### DELAWARE COMPENSATION RATING BUREAU, INC.

#### DECEMBER 1, 2010 F CLASS RATE FILING

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## <u>Delaware F Class Rate Revision</u> Proposed Effective December 1, 2010

# **Calculation of Composite Pure Premium Multiplier**

Item	Total
(1) Pure Premium Test Correction Factor	1.0000
(2) Off-Balance Factor (Collectible Prem Ratio)	0.9633
(3) Expense Provision ( 1 / 0.6577 )	1.5205
(4) Rate Test Correction Factor	0.9985
(5) Composite Pure Premium Multiplier (1)*(2)*(3)*(4)	1.4625

#### **CALCULATION OF PER CLAIM AND CATASTROPHE LIMITATIONS**

All Death, Permanent Total and Major Disability claims in the Delaware experience for Manual Years 2003 through 2007 were translated using composite multipliers, yielding an average claim value of \$156,900 A value of \$898,233 was selected based on a review of Delaware State Act coverage experience as reported in the 12/1/10 Residual Market and Loss Cost Filing. Using twice the value as unity and using the indicated Hazard Group Relativities produced the following results:

Hazard Group	Hazard Group Relativities *	Per Claim Limit = (2) * 898,233	Per Accident Limit (3) * 2
(1)	(2)	(3)	(4)
Α	0.87	781,463	1,562,926
В	0.92	826,374	1,652,748
С	0.96	862,304	1,724,608
D	1.01	907,215	1,814,430
Е	1.07	961,109	1,922,218
F	1.12	1,006,021	2,012,042
G	1.18	1,059,915	2,119,830

<sup>@</sup> From Delaware State Act Coverage 12/1/10 loss cost filing materials

#### **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.

		INDEMNITY	MEDICAL	TOTAL	<b>AVERAGE</b>
	No.	AMOUNT	AMOUNT	AMOUNT	COST
	Cases	(in hundreds)	(in hundreds)	(in hundreds)	(4) / (1)
- -	(1)	(2)	(3)	(4)	(5)
Death	0	0	0	0	0
Death	0	0	0	0	0
Permanent Total	0	0	0	0	0
Major	1	923	646	1,569	1,569
Total Serious	1	923	646	1,569	1,569
Minor	4	2,425	3,199	5,624	1,406
	4	· ·	•	,	· ·
Temporary	1	114	147	261	261
Total Non-Serious	5	2,539	3,346	5,885	1,177
Accordingly, the criteria	for 100 perc	ent credibility will	be:	Selected @	
Serious: 175 *		1,569	= 274,575	157,190,775	
Non-Serious: 500 *		1,177	= 588,500	17,750,000	
Medical: .10 *		588,500	•	1,775,000	

<sup>@</sup> From DE State Act Coverage Residual Market & Loss Cost filing proposal for 12/1/10.

