

DELAWARE COMPENSATION RATING BUREAU, INC.

DECEMBER 1, 2004 RESIDUAL MARKET RATE AND
VOLUNTARY MARKET LOSS COST FILING

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Note: In the Class Book, the indicated residual market rates are not limited as described in the Rate and Loss Cost Formulae (Exhibit 15). However, Exhibits 26 and 27 show the values as “capped” by this process.

December 1, 2004 Residual Market Rate and Voluntary Market Loss Cost Filing

Calculation of Composite Pure Premium Multipliers

Item	Manufacturing and Utilities	Contracting and Quarrying	Other Industries
(1) Pure Premium Test Correction Factor	0.9965	1.0072	1.0064
(2) Off-Balance Factor (Collectible Prem Ratio)	1.1388	1.1212	1.0596
(3) Expense Provision (= 1 / 0.7291)	1.3716	1.3716	1.3716
(4) Effect of 7/1/04 Benefit Change	1.0050	1.0050	1.0050
(5) Rate Test Correction Factor	1.0075	0.9858	0.9881
(6) Composite Pure Premium Multiplier (1)*(2)*(3)*(4)*(5)	1.5761	1.5345	1.4525

CALCULATION OF PER CLAIM AND CATASTROPHE LIMITATIONS

All Death, Permanent Total and Major Disability claims in the Delaware experience for Manual Years 1997 through 2001 were translated using composite multipliers, yielding an average claim value of \$ 619,726 . Using twice this value as unity and using the indicated Hazard Group Relativities produced the following results:

Hazard Group (1)	Hazard Group Relativities * (2)	Per Claim Limit [2 * 619,726] * (2) (3)	Per Accident Limit (3) * 2 (4)
I	0.853	1,057,253	2,114,506
II	0.907	1,124,183	2,248,366
III	1.098	1,360,918	2,721,836
IV	1.295	1,605,090	3,210,180

* From Delaware 12/1/04 Residual Market Rate
& Voluntary Loss Cost Filing - Excess Loss Factor Study

CREDIBILITY

The classification relativity criteria for 100 percent credibility for the various categories of loss are as follows:

- Serious: 175 * Average Cost of Serious Case (including Medical)
- Non-Serious: 500 * Average Cost of Non-Serious Case (including Medical)
- Medical: 10 Percent of the Non-Serious

The following calculations are based on the figures in Table V, Section B.

	No. Cases	INDEMNITY AMOUNT	MEDICAL AMOUNT	TOTAL AMOUNT	AVERAGE COST (4) / (1)
	(1)	(2)	(3)	(4)	(5)
Death	23	8,677,500	2,435,300	11,112,800	483,165
Permanent Total	26	44,359,700	76,204,600	120,564,300	4,637,088
Major	966	236,152,700	261,192,000	497,344,700	514,850
Total Serious	1,015	289,189,900	339,831,900	629,021,800	619,726
Minor	2,479	79,426,400	138,200,000	217,626,400	87,788
Temporary	14,301	129,272,800	238,520,900	367,793,700	25,718
Total Non-Serious	16,780	208,699,200	376,720,900	585,420,100	34,888

Accordingly, the criteria for 100 percent credibility will be:

Serious: 175 *	619,726 =	108,452,050
Non-Serious: 500 *	34,888 =	17,444,000
Medical: .10 *	17,444,000 =	1,744,400

EXPECTED LOSS CREDIBILITY TABLE

Serious, Non-Serious and Medical

Credi- bility (1)	Serious (2)	Non-Serious (3)	Medical (4)
1.00	107,639,718	17,313,341	1,731,334
0.99	106,021,173	17,053,005	1,705,301
0.98	104,410,822	16,793,988	1,679,399
0.97	102,808,707	16,536,295	1,653,630
0.96	101,214,871	16,279,934	1,627,993
0.95	99,629,356	16,024,912	1,602,491
0.94	98,052,207	15,771,235	1,577,124
0.93	96,483,468	15,518,911	1,551,891
0.92	94,923,185	15,267,946	1,526,795
0.91	93,371,404	15,018,350	1,501,835
0.90	91,828,171	14,770,128	1,477,013
0.89	90,293,534	14,523,289	1,452,329
0.88	88,767,543	14,277,840	1,427,784
0.87	87,250,245	14,033,790	1,403,379
0.86	85,741,691	13,791,146	1,379,115
0.85	84,241,932	13,549,917	1,354,992
0.84	82,751,020	13,310,111	1,331,011
0.83	81,269,008	13,071,736	1,307,174
0.82	79,795,949	12,834,802	1,283,480
0.81	78,331,899	12,599,316	1,259,932
0.80	76,876,913	12,365,289	1,236,529
0.79	75,431,047	12,132,728	1,213,273
0.78	73,994,361	11,901,644	1,190,164
0.77	72,566,913	11,672,046	1,167,205
0.76	71,148,762	11,443,943	1,144,394
0.75	69,739,972	11,217,345	1,121,735
0.74	68,340,603	10,992,264	1,099,226
0.73	66,950,720	10,768,708	1,076,871
0.72	65,570,389	10,546,688	1,054,669
0.71	64,199,675	10,326,215	1,032,622
0.70	62,838,647	10,107,300	1,010,730
0.69	61,487,374	9,889,954	988,995
0.68	60,145,928	9,674,189	967,419
0.67	58,814,380	9,460,016	946,002
0.66	57,492,805	9,247,447	924,745
0.65	56,181,279	9,036,494	903,649
0.64	54,879,879	8,827,170	882,717
0.63	53,588,685	8,619,487	861,949
0.62	52,307,779	8,413,460	841,346
0.61	51,037,242	8,209,100	820,910
0.60	49,777,162	8,006,422	800,642
0.59	48,527,624	7,805,440	780,544
0.58	47,288,720	7,606,168	760,617
0.57	46,060,541	7,408,621	740,862
0.56	44,843,182	7,212,814	721,281
0.55	43,636,740	7,018,764	701,876
0.54	42,441,313	6,826,485	682,649
0.53	41,257,006	6,635,995	663,600
0.52	40,083,924	6,447,310	644,731
0.51	38,922,174	6,260,448	626,045
0.50	37,771,869	6,075,427	607,543
0.49	36,633,123	5,892,265	589,227
0.48	35,506,056	5,710,982	571,098
0.47	34,390,789	5,531,596	553,160
0.46	33,287,449	5,354,129	535,413
0.45	32,196,166	5,178,602	517,860

