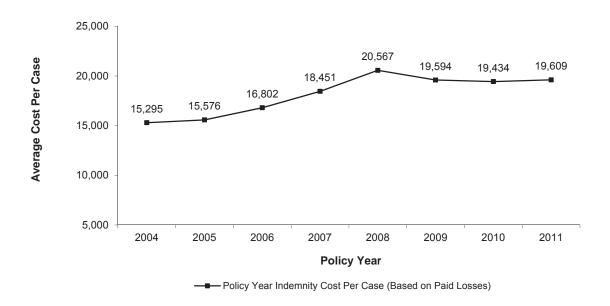


After removing the impact of the growth in workers' wages that occurred over this time period, the average indemnity cost per case in excess of wage growth is shown in the following chart.



# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

# Rhode Island Indemnity Cost Per Case Adjusted to Current Wage Level



As this chart illustrates, the average indemnity cost per case in excess of wage growth increased from 2004 to 2008, although it has remained relatively unchanged in the most recent three years.

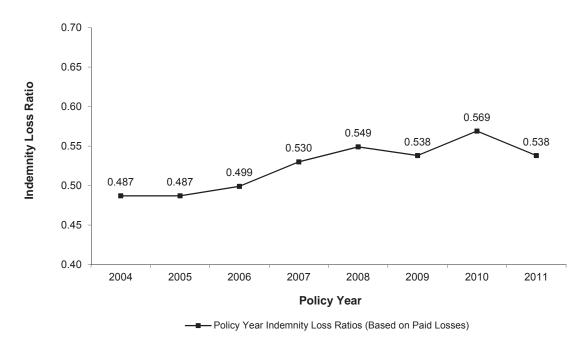
# (NECI)

#### **RHODE ISLAND**

# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

The indemnity loss ratios below result after combining the observed Rhode Island average claim frequency with the corresponding average indemnity cost per case. An indemnity loss ratio represents the proportion of premium dollars that are necessary to cover indemnity (wage replacement) benefits on behalf of injured workers. The data in the chart reflect premiums at today's loss costs and losses at today's statutory benefit levels.

# **Rhode Island Indemnity Loss Ratio History**



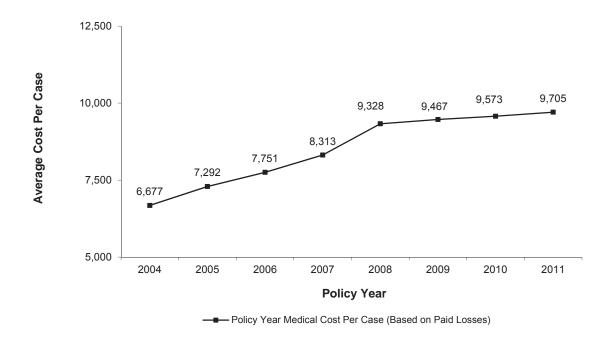
Based on our analysis, we are proposing an indemnity trend of 0.0% per year. This means that indemnity benefits are expected to increase at the same pace as workers' wages. This represents no change from the current approved indemnity trend of 0.0%.



# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

Rhode Island's average medical cost per claim is tracked in the following chart. The data in the below chart reflect losses at today's statutory benefit levels.

## **Rhode Island Medical Cost Per Case**

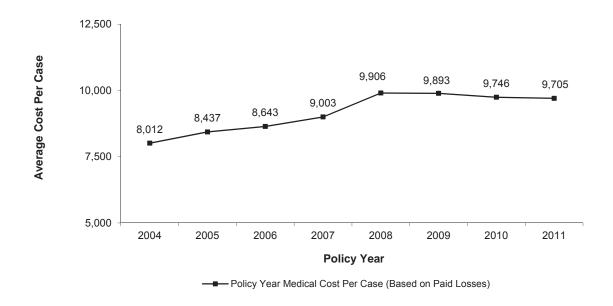


After removing the impact of the growth in workers' wages that occurred over this time period, the average medical cost per case in excess of wage growth is shown in the following chart.



# **WORKERS COMPENSATION FILING – AUGUST 1, 2014**

# Rhode Island Medical Cost Per Case Adjusted to Current Wage Level



The average Rhode Island medical cost per case in excess of wage growth has generally increased since 2004, although the growth has abated in recent years.

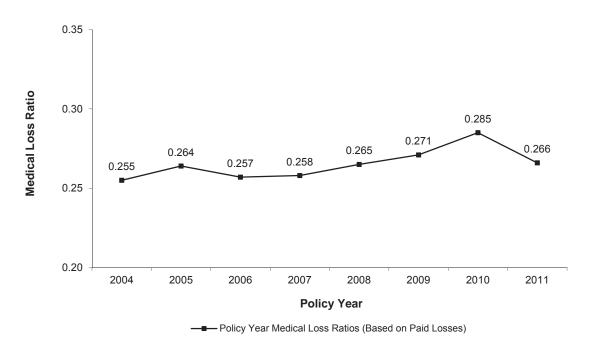
(Note: Unlike indemnity benefits, the level of workers compensation medical benefits is not directly based on average weekly wages. Even so, it is still instructive to review the changes in medical average cost per case in excess of wage growth—as this allows one to combine the change in the wage-adjusted medical average cost per case by the similarly-adjusted change in claim frequency in order to approximate the change over time in the overall medical loss ratios.)



# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

The medical loss ratios below result after combining the observed Rhode Island average claim frequency with the corresponding average medical cost per case. A medical loss ratio represents the proportion of premium dollars that are necessary to cover medical benefits on behalf of injured workers. The data in the chart reflect premiums at today's loss costs and losses at today's statutory benefit levels.

# **Rhode Island Medical Loss Ratio History**



Excluding the latest policy year, the medical loss ratios have steadily increased since 2006. In last year's Rhode Island filing, NCCI proposed a medical trend factor of +0.5%. Based on our analysis this year, we are proposing no change to the current approved medical trend of +0.5%. This means that medical benefits are expected to increase at a faster pace than workers' wages.



# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

# **Key Components (Continued)**

#### Benefits

Each September 1st, the maximum weekly benefits are updated based on Rhode Island's most recent average weekly wage. The current voluntary loss costs reflect the minimum and maximum benefits in effect as of September 1, 2012. The proposed voluntary loss costs reflect the impact of the increase in the maximum weekly benefits effective September 1, 2013. This change is estimated to increase overall system costs by +0.1%.

# **Loss Adjustment Expense**

The proposed loss costs include a provision for loss adjustment expenses (LAE). These expenses are directly associated with the handling of workers compensation claims. LAE is included in the loss costs by using a ratio of loss adjustment expense dollars to loss dollars (called the LAE provision). The filed LAE provision is based on private carrier data.

The current approved loss costs include an LAE provision of 18.2%. In this filing, NCCI is proposing an LAE provision of 18.7%. This represents an increase of 0.4% from the current approved provision.

#### Conclusion

This filing document provides a high-level perspective in support of increasing Rhode Island's current loss cost levels by an average of 3.0%.

Here are some of the key observations:

- Loss experience continues to deteriorate, particularly for PYs 2009 and 2010; PY 2011 shows improvement.
- Following two years of increases, lost time claim frequency declined in the latest year.
- Claim severity growth has abated for both indemnity and medical.

To encourage a competitive market, it is important for companies to have confidence that they have good information about the cost of providing workers compensation coverage and that the advisory loss costs available to them are neither inadequate nor excessive. A healthy competitive market will benefit Rhode Island employers.

The following pages contain additional exhibits that may be of interest, as well as the proposed voluntary loss costs and rating values by classification.

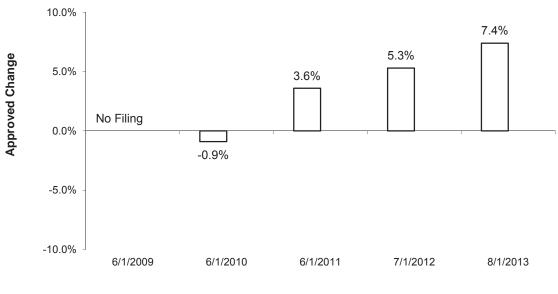
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# **WORKERS COMPENSATION FILING – AUGUST 1, 2014**

### **EXHIBIT I**

# Rhode Island Historical Loss Cost Level Changes



**Effective Date** 

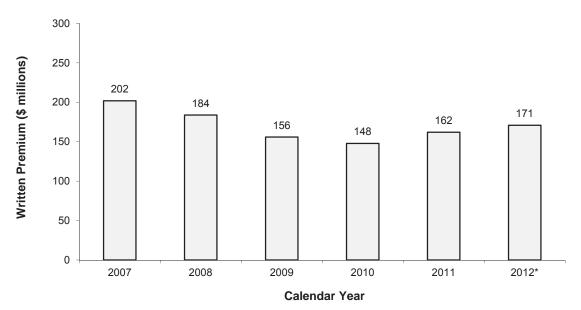
The chart above shows the average approved voluntary loss cost level changes in Rhode Island for each of the last five years.



# **WORKERS COMPENSATION FILING – AUGUST 1, 2014**

## **EXHIBIT II**

# **Rhode Island Written Premium**



<sup>\*</sup> Preliminary, Source: NAIC Annual Statement Data

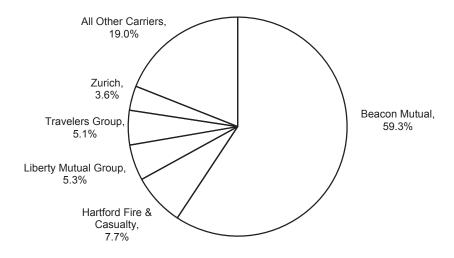
This exhibit illustrates Rhode Island's calendar year written premium totals for the latest six years.



# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

# **EXHIBIT III**

# Rhode Island Largest Workers Compensation Writers CY 2012



Source: NAIC Annual Statement Data

The five largest insurance company groups providing workers compensation insurance in Rhode Island in 2012 are shown in this chart.