## EXPECTED LOSS CREDIBILITY TABLE

Serious, Non-Serious and Medical

Credi-			
bility	Serious	Non-Serious	Medical
(1)	(2)	(3)	(4)
1.00	156.012.279	17 (17 040	1 761 705
1.00	156,013,378	17,617,049	1,761,705
0.99	153,667,454	17,352,147	1,735,215
0.98	151,333,405	17,088,586	1,708,859
0.97	149,011,294	16,826,373	1,682,637
0.96	146,701,182	16,565,514	1,656,551
0.95	144,403,132	16,306,018	1,630,602
0.94	142,117,206	16,047,891	1,604,789
0.93	139,843,471	15,791,141	1,579,114
0.92	137,581,991	15,535,774	1,553,577
0.91	135,332,834	15,281,799	1,528,180
0.90	133,096,067	15,029,223	1,502,922
0.89	130,871,760	14,778,054	1,477,805
0.88	128,659,982	14,528,300	1,452,830
0.87	126,460,805	14,279,969	1,427,997
0.86	124,274,302	14,033,069	1,403,307
0.85	122,100,546	13,787,608	1,378,761
0.84	119,939,613	13,543,595	1,354,360
0.83	117,791,580	13,301,039	1,330,104
0.82	115,656,523	13,059,948	1,305,995
0.81	113,534,524	12,820,332	1,282,033
0.80	111,425,662	12,582,199	1,258,220
0.79	109,330,020	12,345,559	1,234,556
0.78	107,247,682	12,110,421	1,211,042
0.77	105,178,733	11,876,795	1,187,680
0.76	103,123,261	11,644,691	1,164,469
0.75	101,081,355	11,414,118	1,141,412
0.74	99,053,105	11,185,088	1,118,509
0.73	97,038,604	10,957,611	1,095,761
0.72	95,037,947	10,731,696	1,073,170
0.71	93,051,230	10,507,356	1,050,736
0.70	91,078,551	10,284,601	1,028,460
0.69	89,120,012	10,063,442	1,006,344
0.68	87,175,715	9,843,892	984,389
0.67	85,245,765	9,625,962	962,596
0.66	83,330,270	9,409,664	940,966
0.65	81,429,339	9,195,011	919,501
0.64	79,543,086	8,982,015	898,202
0.63	77,671,625	8,770,689	877,069
0.62	75,815,074	8,561,047	856,105
0.61	73,973,555	8,353,103	835,310
0.60	72,147,189	8,146,869	814,687
0.59	70,336,106	7,942,361	794,236
0.58	68,540,434	7,739,594	773,959
0.57	66,760,307	7,538,582	753,858
0.56	64,995,862	7,339,341	733,934
0.55	63,247,240	7,141,886	714,189
0.54	61,514,586	6,946,234	694,623
0.53	59,798,047	6,752,403	675,240
0.52	58,097,777	6,560,408	656,041
0.51	56,413,933	6,370,268	637,027
0.50	54,746,677	6,182,001	618,200
0.49	53,096,175	5,995,626	599,563
0.48	51,462,600	5,811,163	581,116
0.47	49,846,128	5,628,631	562,863
0.46	48,246,943	5,448,051	544,805
0.45	46,665,234	5,269,444	526,944
0.44	45,101,196	5,092,833	509,283
0.43	43,555,031	4,918,239	491,824

### EXPECTED LOSS CREDIBILITY TABLE

Serious, Non-Serious and Medical

Credi-			
bility	Serious	Non-Serious	Medical
(1)	(2)	(3)	(4)
0.42	42,026,948	4,745,688	474,569
0.42	40,517,164	4,745,088	474,309
0.40	39,025,903	4,406,810	440,681
0.39	37,553,398	4,240,534	424,053
0.39	36,099,893	4,076,404	407,640
0.38	34,665,637	3,914,448	391,445
0.36	33,250,894	3,754,695	375,470
0.35	31,855,936	3,597,176	359,718
0.34	30,481,048	3,441,924	344,192
0.33	29,126,528	3,288,971	328,897
0.32	27,792,686	3,138,354	313,835
0.31	26,479,849	2,990,108	299,011
0.30	25,188,358	2,844,273	284,427
0.30	23,918,572	2,700,888	270,089
0.29	22,670,868	2,559,997	256,000
0.27	21,445,646	2,421,645	242,165
0.26	20,243,325	2,285,879	228,588
0.25	19,064,350	2,152,749	215,275
0.24	17,909,193	2,022,309	202,231
0.23	16,778,357	1,894,614	189,461
0.23	15,672,375	1,769,727	176,973
0.21	14,591,820	1,647,710	164,771
0.20	13,537,306	1,528,635	152,864
0.19	12,509,491	1,412,574	141,257
0.18	11,509,088	1,299,608	129,961
0.17	10,536,871	1,189,825	118,983
0.16	9,593,683	1,083,320	108,332
0.15	8,680,445	980,197	98,020
0.14	7,798,175	880,571	88,057
0.13	6,948,000	784,569	78,457
0.12	6,131,183	692,334	69,233
0.11	5,349,146	604,027	60,403
0.10	4,603,511	519,829	51,983
0.09	3,896,151	439,954	43,995
0.08	3,229,263	364,649	36,465
0.07	2,605,471	294,210	29,421
0.06	2,027,989	229,001	22,900
0.05	1,500,883	169,480	16,948
0.04	1,029,529	116,255	11,626
0.03	621,524	70,183	7,018
0.02	288,869	32,620	3,262
0.01	55,598	6,279	628
0.00	0	0,279	0
0.00	O .	J	O