EXPECTED LOSS CREDIBILITY TABLE

Serious, Non-Serious and Medical

Credi- bility (1)	Serious (2)	Non-Serious (3)	Medical (4)
0.44	31,117,075	5,005,035	500,504
0.43	30,050,316	4,833,452	483,345
0.42	28,996,032	4,663,875	466,388
0.41	27,954,372	4,496,329	449,633
0.40	26,925,493	4,330,839	433,084
0.39	25,909,555	4,167,430	416,743
0.38	24,906,725	4,006,129	400,613
0.37	23,917,176	3,846,965	384,697
0.36	22,941,089	3,689,966	368,997
0.35	21,978,653	3,535,163	353,516
0.34	21,030,065	3,382,587	338,259
0.33	20,095,528	3,232,271	323,227
0.32	19,175,259	3,084,250	308,425
0.31	18,269,481	2,938,560	293,856
0.30	17,378,431	2,795,239	279,524
0.29	16,502,356	2,654,326	265,433
0.28	15,641,517	2,515,865	251,587
0.27	14,796,188	2,379,897	237,990
0.26	13,966,660	2,246,472	224,647
0.25	13,153,239	2,115,637	211,564
0.24	12,356,252	1,987,445	198,745
0.23	11,576,043	1,861,952	186,195
0.22	10,812,983	1,739,218	173,922
0.21	10,067,467	1,619,305	161,931
0.20	9,339,916	1,502,282	150,228
0.19	8,630,786	1,388,222	138,822
0.18	7,940,569	1,277,203	127,720
0.17	7,269,799	1,169,313	116,931
0.16	6,619,056	1,064,644	106,464
0.15	5,988,978	963,299	96,330
0.14	5,380,265	865,391	86,539
0.13	4,793,697	771,044	77,104
0.12	4,230,143	680,399	68,040
0.11	3,690,585	593,614	59,361
0.10	3,176,142	510,868	51,087
0.09	2,688,107	432,370	43,237
0.08	2,227,995	358,363	35,836
0.07	1,797,616	289,138	28,914
0.06	1,399,189	225,053	22,505
0.05	1,035,518	166,559	16,656
0.04	710,312	114,251	11,425
0.03	428,813	68,973	6,897
0.02	199,302	32,057	3,206
0.01	38,359	6,170	617
0.00	0	0	0

Classification Credibility Table

Payroll Conversion Factors

Convert the Expected Loss Credibility Table to a Payroll Basis

A)	<hr/> Five Year Payroll (00's) <hr/>		
	409,860,190		
B)	<hr/> Five Year Expected Losses * <hr/>		
	Serious	Non-Serious	Medical Only
	511,964,299	407,417,111	49,091,973
C) =A/B	<hr/> Ratio Payroll to Expected Loss <hr/>		
	Serious	Non-Serious	Medical Only
	0.8006	1.0060	8.3488

PAYROLL CREDIBILITY TABLE (IN 00'S)

Serious, Non-Serious and Medical

Credi- bility (1)	Serious (2)	Non-Serious (3)	Medical (4)
1.00	86,176,358	17,417,221	14,454,561
0.99	84,880,551	17,155,323	14,237,217
0.98	83,591,304	16,894,752	14,020,966
0.97	82,308,651	16,635,513	13,805,826
0.96	81,032,626	16,377,614	13,591,788
0.95	79,763,262	16,121,061	13,378,877
0.94	78,500,597	15,865,862	13,167,093
0.93	77,244,664	15,612,024	12,956,428
0.92	75,995,502	15,359,554	12,746,906
0.91	74,753,146	15,108,460	12,538,520
0.90	73,517,634	14,858,749	12,331,286
0.89	72,289,003	14,610,429	12,125,204
0.88	71,067,295	14,363,507	11,920,283
0.87	69,852,546	14,117,993	11,716,531
0.86	68,644,798	13,873,893	11,513,955
0.85	67,444,091	13,631,217	11,312,557
0.84	66,250,467	13,389,972	11,112,345
0.83	65,063,968	13,150,166	10,913,334
0.82	63,884,637	12,911,811	10,715,518
0.81	62,712,518	12,674,912	10,518,920
0.80	61,547,657	12,439,481	10,323,533
0.79	60,390,096	12,205,524	10,129,374
0.78	59,239,885	11,973,054	9,936,441
0.77	58,097,071	11,742,078	9,744,761
0.76	56,961,699	11,512,607	9,554,317
0.75	55,833,822	11,284,649	9,365,141
0.74	54,713,487	11,058,218	9,177,218
0.73	53,600,746	10,833,320	8,990,581
0.72	52,495,653	10,609,968	8,805,221
0.71	51,398,260	10,388,172	8,621,155
0.70	50,308,621	10,167,944	8,438,383
0.69	49,226,792	9,949,294	8,256,921
0.68	48,152,830	9,732,234	8,076,788
0.67	47,086,793	9,516,776	7,897,981
0.66	46,028,740	9,302,932	7,720,511
0.65	44,978,732	9,090,713	7,544,385
0.64	43,936,831	8,880,133	7,369,628
0.63	42,903,101	8,671,204	7,196,240
0.62	41,877,608	8,463,941	7,024,229
0.61	40,860,416	8,258,355	6,853,613
0.60	39,851,596	8,054,461	6,684,400
0.59	38,851,216	7,852,273	6,516,606
0.58	37,859,349	7,651,805	6,350,239
0.57	36,876,069	7,453,073	6,185,309
0.56	35,901,452	7,256,091	6,021,831
0.55	34,935,574	7,060,877	5,859,822

0.54	33,978,515	6,867,444	5,699,300
0.53	33,030,359	6,675,811	5,540,264
0.52	32,091,190	6,485,994	5,382,730
0.51	31,161,093	6,298,011	5,226,724
0.50	30,240,158	6,111,880	5,072,255
0.49	29,328,478	5,927,619	4,919,338
0.48	28,426,148	5,745,248	4,767,983
0.47	27,533,266	5,564,786	4,618,222
0.46	26,649,932	5,386,254	4,470,056
0.45	25,776,250	5,209,674	4,323,510
0.44	24,912,330	5,035,065	4,178,608
0.43	24,058,283	4,862,453	4,035,351
0.42	23,214,223	4,691,858	3,893,780
0.41	22,380,270	4,523,307	3,753,896
0.40	21,556,550	4,356,824	3,615,732
0.39	20,743,190	4,192,435	3,479,304
0.38	19,940,324	4,030,166	3,344,638
0.37	19,148,091	3,870,047	3,211,758
0.36	18,366,636	3,712,106	3,080,682
0.35	17,596,110	3,556,374	2,951,434
0.34	16,836,670	3,402,883	2,824,057
0.33	16,088,480	3,251,665	2,698,558
0.32	15,351,712	3,102,756	2,574,979
0.31	14,626,546	2,956,191	2,453,345
0.30	13,913,172	2,812,010	2,333,690
0.29	13,211,786	2,670,252	2,216,047
0.28	12,522,599	2,530,960	2,100,450
0.27	11,845,828	2,394,176	1,986,931
0.26	11,181,708	2,259,951	1,875,533
0.25	10,530,483	2,128,331	1,766,306
0.24	9,892,415	1,999,370	1,659,282
0.23	9,267,780	1,873,124	1,554,505
0.22	8,656,874	1,749,653	1,452,040
0.21	8,060,014	1,629,021	1,351,930
0.20	7,477,537	1,511,296	1,254,224
0.19	6,909,807	1,396,551	1,158,997
0.18	6,357,220	1,284,866	1,066,309
0.17	5,820,201	1,176,329	976,234
0.16	5,299,216	1,071,032	888,847
0.15	4,794,776	969,079	804,240
0.14	4,307,440	870,583	722,497
0.13	3,837,834	775,670	643,726
0.12	3,386,652	684,481	568,052
0.11	2,954,682	597,176	495,593
0.10	2,542,819	513,933	426,515
0.09	2,152,098	434,964	360,977
0.08	1,783,733	360,513	299,188
0.07	1,439,171	290,873	241,397
0.06	1,120,191	226,403	187,890
0.05	829,036	167,558	139,058
0.04	568,676	114,937	95,385
0.03	343,308	69,387	57,582
0.02	159,561	32,249	26,766
0.01	30,710	6,207	5,151
0.00	0	0	0