Effective A	lugust 1, i	2014
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0006	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
0016	0005	3.87	2.73	0.33	2014	7.08	4.63	0.27	2702	21.95	11.95	0.23
0016	0008	2.43	1.67	0.29	2016	3.29	2.38	0.34	2709	16.19	10.53	0.27
0036												
0036												
0036												
0037	0035	2.97	2.16	0.34	2041	5.49	3.98	0.34	2/31	4.96	3.24	0.27
0042 5.62 3.84 4.0 2.9 2081 4.72 3.34 0.33 2790 2.13 1.54 0.34 0.050 0.34 4.46 0.33 2089 4.72 3.33 0.33 2797 5.34 3.65 0.29 0.0560 0.28 0.06 0.23 2095 5.82 4.10 0.33 2797 5.34 3.65 0.29 0.0660 0.05 0.02 0.27 210 3.61 2.62 0.34 2802 5.34 3.65 0.29 0.0660 0.05 0.02 0.27 2110 3.61 2.62 0.34 2812 — 3.41 0.33 0.0670 0.05 0.02 0.27 2110 8.92 0.48 0.34 2812 — 3.41 0.33 0.0670 0.05 0.02 0.27 2111 8.92 0.49 0.34 2835 3.46 2.60 0.39 0.0683 5.67 4.00 0.33 2114 2.33 2.15 0.34 2836 3.86 2.92 0.39 0.083 5.67 4.00 0.33 2114 2.32 1.88 0.34 2836 3.88 2.92 0.39 0.083 5.67 4.00 0.33 2114 2.32 1.88 0.34 2841 8.94 6.48 0.34 0.0670 4.89 3.20 0.27 2112 3.39 2.25 0.34 2836 3.88 4.84 3.41 0.33 0.016 1.24 3.8 0.34 2.00 3.3 2131 3.92 2.76 0.33 2881 3.49 2.62 0.39 0.013 2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0036								2735	8.40		
00500	0037	4.15	2.84		2070			0.33	2759	8.64	6.28	
00560   0.28	0042	5.62	3.84	0.29		4.72	3.34	0.33	2790	2.13	1.54	0.34
00665D	0050	6.34	4.46	0.33	2089	4.72	3.33	0.33	2797	5.34		0.29
00600	0059D	0.28	0.08	0.23	2095	5.82	4.10	0.33	2799	3.13	2.14	0.29
00660	0065D	0.05	0.02	0.27	2105	4.07	2.95	0.34	2802	5.34	3.65	0.29
0079	0066D	0.05	0.02		2110	3.61	2.62	0.34	2812	_	3.41	0.33
0079		0.05										
0083   5.67   4.00   0.33   2114   2.32   1.68   0.34   2841   8.94   6.48   0.34												
0106												
0113	0000	3.07	4.00		2114	2.52	1.00		2041	0.94	0.40	0.54
0170												
0170	0113	4.86	3.43		2130				2883	4.84	3.41	
0251	0170	5.49	3.88	0.33	2131			0.33	2913			0.39
0400   12.44   8.50   0.29   2157   7.70   5.41   0.33   2916   4.51   2.72   0.24	0251	4.86	3.43	0.33	2143	3.38		0.34	2915	4.34	2.96	0.29
0771N		12.44										
0771N	0401	10.30	6.23	0.24	2172	3 42	2 33	0.29	2923	3.09	2 24	0.34
9908P   153.00   107.53   0.33   2211   9.26   6.08   0.27   2960   6.41   4.52   0.33   0913P   357.00   251.44   0.33   2220   2.84   2.00   0.33   3004   3.66   2.26   0.27   0917   9.35   6.81   0.34   2260X   7.74   5.03   0.27   3018   4.57   2.98   0.27   0918X   1.50   1.05   0.33   2286   2.69   1.96   0.34   3022   3.96   2.88   0.34   1005   7.08   3.84   0.23   2288   4.48   3.25   0.34   3027   3.78   2.46   0.27   1164D   7.43   4.02   0.23   2300   3.26   2.45   0.39   3028   4.46   3.15   0.33   1165D   5.04   3.01   0.25   2302   4.60   3.24   0.33   3030   9.43   6.14   0.27   1320   2.96   1.79   0.24   2305   2.42   1.65   0.29   3040   10.21   6.66   0.27   1322   10.41   6.27   0.24   2361   2.53   1.79   0.33   3042   6.44   4.40   0.29   1438   4.89   2.97   0.24   2380   3.07   2.17   0.33   3064   6.90   4.87   0.33   1452   3.78   2.46   0.27   2386   2.31   1.67   0.34   3076   4.83   3.49   0.34   1472   5.00   3.03   0.24   2402   5.59   3.66   0.27   0.33   3062   6.86   4.42   0.27   1624D   3.52   2.12   0.24   2413   2.93   2.07   0.33   3062   6.86   4.42   0.27   1634   9.77   6.37   0.27   2416   2.32   1.63   0.33   3065D   5.53   3.57   0.27   1654   9.77   6.37   0.27   2417   5.71   3.99   0.33   3110   5.51   3.88   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3111   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2554   3.39   2.47   0.34   3114   3.26   3.69   2.60   0.33   3185   3.12   2.12   0.29   2623   6.70   4.58   0.34   3119   3.11   3.68   2.5				0.21								
0913P				0.33								
0917												
0918X												
1005	0917	9.35	6.81	0.34	2260X	7.74	5.03	0.27	3018	4.57	2.98	0.27
1005   7.08   3.84   0.23   2288   4.48   3.25   0.34   3027   3.78   2.46   0.27     1164D   7.43   4.02   0.23   2300   3.26   2.45   0.39   3028   4.46   3.15   0.33     1165D   5.04   3.01   0.25   2302   4.60   3.24   0.33   3030   9.43   6.14   0.27     1320   2.96   1.79   0.24   2305   2.42   1.65   0.29   3040   10.21   6.66   0.27     1322   10.41   6.27   0.24   2361   2.53   1.79   0.33   3041   6.16   4.34   0.33     1430   9.12   5.96   0.27   2362   2.76   1.95   0.33   3041   6.16   4.44   0.29     1438   4.89   2.97   0.24   2380   3.07   2.17   0.33   3064   6.50   4.87   0.33     1452   3.78   2.46   0.27   2366   2.00   1.45   0.34   3069   4.71   3.08   0.27     1463   13.15   7.95   0.24   2388   2.31   1.67   0.34   3069   4.71   3.08   0.27     1624D   3.52   2.12   0.24   2413   2.93   2.07   0.33   3082D   6.66   4.42   0.27     1624D   3.52   2.12   0.24   2413   2.93   2.07   0.33   3085D   5.53   3.57   0.27     1624   5.27   3.43   0.27   2416   2.32   1.63   0.33   3085D   5.53   3.57   0.27     1625   4.83   3.15   0.27   2501   2.99   2.12   0.33   3111   3.23   2.28   0.33     1699   5.75   3.75   0.27   2503   1.49   1.08   0.34   3113   3.68   2.59   0.33     1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3114   3.23   2.28   0.33     1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3114   3.23   2.28   0.33     1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3114   3.23   2.28   0.33     1701   4.46   2.91   0.27   2536   3.80   2.47   0.34   3114   3.23   2.28   0.33     1701   4.46   2.91   0.27   2536   3.80   2.47   0.34   3114   3.23   2.28   0.33     1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3114   3.23   2.28   0.33     1701   4.46   2.91   0.27   2536   3.80   2.55   3.80   3.55   0.34   3119   3.11   3.23   2.28   0.33     1701   4.46   2.91   0.27   2536   3.80   2.40   0.34   3119   3.11   3.23   2.28   0.33     1701   4.46   2.91   0.27   2586   3.00   2.11   0.33   3122   2.63   3.60   3.80   0.24   2.589   2.56   3.80   0	0918X	1.50	1.05	0.33	2286	2.69	1.96	0.34	3022	3.96	2.88	0.34
1164D	1005	7.08	3.84		2288	4.48		0.34	3027	3.78	2.46	0.27
1165D   5.04   3.01   0.25   2302   4.60   3.24   0.33   3030   9.43   6.14   0.27   1320   2.96   1.79   0.24   2305   2.42   1.65   0.29   3040   10.21   6.66   0.27   1322   10.41   6.27   0.24   2361   2.53   1.79   0.33   3041   6.16   4.34   0.33   1430   9.12   5.96   0.27   2362   2.76   1.95   0.33   3042   6.44   4.40   0.29   1438   4.89   2.97   0.24   2380   3.07   2.17   0.33   3064   6.90   4.87   0.33   1452   3.78   2.46   0.27   2386   2.00   1.45   0.34   3069   4.71   3.08   0.27   1463   13.15   7.95   0.24   2388   2.31   1.67   0.34   3076   4.83   3.49   0.34   1472   5.00   3.03   0.24   2402   5.59   3.66   0.27   0.33   3082D   6.86   4.42   0.27   1624   5.27   3.43   0.27   2416   2.32   1.63   0.33   3082D   6.86   4.42   0.27   1624   5.27   3.43   0.27   2417   5.71   3.99   0.33   3110   5.51   3.88   0.33   1655   4.83   3.15   0.27   2501   2.99   2.12   0.33   3111   3.23   2.28   0.33   1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3113   3.68   2.59   0.33   1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2536   3.09   2.17   0.34   3114   3.23   2.28   0.33   1701   4.46   2.91   0.27   2536   3.39   2.47   0.34   3118   2.60   1.88   0.34   1741   5.89   3.03   0.23   2585   4.88   3.55   0.34   3118   2.60   1.88   0.34   1747   3.64   2.37   0.27   2586   3.00   2.11   0.33   3122   2.63   1.92   0.34   1860   2.59   1.88   0.34   2651   2.62   1.91   0.34   3146   3.11   2.19   0.33   1925   5.62   3.86   0.29   2600   4.11   2.99   0.34   3146   3.11   2.19   0.33   1925   5.62   3.86   0.29   2670   2.40   1.80   0.39   3175D   6.11   4.28   0.33   1925   5.62   3.86   0.29   2670   2.40   1.80   0.39   3175D   6.11   4.28   0.33   1925   5.62   3.86   0.29   2670   2.40   1.80   0.39   3175D   6.11   4.28   0.33   1925   5.62   3.86   0.29   2670   2.40   1.80   0.39   3175D   6.11   4.28   0.33   1925   5.62   3.86   0.29   2670   2.40   1.80   0.39   3175D   6.11   4.28   0.33   2001												
1320         2.96         1.79         0.24         2305         2.42         1.65         0.29         3040         10.21         6.66         0.27           1322         10.41         6.27         0.24         2361         2.53         1.79         0.33         3041         6.16         4.34         0.33           1430         9.12         5.96         0.27         2362         2.76         1.95         0.33         3042         6.44         4.40         0.29           1438         4.89         2.97         0.24         2380         3.07         2.17         0.33         3064         6.90         4.87         0.33           1452         3.78         2.46         0.27         2386         2.00         1.45         0.34         3069         4.71         3.08         0.27           1463         13.15         7.95         0.24         2388         2.31         1.67         0.34         3076         4.83         3.49         0.34           1472         5.00         3.03         0.24         2402         5.59         3.66         0.27         3081D         7.15         4.62         0.27         1624         5.27         343												
1322   10.41   6.27   0.24   2361   2.53   1.79   0.33   3041   6.16   4.34   0.33   1430   9.12   5.96   0.27   2362   2.76   1.95   0.33   3042   6.44   4.40   0.29   1438   4.89   2.97   0.24   2380   3.07   2.17   0.33   3064   6.90   4.87   0.33   1452   3.78   2.46   0.27   2386   2.00   1.45   0.34   3069   4.71   3.08   0.27   1463   13.15   7.95   0.24   2388   2.31   1.67   0.34   3076   4.83   3.49   0.34   1472   5.00   3.03   0.24   2402   5.59   3.66   0.27   3081D   7.15   4.62   0.27   1624D   3.52   2.12   0.24   2413   2.93   2.07   0.33   3082D   6.86   4.42   0.27   1624   5.27   3.43   0.27   2416   2.32   1.63   0.33   3082D   5.53   3.57   0.27   1654   9.77   6.37   0.27   2417   5.71   3.99   0.33   3110   5.51   3.88   0.33   1655   4.83   3.15   0.27   2501   2.99   2.12   0.33   3111   3.23   2.28   0.33   1701   4.46   2.91   0.27   2534   3.39   2.47   0.34   3114   3.23   2.28   0.33   1701   4.29   2.78   0.27   2570   5.23   3.78   0.34   3118   2.60   1.88   0.34   1747   3.64   2.37   0.27   2586   3.00   2.11   0.33   3122   2.63   1.92   0.34   1748   4.14   2.71   0.27   2587   4.91   3.56   0.34   3126   3.69   2.60   0.33   1852D   4.30   2.31   0.23   2660   4.11   2.98   0.34   3132   4.50   3.18   0.33   1852D   4.30   2.31   0.23   2660   4.11   2.98   0.34   3146   3.11   2.19   0.33   1925   5.62   3.86   0.29   2670   2.40   1.80   0.39   3175D   6.11   4.28   0.33   2001   -   3.50   0.33   2688   2.11   0.54   2.55   0.34   3169   3.96   2.80   0.33   2001   -   3.50   0.33   2688   2.13   1.55   0.34   3160   4.32   3.14   0.34   2002   7.86   5.74   0.34   2688   3.32   2.41   0.34   3180   4.32   3.14   0.34   2002   7.86   5.74   0.34   2688   3.32   2.41   0.34   3180   4.32   3.14   0.34   2002   7.86   5.74   0.34   2688   3.32   2.41   0.34   3180   4.32   3.14   0.34   2002   7.86   5.74   0.34   2688   3.32   2.41   0.34   3180   4.32   3.14   0.34   2002   7.86   5.74   0.34   2688   3.32   2.41   0.34   3180   4.32   3.14   0.34   2002   7.86   5.74												
1430         9.12         5.96         0.27         2362         2.76         1.95         0.33         3042         6.44         4.40         0.29           1438         4.89         2.97         0.24         2380         3.07         2.17         0.33         3064         6.90         4.87         0.33           1452         3.78         2.46         0.27         2386         2.00         1.45         0.34         3069         4.71         1.308         0.27           1463         13.15         7.95         0.24         2388         2.31         1.67         0.34         3076         4.83         3.49         0.34           1472         5.00         3.03         0.24         2402         5.59         3.66         0.27         3081D         7.15         4.62         0.27           1624D         3.52         2.12         0.24         2413         2.93         2.07         0.33         3082D         6.86         4.42         0.27           1624D         3.52         2.12         0.24         2413         2.93         2.07         0.33         3082D         6.86         4.42         0.27         164         9.77         6.37	1320	2.90	1.79	0.24	2303	2.42	1.00	0.29	3040	10.21	0.00	0.27
1438         4.89         2.97         0.24         2380         3.07         2.17         0.33         3064         6.90         4.87         0.33           1452         3.78         2.46         0.27         2386         2.00         1.45         0.34         3069         4.71         3.08         0.27           1463         13.15         7.95         0.24         2388         2.31         1.67         0.34         3069         4.71         3.08         0.27           1462         5.00         3.03         0.24         2402         5.59         3.66         0.27         3081D         7.15         4.62         0.27           1624D         3.52         2.12         0.24         2402         2.59         3.07         0.33         3082D         6.86         4.42         0.27           1654         9.77         6.37         0.27         2417         5.71         3.99         0.33         3110         5.51         3.88         0.33           1659         5.75         3.75         0.27         2501         2.99         2.12         0.33         3111         3.23         2.28         0.33           1701         4.46												
1452       3.78       2.46       0.27       2386       2.00       1.45       0.34       3069       4.71       3.08       0.27         1463       13.15       7.95       0.24       2388       2.31       1.67       0.34       3076       4.83       3.49       0.34         1472       5.00       3.03       0.24       2402       5.59       3.66       0.27       3081D       7.15       4.62       0.27         1624D       3.52       2.12       0.24       2413       2.93       2.07       0.33       3082D       6.86       4.42       0.27         1654       9.77       6.37       0.27       2416       2.32       1.63       0.33       3085D       5.53       3.57       0.27         1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3110       5.51       3.88       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.46       2.91       0.27       2503       1.49       1.08       0.34       3114       3.23       <	1430	9.12	5.96	0.27	2362	2.76	1.95	0.33	3042	6.44	4.40	0.29
