Exhibit 18 As Filed

DELAWARE COMPENSATION RATING BUREAU, INC

State & Hazard Group Relativities

The attached exhibit pages present the application of a methodology previously provided to the DCRB by the NCCI for calculating State and Hazard Group relativities. The procedure compares Delaware severities with countrywide (NCCI states) severities.

DELAWARE

State and Hazard Group Relativities

Proposed Effective: 12/1/05

Hazard Group	Proposed Relativities	Current Relativities	Percentage Change
I	1.345	1.354	-0.7%
II	1.043	1.108	-5.9%
Ш	0.697	0.738	-5.6%
IV	0.527	0.536	-1.7%

	Table I RUN DATE:	7/1/05				 Countryw	ride Standard Earned Prei	mium by Hazard Group
	ighted Country ious Injury Typ		•	se for		 Hazard Group	Standard Premium	Ratio to Smallest Premium
Injury Typo		Hazard G <u>II</u>	iroup <u>III</u>	IV	Weighted		\$324,495,944	1.000
<u>Type</u>	<u>1</u>	<u>11</u>	<u></u>	<u>IV</u>	<u>Average</u>	I 	\$324,490,944	1.000
Fatal	\$69,515	\$88,694	\$110,723	\$131,911	\$105,162	i II	\$23,444,564,742	0.014
P.T.	\$197,844	\$214,883	\$293,551	\$352,559	\$264,007		\$25,372,947,368	0.013
Major	\$69,288	\$73,525	\$85,199	\$98,235	\$80,150	 IV	\$1,484,071,356	0.219
						 Total	\$50,626,079,410	
						1		
Differ	rential to Unwe	ighted Aver	age			 Table II		
Injury		Hazard G	iroup			Countryw	vide Type of Injury Loss Di	stribution Table
Type	<u>l</u>	<u> </u>	<u>III</u>	IV				

Type	<u>1</u>	<u>II</u>	<u> III</u>	<u>IV</u>
Fatal	0.661	0.843	1.053	1.254
P.T.	0.749	0.814	1.112	1.335
Major	0.864	0.917	1.063	1.226
Date:	7/1/05			

Hazard <u>Group</u>	Fatal	<u>P.T.</u>	<u>Major</u>	Minor	<u>T.T.</u>	Medical
I	0.057	0.131	0.220	0.391	0.343	0.328
II	0.117	0.156	0.222	0.278	0.297	0.334
III	0.270	0.264	0.262	0.181	0.207	0.196
IV Page 1	0.556	0.449	0.296	0.150	0.153	0.142

DELAWARE Proposed Effective: 12/1/05 Non-Escalating Fatal Benefits -- Non-Escalating PT/Major Benefits

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Exhibit I					Exhibit III					
					Factors to	Adjust Count	rywide Diffe	rential to St	ate Differential	
Premium	Distribution By	Hazard Group*			į					
	(1)	(2) Total	(3)		l (A) Injury⊺ 	Гуре				
Hazard <u>Group</u>	Standard <u>Premium</u>	Standard <u>Premium</u>	<u>Ratio</u>		Fatal	0.94743				
I	1,724,681	519,313,552	0.003		P.T.	0.961153 0.990429				
Ш	271,218,276		0.522		Major 	0.990429				
Ш	233,012,080		0.449							
IV	13,358,515		0.026		(B) Injury		Hazard Gro	•	1) /	
*Based or	n Unit Statistical	Data.			<u>Type</u> 	<u>I</u>	<u>11</u>	<u>III</u>	<u>IV</u>	
					Fatal	0.698	0.890	1.111	1.324	
Exhibit II					 P.T.	0.779	0.847	1.157	1.389	
		Injury Type Deriv & Countrywide L			 Major	0.872	0.926	1.073	1.238	
Injury		Hazard Group			 (C)					
Type	L	<u>II</u> .	<u>III</u>	IV	Injury		Hazard Gro	•		
					<u>Type</u>	<u>I</u>	<u>11</u>	<u>III</u>	<u>IV</u>	
Fatal	0.001	0.310	0.616	0.073	P.T./Major	0.851 0.850	0.906 0.905	1.101 1.101	1.303 1.304	
P.T.	0.002	0.384	0.559	0.055	Ì					
Major	0.003	0.479	0.486	0.032		ch serious inju d average cos			e hazard grou _l Table I) is	р
Minor	0.005	0.627	0.351	0.017	multiplied	times percent	of premium	(Exhibit I) i	n the hazard g orm the factors	
т.т.	0.004	0.613	0.367	0.016					le I are divideo	
Medical	0.004	0.652	0.330	0.014		e injury type fa				
		ne following proc osses within eac		ed to	differential	is derived by	calculating	a weighted	l (by hazard gr average of the	
The perce	entage of countr	vwide losses hv	hazard droup	(SPP		s using the fa			ร พอเนาแร.	