TABLE V

TOTAL EXPERIENCE ALL INDUSTRIES - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR NO.	PERM. COMP. IN HUNDREDS	MINOR NO.	PERM. COMP. IN HUNDREDS	TEMPORARY NO.	COMP. IN HUNDREDS	MEDICAL IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	6,730,403	77,246,418	4	10,327	5	12,946	178	174,865	441	61,186	2985	106,757	406,382	1.148
98	7,947,272	82,088,807	3	4,956	2	13,078	177	183,444	461	59,515	3011	117,949	441,946	1.033
99	8,256,325	95,946,327	6	3,797	8	22,517	181	195,577	520	68,129	3043	152,248	517,195	1.162
00	8,574,107	93,064,695	2	7,534	1	5,815	185	186,462	476	70,946	2928	166,814	493,077	1.085
01	9,472,516	76,592,090	8	19,298	1	5,294	89	90,271	398	64,087	2690	145,717	441,253	.809
ALL	40,980,623	424,938,337	23	45,912	17	59,650	810	830,619	2296	323,863	14657	689,485	2,299,853	1.037
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	6,730,403	240,384,932	4	15,088	5	85,304	178	435,064	441	141,278	2985	269,669	1,457,446	3.572
98	7,947,272	231,542,064	3	11,315	2	34,131	179	437,716	486	155,683	2981	269,418	1,407,158	2.913
99	8,256,325	282,018,708	6	22,645	9	153,555	199	486,468	556	178,194	2988	270,196	1,709,129	3.416
00	8,574,107	267,783,471	2	7,545	5	85,295	223	545,259	534	171,045	2827	255,614	1,613,076	3.123
01	9,472,516	238,623,462	8	30,182	5	85,312	187	457,020	462	148,064	2520	227,831	1,437,826	2.519
ALL	40,980,623	1,260,352,637	23	86,775	26	443,597	966	2,361,527	2479	794,264	14301	1,292,728	7,624,635	3.075
PURE PREMIUM		3.075		.021		.108		.576		.194		.315	1.861	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	6,730,403	217,447,318	4	15,088	4	68,254	185	454,649	456	146,050	2062	186,292	1,304,140	3.231
98	7,947,272	250,983,506	5	18,857	6	85,336	213	520,819	521	166,881	2358	213,070	1,504,871	3.158
99	8,256,325	249,181,659	5	18,869	5	85,420	213	518,069	516	165,432	2343	211,905	1,492,121	3.018
00	8,574,107	248,426,293	6	20,497	5	85,661	211	515,780	513	164,492	2343	211,719	1,486,115	2.897
01	9,472,516	264,112,671	6	18,746	5	87,687	226	553,206	544	174,573	2531	228,864	1,578,051	2.788
ALL	40,980,623	1,230,151,447	26	92,057	25	412,358	1048	2,562,523	2550	817,428	11637	1,051,850	7,365,298	3.002
PURE PREMIUM		3.002		.022		.101		.625		.199		.257	1.797	

TABLE V

TOTAL EXPERIENCE MANUFACTURE AND UTILITIES - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR NO.	PERM. COMP. IN HUNDREDS	MINOR NO.	PERM. COMP. IN HUNDREDS	TEMPORARY NO.	COMP. IN HUNDREDS	MEDICAL IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	683,697	11,680,531		0		0	31	27,165	80	10,830	412	17,514	61,297	1.708
98	773,103	15,287,649		0	1	9,853	41	35,654	94	12,129	395	16,515	78,725	1.977
99	683,850	20,201,433		0	4	15,639	35	39,741	103	14,412	438	21,102	111,121	2.954
00	694,153	13,591,164	1	5,457		0	33	32,049	93	14,570	337	16,912	66,923	1.958
01	781,212	10,811,190	1	4,823		0	15	12,163	64	10,435	304	14,607	66,083	1.384
ALL	3,616,015	71,571,967	2	10,280	5	25,492	155	146,772	434	62,376	1886	86,650	384,149	1.979
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	683,697	32,908,762		0		0	31	67,586	80	25,006	412	44,241	192,255	4.813
98	773,103	42,998,098		0	1	19,558	41	85,925	97	30,954	392	38,042	255,502	5.562
99	683,850	73,061,553		0	4	81,907	38	97,404	106	35,502	432	38,274	477,528	10.684
00	694,153	37,520,599	1	5,465	1	11,133	38	88,361	94	29,161	330	27,685	213,401	5.405
01	781,212	34,005,476	1	7,543	1	8,832	27	58,749	66	19,361	289	23,877	221,692	4.353
ALL	3,616,015	220,494,488	2	13,008	7	121,430	175	398,025	443	139,984	1855	172,119	1,360,378	6.098
PURE PREMIUM		6.098		.036		.336		1.101		.387		.476	3.762	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	683,697	29,709,655		0		0	32	70,628	83	25,851	285	30,562	170,056	4.345
98	773,103	50,810,122		0	3	48,900	49	102,239	104	33,170	311	30,146	293,646	6.572
99	683,850	58,401,864		0	2	45,529	41	103,931	98	32,912	340	30,131	371,516	8.540
00	694,153	35,822,458	3	13,944	1	11,196	36	83,729	90	27,863	277	23,203	198,290	5.161
01	781,212	37,729,524	1	4,240	1	9,137	33	71,092	77	22,592	294	24,300	245,935	4.830
ALL	3,616,015	212,473,623	4	18,184	7	114,762	191	431,619	452	142,388	1507	138,342	1,279,443	5.876
PURE PREMIUM		5.876		.050		.317		1.194		.394		.383	3.538	