Non-Reviewed Cutoff Point: 169,480

### **Classification Credibility Table**

## **Payroll Conversion Factors**

Convert the Expected Loss Credibility Table to a Payroll Basis

A)		Five Year Payroll (00's	)
		572,577,680	
B)	Fiv	e Year Expected Loss	es *
·	Serious	Non-Serious	Medical Only
	468,350,257	296,614,203	35,240,140
C) =A/B	Pati	o Payroll to Expected	000
C) =A/D	Serious	Non-Serious	Medical Only
	1.2225	1.9304	16.2479

<sup>\*</sup> Expected losses associated with payroll based classifications only

# PAYROLL CREDIBILITY TABLE (IN 00'S)

Serious, Non-Serious and Medical

Credi-			
bility	Serious	Non-Serious	Medical
(1)	(2)	(3)	(4)
1.00	190,726,355	34,007,951	28,624,007
0.99	187,858,463	33,496,585	28,193,600
0.98	185,005,088	32,987,806	27,765,370
0.97	182,166,307	32,481,630	27,339,318
0.96	179,342,195	31,978,068	26,915,475
0.95	176,532,829	31,477,137	26,493,858
0.94	173,738,284	30,978,849	26,074,451
0.93	170,958,643	30,483,219	25,657,286
0.92	168,193,984	29,990,258	25,242,364
0.91	165,444,390	29,499,985	24,829,716
0.90	162,709,942	29,012,412	24,419,326
0.89	159,990,727	28,527,555	24,011,228
0.88	157,286,828	28,045,430	23,605,437
0.87	154,598,334	27,566,052	23,201,952
0.86	151,925,334	27,089,436	22,800,792
0.85	149,267,917	26,615,598	22,401,971
0.84	146,626,177	26,144,556	22,005,506
0.83	144,000,207	25,676,326	21,611,397
0.82	141,390,099	25,210,924	21,219,676
0.81 0.80	138,795,956	24,748,369	20,830,344
0.79	136,217,872 133,655,949	24,288,677 23,831,867	20,443,433 20,058,942
0.78	131,110,291	23,377,957	19,676,889
0.77	128,581,001	22,926,965	19,297,306
0.76	126,068,187	22,478,912	18,920,176
0.75	123,571,956	22,033,813	18,545,548
0.74	121,092,421	21,591,694	18,173,422
0.73	118,629,693	21,152,572	17,803,815
0.72	116,183,890	20,716,466	17,436,759
0.71	113,755,129	20,283,400	17,072,253
0.70	111,343,529	19,853,394	16,710,315
0.69	108,949,215	19,426,468	16,350,977
0.68	106,572,312	19,002,649	15,994,254
0.67	104,212,948	18,581,957	15,640,164
0.66	101,871,255	18,164,415	15,288,721
0.65	99,547,367	17,750,049	14,939,960
0.64	97,241,423	17,338,882	14,593,896
0.63	94,953,562	16,930,938	14,250,529
0.62	92,683,928	16,526,245	13,909,908
0.61	90,432,671	16,124,830	13,572,033
0.60	88,199,939	15,726,716	13,236,953
0.59	85,985,890	15,331,934	12,904,667
0.58	83,790,681	14,940,512	12,575,208
0.57	81,614,475	14,552,479	12,248,609
0.56	79,457,441	14,167,864	11,924,886
0.55	77,319,751	13,786,697	11,604,071
0.54 0.53	75,201,581 73,103,112	13,409,010 13,034,839	11,286,165 10,971,232
0.53	73,103,112	12,664,212	10,971,232
0.52	68,966,033	12,297,165	10,039,289
0.50	66,927,813	11,933,735	10,330,331
0.49	64,910,074	11,573,956	9,741,640
0.48	62,913,029	11,217,869	9,441,915
0.47	60,936,891	10,865,509	9,145,342
0.46	58,981,888	10,516,918	8,851,937
0.45	57,048,249	10,172,135	8,561,733
	, , ,	, , ,	, , ,