1463       13.15       7.95       0.24       2388       2.31       1.67       0.34       3076       4.83       3.49       0.34         1472       5.00       3.03       0.24       2402       5.59       3.66       0.27       3081D       7.15       4.62       0.27         1624D       3.52       2.12       0.24       2413       2.93       2.07       0.33       3082D       6.86       4.42       0.27         1642       5.27       3.43       0.27       2416       2.32       1.63       0.33       3085D       5.53       3.57       0.27         1654       9.77       6.37       0.27       2417       5.71       3.99       0.33       3110       5.51       3.88       0.33         1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3111       3.23       2.28       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.66       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       <	1438	4.89	2.97	0.24	2380	3.07	2.17	0.33	3064	6.90	4.87	0.33
1463       13.15       7.95       0.24       2388       2.31       1.67       0.34       3076       4.83       3.49       0.34         1472       5.00       3.03       0.24       2402       5.59       3.66       0.27       3081D       7.15       4.62       0.27         1624D       3.52       2.12       0.24       2413       2.93       2.07       0.33       3082D       6.86       4.42       0.27         1642       5.27       3.43       0.27       2416       2.32       1.63       0.33       3085D       5.53       3.57       0.27         1654       9.77       6.37       0.27       2417       5.71       3.99       0.33       3110       5.51       3.88       0.33         1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3111       3.23       2.28       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.66       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       <	1452	3.78	2.46	0.27	2386	2.00	1.45	0.34	3069	4.71	3.08	0.27
1624D       3.52       2.12       0.24       2413       2.93       2.07       0.33       3082D       6.86       4.42       0.27         1642       5.27       3.43       0.27       2416       2.32       1.63       0.33       3085D       5.53       3.57       0.27         1654       9.77       6.37       0.27       2417       5.71       3.99       0.33       3110       5.51       3.88       0.33         1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3111       3.23       2.28       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.46       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       2.28       0.33         1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3114       3.23       2.28       0.33         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       <												
1624D       3.52       2.12       0.24       2413       2.93       2.07       0.33       3082D       6.86       4.42       0.27         1642       5.27       3.43       0.27       2416       2.32       1.63       0.33       3085D       5.53       3.57       0.27         1654       9.77       6.37       0.27       2417       5.71       3.99       0.33       3110       5.51       3.88       0.33         1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3111       3.23       2.28       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.46       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       2.28       0.33         1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3114       3.23       2.28       0.33         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       <	1472	5.00	3.03	0.24	2402	5.59	3.66	0.27	3081D	7.15	4.62	0.27
1642         5.27         3.43         0.27         2416         2.32         1.63         0.33         3085D         5.53         3.57         0.27           1654         9.77         6.37         0.27         2417         5.71         3.99         0.33         3110         5.51         3.88         0.33           1655         4.83         3.15         0.27         2501         2.99         2.12         0.33         3111         3.23         2.28         0.33           1699         5.75         3.75         0.27         2503         1.49         1.08         0.34         3113         3.68         2.59         0.33           1701         4.46         2.91         0.27         2534         3.39         2.47         0.34         3114         3.23         2.28         0.33           1710D         4.29         2.78         0.27         2570         5.23         3.78         0.34         3118         2.60         1.88         0.34           1741D         5.89         3.03         0.23         2585         4.88         3.55         0.34         3119         1.11         0.83         0.93           1748         4.14												
1654       9.77       6.37       0.27       2417       5.71       3.99       0.33       3110       5.51       3.88       0.33         1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3111       3.23       2.28       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.46       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       2.28       0.33         1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3118       2.60       1.88       0.34         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       0.83       0.39         1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
1655       4.83       3.15       0.27       2501       2.99       2.12       0.33       3111       3.23       2.28       0.33         1699       5.75       3.75       0.27       2503       1.49       1.08       0.34       3113       3.68       2.59       0.33         1701       4.46       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       2.28       0.33         1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3118       2.60       1.88       0.34         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       0.83       0.39         1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
1701       4.46       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       2.28       0.33         1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3118       2.60       1.88       0.34         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       0.83       0.39         1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
1701       4.46       2.91       0.27       2534       3.39       2.47       0.34       3114       3.23       2.28       0.33         1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3118       2.60       1.88       0.34         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       0.83       0.39         1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37 <t< td=""><td>1600</td><td>E 75</td><td>2 75</td><td>0.27</td><td>2502</td><td>1 40</td><td>1.00</td><td>0.24</td><td>2112</td><td>2 60</td><td>2.50</td><td>0.22</td></t<>	1600	E 75	2 75	0.27	2502	1 40	1.00	0.24	2112	2 60	2.50	0.22
1710D       4.29       2.78       0.27       2570       5.23       3.78       0.34       3118       2.60       1.88       0.34         1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       0.83       0.39         1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
1741D       5.89       3.03       0.23       2585       4.88       3.55       0.34       3119       1.11       0.83       0.39         1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11       2.19       0.33         1924       3.53       2.55       0.34       2660       3.20       2.33       0.34       3169       3.96 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
1747       3.64       2.37       0.27       2586       3.00       2.11       0.33       3122       2.63       1.92       0.34         1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11       2.19       0.33         1924       3.53       2.55       0.34       2660       3.20       2.33       0.34       3169       3.96       2.80       0.33         1925       5.62       3.86       0.29       2670       2.40       1.80       0.39       3175D       6.11 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
1748       4.14       2.71       0.27       2587       4.91       3.56       0.34       3126       3.69       2.60       0.33         1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11       2.19       0.33         1924       3.53       2.55       0.34       2660       3.20       2.33       0.34       3169       3.96       2.80       0.33         1925       5.62       3.86       0.29       2670       2.40       1.80       0.39       3175D       6.11       4.28       0.33         2001       -       3.50       0.33       2683       2.13       1.55       0.34       3180       4.32       3.												
1803D       7.93       4.63       0.24       2589       2.56       1.80       0.33       3131       2.63       1.86       0.33         1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1863       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11       2.19       0.33         1924       3.53       2.55       0.34       2660       3.20       2.33       0.34       3169       3.96       2.80       0.33         1925       5.62       3.86       0.29       2670       2.40       1.80       0.39       3175D       6.11       4.28       0.33         2001       -       3.50       0.33       2683       2.13       1.55       0.34       3179       2.78       2.02       0.34         2002       7.86       5.74       0.34       2688       3.32       2.41       0.34       3180       4.32       3.	1747	3.64	2.37	0.27	2586	3.00	2.11	0.33	3122	2.63	1.92	0.34
1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11       2.19       0.33         1924       3.53       2.55       0.34       2660       3.20       2.33       0.34       3169       3.96       2.80       0.33         1925       5.62       3.86       0.29       2670       2.40       1.80       0.39       3175D       6.11       4.28       0.33         2001       -       3.50       0.33       2683       2.13       1.55       0.34       3179       2.78       2.02       0.34         2002       7.86       5.74       0.34       2688       3.32       2.41       0.34       3180       4.32       3.14       0.34	1748	4.14	2.71		2587	4.91	3.56	0.34	3126	3.69	2.60	0.33
1852D       4.30       2.31       0.23       2600       4.11       2.98       0.34       3132       4.50       3.18       0.33         1853       3.12       2.12       0.29       2623       6.70       4.58       0.29       3145       3.37       2.38       0.33         1860       2.59       1.88       0.34       2651       2.62       1.91       0.34       3146       3.11       2.19       0.33         1924       3.53       2.55       0.34       2660       3.20       2.33       0.34       3169       3.96       2.80       0.33         1925       5.62       3.86       0.29       2670       2.40       1.80       0.39       3175D       6.11       4.28       0.33         2001       -       3.50       0.33       2683       2.13       1.55       0.34       3179       2.78       2.02       0.34         2002       7.86       5.74       0.34       2688       3.32       2.41       0.34       3180       4.32       3.14       0.34	1803D	7.93	4.63	0.24	2589	2.56	1.80	0.33	3131	2.63	1.86	0.33
1853     3.12     2.12     0.29     2623     6.70     4.58     0.29     3145     3.37     2.38     0.33       1860     2.59     1.88     0.34     2651     2.62     1.91     0.34     3146     3.11     2.19     0.33       1924     3.53     2.55     0.34     2660     3.20     2.33     0.34     3169     3.96     2.80     0.33       1925     5.62     3.86     0.29     2670     2.40     1.80     0.39     3175D     6.11     4.28     0.33       2001     -     3.50     0.33     2683     2.13     1.55     0.34     3179     2.78     2.02     0.34       2002     7.86     5.74     0.34     2688     3.32     2.41     0.34     3180     4.32     3.14     0.34												
1860     2.59     1.88     0.34     2651     2.62     1.91     0.34     3146     3.11     2.19     0.33       1924     3.53     2.55     0.34     2660     3.20     2.33     0.34     3169     3.96     2.80     0.33       1925     5.62     3.86     0.29     2670     2.40     1.80     0.39     3175D     6.11     4.28     0.33       2001     -     3.50     0.33     2683     2.13     1.55     0.34     3179     2.78     2.02     0.34       2002     7.86     5.74     0.34     2688     3.32     2.41     0.34     3180     4.32     3.14     0.34												
1924     3.53     2.55     0.34     2660     3.20     2.33     0.34     3169     3.96     2.80     0.33       1925     5.62     3.86     0.29     2670     2.40     1.80     0.39     3175D     6.11     4.28     0.33       2001     -     3.50     0.33     2683     2.13     1.55     0.34     3179     2.78     2.02     0.34       2002     7.86     5.74     0.34     2688     3.32     2.41     0.34     3180     4.32     3.14     0.34												
1925     5.62     3.86     0.29     2670     2.40     1.80     0.39     3175D     6.11     4.28     0.33       2001     -     3.50     0.33     2683     2.13     1.55     0.34     3179     2.78     2.02     0.34       2002     7.86     5.74     0.34     2688     3.32     2.41     0.34     3180     4.32     3.14     0.34	1000	2.09	1.00	0.54	2001	2.02	1.51	0.54	3170	3.11	2.13	0.55
2001     -     3.50     0.33     2683     2.13     1.55     0.34     3179     2.78     2.02     0.34       2002     7.86     5.74     0.34     2688     3.32     2.41     0.34     3180     4.32     3.14     0.34												
2002 7.86 5.74 0.34 2688 3.32 2.41 0.34 3180 4.32 3.14 0.34												
2003 4.98 3.50 0.33 2701 13.38 8.71 0.27 3188 2.43 1.76 0.34	2002	7.86	5.74	0.34	2688	3.32	2.41	0.34	3180	4.32	3.14	0.34
	2003	4.98	3.50	0.33	2701	13.38	8.71	0.27	3188	2.43	1.76	0.34