TABLE V

TOTAL EXPERIENCE CONTRACTING AND QUARRYING - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	DEATH COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR PERM. NO.	MAJOR PERM. COMP. IN HUNDREDS	MINOR PERM. NO.	MINOR PERM. COMP. IN HUNDREDS	TEMPORARY NO.	TEMPORARY COMP. IN HUNDREDS	MEDICAL IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	538,678	20,865,271	2	7,898	1	3,610	55	64,510	62	10,117	500	21,813	100,705	3.873
98	579,435	18,732,677		0	1	3,225	48	54,807	62	9,310	507	26,430	93,556	3.233
99	627,914	20,324,435	2	204	2	5,528	42	52,974	91	12,063	493	29,190	103,286	3.237
00	652,744	21,699,178	1	2,077	1	5,815	54	62,240	64	8,547	505	35,330	102,983	3.324
01	664,363	19,421,159	3	5,230	1	5,294	31	35,211	60	11,879	503	33,659	102,939	2.923
ALL	3,063,134	101,042,720	8	15,409	6	23,472	230	269,742	339	51,916	2508	146,422	503,469	3.299
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	538,678	62,949,561	2	11,539	1	23,784	55	160,502	62	23,360	500	55,099	355,212	11.686
98	579,435	54,187,714		0	1	8,990	47	128,342	67	25,802	502	60,484	318,259	9.352
99	627,914	55,560,645	2	1,217	2	38,547	44	124,222	97	33,195	485	52,157	306,268	8.848
00	652,744	65,843,697	1	2,080	2	38,035	54	155,016	81	29,632	487	54,141	379,532	10.087
01	664,363	64,214,218	3	8,180	2	36,672	43	130,140	80	33,623	470	53,137	380,390	9.666
ALL	3,063,134	302,755,835	8	23,016	8	146,028	243	698,222	387	145,612	2444	275,018	1,739,661	9.884
PURE PREMIUM		9.884		.075		.477		2.279		.475		.898	5.679	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	538,678	59,844,499	2	11,539	1	19,030	57	167,727	64	24,149	345	38,063	337,936	11.110
98	579,435	62,300,678		0	3	22,478	56	152,708	72	27,669	396	47,772	372,379	10.752
99	627,914	50,823,819	2	1,014	1	21,443	47	132,257	90	30,823	380	40,892	281,809	8.094
00	652,744	62,096,610	3	5,701	2	38,147	51	146,885	78	28,609	402	44,676	356,948	9.513
01	664,363	71,456,476	2	5,204	2	37,396	52	158,419	94	39,698	471	53,303	420,545	10.756
ALL	3,063,134	306,522,082	9	23,458	9	138,494	263	757,996	398	150,948	1994	224,706	1,769,617	10.007
PURE PREMIUM		10.007		.077		.452		2.475		.493		.734	5.777	

TABLE V

TOTAL EXPERIENCE OTHER INDUSTRIES - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR NO.	PERM. COMP. IN HUNDREDS	MINOR NO.	PERM. COMP. IN HUNDREDS	TEMPORARY NO.	COMP. IN HUNDREDS	MEDICAL IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	5,508,028	44,700,616	2	2,429	4	9,337	92	83,190	299	40,239	2073	67,431	244,381	.812
98	6,594,734	48,068,481	3	4,956		0	88	92,983	305	38,077	2109	75,004	269,665	.729
99	6,944,561	55,420,459	4	3,593	2	1,350	104	102,862	326	41,655	2112	101,956	302,789	.798
00	7,227,210	57,774,353		0		0	98	92,173	319	47,828	2086	114,572	323,170	.799
01	8,026,941	46,359,741	4	9,245		0	43	42,897	274	41,773	1883	97,451	272,232	.578
ALL	34,301,474	252,323,650	13	20,223	6	10,687	425	414,105	1523	209,572	10263	456,414	1,412,237	.736
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	5,508,028	144,526,609	2	3,549	4	61,520	92	206,976	299	92,912	2073	170,330	909,979	2.624
98	6,594,734	134,356,252	3	11,315		5,583	91	223,449	322	98,926	2087	170,892	833,397	2.037
99	6,944,561	153,396,510	4	21,428	3	33,101	117	264,842	353	109,497	2071	179,764	925,333	2.209
00	7,227,210	164,419,175		0	2	36,128	131	301,882	359	112,252	2010	173,787	1,020,143	2.275
01	8,026,941	140,403,768	4	14,459	2	39,807	117	268,130	316	95,081	1761	150,818	835,743	1.749
ALL	34,301,474	737,102,314	13	50,751	11	176,139	548	1,265,279	1649	508,668	10002	845,591	4,524,595	2.149
PURE PREMIUM		2.149		.015		.051		.369		.148		.247	1.319	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	5,508,028	127,893,164	2	3,549	3	49,223	96	216,294	309	96,051	1432	117,667	796,148	2.322
98	6,594,734	137,872,706	5	18,857		13,958	108	265,872	345	106,042	1651	135,152	838,846	2.091
99	6,944,561	139,955,976	3	17,855	2	18,448	125	281,881	328	101,697	1623	140,882	838,797	2.015
00	7,227,210	150,507,225		852	2	36,317	124	285,166	345	108,020	1664	143,840	930,877	2.083
01	8,026,941	154,926,671	3	9,302	2	41,155	141	323,695	373	112,283	1766	151,261	911,571	1.930
ALL	34,301,474	711,155,742	13	50,415	9	159,101	594	1,372,908	1700	524,093	8136	688,802	4,316,239	2.073
PURE PREMIUM		2.073		.015		.046		.400		.153		.201	1.258	

