

Delaware Compensation Rating Bureau, Inc.



United Plaza Building • Suite 1500  
30 South 17th Street  
Philadelphia, PA 19103-4007  
(302) 654-1435 (215) 568-2371  
FAX (215) 564-4328  
www.dcrb.com

September 10, 2010

**VIA OVERNIGHT DELIVERY**

The Honorable Karen Weldin-Stewart, CIR-ML  
Insurance Commissioner  
Department of Insurance  
State of Delaware  
841 Silver Lake Boulevard  
Dover, DE 19904-2465

Attention: Gene Reed

RE: **Correction to Bureau Filing No. 1002 – Exhibit 1a ONLY**  
Workers Compensation Residual Market Rate and Voluntary Market Loss Cost Filing  
**Proposed Effective December 1, 2010 (Selected Portions Effective June 1, 2011)**

Dear Commissioner Weldin-Stewart:

On August 6, 2010 the Delaware Compensation Rating Bureau, Inc. (DCRB) submitted Bureau Filing No. 1002 for your review. Subsequent to that submittal, we discovered that a preliminary version of one of the exhibits, 1a, had inadvertently been included in the filing package. Although the data and indications for the filing are not impacted by this error, we wish to submit the updated, correct version on which the filing was, in fact, based in order to give the Department of Insurance (Department) the most current and comprehensive background for the filing.

Therefore, attached is the corrected Exhibit 1a, which shows the data used to reach the conclusions in Bureau Filing No. 1002.

If the Department has any questions regarding this exhibit or any other aspect of the filing, Bureau staff will be pleased to cooperate with and assist in your ongoing consideration of the filing proposals.

Sincerely,

A handwritten signature in black ink that reads "Timothy L. Wisecarver". The signature is written in a cursive, flowing style.

Timothy L. Wisecarver  
President

TLW/kg  
Enclosure

DELAWARE COMPENSATION RATING BUREAU, INC.

Excess Loss Ratios and Loss Limitations

Page 1 shows a history of excess loss factor revisions since 1981. Also shown are loss limits consistent with an excess loss ratio of 0.0757 for those filings, the 0.0757 ratio corresponding to a loss limit of \$1,500,000 effective with the December 1, 2004 filing when a limited loss approach was first introduced. An exponential curve fit to the loss limitations from 1981 to 2004 showed an average annual change of 6.27% in loss limits which is applicable to policy year December 1, 2004 and prior. An exponential curve fit to the loss limitations from 1981 to 2008 showed an average annual change of 9.65% in loss limits which is applicable to policy years subsequent to December 1, 2004.

Page 2 shows the calculation of loss limits by policy year tied to a limit of \$2,610,000 for policies effective during the twelve months beginning December 1, 2010 and with the underlying annual changes in the loss limit as described above.

All calculations on pages 1 and 2 are made on a pre-Senate Bill 1 basis and indicate that a loss limit of \$2,610,000 is appropriate for the policy period beginning December 1, 2010.

The Bureau developed overall empirical distributions using Delaware data with losses adjusted to both pre-Senate Bill 1 and post-Senate Bill 1 bases. A comparison of these distributions indicated that a pre-Senate Bill 1 loss limit of \$2,610,000 produced an excess loss factor comparable to a post-Senate Bill 1 loss limit of \$2,139,891.

Page 3 shows the calculation of the excess loss ratio consistent with a loss limitation (post-Senate Bill 1) of \$2,139,891 per claim in the current filing. Excess ratios, prior to adjustments for expense and risk load, are weighted with standard premiums by hazard group to get an average excess ratio of 0.0709.

**Delaware December 1, 2010 Rate & Loss Cost Filing  
 Loss Limitations for Excess Loss Factor = .0757  
 All Losses at Pre-Senate Bill 1 Levels**

**Applicable to policy years beginning 12/1/04 and Earlier**

Effective Date	Time (t)	Loss Limit at ELF = 0.0757
3/1/1981	1.0000	204,563
2/1/1988	7.9167	457,840
8/1/1994	14.4167	841,596
8/1/1997	17.4167	852,441
10/1/1998	18.5833	650,000
12/1/1999	19.7500	655,000
3/1/2001	21.0000	681,000
12/1/2001	21.7500	685,000
12/1/2002	22.7500	781,000
12/1/2003	23.7500	1,081,000
12/1/2004	24.7500	1,500,000