The percentage of countrywide losses by hazard group (see Table II) is multiplied by the corresponding statewide ratio of standard earned premium to total (Exhibit I). This is then divided by the sum of these calculations for all four hazard groups. This procedure is done for each injury type.

DELAWARE Proposed Effective: 12/1/05 Non-Escalating Fatal Benefits -- Non-Escalating PT/Major Benefits

Exhibit IV Calculation of ELPF Trend

Policy Period	1/1/02-12/31/02	1/1/01-12/31/01	1/1/00-12/31/00
	First Report	Second Report	Third Report
(1) Proposed Effective Date of Filing		12/1/05	
(2a) Trend to(2b) Midpoint of Policy Period(3) Benefit Level to Which Losses are	1/1/03 Brought	7/1/05 1/1/02 7/1/04	1/1/01
(4a) Yrs. from (2a) to (2b) (4b)	2.5	3.5	4.5
(45) (5) Indemnity Trend { 1.0389 ^ (4a)}	1.1001	1.1429	1.1874
(6) (7) (8) (9)			
(10) Medical Trend { 1.1211 ^ (4a)}	1.3308	1.4920	1.6726

Date: 7/1/05

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DELAWARE Proposed Effective: 12/1/05 Policy Period: 1/1/02-12/31/02 Report: FIRST

Exhibit V - a

Excess Loss Premium Factor Calculation Average Cost Per Case

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	Type of Injury	Indemnity Losses	Amend. Factor	I Trend in Ind Cost per Case	ndem Trended on Level (1)x(2)x(3)	Medical Losses	Amend. Factor	Medical Trend	ledical Trended on Level (5)x(6)x(7)	
A.	Death	1,245,600	1.0496	1.1001	1,438,251	1,171,000	1.0000	1.3308	1,558,367	
В.	P.T.	1,803,600	1.0750	1.1001	2,132,951	9,667,200	1.0000	1.3308	12,865,110	
C.	Major	6,601,500	1.0691	1.1001	7,764,136	7,821,100	1.0000	1.3308	10,408,320	
D.	Minor	7,867,400	1.0704	1.1001	9,264,234	9,639,600	1.0000	1.3308	12,828,380	
E.	т.т.	14,217,100	1.0750	1.1001	16,813,249	22,501,000	1.0000	1.3308	29,944,331	
F.	Med. Only					0	1.0000	1.3308	0	
G.	Overall	31,735,200	ХХ	ХХ	37,412,821	50,799,900	1.0000	XX	67,604,508	
		(9) Total Losses (4)+(8)	(10) No. of Claims	(11) Average Severity (9)/(10)	(12) Severity Dev. to Ult. Rep	(13) Developed Severity (11)x(12)	(14) Case Development	(15) Indemnity Dev. to Ult. Rpt.	(16) Medical Dev. to Ult. Report	(17) Total Developed (4)x(15)+(8)x(16)
A.	Death	2,996,618	5	599,324	3.0997	1,857,725	1.0000	1.9385	1.595 (a)	5,273,645
В.	P.T.	14,998,061	3	440.000	4 0 4 0 7		2.0000	3.5835	7.572 (a)	105,058,043
C.	Major	18,172,456	76	419,880	1.8407	772,873	2.8289	5.1702	6.454 (a)	107,317,433
D.	Minor	22,092,614	471	46,906	1.4809	20 744	1.1571	1.2129	1.898 (a)	35,584,855
E.	Т.Т.	46,757,580	2,630	17,779	1.2727	29,741	1.0513	1.0521	1.517 (a)	63,114,769
F.	Med. Only	0	ХХ	XX	xx	XX	XX		1.000 (b)	0

(a) (14) x (MED DEV 5TH TO ULT)(b) SELECTED

Date:

7/1/05

DELAWARE Proposed Effective: 12/1/05 Policy Period: 1/1/01-12/31/01 Report: SECOND