 $<sup>^{\</sup>ast}\,$  Refer to the Footnotes Page for additional information on this class code.

Effective August 1, 2014

CLASS	LOSS		D	CLASS	Effective Aug	,	D	CLASS	LOSS		D
CODE	COST	ELR	RATIO	CODE	COST	ELR	RATIO	CODE	COST	ELR	RATIO
3220	3.19	2.25	0.33	3865	2.52	1.90	0.39	4511	0.73	0.50	0.29
3223	3.68	2.78	0.39	3881	5.92	4.16	0.33	4557	2.75	1.99	0.34
3224	4.48	3.25	0.34	4000	6.10	3.68	0.24	4558	1.98	1.40	0.33
3227	3.46	2.51	0.34	4021	6.84	4.46	0.27	4561	_	2.00	0.29
3240	4.06	2.95	0.34	4024D	5.72	3.72	0.27	4568	4.32	2.81	0.27
3241	4.25	2.99	0.33	4034	9.56	6.24	0.27	4581	1.86	1.12	0.24
3255	2.60	1.95	0.39	4036	2.98	1.95	0.27	4583	6.31	3.82	0.24
3257	4.93	3.49	0.33	4038	2.72	2.05	0.39	4611	1.70	1.24	0.34
3270	3.42	2.41	0.33	4053	3.38	2.39	0.33	4635	5.07	2.77	0.23
3300	6.01	4.24	0.33	4061	6.62	4.79	0.34	4653	2.46	1.79	0.34
3303	3.94	2.86	0.34	4062	2.43	1.71	0.33	4665	11.34	7.41	0.27
3307	5.24	3.69	0.33	4101	3.98	2.73	0.29	4670	8.54	5.59	0.27
3315	4.48	3.24	0.34	4109	1.64	1.19	0.34	4683	3.88	2.74	0.33
3334	4.96	3.48	0.33	4110	1.47	1.03	0.33	4686	5.00	3.27	0.27
3336	6.67	4.36	0.27	4111	2.95	2.14	0.34	4692	1.00	0.72	0.34
3365	10.58	6.89	0.27	4112	_	1.03	0.33	4693	1.07	0.76	0.33
3372	4.41	3.02	0.29	4113	2.68	1.89	0.33	4703	3.50	2.47	0.33
3373	7.70	5.43	0.33	4114	3.39	2.38	0.33	4717	2.35	1.76	0.39
3383X	1.66	1.20	0.34	4130	4.82	3.39	0.33	4720	6.17	4.36	0.33
3385	1.15	0.83	0.34	4131	5.15	3.74	0.34	4740	1.45	0.95	0.27
3400	3.93	2.69	0.29	4133	2.70	1.97	0.34	4741	3.80	2.70	0.33
3507	4.70	3.31	0.33	4149	1.70	1.28	0.39	4751	3.35	2.20	0.27
3515	2.82	1.99	0.33	4150	_	1.28	0.39	4771N	6.44	3.54	0.23
3516X	1.68	1.21	0.34	4206	4.91	3.46	0.33	4777	6.42	3.51	0.23
3548	2.38	1.67	0.33	4207	1.97	1.28	0.27	4825	0.92	0.60	0.27
3559	3.02	2.13	0.33	4239	2.83	1.84	0.27	4828	2.80	1.91	0.29
3561X	2.38	1.73	0.34	4240	3.40	2.47	0.34	4829	2.84	1.72	0.24
3574	1.24	0.90	0.34	4243	2.66	1.87	0.33	4902	3.29	2.38	0.34
3581	2.13	1.54	0.34	4244	3.85	2.71	0.33	4923	2.33	1.64	0.33
3612	3.25	2.22	0.29	4250	2.32	1.63	0.33	5020	6.56	4.27	0.27
3620	5.08	3.31	0.27	4251	3.31	2.33	0.33	5022	7.07	4.26	0.24
3629	1.86	1.35	0.34	4263	3.30	2.32	0.33	5037	22.28	12.09	0.23
3632	3.97	2.72	0.29	4273	3.47	2.45	0.33	5040	34.40	18.82	0.23
3634	2.27	1.65	0.34	4279	3.71	2.63	0.33	5057	14.20	7.71	0.23
3635	3.61	2.54	0.33	4282	3.80	2.74	0.34	5059	33.75	18.46	0.23
3638	2.26	1.64	0.34	4283	3.70	2.61	0.33	5069	42.49	23.03	0.23
3642	1.75	1.24	0.33	4299	2.57	1.86	0.34	5102	6.08	3.67	0.24
3643	2.32	1.63	0.33	4301X	3.95	2.85	0.34	5146	9.14	5.95	0.27
3647	3.75	2.57	0.29	4304	3.86	2.64	0.29	5160	3.15	1.90	0.25
3648	1.85	1.34	0.34	4307	2.23	1.68	0.39	5183	5.07	3.31	0.27
3681	1.31	0.96	0.34	4351	1.76	1.24	0.33	5188	4.33	2.82	0.27
3685	1.11	0.80	0.34	4352	1.62	1.18	0.34	5190	3.21	2.09	0.27
3719	1.83	1.00	0.23	4360	1.53	1.11	0.34	5191	1.11	0.78	0.33
3724	4.39	2.64	0.24	4361	1.19	0.86	0.34	5192	3.88	2.73	0.33
3726	6.25	3.40	0.23	4362	_	1.11	0.34	5213	11.38	6.88	0.24
3803	3.74	2.63	0.33	4410	7.67	5.39	0.33	5215	6.38	4.35	0.29
3807	3.23	2.35	0.34	4420	5.48	3.30	0.24	5221	6.84	4.46	0.27
3808	5.60	3.83	0.29	4431	2.11	1.58	0.39	5222	8.88	5.35	0.24
3821	5.17	3.54	0.29	4432	2.69	2.02	0.39	5223	4.82	3.14	0.27
3822	7.37	5.03	0.29	4439	2.92	2.00	0.29	5348	5.17	3.38	0.27
3824	6.51	4.46	0.29	4452	4.29	3.04	0.33	5402	5.06	3.66	0.34
3826	1.40	0.98	0.23	4459	3.15	2.23	0.33	5403	11.38	6.88	0.24
3827	2.44	1.67	0.29	4470	4.47	3.15	0.33	5437	8.18	5.33	0.27
3830	1.59	1.08	0.29	4484	3.92	2.76	0.33	5443	3.99	2.81	0.33
3851	5.18	3.76	0.34	4493	3.64	2.56	0.33	5445	6.55	3.95	0.24

 $<sup>^{\</sup>star}\,$  Refer to the Footnotes Page for additional information on this class code.