# PAYROLL CREDIBILITY TABLE (IN 00'S)

Serious, Non-Serious and Medical

Credi-			
bility	Serious	Non-Serious	Medical
(1)	(2)	(3)	(4)
0.44	55,136,212	9,831,205	8,274,779
0.43	53,246,025	9,494,169	7,991,107
0.42	51,377,944	9,161,076	7,710,750
0.41	49,532,233	8,831,972	7,433,739
0.40	47,709,166	8,506,906	7,160,141
0.39	45,909,029	8,185,927	6,889,971
0.38	44,132,119	7,869,090	6,623,294
0.37	42,378,741	7,556,450	6,360,159
0.36	40,649,218	7,248,063	6,100,599
0.35	38,943,882	6,943,989	5,844,662
0.34	37,263,081	6,644,290	5,592,397
0.33	35,607,180	6,349,030	5,343,886
0.32	33,976,559	6,058,279	5,099,160
0.31	32,371,615	5,772,104	4,858,301
0.30	30,792,768	5,490,585	4,621,341
0.29	29,240,454	5,213,794	4,388,379
0.28	27,715,136	4,941,818	4,159,462
0.27	26,217,302	4,674,744	3,934,673
0.26	24,747,465	4,412,661	3,714,075
0.25	23,306,168	4,155,667	3,497,767
0.24	21,893,988	3,903,865	3,285,829
0.23	20,511,541	3,657,363	3,078,343
0.22	19,159,478	3,416,281	2,875,440
0.21	17,838,500	3,180,739	2,677,183
0.20	16,549,357	2,950,877	2,483,719
0.19	15,292,853	2,726,833	2,295,130
0.18	14,069,860	2,508,763	2,111,593
0.17	12,881,325	2,296,838	1,933,224
0.16	11,728,277	2,091,241	1,760,168
0.15	10,611,844	1,892,172	1,592,619
0.14	9,533,269	1,699,854	1,430,741
0.13	8,493,930	1,514,532	1,274,761
0.12	7,495,371	1,336,482	1,124,891
0.11	6,539,331	1,166,014	981,422
0.10	5,627,792	1,003,478	844,615
0.09	4,763,045	849,287	714,826
0.08	3,947,774	703,918	592,480
0.07	3,185,188	567,943	478,029
0.06	2,479,217	442,064	372,077
0.05	1,834,829	327,164	275,369
0.04	1,258,599	224,419	188,898
0.03	759,813	135,481	114,028
0.02	353,142	62,970	53,001
0.01	67,969	12,121	10,204
0.00	0	0	0

TABLE V

TOTAL EXPERIENCE ALL INDUSTRIES - MANUAL YEARS 2003 - 2007

			DEATH	PERM. TOTAL		R PERM.		R PERM.	TEMPO		MEDICAL PURE
MAN	PAYROLL		NO. COMP.	NO. COMP.	NO.	COMP.	NO.	COMP.	NO.	COMP.	IN PREM.
YEAR	IN THOUS	LOSSES	IN	IN		IN		IN		IN	HUNDREDS
(1)	(0)	(2)	HUNDREDS	HUNDREDS	(0)	HUNDREDS	(10)	HUNDREDS	(10)	HUNDREDS	(14) (15)
(1)	(2)	(3)	(4) (5)	(6) (7)	(8)	(9)	(10)	(11)	(12)	(13)	(14) (15)
				A. EXPER	RIENCE A	AS REPORTED	)				
03	3,160	98,438	0	0		0	2	549		0	436 3.115
04	1,293	136,430	0	0	1	796		0		0	568 10.551
05	1,257	46,240	0	0		0		0	2	115	347 3.679
06	1,370	109,057	0	0		0	1	455		0	636 7.960
07	965	0	0	0		0		0		0	0 .000
ALL	8,045	390,165	0	0	1	796	3	1,004	2	115	1,987 4.850
		B. REPORTE	D PAYROLLS, TRA	ANSLATED LOSSES &	: PURE I	PREMIUMS (	EXCLUD	ING IBNR ANI	O FREQUE	ENCY TREND)	
03	3,160	228,571	0	0	1	0	2	958		0	1,328 7.233
04	1,293	158,427	0	0	_	923	_	0		0	661 12.253
05	1,257	246,210	0	0		0	2	953	1	98	1,411 19.587
06	1,370	119,143	0	0		0		514		16	661 8.697
07	965	0	0	0		0		0		0	0 .000
ALL	8,045	752,351	0	0	1	923	4	2,425	1	114	4,061 9.352
PURE 1	PREMIUM	9.352	.000	.000		1.147		3.014		.142	5.048
		C. REPORTE	D PAYROLLS, TRA	ANSLATED LOSSES &	: PURE I	PREMIUMS (	[INCLUD]	ING IBNR ANI	O FREQUI	ENCY TREND)	
03	3,160	340,848	0	0		0	3	1,436		0	1,972 10.786
04	1,293	158,427	0	0		923		0		0	661 12.253
05	1,257	134,098	0	0		0	1	477	1	98	767 10.668
06	1,370	119,143	0	0		0		514		16	661 8.697
07	965	0	0	0		0		0		0	0 .000
ALL	8,045	752,516	0	0		923	4	2,427	1	114	4,061 9.354
PURE 1	PREMIUM	9.354	.000	.000		1.147		3.017		.142	5.048