Exhibit V - b

Excess Loss Premium Factor Calculation Average Cost Per Case

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
_	Type of Injury	Indemnity Losses	Amend. Factor	lı Trend in Ind Cost per Case	ndem Trended on Level (1)x(2)x(3)	Medical Losses	Amend. Factor	N Medical Trend	/ledical Trended on Level (5)x(6)x(7)	
A.	Death	1,872,500	1.0661	1.1429	2,281,540	143,400	1.0000	1.4920	213,953	
В.	P.T.	941,600	1.1012	1.1429	1,185,061	1,322,500	1.0000	1.4920	1,973,170	
C.	Major	18,741,600	1.0931	1.1429	23,413,956	13,684,500	1.0000	1.4920	20,417,274	
D.	Minor	7,671,800	1.0949	1.1429	9,600,193	8,709,900	1.0000	1.4920	12,995,171	
E.	т.т.	15,185,200	1.1012	1.1429	19,111,508	21,444,300	1.0000	1.4920	31,994,896	
F.	Med. Only					0	1.0000	1.4920	0	
G	Overall	44,412,700	ХХ	xx	55,592,258	45,304,600	1.0000	хх	67,594,464	
		(9) Total Losses (4)+(8)	(10) No. of Claims	(11) Average Severity (9)/(10)	(12) Severity Dev. to Ult. Rep	(13) Developed Severity (11)x(12)	(14) Case Development	(15) Indemnity Dev. to Ult. Rpt.	(16) Medical Dev. to Ult. Report	(17) Total Developed (4)x(15)+(8)x(16)
A.	Death	2,495,493	6	415,916	1.8405	765,493	1.0000	1.5239	1.595 (a)	3,818,094
В.	P.T.	3,158,231	2		0 0005		3.0000	5.8143	11.358 (a)	29,301,565
C.	Major	43,831,230	180	258,184	2.3685	611,509	1.2444	1.9302	2.839 (a)	103,158,259
D.	Minor	22,595,364	447	50,549	1.4476	31,294	1.0962	1.1967	1.798 (a)	34,853,868
E.	т.т.	51,106,404	2,612	19,566	1.2331	51,294	1.0077	0.9743	1.454 (a)	65,140,921
F.	Med. Only	0	ХХ	XX	ХХ	XX	XX		1.000 (b)	0

(a) (14) x (MED DEV 5TH TO ULT)(b) SELECTED

Date: 7/1/05

DELAWARE Proposed Effective: 12/1/05 Policy Period: 1/1/00-12/31/00 Report: THIRD

Exhibit V - c

Excess Loss Premium Factor Calculation Average Cost Per Case

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	Type of Injury	Indemnity Losses	Amend. Factor	lı Trend in Ind Cost per Case	ndem Trended on Level (1)x(2)x(3)	Medical Losses	Amend. Factor	M Medical Trend	ledical Trended on Level (5)x(6)x(7)	
A.	Death	797,100	1.0844	1.1874	1,026,359	9,800	1.0000	1.6726	16,391	_
В.	P.T.	935,300	1.1292	1.1874	1,254,062	354,200	1.0000	1.6726	592,435	
C.	Major	26,784,900	1.1186	1.1874	35,576,391	18,427,000	1.0000	1.6726	30,821,000	
D.	Minor	7,134,400	1.1211	1.1874	9,497,271	7,856,500	1.0000	1.6726	13,140,782	
E.	т.т.	15,760,800	1.1292	1.1874	21,132,271	21,387,400	1.0000	1.6726	35,772,565	
F.	Med. Only					0	1.0000	1.6726	0	
G.	Overall	51,412,500	ХХ	XX	68,486,354	48,034,900	1.0000	xx	80,343,173	
		(9) Total Losses (4)+(8)	(10) No. of Claims	(11) Average Severity (9)/(10)	(12) Severity Dev. to Ult. Rep	(13) Developed Severity (11)x(12)	(14) Case Development	(15) Indemnity Dev. to Ult. Rpt.	(16) Medical Dev. to Ult. Report	(17) Total Developed (4)x(15)+(8)x(16)
A.	Death	1,042,750	2	521,375	2.0544	1,071,113	1.0000	1.8541	1.595 (a)	1,929,116
В.	P.T.	1,846,497	3		0 00 40	500.040	2.0000	5.0966	7.572 (a)	10,877,370
C.	Major	66,397,391	241	279,688	2.0248	566,312	1.0415	1.3937	2.376 (a)	122,813,512
D.	Minor	22,638,053	485	46,676	1.5171	24.400	1.0577	1.2179	1.735 (a)	34,365,983
E.	т.т.	56,904,836	2,854	19,939	1.2267	31,192	1.0032	0.9741	1.448 (a)	72,383,619
F.	Med. Only	0	ХХ	XX	XX	XX			1.000 (b)	0

(a) (14) x (MED DEV 5TH TO ULT)(b) SELECTED

Date: 7/1/05

DELAWARE Proposed Effective: 12/1/05 Non-Escalating Fatal Benefits -- Non-Escalating PT/Major Benefits