TABLE V

TOTAL MEDICAL EXPERIENCE ALL INDUSTRIES - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	DEATH COMP. IN HUNDREDS	PERM. NO.	PERM. COMP. IN HUNDREDS	MAJOR PERM. NO.	MAJOR PERM. COMP. IN HUNDREDS	MINOR PERM. NO.	MINOR PERM. COMP. IN HUNDREDS	TEMPORARY NO.	TEMPORARY COMP. IN HUNDREDS	MEDICAL ONLY IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	6,730,403	40,638,242	4	61	5	5,990	178	126,313	441	69,900	2985	145,801	58,318	.604
98	7,947,272	44,194,584	3	70	2	11,937	177	120,564	461	77,007	3011	168,299	64,069	.556
99	8,256,325	51,719,540	6	11,455	8	39,020	181	123,650	520	82,820	3043	187,883	72,367	.626
00	8,574,107	49,307,662	2	98	1	2,750	185	124,074	476	78,253	2928	213,948	73,954	.575
01	9,472,516	44,125,337	8	1,953	1	12,090	89	70,798	398	69,872	2690	214,253	72,287	.466
ALL	40,980,623	229,985,365	23	13,637	17	71,787	810	565,399	2296	377,852	14657	930,184	340,995	.561
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	6,730,403	145,744,576	4	4,250	5	146,549	178	481,252	441	245,838	2985	497,911	81,646	2.165
98	7,947,272	140,715,790	3	3,180	2	58,620	179	483,996	486	270,915	2981	497,162	93,285	1.771
99	8,256,325	170,912,893	6	6,348	9	263,772	199	538,077	556	309,929	2988	498,374	92,629	2.070
00	8,574,107	161,307,618	2	2,115	5	146,550	223	602,901	534	297,730	2827	471,412	92,368	1.881
01	9,472,516	143,782,577	8	8,460	5	146,555	187	505,694	462	257,588	2520	420,350	99,178	1.518
ALL	40,980,623	762,463,454	23	24,353	26	762,046	966	2,611,920	2479	1,382,000	14301	2,385,209	459,106	1.861
PURE PREMIUM		1.861		.006		.186		.637		.337		.582	.112	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	6,730,403	130,414,041	4	4,250	4	117,241	185	502,978	456	254,226	2060	343,800	81,646	1.938
98	7,947,272	150,381,633	5	5,301	6	146,550	213	575,942	521	290,270	2352	392,143	93,611	1.892
99	8,256,325	149,147,918	5	5,284	5	146,643	211	570,800	515	286,762	2330	388,713	93,278	1.806
00	8,574,107	148,355,776	5	5,287	5	146,692	210	566,088	508	283,728	2326	387,806	93,957	1.730
01	9,472,516	157,591,863	4	4,230	5	148,554	223	604,055	532	296,943	2506	418,040	104,098	1.664
ALL	40,980,623	735,891,231	23	24,352	25	705,680	1042	2,819,863	2532	1,411,929	11574	1,930,502	466,590	1.796
PURE PREMIUM		1.796		.006		.172		.688		.345		.471	.114	

TABLE V

TOTAL MEDICAL EXPERIENCE MANUFACTURE AND UTILITIES - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR NO.	PERM. COMP. IN HUNDREDS	MINOR NO.	PERM. COMP. IN HUNDREDS	TEMPORARY NO.	COMP. IN HUNDREDS	MEDICAL ONLY IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	683,697	6,129,681		0		0	31	13,008	80	12,153	412	24,499	11,638	.897
98	773,103	7,872,499		0	1	4,825	41	22,343	94	14,949	395	24,498	12,109	1.018
99	683,850	11,112,095		0	4	34,196	35	21,963	103	14,315	438	27,996	12,651	1.625
00	694,153	6,692,294	1	5		0	33	17,425	93	15,080	337	21,067	13,346	.964
01	781,212	6,608,284	1	1,006		0	15	20,326	64	10,807	304	22,863	11,081	.846
ALL	3,616,015	38,414,853	2	1,011	5	39,021	155	95,065	434	67,304	1886	120,923	60,825	1.062
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	683,697	19,225,548		0		0	31	49,559	80	42,740	412	83,663	16,293	2.812
98	773,103	25,550,156		0	1	21,268	41	92,155	97	51,602	392	72,845	17,631	3.305
99	683,850	47,752,752		0	4	211,890	38	121,943	106	52,596	432	74,905	16,193	6.983
00	694,153	21,340,078	1	97	1	16,242	38	84,072	94	47,145	330	49,174	16,669	3.074
01	781,212	22,169,239	1	4,356	1	19,646	27	97,013	66	37,469	289	48,005	15,204	2.838
ALL	3,616,015	136,037,773	2	4,453	7	269,046	175	444,742	443	231,552	1855	328,592	81,990	3.762
PURE PREMIUM		3.762		.012		.744		1.230		.640		.909	.227	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	683,697	17,005,586		0		0	32	51,796	83	44,199	284	57,768	16,293	2.487
98	773,103	29,332,318		0	3	53,170	49	109,662	104	55,276	310	57,521	17,693	3.794
99	683,850	37,090,930		0	2	117,766	40	129,717	98	48,646	337	58,473	16,307	5.424
00	694,153	19,788,567	2	243	1	16,261	36	78,885	89	44,729	274	40,811	16,956	2.851
01	781,212	24,478,806		2,178	1	20,010	32	115,474	75	42,809	291	48,360	15,958	3.133
ALL	3,616,015	127,696,207	2	2,421	7	207,207	189	485,534	449	235,659	1496	262,933	83,207	3.531
PURE PREMIUM		3.531		.007		.573		1.343		.652		.727	.230	

TABLE V

TOTAL MEDICAL EXPERIENCE CONTRACTING AND QUARRYING - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR PERM. NO.	COMP. IN HUNDREDS	MINOR PERM. NO.	COMP. IN HUNDREDS	TEMPORARY NO.	COMP. IN HUNDREDS	MEDICAL ONLY IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	538,678	10,070,495	2	11	1	75	55	57,978	62	8,867	500	26,438	7,337	1.869
98	579,435	9,355,599		0	1	7,112	48	31,807	62	12,188	507	33,891	8,558	1.615
99	627,914	10,328,551	2	11,413	2	991	42	31,237	91	16,529	493	34,911	8,205	1.645
00	652,744	10,298,326	1	94	1	2,750	54	41,120	64	8,861	505	39,029	11,129	1.578
01	664,363	10,293,883	3	757	1	12,090	31	28,414	60	9,950	503	41,241	10,487	1.549
ALL	3,063,134	50,346,854	8	12,275	6	23,018	230	190,556	339	56,395	2508	175,510	45,716	1.644
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	538,678	35,521,170	2	741	1	1,835	55	220,895	62	31,184	500	90,285	10,272	6.594
98	579,435	31,825,913		0	1	31,240	47	129,816	67	44,694	502	100,048	12,461	5.493
99	627,914	30,626,796	2	6,325	2	12,772	44	120,929	97	62,328	485	93,412	10,502	4.878
00	652,744	37,953,232	1	2,017	2	62,319	54	167,732	81	47,473	487	86,091	13,900	5.814
01	664,363	38,039,013	3	3,278	2	86,684	43	144,834	80	49,347	470	81,859	14,388	5.726
ALL	3,063,134	173,966,124	8	12,361	8	194,850	243	784,206	387	235,026	2444	451,695	61,523	5.679
PURE PREMIUM		5.679		.040		.636		2.560		.767		1.475	.201	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	538,678	33,793,636	2	741	1	1,468	57	230,867	64	32,248	345	62,340	10,272	6.273
98	579,435	37,184,177		0	3	78,101	56	154,477	72	47,897	396	78,862	12,505	6.417
99	627,914	28,169,002	2	5,264	1	7,111	47	128,190	90	57,656	378	72,893	10,576	4.486
00	652,744	35,532,017	3	5,044	2	62,363	51	157,779	77	45,326	400	70,669	14,139	5.443
01	664,363	41,799,560	2	1,639	2	87,383	52	175,600	92	56,926	467	81,346	15,102	6.292
ALL	3,063,134	176,478,392	9	12,688	9	236,426	263	846,913	395	240,053	1986	366,110	62,594	5.761
PURE PREMIUM		5.761		.041		.772		2.765		.784		1.195	.204	