TABLE V

TOTAL MEDICAL EXPERIENCE ALL INDUSTRIES - MANUAL YEARS 2003 - 2007

MAN YEAR	PAYROLL IN THOUS	ALL I	DEATH NO. COMP. IN HUNDREDS	PERM. TOTAL NO. COMP. IN HUNDREDS	MAJOI NO.	COMP. IN HUNDREDS	MINOF NO.	COMP. IN HUNDREDS	TEMPO	ORARY 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. EXPER	RIENCE A	AS REPORTED	)					
03	3,160	43,551	0	0		0	2	220		0	215	1.378
04	1,293	56,807	0	0	1	551		0		0	17	4.393
05	1,257	34,694	0	0		0		0	2	347	0	2.760
06	1,370	63,593	0	0		0	1	619		0	17	4.642
07	965	0	0	0		0		0		0	0	.000
ALL	8,045	198,645	0	0	1	551	3	839	2	347	249	2.469
	:	B. REPORTEI	D PAYROLLS, TRA	ANSLATED LOSSES &	PURE 1	PREMIUMS (	EXCLUDI	ING IBNR AN	D FREQU	ENCY TREND)		
0.2	2 160	120 502	0	0	-	0	0	1 000		2	20	4 000
03	3,160	132,793	0	0	1	0	2	1,289		0	39	4.202
04	1,293	66,144				646	0	0	1	~		5.116
05	1,257	141,087	0	0		0	2	1,288	1	123		11.224
06	1,370	66,146	0	0		0		622		24	15	4.828
07	965	0	0	0		0		0		0	0	.000
ALL	8,045	406,170	0	0	1	646	4	3,199	1	147	69	5.049
PURE I	PREMIUM	5.049	.000	.000		.803		3.976		.183	.086	
		C. REPORTE	D PAYROLLS, TRA	ANSLATED LOSSES &	PURE 1	PREMIUMS (	INCLUD	ING IBNR AN	D FREQU	ENCY TREND)		
03	3,160	197,209	0	0		0	3	1,933		0	39	6.241
04	1,293	66,144	0	0		646	3	0		0	15	5.116
05	1,257	76,655	0	0		0	1	644	1	123	0	6.098
06	1,370	66,146	0	0		0	_	622	_	24	15	4.828
07	965	00,140	0	0		0		0		0	0	.000
ALL	8,045	406,154	0	0		646	4	3,199	1	147	69	5.049
PURE I	PREMIUM	5.049	.000	.000		.803		3.976		.183	.086	

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.						NUMBER OF CASES				
YEAR	IN THOUS	LOSSES	REPORTED					DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003													
2004													
2005													
2006	59	920	1.559										
2007	3												
TOTAL	62	920	1.484										

MANUAL	INDEMNITY					MEDICAL					
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2006											92
											<b>-</b>
TOTAL											92

					TRAN	SLATED LOSSES					
MANUAL			INDEMNITY						MEDICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2006											844
TOTAL											844