Effective August 1, 2014

01.100					Effective Aug	jaot 1, 201		01.100			
CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
5462	10.14	6.60	0.27	6854	5.96	3.26	0.23	7540	4.45	2.43	0.23
5472	12.53	6.82	0.23	6872F	12.44	5.08	0.18	7580	4.27	2.79	0.27
5473	9.99	5.44	0.23	6874F	13.77	5.65	0.18	7590	3.70	2.53	0.29
5474	7.35	4.44	0.24	6882	4.62	2.52	0.23	7600	3.16	2.06	0.27
5478	5.26	3.41	0.27	6884	4.19	2.28	0.23	7601	_	2.06	0.27
5479	8.10	5.53	0.29	7016M	3.65	1.98	0.23	7605	2.29	1.50	0.27
5480	7.23	4.36	0.24	7010M	4.05	2.20	0.23	7610	0.59	0.40	0.27
5491	2.51	1.52	0.24	7024W	4.48	2.45	0.23	7610	0.59	2.06	0.29
5506	9.01	4.93	0.24	7036M 7046M	7.44	4.04	0.23	7612	_	2.06	0.27
	4.25	2.57	0.23	7046W	6.35	3.27	0.23	7612	_	2.06	0.27
5507	4.20	2.57	0.24	7 047 IVI	0.33	3.21	0.23	7013	_	2.00	0.27
5508D	15.39	9.97	0.27	7050M	7.80	4.05	0.23	7705	6.67	4.56	0.29
5535	7.10	4.63	0.27	7090M	4.98	2.73	0.23	7710	5.17	3.14	0.24
5537	6.63	4.33	0.27	7098M	8.27	4.50	0.23	7711	5.17	3.14	0.24
5551	23.10	12.67	0.23	7099M	12.96	6.68	0.23	7720	3.29	2.15	0.27
5606	1.48	0.90	0.24	7133	5.47	3.29	0.24	7855	6.22	4.05	0.27
5040	0.70	0.00	0.00	745414	0.05	4.04	0.04	0004	0.07	4.04	0.04
5610	3.70	2.60	0.33	7151M	6.65	4.01	0.24	8001	2.67	1.94	0.34
5645	7.60	4.60	0.24	7152M	11.57	6.60	0.24	8002	2.82	2.00	0.33
5651		4.60	0.24	7153M	7.38	4.45	0.24	8006	2.29	1.62	0.33
5703	14.79	9.63	0.27	7222	6.28	4.08	0.27	8008	1.88	1.37	0.34
5705	11.23	7.37	0.27	7228	6.78	4.42	0.27	8010	1.84	1.33	0.34
5951	0.44	0.32	0.34	7229	10.49	6.34	0.24	8013	0.79	0.56	0.33
6003	18.90	12.39	0.27	7230	7.11	4.85	0.29	8015	0.92	0.65	0.33
6005	5.87	3.82	0.27	7231	12.68	8.65	0.29	8017	2.01	1.46	0.34
6045	4.32	2.80	0.27	7232	7.48	4.50	0.25	8018	2.31	1.68	0.34
6204	8.44	5.09	0.24	7309F	12.51	5.12	0.23	8021	3.21	2.27	0.33
0204	0.44	5.09	0.24	7309F	12.51	5.12	0.10	0021	3.21	2.21	0.33
6206	4.53	2.47	0.23	7313F	4.45	1.82	0.18	8031	2.71	1.92	0.33
6213	2.93	1.77	0.24	7317F	7.65	3.11	0.18	8032	2.40	1.74	0.34
6214	3.73	2.03	0.23	7327F	16.91	7.01	0.18	8033	3.08	2.18	0.33
6216	7.92	4.31	0.23	7333M	5.57	3.01	0.23	8037	2.01	1.46	0.34
6217	5.23	3.16	0.24	7335M	6.19	3.35	0.23	8039	2.24	1.63	0.34
0000	0.00	0.05	0.04	700714	0.70	4.07	0.00	00447	4.70	0.00	0.00
6229	3.88	2.35	0.24	7337M	9.70	4.97	0.23	8044X	4.73	3.23	0.29
6233	4.57	2.75	0.24	7350F	11.13	4.90	0.20	8045	0.87	0.63	0.34
6235	9.33	5.07	0.23	7360	5.17	3.37	0.27	8046	4.25	3.00	0.33
6236	11.46	7.46	0.27	7370	5.06	3.58	0.33	8047	1.18	0.86	0.34
6237	1.81	1.18	0.27	7380	5.93	4.05	0.29	8058	4.09	2.90	0.33
6251D	21.80	13.03	0.25	7382	4.87	3.44	0.33	8072	0.83	0.61	0.34
6252D	6.68	3.61	0.23	7390	11.06	7.80	0.33	8102	2.46	1.79	0.34
6260D	14.47	7.79	0.23	7394M	7.83	4.24	0.23	8103	4.56	3.12	0.29
6306	5.08	3.07	0.24	7395M	8.70	4.70	0.23	8105	4.50	3.26	0.34
6319	4.63	2.79	0.24	7398M	13.63	6.98	0.23	8106	5.89	3.84	0.27
								l			
6325	4.25	2.57	0.24	7402	0.24	0.17	0.33	8107	4.67	3.04	0.27
6400	6.99	4.78	0.29	7403	5.31	3.47	0.27	8111	3.47	2.44	0.33
6503	3.96	2.88	0.34	7405N	1.16	0.76	0.27	8116	3.36	2.37	0.33
6504	3.96	2.88	0.34	7420	19.59	10.56	0.24	8203	7.64	5.40	0.33
6702M*	7.56	4.93	0.27	7421	1.97	1.19	0.24	8204	4.23	2.76	0.27
6703M*	13.16	8.12	0.27	7422	2.81	1.52	0.23	8209	4.87	3.44	0.33
6704M*	8.40	5.47	0.27	7425	4.83	2.61	0.23	8215	5.37	3.52	0.27
6801F	5.70	2.63	0.26	7431N	2.14	1.16	0.23	8227	4.79	2.61	0.23
6811	7.00	4.55	0.20	7431N 7445N	0.62	1.10	0.23	8232	5.30	3.47	0.23
6824F	8.63	4.55 3.84	0.27	7445N 7453N	1.15	_	_	8233	5.84	3.47 3.79	0.27
0024F	0.03	3.04	0.20	7400N	1.10	_	_	0233	J.0 <del>4</del>	3.18	0.21
6826F	3.93	1.84	0.26	7502	3.07	2.01	0.27	8235	5.80	4.09	0.33
6834	4.97	3.39	0.29	7515	1.17	0.64	0.23	8263	8.89	6.08	0.29
6836	4.74	3.10	0.27	7520	6.98	4.92	0.33	8264	6.82	4.45	0.27
6843F	11.83	4.83	0.18	7538	5.55	3.02	0.23	8265	5.06	3.06	0.24
6845F	9.29	3.80	0.18	7539	1.82	1.10	0.24	8279	6.26	3.80	0.24

<sup>\*</sup> Refer to the Footnotes Page for additional information on this class code.

Effective August 1, 2014

					Effective Aug	gust 1, 201					
CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
8288	8.18	5.37	0.27	8901	0.22	0.15	0.29				
8291	6.50	4.46	0.29	9012	1.45	1.00	0.29				
8292	6.70	4.73	0.33	9014	3.63	2.56	0.33				
8293	13.48	8.79	0.27	9015	4.20	2.96	0.33				
8304	7.77	5.07	0.27	9016	6.15	4.33	0.33				
0001		0.07	0.27	0010	0.10	1.00	0.00				
8350X	5.65	3.41	0.24	9019	2.39	1.56	0.27				
8381X	2.99	2.05	0.24	9033X	3.55	2.50	0.27				
8385	3.61	2.36	0.27	9040	4.29	3.12	0.34				
8387X	3.97	2.71	0.29	9047X	3.95	2.79	0.33				
8391X	3.13	2.14	0.29	9052	3.28	2.39	0.34				
0000	0.00	4.07	0.00	0050	0.04	4.00	0.00				
8392	2.80	1.97	0.33	9058	2.24	1.69	0.39				
8393X	2.96	2.08	0.33	9059	_	0.86	0.34				
8500	6.30	4.12	0.27	9060	1.88	1.36	0.34				
8601	0.52	0.36	0.29	9061	1.46	1.10	0.39				
8602	0.55	0.37	0.29	9063	1.14	0.83	0.34				
8603	0.20	0.14	0.33	9077F	2.46	1.18	0.31				
8606	4.34	2.62	0.24	9082	2.10	1.58	0.39				
8709F	4.36	1.79	0.18	9083	2.12	1.59	0.39				
8719	4.59	2.50	0.23	9084	1.90	1.34	0.33				
8720	1.41	0.92	0.27	9088a	а	а	а				
8721	0.61	0.40	0.27	9089	1.44	1.05	0.34				
8723	0.21	0.15	0.33	9093	1.76	1.28	0.34				
8725	1.62	1.06	0.27	9101	4.10	2.97	0.34				
8726F	2.86	1.34	0.26	9102	4.31	3.05	0.33				
8734M	0.47	0.31	0.27	9154	2.30	1.62	0.33				
0734101	0.47	0.51	0.27	9104	2.30	1.02	0.55				
070714	0.42	0.00	0.07	0456	2.02	2.00	0.20				
8737M	0.43	0.28	0.27	9156	3.03	2.08	0.29				
8738M	0.74	0.46	0.27	9170	7.11	3.89	0.23				
8742	0.35	0.23	0.27	9178	6.85	5.17	0.39				
8745	4.06	2.78	0.29	9179	7.53	5.46	0.34				
8748	1.19	0.81	0.29	9180	5.55	3.65	0.27				
8754X	0.88	0.62	0.33	9182	1.99	1.41	0.33				
8755	0.43	0.28	0.27	9186	20.16	12.16	0.24				
8799	1.00	0.70	0.33	9220	5.22	3.57	0.29				
8800	1.28	0.97	0.39	9402	5.29	3.44	0.27				
8803	0.11	0.07	0.27	9403	7.41	4.49	0.24				
8805M	0.28	0.20	0.33	9410	3.69	2.60	0.33				
8810	0.21	0.15	0.33	9501	4.41	3.02	0.29	I			
8814M	0.26	0.18	0.33	9505	3.87	2.65	0.29				
8815M	0.44	0.30	0.33	9516	3.91	2.55	0.27				
8820	0.21	0.15	0.29	9519	3.37	2.20	0.27				
0020	0.21	0.10	0.20	55.5	0.07	2.20	0.27				
8824	4.13	2.99	0.34	9521	6.04	3.94	0.27				
8825	2.04	1.53	0.34	9522	2.29	1.62	0.27				
8826	3.22	2.27	0.39	9522	5.62	3.39	0.33				
8831	1.45	1.03	0.33	9554	8.54	5.16	0.24	I			
8832	0.35	0.25	0.33	9586	0.73	0.55	0.39				
0000	4 54	4.00	0.00	0000	0.04	0.05	0.04				
8833	1.51	1.06	0.33	9600	3.24	2.35	0.34				
8835	3.30	2.32	0.33	9620	0.89	0.61	0.29	I			
8841X	2.80	1.91	0.29					I			
8842	2.23	1.58	0.33								
8855	0.21	0.15	0.33								
								I			
8856	0.21	0.15	0.33								
8864	1.71	1.21	0.33								
8868	0.34	0.25	0.34								
8869	1.18	0.86	0.34								
8871	0.19	0.14	0.34								

<sup>\*</sup> Refer to the Footnotes Page for additional information on this class code.