TABLE V

TOTAL MEDICAL EXPERIENCE OTHER INDUSTRIES - MANUAL YEARS 1997 - 2001

MAN YEAR	PAYROLL IN THOUS	ALL LOSSES	DEATH NO.	COMP. IN HUNDREDS	PERM. NO.	TOTAL COMP. IN HUNDREDS	MAJOR NO.	PERM. COMP. IN HUNDREDS	MINOR NO.	PERM. COMP. IN HUNDREDS	TEMPORARY NO.	COMP. IN HUNDREDS	MEDICAL ONLY IN HUNDREDS	PURE PREM.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. EXPERIENCE AS REPORTED														
97	5,508,028	24,438,066	2	50	4	5,915	92	55,328	299	48,881	2073	94,865	39,343	.444
98	6,594,734	26,966,486	3	70		0	88	66,414	305	49,870	2109	109,910	43,401	.409
99	6,944,561	30,278,894	4	42	2	3,834	104	70,449	326	51,976	2112	124,977	51,511	.436
00	7,227,210	32,317,042		0		0	98	65,529	319	54,312	2086	153,852	49,478	.447
01	8,026,941	27,223,170	4	191		0	43	22,057	274	49,115	1883	150,149	50,719	.339
ALL	34,301,474	141,223,658	13	353	6	9,749	425	279,777	1523	254,154	10263	633,753	234,452	.412
B. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (EXCLUDING IBNR AND FREQUENCY TREND)														
97	5,508,028	90,997,858	2	3,510	4	144,713	92	210,798	299	171,913	2073	323,964	55,080	1.652
98	6,594,734	83,339,721	3	3,180		6,111	91	262,025	322	174,620	2087	324,268	63,192	1.264
99	6,944,561	92,533,345	4	23	3	39,110	117	295,204	353	195,004	2071	330,057	65,934	1.332
00	7,227,210	102,014,308		0	2	67,989	131	351,097	359	203,111	2010	336,148	61,798	1.412
01	8,026,941	83,574,325	4	826	2	40,225	117	263,848	316	170,772	1761	290,486	69,587	1.041
ALL	34,301,474	452,459,557	13	7,539	11	298,148	548	1,382,972	1649	915,420	10002	1,604,923	315,591	1.319
PURE PREMIUM		1.319		.002		.087		.403		.267		.468	.092	
C. REPORTED PAYROLLS, TRANSLATED LOSSES & PURE PREMIUMS (INCLUDING IBNR AND FREQUENCY TREND)														
97	5,508,028	79,614,819	2	3,510	3	115,773	96	220,314	309	177,779	1431	223,692	55,080	1.445
98	6,594,734	83,865,138	5	5,301		15,279	108	311,802	345	187,096	1646	255,760	63,413	1.272
99	6,944,561	83,887,986	3	19	2	21,766	124	312,893	327	180,460	1615	257,347	66,395	1.208
00	7,227,210	93,035,192		0	2	68,068	123	329,424	342	193,673	1652	276,326	62,861	1.287
01	8,026,941	91,313,497	2	413	2	41,161	139	312,981	365	197,208	1748	288,333	73,038	1.138
ALL	34,301,474	431,716,632	12	9,243	9	262,047	590	1,487,414	1688	936,216	8092	1,301,458	320,787	1.259
PURE PREMIUM		1.259		.003		.076		.434		.273		.379	.094	

DELAWARE COMPENSATION RATING BUREAU, INC.
DECEMBER 1, 2004 LOSS COST REVISION
RATE SELECTIONS
Before DCCPAP Surcharges

<u>Code</u>	<u>Selection</u>	<u>Basis for Rate Selection</u>	
Temporary Staffing Classifications			
185	6.15	Use rate for associated non-temporary class	104
187	7.10	Use rate for associated non-temporary class	107
191	5.69	Use rate for associated non-temporary class	161
275	8.12	Use rate for associated non-temporary class	221
276	9.10	Use rate for associated non-temporary class	222
297	5.59	Use rate for associated non-temporary class	281
491	6.69	Use rate for associated non-temporary class	403
495	9.40	Use rate for associated non-temporary class	451
497	3.71	Use rate for associated non-temporary class	472
499	7.01	Use rate for associated non-temporary class	475
587	4.44	Use rate for associated non-temporary class	563
691	10.23	Use rate for associated non-temporary class	609
693	13.18	Use rate for associated non-temporary class	651
695	6.90	Use rate for associated non-temporary class	661
867	9.50	Use rate for associated non-temporary class	813
877	4.78	Use rate for associated non-temporary class	914
879	6.34	Use rate for associated non-temporary class	923
881	5.35	Use rate for associated non-temporary class	926
883	4.23	Use rate for associated non-temporary class	928
889	0.73	Use rate for associated non-temporary class	953
895	0.85	Use rate for associated non-temporary class	965
Aircraft Classifications			
7413	2.94	Aircraft Procedure	
7421	3.56	Aircraft Procedure	
7424	8.38	Aircraft Procedure	
7453	0.62	Aircraft Procedure	
Other Classifications			
0175	1.95	Supplemental load, 20% of 512	
0176	0.78	Supplemental load, 10% of 513	
259	6.38	No comparable Pa. code, use industry group change	
309	7.34	No comparable Pa. code, use industry group change	
643	21.44	Asbestos encap., 150% of 647, Expected loss rates = 100% of 647	
670	9.46	Use combined experience of 670, 681	
681	9.46	Use combined experience of 670, 681	
811	14.56	Use combined experience of 811, 4777	
* 970	13.38	Use combined experience of 970, 991	
* 991	13.38	Use combined experience of 970, 991	
4777	14.56	Use combined experience of 811, 4777	
7445	1.00	Catastrophe load, 1/3 of 7405	
9108	100.00	National Rate	
9985	"A"	"A" Rated	

* These classifications, along with their respective companion classifications, are combined for ratemaking purposes. However, even on a combined basis the volume of experience remains small and is therefore subject to the "non-reviewed" classification ratemaking procedure.

Delaware Compensation Rating Bureau. Inc.