					│ │ Exhibit VII │		Combined	Injury Weights		
Exhibit VI										
Adjusted Avera	age Cost Per (Case by Inju	ry Types			Hazard Group	I		Hazard Group II	
For Each Haza	ard Group				 Type of	Total Incurred	Injury	Type of	Total Incurred	Injury
TO Lacit haze					Injury	Losses	Weights	Injury	Losses	Weights
I. * Injury Type	Average Cos	t Per Case	I	ndicated	 Death	11,021	0.004	Death	3,416,465	0.008
Fatal	630,053			1,219,461	i	11,021	0.004		3,410,403	0.000
P.T. / Major	504,841			614,914	P.T. Major P.T./Major	290,474 999,868 1,290,342	0.111 0.380 0.491	P.T. Major P.T./Major	55,771,000 159,645,529 215,416,529	0.137 0.392 0.529
Minor/T.T.	26,303			30,751	i í			,	, ,	
					Minor T.T. Minor/T.T.	524,024 802,557 1,326,581	0.199 0.305 0.504	Minor T.T. Minor/T.T.	65,712,551 122,991,896 188,704,447	0.161 0.302 0.463
			d Group							
II.** Injury Type	I	II	III	IV	Med. Only	0	XX	Med. Only	0	XX
Fatal	439,777	560,747	699,989	834,190	Total	2,627,944	XX	Total	407,537,441	XX
P.T./Major	429,620	457,386	555,830	657,808		Hazard Group I	П	I	Hazard Group I\	/
Minor/T.T.	26,303	26,303	26,303	26,303	 Type of Injury	Total Incurred Losses	Injury Weights	Type of Injury	Total Incurred Losses	Injury Weights
 * States overall injury type, bas data. 		0 1			 Death 	6,788,847	0.019	Death	804,522	0.033
** Four sets of fa	etors for each	stated type	(Evhibit III co	ctions	P.T. Major	81,187,471 161,978,553	0.225 0.449	P.T. Major	7,988,034 10,665,255	0.327 0.436
B and C) are n (Section I) for	nultiplied by st	ated injury ty	pe average	cost per case		243,166,024	0.674	P.T./Major	18,653,289	0.430
figures in Sect					Minor T.T.	36,786,452 73,634,626	0.102 0.204	Minor T.T.	1,781,680 3,210,229	0.073 0.131
					Minor/T.T.	110,421,078	0.306	Minor/T.T.	4,991,909	0.204
					Med. Only	0	XX	Med. Only	0	XX
					Total	360,375,949	XX	Total	24,449,720	xx

Date:

7/1/05

For each hazard group the following procedure is utilized to obtain the distribution of los The percentage of losses by injury type (Exhibit II) is multiplied by the corresponding injury type total incurred losses to achieve combined injury weights

DELAWARE State and Hazard Group Relativities Proposed Effective: 12/1/05

Ex	hib	oit '	VI	11

Injury	(1) Severity	(2) Incurred Losses	(3) Calculated # Claims	(4) Average Severity	(5) Cred- ibility (a)	(6) NCCI Ave Sev (b)	(7) Delaware Cred Wtd Ave Sev	(8) Delaware Relativity (6T)/(7)	(9) Selected (c)
Hazard Group I									
Fatal PT/Major TT/Minor Combined	439,777 429,620 26,303	11,021 1,290,342 1,326,581 2,627,944	0.0 3.0 50.4 53.4	49,212	0.02	25,738	26,207	1.345	1.345
Hazard Group II									
Fatal PT/Major TT/Minor Combined	560,747 457,386 26,303	3,416,465 215,416,529 188,704,447 407,537,441	6.1 471.0 7,174.3 7,651.4	53,263	0.22	28,311	33,800	1.043	1.043
Hazard Group III									
Fatal PT/Major TT/Minor Combined	699,989 555,830 26,303	6,788,847 243,166,024 110,421,078 360,375,949	9.7 437.5 4,198.0 4,645.2	77,580	0.17	45,018	50,554	0.697	0.697
Hazard Group IV									
Fatal PT/Major TT/Minor Combined	834,190 657,808 26,303	804,522 18,653,289 4,991,909 24,449,720	1.0 28.4 189.8 219.2	111,541	0.04	65,042	66,902	0.527	0.527
Total - All Hazard Groups									
Combined			12,569.2		0.28	35,243			

Notes:

(a) Full credibility equals 155,000 claims. $Z = (calculated \# claims / 155,000) ^0.5$

(b) Credibility weighted average severity of NCCI states underlying Table M expected loss group ranges.

(c) Selected Relativities limited to a range from 0.500 to 2.000

Date: 7/1/05