#### **FOOTNOTES**

- a Advisory loss cost for each individual risk must be obtained from NCCI Customer Service or the Rating Organization having jurisdiction.
- D Advisory loss cost for classification already includes the specific disease loading shown in the table below. See **Basic Manual** Rule 3-A-7.

	Disease			Disease		Disease		
Code No.	Loading	Symbol	Code No.	Loading	Symbol	Code No.	Loading	Symbol
0059D	0.28	S	1710D	0.03	S	3175D	0.04	S
0065D	0.05	S	1741D	0.34	S	4024D	0.03	S
0066D	0.05	S	1803D	0.27	S	5508D	0.05	S
0067D	0.05	S	1852D	0.07	Asb	6251D	0.09	S
1164D	0.04	S	3081D	0.06	S	6252D	0.03	S
1165D	0.03	S	3082D	0.09	S	6260D	0.06	S
1624D	0.01	S	3085D	0.08	S			

Asb=Asbestos, S=Silica

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

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

#### \* Class Codes with Specific Footnotes

- 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 2.115 and elr x 2.005.
- Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way no work on elevated railroads. Otherwise, assign appropriate construction or erection class loss cost and elr each x 1.35.

Effective August 1, 2014

#### **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:

	Advisory Loss Elimination Ratios											
Deductible	HAZARD GROUP											
Amount	Α	В	С	D	E	F	G					
\$250	3.3%	2.4%	2.1%	1.7%	1.5%	1.0%	0.8%					
\$500	6.0%	4.6%	3.9%	3.3%	2.8%	2.0%	1.5%					
\$1,000	9.7%	7.6%	6.6%	5.6%	4.8%	3.5%	2.7%					
\$2,500	16.1%	12.9%	11.4%	9.9%	8.6%	6.6%	5.2%					
\$5,000	23.0%	18.7%	16.8%	14.9%	13.0%	10.3%	8.2%					

Note: These percentages do not include a safety factor and do not reflect the premium reductions to be applied to policy premium.

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

Employee operated vehicle	\$69,000 \$46,000
Catastrophe (other than Certified Acts of Terrorism) - (Advisory Loss Cost)	0.01
Maximum Payroll applicable in accordance with <i>Basic Manual</i> Rule 2-E-1 "Executive Officers" and <i>Basic Manual</i> footnote instructions for Code 9178 "Athletic Sports or Park: Non-Contact Sports," and Code 9179 "Athletic Sports or Park: Contact Sports"	\$3,500
Minimum Payroll applicable in accordance with Basic Manual Rule 2-E-1 "Executive Officers"	\$900
Per Passenger Seat Surcharge - In accordance with Basic Manual footnote instructions for Code 7421, the surcharge is:	#4.000
Maximum surcharge per aircraft.  Per passenger seat.	\$1,000 \$100
Terrorism - (Advisory Loss Cost)	0.01
United States Longshore and Harbor Workers' Compensation Coverage Percentage applicable only in connection with <i>Basic Manual</i> Rule 3-A-4	62%

(Multiply a Non-F classification loss cost by a factor of 1.62 to adjust for differences in benefits and loss-based expenses. This factor is the product of the adjustment for differences in benefits (1.52) 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 \$10,000. If more than two years, an average annual premium of at least \$5,000 is required. The *Experience Rating Plan Manual* should be referenced for the latest approved eligibility amounts by state.

# Effective August 1, 2014 TABLE OF WEIGHTING VALUES

# APPLICABLE TO ALL POLICIES

Experience Rating Program - ERA Weighting **Expected** Weighting Expected Losses **Values** Losses **Values** 0 --1.958 0.04 1.104.132 --1.165.035 0.44 1,959 7,915 0.05 1,165,036 --1,229,465 0.45 7,916 14,000 0.06 1,229,466 --1,297,737 0.46 --14.001 20.216 0.07 1.297.738 --1.370.206 0.47 20,217 26,568 0.08 1,370,207 1,447,272 0.48 26.569 --44.437 0.09 1.447.273 --1.529.387 0.49 44,438 --66,147 0.10 1,529,388 --1,617,066 0.50 66,148 --85,457 0.11 1,617,067 --1,710,894 0.51 85.458 --104.259 1.710.895 --0.52 0.12 1.811.542 104,260 --123,064 0.13 1,811,543 --1,919,783 0.53 123.065 --0.14 0.54 142,100 1,919,784 --2,036,510 142,101 --161,496 0.15 2,036,511 --0.55 2,162,763 161,497 --181,341 0.16 2,162,764 ---2,299,757 0.56 181,342 2,299,758 201,700 0.17 2,448,925 0.57 201,701 222,627 0.18 2,448,926 2,611,966 0.58 222,628 --244,173 0.19 2,611,967 --2,790,910 0.59 244,174 266,384 0.20 2,790,911 --2,988,204 0.60 266,385 289,306 0.21 2,988,205 3,206,824 0.61 289,307 312,984 0.22 3,206,825 3,450,426 0.62 312,985 337,466 0.23 3,450,427 3,723,553 0.63 0.24 0.64 337,467 --362,801 3,723,554 --4,031,918 362.802 --0.25 4,031,919 --389.041 4.382.814 0.65 389,042 --416,239 0.26 4,382,815 --4,785,690 0.66 5,253,024 416,240 --4,785,691 --444,453 0.27 0.67 444,454 473,746 0.28 5,253,025 --5,801,629 0.68 473.747 ---504.184 0.29 5,801,630 --6,454,727 0.69 504,185 --535.838 0.30 6,454,728 --7.245.315 0.70 535,839 568,784 0.31 7,245,316 --8,221,920 0.71 568,785 --603,106 0.32 8,221,921 --9,458,948 0.72 603.107 --9,458,949 --11.076.595 638,895 0.33 0.73 0.34 0.74 638,896 --676,246 11,076,596 --13,282,472 0.35 676,247 715,268 13,282,473 --0.75 16,468,732 715,269 756,076 0.36 16,468,733 --21,475,704 0.76 756,077 798,796 0.37 21,475,705 --30,488,242 0.77 798,797 --0.38 30,488,243 --843,568 51,517,481 0.78 843,569 --890,545 0.39 51,517,482 --156,663,627 0.79 890,546 --939,894 0.40 156,663,628 AND OVER 0.80 939,895 991,801 0.41 991,802 1,046,471 0.42 1,046,472 --0.43 1,104,131 9.35 \$234,000 \$468,000 \$636,500 \$1,273,000 \$55,000 \$13,500 1.53 (Multiply a Non-F classification ELR by the USL&HW Act - Expected Loss Factor of 1.53.)

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# Effective August 1, 2014 TABLE OF BALLAST VALUES APPLICABLE TO ALL POLICIES

Experience Rating Plan - ERA

Expected	Ballast	Expected	Ballast	Expected	Ballast
Losses	Values	Losses	Values	Losses	Values
					1 41 40 0
0 50,292	23,375	1,613,820 1,660,542	187,000	3,249,595 3,296,338	350,625
50,293 86,557	28,050	1,660,543 1,707,267	191,675	3,296,339 3,343,081	355,300
86,558 128,226	32,725	1,707,268 1,753,993	196,350	3,343,082 3,389,825	359,975
128,227 172,184	37,400	1,753,994 1,800,721	201,025	3,389,826 3,436,569	364,650
172,185 217,212	42,075	1,800,722 1,847,450	205,700	3,436,570 3,483,313	369,325
217,213 262,804	46,750	1,847,451 1,894,179	210,375	3,483,314 3,530,057	374,000
262,805 308,727	51,425	1,894,180 1,940,910	215,050	3,530,058 3,576,801	378,675
308,728 354,858	56,100	1,940,911 1,987,642	219,725	3,576,802 3,623,546	383,350
354,859 401,127	60,775	1,987,643 2,034,374	224,400	3,623,547 3,670,291	388,025
401,128 447,494	65,450	2,034,375 2,081,107	229,075	3,670,292 3,717,035	392,700
447,495 493,931	70,125	2,081,108 2,127,841	233,750	3,717,036 3,763,780	397,375
493,932 540,422	74,800	2,127,842 2,174,576	238,425	3,763,781 3,810,525	402,050
540,423 586,952	79,475	2,174,577 2,221,311	243,100	3,810,526 3,857,270	406,725
586,953 633,515	84,150	2,221,312 2,268,047	247,775	3,857,271 3,904,016	411,400
633,516 680,103	88,825	2,268,048 2,314,784	252,450	3,904,017 3,950,761	416,075
680,104 726,711	93,500	2,314,785 2,361,521	257,125	3,950,762 3,997,507	420,750
726,712 773,336	98,175	2,361,522 2,408,258	261,800	3,997,508 4,044,252	425,425
773,337 819,976	102,850	2,408,259 2,454,996	266,475	4,044,253 4,090,998	430,100
819,977 866,627	107,525	2,454,997 2,501,734	271,150	4,090,999 4,137,744	434,775
866,628 913,288	112,200	2,501,735 2,548,473	275,825	4,137,745 4,184,490	439,450
913.289 959.957	116,875	2,548,474 2,595,213	280,500	4,184,491 4,231,236	444 405
,	121,550	2,548,474 2,595,213 2,595,214 2,641,952	280,500	4,184,491 4,231,236 4,231,237 4,277,982	444,125 448,800
	126,225				
1,006,635 1,053,318 1,053,319 1,100,007	130,900	2,641,953 2,688,692 2,688,693 2,735,432	289,850 294,525	4,277,983 4,324,728 4,324,729 4,371,474	453,475 458,150
1,100,008 1,146,701	135,575	2,735,433 2,782,173	294,525	4,371,475 4,418,220	462,825
1,100,008 1,140,701	133,373	2,735,435 2,762,173	299,200	4,371,475 4,410,220	402,023
1,146,702 1,193,399	140,250	2,782,174 2,828,914	303,875	4,418,221 4,464,625	467,500
1,193,400 1,240,102	144,925	2,828,915 2,875,655	308,550	4,410,221 4,404,023	407,500
1,240,103 1,286,807	149,600	2,875,656 2,922,397	313,225		
1,286,808 1,333,516	154,275	2,922,398 2,969,139	317,900		
1,333,517 1,380,228	158,950	2,969,140 3,015,881	322,575		
1,000,220	100,000	2,000,110 0,010,001	022,070		
1,380,229 1,426,942	163,625	3,015,882 3,062,623	327,250		
1,426,943 1,473,658	168,300	3,062,624 3,109,365	331,925		
1,473,659 1,520,376	172,975	3,109,366 3,156,108	336,600		
1,520,377 1,567,097	177,650	3,156,109 3,202,851	341,275		
1,567,098 1,613,819	182,325	3,202,852 3,249,594	345,950		

For Expected Losses greater than \$4,464,625, the Ballast Value can be calculated using the following formula (rounded to the nearest 1):

Ballast = (0.10)(Expected Losses) + 2500(Expected Losses)(9.35) / (Expected Losses + (700)(9.35))