Aircraft Operations Classifications

		5 Year Payroll (000)	12/1/03 Manual	12/1/04 Indicated	12/1/04 Adjusted
INDEX	7413, 7421, 7424, 7453			6.40	
Code	Rate Index				
7413	0.70 * Index * 0.825	451	2.60	3.70	2.94
7421	0.70 * Index	7,988	3.16	4.48	3.56
7424	1.65 * Index	12,895	7.43	10.56	8.38
7453	0.70 * Index * 0.175	-	0.55	0.78	0.62
	Total	21,334			
	Average weighted by payroll		5.67	8.06	6.40

CLASSIFICATION STU DELAWARE

INDUSTRY GROUP:

CODE:

CLASS:
House Furnishings Installation & Canvas Goods Erection

2

670+681

Manual Year	Payroll in Thous.	Total Rept Losses	Total Trans Losses	Pure Prem Reported	Claim Severity	Claim Frequency	Number of Cases					
							Death	P.T.	Major	Minor	Temp	All
1997	4,378	171,614	463,154	3.920	24,706	1.370	0	0	0	1	5	6
1998	4,850	104,337	277,955	2.151	16,275	1.237	0	0	0	0	6	6
1999	5,207	295,707	850,877	5.679	36,116	1.536	0	0	1	2	5	8
2000	5,733	563,236	1,691,787	9.824	54,350	1.744	0	0	2	0	8	10
2001	7,818	148,984	468,590	1.906	35,320	0.512	0	0	0	1	3	4
TOTAL	27,986	1,283,878	3,752,363	4.588	35,871	1.215	0	0	3	4	27	34
O.D.		0		0.000			0	0	0	0	0	0

Manual Year	REPORTED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	0	0	0	33,401	47,413	0	0	0	32,222	35,202	23,376
1998	0	0	0	0	52,598	0	0	0	0	45,053	6,686
1999	0	0	116,657	9,704	21,042	0	0	84,233	17,972	39,317	6,782
2000	0	0	247,499	0	60,468	0	0	147,951	0	87,586	19,732
2001	0	0	0	8,895	81,127	0	0	0	7,012	44,245	7,705
TOTAL	0	0	364,156	52,000	262,648	0	0	232,184	57,206	251,403	64,281
O.D.	0	0	0	0	0	0	0	0	0	0	0

Manual Year	TRANSLATED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	0	0	0	77,123	119,765	0	0	0	113,325	120,215	32,726
1998	0	0	5,681	5,091	117,699	0	0	4,478	4,996	130,275	9,735
1999	0	27,537	247,443	31,204	39,965	0	17,399	293,683	76,461	108,504	8,681
2000	0	74,819	528,634	45,632	96,294	0	117,970	533,606	77,958	192,229	24,645
2001	0	15,297	107,825	47,464	117,667	0	5,686	46,236	36,022	81,822	10,571
TOTAL	0	117,653	889,583	206,514	491,390	0	141,055	878,003	308,762	633,045	86,358
O.D.	0	0	0	0	0	0	0	0	0	0	0

	SERIOUS	NON-SER	MED ONLY	TOTAL
TOTAL TRANSLATED LOSSES	2,026,294	1,639,711	86,358	
IBNR + FREQ. ADJUSTMENT	32,828	(78,884)	911	
TOTAL LOSSES	2,059,122	1,560,827	87,269	
EXPECTED LOSSES	642,559	777,171	47,576	
CREDIBILITY	0.02	0.06	0.07	
PURE PREMIUMS				
INDICATED (PRE-TEST)	7.358	5.577	0.312	13.247
INDICATED (POST-TEST)	4.739	3.592	0.201	8.532
PRES. ON RATE LEVEL	2.673	3.233	0.198	6.104
DERIVED BY FORMULA	2.714	3.255	0.198	6.167
UNDERLYING PRES. RATE	2.296	2.777	0.170	5.243
PROPOSED	2.714	3.255	0.198	6.167

YEAR	12-01-03	12-01-04	IND. RATE =	9.463
IND. RATE		9.46		
MAN. RATE	8.35	9.46	ADJ. RATE =	9.46

CLASSIFICATION STU DELAWARE

INDUSTRY GROUP:

3

CODE:

811 + 4777

CLASS:
COMBINED CLASSES 811 & 4777

Manual Year	Payroll in Thous.	Total Rept Losses	Total Trans Losses	Pure Prem Reported	Claim Severity	Claim Frequency	Number of Cases					
							Death	P.T.	Major	Minor	Temp	All
1997	39,742	1,613,436	4,329,014	4.060	26,031	1.535	1	0	6	5	49	61
1998	50,972	677,675	1,992,386	1.330	13,890	0.902	1	0	1	7	37	46
1999	64,163	3,519,349	9,755,968	5.485	38,274	1.403	0	0	14	23	53	90
2000	60,398	4,749,254	12,673,018	7.863	47,610	1.623	0	0	7	11	80	98
2001	52,063	1,906,051	6,020,048	3.661	24,206	1.460	0	0	2	6	68	76
TOTAL	267,338	12,465,765	34,770,434	4.663	32,822	1.388	2	0	30	52	287	371
O.D.		0		0.000			0	0	0	0	0	0

Manual Year	REPORTED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	211,146	0	549,082	114,337	183,412	0	0	172,324	133,097	224,517	25,521
1998	72,392	0	55,149	75,942	142,337	3,500	0	30,977	64,390	194,247	38,741
1999	0	0	1,726,040	338,177	157,951	0	0	753,630	283,312	185,563	74,676
2000	0	0	691,190	279,606	1,105,429	0	0	1,174,044	207,952	1,207,533	83,500
2001	0	0	227,793	133,047	712,249	0	0	105,765	70,433	590,399	66,365
TOTAL	283,538	0	3,249,254	941,109	2,301,378	3,500	0	2,236,740	759,184	2,402,259	288,803
O.D.	0	0	0	0	0	0	0	0	0	0	0

Manual Year	TRANSLATED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	308,484	0	1,366,116	264,004	463,299	0	0	656,554	468,102	766,726	35,729
1998	165,285	3,309	151,582	193,222	322,192	158,802	2,850	143,462	226,917	568,358	56,407
1999	0	409,082	3,692,737	823,065	349,112	0	156,462	2,647,313	1,005,645	576,967	95,585
2000	0	266,894	2,254,307	800,250	1,636,460	0	662,777	3,192,520	1,165,686	2,589,832	104,292
2001	0	226,089	1,496,796	508,725	1,060,893	0	153,483	902,242	481,971	1,098,796	91,053
TOTAL	473,769	905,374	8,961,538	2,589,266	3,831,956	158,802	975,572	7,542,091	3,348,321	5,600,679	383,066
O.D.	0	0	0	0	0	0	0	0	0	0	0