**Annual Trend = .0627**

**Applicable to Policy Years after 12/1/04**

Effective Date	Time (t)	Loss Limit at ELF = 0.0757
3/1/1981	1.0000	204,563
2/1/1988	7.9167	457,840
8/1/1994	14.4167	841,596
8/1/1997	17.4167	852,441
10/1/1998	18.5833	650,000
12/1/1999	19.7500	655,000
3/1/2001	21.0000	681,000
12/1/2001	21.7500	685,000
12/1/2002	22.7500	781,000
12/1/2003	23.7500	1,081,000
12/1/2004	24.7500	1,500,000
12/1/2005	25.7500	2,116,000
12/1/2006	26.7500	2,824,000
12/1/2007	27.7500	3,465,000
12/1/2008	28.7500	3,553,800
12/1/2009	29.7500	2,578,707

**Annual Trend = .0965**

**Delaware December 1, 2010 Rate & Loss Cost Filing**  
**Calculation of Policy Year Loss Limitations**  
**All Losses at Pre-Senate Bill 1 Levels**

Policy Year * (1)	Midpoint (2)	Time (t) (3)	Trend period To/From 12/1/2005 (4)	Annual Trend + (5)	Trend Factor (6) = [1+(5)]^(4)	Loss Limit (7) = (6) * 1,500,000
1983	01/01/84	1.0000	-21.9167	0.0627	0.263733	395,600
1984	01/01/85	2.0000	-20.9167	0.0627	0.280269	420,404
1985	01/01/86	3.0000	-19.9167	0.0627	0.297842	446,763
1986	01/01/87	4.0000	-18.9167	0.0627	0.316517	474,776
1987	01/01/88	5.0000	-17.9167	0.0627	0.336363	504,544
1988	01/01/89	6.0000	-16.9167	0.0627	0.357453	536,179
1989	01/01/90	7.0000	-15.9167	0.0627	0.379865	569,797
1990	01/01/91	8.0000	-14.9167	0.0627	0.403682	605,524
1991	01/01/92	9.0000	-13.9167	0.0627	0.428993	643,490
1992	01/01/93	10.0000	-12.9167	0.0627	0.455891	683,837
1993	01/01/94	11.0000	-11.9167	0.0627	0.484476	726,713
1994	01/01/95	12.0000	-10.9167	0.0627	0.514852	772,278
1995	01/01/96	13.0000	-9.9167	0.0627	0.547133	820,700
1996	01/01/97	14.0000	-8.9167	0.0627	0.581439	872,158
1997	01/01/98	15.0000	-7.9167	0.0627	0.617895	926,842
1998	01/01/99	16.0000	-6.9167	0.0627	0.656637	984,955
1999	01/01/00	17.0000	-5.9167	0.0627	0.697808	1,046,712
2000	01/01/01	18.0000	-4.9167	0.0627	0.741561	1,112,341
2001	01/01/02	19.0000	-3.9167	0.0627	0.788056	1,182,085
2002	01/01/03	20.0000	-2.9167	0.0627	0.837468	1,256,201
2003	01/01/04	21.0000	-1.9167	0.0627	0.889977	1,334,965
2004	01/01/05	22.0000	-0.9167	0.0627	0.945778	1,418,667
12/1/04	12/01/05	22.9167	0.0000	-	1.000000	1,500,000
2005	01/01/06	23.0000	0.0833	0.0965	1.007703	1,511,555
2006	01/01/07	24.0000	1.0833	0.0965	1.104947	1,657,420
2007	01/01/08	25.0000	2.0833	0.0965	1.211574	1,817,361
2008	01/01/09	26.0000	3.0833	0.0965	1.328491	1,992,737
2009	01/01/10	27.0000	4.0833	0.0965	1.456690	2,185,036
12/01/10	12/01/11	28.9167	6.0000	0.0965	1.738008	2,607,012
						<b>2,610,000 (Selected)</b>

\* Beginning 1/1/XX unless otherwise noted.  
+ See page 1.

**Delaware December 1, 2010 Rate & Loss Cost Filing**  
**Average Excess Ratio for Losses Limited at \$2,139,891 #**  
**(Post-Senate Bill 1 Basis)**

Hazard Group	Standard Earned Premium *	Average Excess Ratio ** \$2,139,891 #
A	52,716,390	0.0449
B	133,150,249	0.0542
C	333,988,012	0.0604
D	110,451,385	0.0691
E	210,935,726	0.0784
F	147,159,567	0.1029
G	24,187,648	0.1131
TOTAL	1,012,588,977	0.0709

\* Exhibit 17-A, page 2, exhibit I - three year premiums

\*\* Exhibit 17-A, pages exhibits VIII a-d, column (1)  
before adjustment for PLR and risk load

# \$2,139,891 represents a loss limit on a post-Senate Bill 1 basis  
consistent with a pre-Senate Bill 1 loss limit of \$2,610,000.