G = 9.35

**Hazard Group Differentials** 

A B C D E 1.88 1.42 1.26 1.14 0.98 0.80 0.63

# 2013 Table of Expected Loss Ranges Effective January 1, 2013

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

Per Accident	Hazard Groups						
<u>Limitation</u>	Α	В	С	D .	E	F	G
\$10,000	0.572	0.619	0.639	0.659	0.681	0.711	0.736
\$15,000	0.518	0.570	0.593	0.616	0.642	0.676	0.706
\$20,000	0.477	0.532	0.556	0.581	0.610	0.647	0.682
\$25,000	0.443	0.499	0.525	0.552	0.583	0.623	0.661
\$30,000	0.414	0.471	0.498	0.526	0.559	0.601	0.642
\$35,000	0.389	0.447	0.475	0.503	0.537	0.582	0.625
\$40,000	0.367	0.425	0.454	0.483	0.518	0.564	0.610
\$50,000	0.332	0.388	0.417	0.447	0.485	0.533	0.582
\$75,000	0.271	0.322	0.351	0.381	0.421	0.473	0.527
\$100,000	0.231	0.277	0.305	0.335	0.374	0.427	0.484
\$125,000	0.202	0.244	0.271	0.299	0.338	0.390	0.449
\$150,000	0.181	0.220	0.245	0.272	0.309	0.361	0.420
\$175,000	0.163	0.199	0.224	0.249	0.285	0.336	0.395
\$200,000	0.149	0.183	0.206	0.230	0.265	0.314	0.373
\$225,000	0.137	0.169	0.191	0.214	0.247	0.295	0.354
\$250,000	0.129	0.158	0.180	0.202	0.233	0.280	0.338
\$275,000	0.120	0.148	0.169	0.190	0.220	0.265	0.323
\$300,000	0.113	0.139	0.160	0.180	0.209	0.252	0.309
\$325,000	0.107	0.132	0.152	0.170	0.199	0.241	0.297
\$350,000	0.102	0.125	0.144	0.162	0.190	0.231	0.286
\$375,000	0.097	0.119	0.138	0.155	0.182	0.221	0.276
\$400,000	0.092	0.114	0.132	0.149	0.174	0.213	0.267
\$425,000	0.089	0.109	0.127	0.143	0.168	0.205	0.259
\$450,000	0.085	0.105	0.122	0.138	0.162	0.198	0.251
\$475,000	0.082	0.101	0.118	0.133	0.156	0.192	0.244
\$500,000	0.079	0.097	0.114	0.129	0.151	0.186	0.238
\$600,000	0.069	0.085	0.101	0.114	0.134	0.166	0.215
\$700,000	0.062	0.076	0.091	0.103	0.121	0.151	0.198
\$800,000	0.057	0.070	0.084	0.095	0.112	0.140	0.185
\$900,000	0.053	0.065	0.077	0.087	0.104	0.130	0.173
\$1,000,000	0.049	0.060	0.072	0.081	0.097	0.121	0.163
\$2,000,000	0.029	0.037	0.045	0.051	0.061	0.077	0.109
\$3,000,000	0.021	0.027	0.033	0.038	0.046	0.059	0.085
\$4,000,000	0.016	0.021	0.027	0.031	0.038	0.049	0.071
\$5,000,000	0.013	0.017	0.022	0.026	0.032	0.041	0.062
\$6,000,000	0.011	0.014	0.018	0.021	0.026	0.035	0.053
\$7,000,000	0.009	0.012	0.016	0.018	0.023	0.031	0.048
\$8,000,000	0.008	0.010	0.014	0.016	0.020	0.028	0.043
\$9,000,000	0.007	0.009	0.012	0.015	0.018	0.025	0.039
\$10,000,000	0.007	0.009	0.011	0.013	0.017	0.023	0.036

#### Excess Loss and Allocated Expense Pure Premium Factors

(Applicable to New and Renewal Policies)

Per Accident			н	lazard Group	s		
Limitation	Α	В	С	D .	E	F	G
\$10,000	0.663	0.713	0.734	0.755	0.778	0.808	0.833
\$15,000	0.608	0.663	0.687	0.711	0.738	0.773	0.804
\$20,000	0.564	0.623	0.649	0.675	0.705	0.744	0.779
\$25,000	0.529	0.589	0.617	0.645	0.677	0.719	0.758
\$30,000	0.498	0.560	0.589	0.618	0.653	0.697	0.739
\$35,000	0.472	0.534	0.564	0.594	0.631	0.677	0.722
\$40,000	0.448	0.511	0.542	0.573	0.611	0.659	0.706
\$50,000	0.410	0.472	0.503	0.536	0.576	0.627	0.678
\$75,000	0.340	0.399	0.431	0.465	0.508	0.564	0.621
\$100,000	0.293	0.347	0.379	0.412	0.456	0.514	0.575
\$125,000	0.258	0.308	0.339	0.372	0.415	0.474	0.537
\$150,000	0.232	0.278	0.308	0.340	0.382	0.441	0.505
\$175,000	0.210	0.254	0.283	0.313	0.354	0.412	0.477
\$200,000	0.192	0.233	0.261	0.290	0.330	0.387	0.452
\$225,000	0.177	0.216	0.243	0.270	0.309	0.365	0.430
\$250,000	0.166	0.202	0.228	0.255	0.292	0.346	0.411
\$275,000	0.156	0.190	0.215	0.240	0.276	0.329	0.394
\$300,000	0.146	0.179	0.203	0.227	0.262	0.314	0.378
\$325,000	0.139	0.169	0.193	0.216	0.250	0.300	0.364
\$350,000	0.132	0.161	0.184	0.206	0.239	0.288	0.351
\$375,000	0.125	0.153	0.176	0.197	0.229	0.276	0.339
\$400,000	0.120	0.147	0.168	0.189	0.220	0.266	0.328
\$425,000	0.115	0.140	0.162	0.182	0.211	0.257	0.318
\$450,000	0.110	0.135	0.156	0.175	0.204	0.248	0.309
\$475,000	0.106	0.130	0.150	0.169	0.197	0.240	0.300
\$500,000	0.102	0.125	0.145	0.163	0.191	0.233	0.292
\$600,000	0.089	0.110	0.128	0.145	0.170	0.208	0.265
\$700,000	0.080	0.098	0.116	0.130	0.153	0.189	0.244
\$800,000	0.074	0.090	0.107	0.120	0.142	0.175	0.228
\$900,000	0.068	0.083	0.098	0.111	0.131	0.163	0.214
\$1,000,000	0.063	0.077	0.092	0.103	0.122	0.152	0.202
\$2,000,000	0.038	0.047	0.057	0.064	0.077	0.097	0.135
\$3,000,000	0.028	0.035	0.043	0.049	0.059	0.074	0.106
\$4,000,000	0.022	0.027	0.035	0.039	0.048	0.061	0.089
\$5,000,000	0.018	0.023	0.029	0.033	0.040	0.052	0.077
\$6,000,000	0.014	0.018	0.024	0.028	0.034	0.045	0.067
\$7,000,000	0.012	0.016	0.021	0.024	0.030	0.040	0.060
\$8,000,000	0.011	0.014	0.018	0.021	0.027	0.036	0.055
\$9,000,000	0.010	0.012	0.016	0.019	0.024	0.032	0.050
\$10,000,000	0.009	0.011	0.015	0.017	0.022	0.029	0.046

#### . Retrospective Pure Premium Development Factors

With Loss Limit			Without Loss Limit				
1st	2nd	3rd	4th	1st	2nd	3rd	4th
<u>Adj.</u>	<u>Adj.</u>	<u>Adj.</u>	<u>Adj.</u>	<u>Adj.</u>	<u>Adj.</u>	<u>Adj.</u>	Adj.
0.10	0.04	0.04	0.02	0.27	0.10	0.10	0.05

# (NECI)

#### RHODE ISLAND

# **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

#### **NCCI KEY CONTACTS**

Laura Backus Hall, CPCU
State Relations Executive
Regulatory Services Division
National Council on Compensation Insurance, Inc. (NCCI)
1493 Maple Hill Road
Plainfield, VT 05667
Phone (802) 454-1800 Fax (802) 454-1802

Karen Ayres, FCAS, MAAA
Director and Actuary
Actuarial and Economic Services Division
National Council on Compensation Insurance, Inc. (NCCI)
111 River Street, Suite 1202
Hoboken, NJ 07030
Phone (201) 386-2636 Fax (561) 893-5739

James Crumel
Affiliate Service Executive
Customer Operations Division
National Council on Compensation Insurance, Inc. (NCCI)
890 Hill Roost Road
Tallahassee, FL 32312
Phone (850) 425-1127 Fax (561) 893-5173

All NCCI employees can be contacted via e-mail using the following format:

First Name\_Last Name@NCCI.com



#### **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

#### **AFFILIATE LIST**

ACADIA INSURANCE COMPANY ACCIDENT FUND GENERAL INS CO ACCIDENT FUND INS CO OF AMERICA ACCIDENT FUND NATIONAL INS CO ACE AMERICAN INSURANCE COMPANY

ACE FIRE UNDERWRITERS INSURANCE COMPANY ACE PROPERTY & CASUALTY INSURANCE COMPANY

ACIG INS CO

ADVANTAGE WC INSURANCE CO

AIU INSURANCE CO (NATIONAL UNION FIRE OF PITTS PA)

ALLMERICA FINANCIAL ALLIANCE INS CO ALLMERICA FINANCIAL BENEFIT INS CO

AMERICAN ALTERNATIVE INSURANCE CORPORATION AMERICAN AUTOMOBILE INSURANCE CO AMERICAN CASUALTY COMPANY OF READING PA

AMERICAN COMPENSATION INS CO

AMERICAN FAMILY HOME INS CO AMERICAN FIRE AND CASUALTY CO

AMERICAN GUARANTEE AND LIABILITY INS CO

AMERICAN HOME ASSUR CO-NATIONAL UNION FIRE OF PIT

AMERICAN INS CO

AMERICAN INTERSTATE INS CO AMERICAN MINING INS CO AMERICAN MODERN HOME INS CO AMERICAN ZURICH INS CO AMERISURE INS CO

AMERISURE MUTUAL INS CO AMERISURE PARTNERS INS CO

AMGUARD INS CO ARBELLA INDEMNITY INS CO ARBELLA PROTECTION INS CO ARCH INSURANCE COMPANY

ARGONAUT GREAT CENTRAL INS CO

ARGONAUT INS CO

ARGONAUT MIDWEST INS CO ARROW MUTUAL LIABILITY INS CO ASSOCIATED INDEMNITY CORP

ASSUCIATED INDEMNITY CORP
ASSURANCE COMPANY OF AMERICA
ATLANTIC SPECIALTY INS CO (ONEBEACON)
BANKERS STANDARD INS CO
BEACON MUTUAL INS CO BENCHMARK INSURANCE COMPANY BERKLEY NATIONAL INSURANCE COMPANY BERKLEY REGIONAL INS CO