	SERIOUS	NON-SER	MED ONLY	TOTAL
TOTAL TRANSLATED LOSSES	19,017,146	15,370,222	383,066	
IBNR + FREQ. ADJUSTMENT	588,525	(901,208)	5,135	
TOTAL LOSSES	19,605,671	14,469,014	388,201	
EXPECTED LOSSES	15,548,378	7,504,178	326,152	
CREDIBILITY	0.10	0.29	0.32	
PURE PREMIUMS				
INDICATED (PRE-TEST)	7.334	5.412	0.145	12.891
INDICATED (POST-TEST)	4.723	3.485	0.093	8.301
PRES. ON RATE LEVEL	6.770	3.268	0.142	10.180
DERIVED BY FORMULA	6.565	3.331	0.126	10.022
UNDERLYING PRES. RATE	5.816	2.807	0.122	8.745
PROPOSED	6.565	3.331	0.126	10.022

YEAR	12-01-03	12-01-04	IND. RATE =	14.557
IND. RATE		14.56		
MAN. RATE	13.02	14.56	ADJ. RATE =	14.56

CLASSIFICATION STU DELAWARE

INDUSTRY GROUP:

3

CODE:

970 + 991

CLASS:
CONTACT + NON-CONTACT SPORTS

Manual Year	Payroll in Thous.	Total Rept Losses	Total Trans Losses	Pure Prem Reported	Claim Severity	Claim Frequency	Number of Cases					
							Death	P.T.	Major	Minor	Temp	All
1997	588	70,995	99,393	12.074	0	0.000	0	0	0	0	0	0
1998	1,132	160,383	324,629	14.168	12,090	4.417	0	0	0	0	5	5
1999	762	0	0	0.000	0	0.000	0	0	0	0	0	0
2000	419	0	0	0.000	0	0.000	0	0	0	0	0	0
2001	379	0	0	0.000	0	0.000	0	0	0	0	0	0
TOTAL	3,280	231,378	424,022	7.054	12,090	1.524	0	0	0	0	5	5
O.D.		0		0.000			0	0	0	0	0	0

Manual Year	REPORTED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	0	0	0	0	0	0	0	0	0	0	70,995
1998	0	0	0	0	12,718	0	0	0	0	47,733	99,932
1999	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	12,718	0	0	0	0	47,733	170,927
O.D.	0	0	0	0	0	0	0	0	0	0	0

Manual Year	TRANSLATED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	0	0	0	0	0	0	0	0	0	0	99,393
1998	0	0	1,374	1,231	28,459	0	0	4,745	5,294	138,025	145,501
1999	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1,374	1,231	28,459	0	0	4,745	5,294	138,025	244,894
O.D.	0	0	0	0	0	0	0	0	0	0	0

	SERIOUS	NON-SER	MED ONLY	TOTAL
TOTAL TRANSLATED LOSSES	6,119	173,009	244,894	
IBNR + FREQ. ADJUSTMENT	6,757	(12,059)	488	
TOTAL LOSSES	12,876	160,950	245,382	
EXPECTED LOSSES CREDIBILITY	102,631	90,200	46,018	
	0.01	0.02	0.02	
PURE PREMIUMS				
INDICATED (PRE-TEST)	0.393	4.907	7.481	12.781
INDICATED (POST-TEST)	0.253	3.160	4.818	8.231
PRES. ON RATE LEVEL	3.642	3.201	1.633	8.476
DERIVED BY FORMULA	3.608	3.200	1.697	8.505
UNDERLYING PRES. RATE	3.129	2.750	1.403	7.282
PROPOSED	3.596	3.189	1.691	8.476

YEAR	12-01-03	12-01-04	IND. RATE =	12.311
IND. RATE		12.31		
MAN. RATE	10.06	12.31	ADJ. RATE =	12.31

CLASSIFICATION STU DELAWARE

INDUSTRY GROUP:

3

CODE:

7413 + 7421 + 7424 + 7453

CLASS:
AIRCRAFT

Manual Year	Payroll in Thous.	Total Rept Losses	Total Trans Losses	Pure Prem Reported	Claim Severity	Claim Frequency	Number of Cases					
							Death	P.T.	Major	Minor	Temp	All
1997	3,872	17,860	42,948	0.461	6,226	0.517	0	0	0	1	1	2
1998	3,806	7,349	11,163	0.193	303	0.263	0	0	0	0	1	1
1999	4,479	10,675	27,004	0.238	9,737	0.223	0	0	0	0	1	1
2000	4,654	0	0	0.000	0	0.000	0	0	0	0	0	0
2001	4,523	82,676	278,082	1.828	82,198	0.221	0	0	0	1	0	1
TOTAL	21,334	118,560	359,197	0.556	20,938	0.234	0	0	0	2	3	5
O.D.		0		0.000			0	0	0	0	0	0

Manual Year	REPORTED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	0	0	0	630	7,384	0	0	0	1,132	3,305	5,409
1998	0	0	0	0	55	0	0	0	0	248	7,046
1999	0	0	0	0	5,020	0	0	0	0	4,717	938
2000	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	44,008	0	0	0	0	38,190	0	478
TOTAL	0	0	0	44,638	12,459	0	0	0	39,322	8,270	13,871
O.D.	0	0	0	0	0	0	0	0	0	0	0

Manual Year	TRANSLATED LOSSES										
	Indemnity					Medical					
	Death	P.T.	Major	Minor	Temp	Death	P.T.	Major	Minor	Temp	Med. Only
1997	0	0	0	1,455	18,652	0	0	0	3,981	11,287	7,573
1998	0	0	6	5	123	0	0	25	28	717	10,259
1999	0	107	1,880	941	8,516	0	37	1,316	1,130	11,876	1,201
2000	0	0	0	0	0	0	0	0	0	0	0
2001	0	8,731	74,290	44,012	8,995	0	5,809	60,103	61,073	14,413	656
TOTAL	0	8,838	76,176	46,413	36,286	0	5,846	61,444	66,212	38,293	19,689
O.D.	0	0	0	0	0	0	0	0	0	0	0

	SERIOUS	NON-SER	MED ONLY	TOTAL
TOTAL TRANSLATED LOSSES	152,304	187,204	19,689	
IBNR + FREQ. ADJUSTMENT	27,024	(15,306)	353	
TOTAL LOSSES	179,328	171,898	20,042	
EXPECTED LOSSES	669,674	129,711	21,761	
CREDIBILITY	0.02	0.05	0.06	
PURE PREMIUMS				
INDICATED (PRE-TEST)	0.841	0.806	0.094	1.741
INDICATED (POST-TEST)	0.542	0.519	0.061	1.122
PRES. ON RATE LEVEL	3.654	0.708	0.119	4.481
DERIVED BY FORMULA	3.592	0.699	0.116	4.407
UNDERLYING PRES. RATE	3.139	0.608	0.102	3.849
PROPOSED	3.592	0.699	0.116	4.407

YEAR	12-01-03	12-01-03	IND. RATE =	6.401
IND. RATE		6.40		
MAN. RATE	5.65	6.40	ADJ. RATE =	6.4