BERKSHIRE HATHAWAY HOMESTATE INS CO BITUMINOUS CASUALTY CORP

BROTHERHOOD MUTUAL INS CO CALIFORNIA INSURANCE COMPANY CAMDEN FIRE INS ASSN
CAROLINA CASUALTY INS CO
CASTLEPOINT NATIONAL INS CO CHARTER OAK FIRE INS CO CHARTIS CASUALTY COMPANY

CHARTIS PROPERTY CASUALTY COMPANY

CHUBB INDEMNITY INS CO CHUBB NATIONAL INS CO CHURCH MUTUAL INS CO CINCINNATI CASUALTY COMPANY CINCINNATI INDEMNITY COMPANY

CINCINNATI INS CO
CITIZENS INS CO OF AMERICA
COLONIAL AMERICAN CASUALTY & SURETY CO
COMMERCE AND INDUSTRY INS CO COMPANION COMMERCIAL INS CO

COMPANION PROPERTY AND CASUALTY INS CO

CONTINENTAL CASUALTY CO CONTINENTAL INDEMNITY CO CONTINENTAL INS CO

CRUM AND FORSTER INDEMNITY CO DALLAS NATIONAL INSURANCE COMPANY DISCOVER PROPERTY & CASUALTY INS CO DORCHESTER MUTUAL INSURANCE COMPANY

EASTGUARD INS CO ELECTRIC INS CO EMCASCO INS CO

EMPLOYERS ASSURANCE COMPANY EMPLOYERS FIRE INSURANCE COMPANY EMPLOYERS INS CO OF WAUSAU EMPLOYERS MUTUAL CASUALTY CO EMPLOYERS PREFERRED INS CO EVEREST NATIONAL INS CO EVEREST REINSURANCE CO DIRECT EXCELSIOR INSURANCE COMPANY

EXECUTIVE RISK INDEMNITY INC FARMINGTON CASUALTY COMPANY FEDERAL INSURANCE COMPANY FEDERATED MUTUAL INS CO

FIDELITY & DEPOSIT COMPANY OF MARYLAND FIDELITY & GUARANTY INS UNDERWRITERS FIDELITY & GUARANTY INSURANCE CO FIREMANS FUND INSURANCE CO FIREMENS INS CO OF WASHINGTON DC

FIRST LIBERTY INS CORP FIRSTCOMP INSURANCE CO FITCHBURG MUTUAL INS CO FLORISTS MUTUAL INSURANCE CO

FOREMOST INS CO GRAND RAPIDS MICHIGAN

FOREMOST PROPERTY & CAS INS FOREMOST SIGNATURE INS CO FRANK WINSTON CRUM INSURANCE CO GENERAL CASUALTY COMPANY OF WISCONSIN

GENERAL INS CO OF AMERICA

GENESIS INS CO

GRANITE STATE INSURANCE COMPANY GRAPHIC ARTS MUTUAL INS CO GREAT AMERICAN ALLIANCE INS CO GREAT AMERICAN ASSURANCE COMPANY GREAT AMERICAN INS CO OF NY GREAT AMERICAN INSURANCE COMPANY GREAT DIVIDE INSURANCE COMPANY GREAT NORTHERN INS CO GREAT WEST CASUALTY COMPANY

GREATER NY MUTUAL INS CO GREENWICH INS CO GUIDEONE MUTUAL INS CO HANOVER AMERICAN INS CO

HANOVER INS CO

HARLEYSVILLE INSURANCE COMPANY HARLEYSVILLE PREFERRED INSURANCE CO HARLEYSVILLE WORCESTER INSURANCE CO HARTFORD ACCIDENT AND INDEMNITY CO HARTFORD CASUALTY INS CO

HARTFORD FIRE INSURANCE CO HARTFORD FIRE INSURANCE CO HARTFORD INS CO OF IL HARTFORD INS CO OF THE SOUTHEAST HARTFORD UNDERWRITERS INS CO HDI GERLING AMERICA INSURANCE COMPANY ILLINOIS NATIONAL INSURANCE COMPANY IMPERIUM INSURANCE COMPANY

INDEMNITY INS CO OF N AMERICA (INA INS) (CT GEN)

INS CO OF GREATER NY INS CO OF NORTH AMERICA INS CO OF THE STATE PA INS CO OF THE WEST
LIBERTY INS CORP
LIBERTY INSURANCE UNDERWRITERS INC

LIBERTY MUTUAL FIRE INS CO LIBERTY MUTUAL INS CO

LM INS CORP

LUMBERMENS UNDERWRITING ALLIANCE

MA BAY INS CO

MAIN STREET AMERICA ASSURANCE CO MANUFACTURERS ALLIANCE INS CO MARKEL INSURANCE CO

MARYLAND CASUALTY COMPANY MEMIC INDEMNITY CO MERCHANTS MUTUAL INS CO

MERCHANTS PREFERRED INSURANCE COMPANY MERIDIAN CITIZENS MUTUAL INSURANCE CO



#### **WORKERS COMPENSATION FILING - AUGUST 1, 2014**

#### **AFFILIATE LIST**

MERIDIAN SECURITY INSURANCE COMPANY

MIDDLESEX INS CO

MIDWEST EMPLOYERS CASUALTY CO MILBANK INSURANCE COMPANY MITSUI SUMITOMO INS CO OF AMERICA MITSUI SUMITOMO INS USA INC

MOTORISTS COMMERCIAL MUTUAL INSURANCE COMPANY

MOUNTAIN VALLEY INDEMNITY CO NATIONAL AMERICAN INS CO NATIONAL CASUALTY CO NATIONAL FIRE INS CO OF HARTFORD

NATIONAL INTERSTATE INS CO

NATIONAL SURETY CORP

NATIONAL UNION FIRE INS CO OF PITTSBURG PA

NATIONWIDE AGRIBUSINESS INS CO NATIONWIDE GENERAL INSURANCE CO NATIONWIDE MUTUAL FIRE INS CO NATIONWIDE MUTUAL INS CO NETHERLANDS INSURANCE COMPANY NEW HAMPSHIRE INSURANCE COMPANY

NEW YORK MARINE AND GENERAL INSURANCE CO

NGM INSURANCE COMPANY

NIPPONKOA INS CO LIMITED (US BRANCH) NORFOLK AND DEDHAM MUTUAL FIRE INS CO

NORGUARD INS CO

NORTH AMERICAN ELITE INSURANCE CO NORTH AMERICAN SPECIALTY INS CO NORTH POINTE INS CO

NORTH RIVER INS CO NORTHERN ASSURANCE CO OF AMERICA

NORTHERN INSURANCE CO OF N Y

NOVA CASUALTY COMPANY OBI NATIONAL INSURANCE COMPANY

OH CASUALTY INS CO OHIO SECURITY INS CO

OLD REPUBLIC GENERAL INSURANCE CORPORATION

OLD REPUBLIC INS CO ONEBEACON AMERICA INS CO ONEBEACON INSURANCE COMPANY PA MANUFACTURERS ASSN INS CO PA MANUFACTURERS INDEMNITY CO PA NATIONAL MUTUAL CAS INS CO PACIFIC EMPLOYERS INS CO PACIFIC INDEMNITY CO PATRONS MUTUAL INS CO OF CT PEERLESS INDEMNITY INS CO

PENN MILLERS INS CO

PENNSYLVANIA INSURANCE COMPANY PETROLEUM CASUALTY CO

PEERLESS INSURANCE COMPANY

PHARMACISTS MUTUAL INS CO PHENIX MUTUAL FIRE INS CO

PHOENIX INS CO

PLAZA INSURANCE CO

PRAETORIAN INSURANCE COMPANY PREFERRED PROFESSIONAL INSURANCE COMPANY

PROPERTY AND CASUALTY INS CO OF HARTFORD

PROTECTIVE INS CO

PUBLIC SERVICE INSURANCE COMPANY QBE INSURANCE CORPORATION
REGENT INSURANCE COMPANY
REPUBLIC FRANKLIN INS CO
REPUBLIC INDEMNITY CO OF CA

REPUBLIC INDEMNITY COMPANY OF AMERICA

RIVERPORT INSURANCE COMPANY RLI INSURANCE COMPANY SAFECO INS CO OF AMERICA

SAFETY FIRST INS CO

SAFETY NATIONAL CASUALTY CORP

SAGAMORE INSURANCE CO

SAMSUNG FIRE AND MARINE INS CO LTD USB

SAVERS PROPERTY & CASUALTY INS CO

SEABRIGHT INSURANCE CO

SELECTIVE INS CO OF SC

SELECTIVE INS CO OF THE SOUTHEAST

SELECTIVE INSURANCE COMPANY OF AMERICA

SELECTIVE WAY INS CO SENTINEL INS CO SENTRY CASUALTY CO

SENTRY INSURANCE A MUTUAL CO SENTRY SELECT INSURANCE COMPANY SOMPO JAPAN INSURANCE CO OF AMERICA

SPARTA INSURANCE COMPANY ST PAUL FIRE AND MARINE INS CO ST PAUL GUARDIAN INS CO ST PAUL MERCURY INS CO ST PAUL PROTECTIVE INS CO

STANDARD FIRE INSURANCE COMPANY

STAR INS CO

STARNET INSURANCE COMPANY STARR INDEMNITY AND LIABILITY CO

STATE AUTO PROPERTY AND CASUALTY INS CO STATE AUTOMOBILE MUTUAL INS CO STATE NATIONAL INSURANCE COMPANY STONEWOOD NATIONAL INSURANCE CO

STONINGTON INS CO STRATHMORE INS CO THE INSURANCE COMPANY TECHNOLOGY INSURANCE CO THE TRAVELERS CASUALTY COMPANY TNUS INSURANCE CO

TOKIO MARINE AMERICA INSURANCE CO
TOKIO MARINE AND NICHIDO FIRE INS CO LTD US BRANCH

TOWER INS CO OF NY TOWER NATIONAL INS CO TRANS PACIFIC INS CO

TRANSGUARD INS CO OF AMERICA INC

TRANSPORTATION INS CO

TRAVELERS CASUALTY AND SURETY CO TRAVELERS CASUALTY INS CO OF AMERICA TRAVELERS INDEMNITY CO

TRAVELERS INDEMNITY CO OF AMERICA

TRAVELERS INDEMNITY CO OF CT TRAVELERS INSURANCE CO

TRAVELERS PROPERTY CASUALTY CO OF AMERICA

TRUCK INSURANCE EXCHANGE TRUMBULL INS CO TWIN CITY FIRE INS CO

UNITED STATES FIDELITY AND GUARANTY CO

UNITED WI INS CO US FIRE INS CO UTICA MUTUAL INS CO VALLEY FORGE INS CO VANLINER INS CO VIGILANT INS CO

WAUSAU BUSINESS INSURANCE COMPANY
WAUSAU UNDERWRITERS INSURANCE COMPANY

WEST AMERICAN INS CO

WESTCHESTER FIRE INSURANCE COMPANY WESTPORT INSURANCE CORPORATION WORK FIRST CASUALTY CO

XL INS CO OF NY INC XL INSURANCE AMERICA INC XL SPECIALTY INS CO ZENITH INS CO ZURICH AMERICAN INS CO ZURICH AMERICAN INS CO OF IL