			SERIOUS	NON-SEF	RIOUS	MED. ONLY	TOTAL					
TOTAL TRAN	S. LOSSES F	G B				844						
TOTAL TRAN	S. LOSSES PO	G A										
IBNR + FREQ	<b>UENCY ADJU</b>	ST.										
TOTAL LOSS	ES					844						
EXPECTED LO	OSSES		1,77	8	1,053	46						
CREDIBILITY .00 .00 .00												
PURE PREMIUMS												
INDICAT	ED (PRE-TES	ST)	.00	0	.000	1.361	1.361					
INDICAT	ED (POST-TE	ST)	.00	0	.000	1.954	1.954					
PRES. O	N RATE LEVE	EL .	3.02	5	1.792	.078	4.895					
DERIVE	D BY FORMUI	LA.	3.02	5	1.792	.078	4.895					
UNDERL	YING PRES.	RATE	2.86	8	1.699	.074	4.641					
PROPOS	SED		3.02	5	1.792	.078	4.895					
YEAR				12-1-10	IND. R	ATE	7.158					
IND. RATES				7.16	MINIMU	JM PREMIUM						
MAN. RATES	7.65	7.66	7.66	+ 7.16	PRESE	NT	2070					

MANUAL	PAYROLL	TOTAL REPT.	PURE P	REM.						N	UMBER OF	CASES		
YEAR	IN THOUS	LOSSES	REPOR						DEATH	P.T.	MAJOR		TEMP	ALL
2003														
2004	37													
2005	24													
2006														
2007														
TOTAL	61													
						REP	ORTED LOSSES							
//ANUAL			INDEMI						MEDI					
YEAR	DEATH	P.T.	MAJO	)R	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOF	₹	TEMP	MED	ONLY
TOTAL														
						TRAN	SLATED LOSSES							
//ANUAL			INDEMI							IEDICAL				
YEAR	DEATH	P.T.	MAJO	)R	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOF	₹	TEMP	MED	ONLY
TOTAL														
	•				SERIOUS	NON-SERIOUS	MED. ONLY	TOTAL						
	:	TOTAL TRANS. I	OSSES PG		3LKIO03	NON-SERIOUS	WIED. ONL!	TOTAL						
		TOTAL TRANS. I												
		IBNR + FREQUE				-360								
		TOTAL LOSSES				-300								
		EXPECTED LOS		<u> </u>	1,751	1,071	46							
	-	CREDIBILITY	ULU	-	.00		.00							
	-	PURE PREMIUM	9	l l	.00	.00	.00							
					.000	.000	.000	.000						
		INDICATED (PRE-TEST)			.000		.000							
		INDICATED (POST-TEST) PRES. ON RATE LEVEL						.000						
					3.028		.079	4.959						
		DERIVED BY FORMULA			3.028		.079	4.959						
		UNDERLYING PRES. RATE			2.871		.075	4.702						
		PROPOSEI	)		3.028	1.852	.079	4.959						
	•		12-1-06	12-1-08	12-1-09	12-1-10 IND. R		7.252						
		IND RATES   12-1-06   12-1-06					IIIM DDEMIIIM							

2095

+PROPOSED

7.76

7.76

7.25 MINIMUM PREMIUM
7.76 + 7.25 PRESENT

IND. RATES MAN. RATES

IND. RATES

MAN. RATES

MANUAL	PAYROLL	TOTAL REP		E PREM.							UMBER OF			
YEAR	IN THOUS	LOSSES	REI	PORTED					DEATH	P.T.	MAJOR	MINOR	TEMP	AL
2003	14													
2004														
2005														
2006														
2007														
TOTAL	14													ļ
						REPO	ORTED LOSSES							
IANUAL				EMNITY						ICAL				
YEAR	DEATH	P.T.	N	IAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOF	₹	TEMP	MED	ONLY
TOTAL														
						TRANS	SLATED LOSSES							
//ANUAL				EMNITY						MEDICAL				
YEAR	DEATH	P.T.	N	IAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOF	₹ .	TEMP	MED	ONLY
TOTAL														
					SERIOUS	NON-SERIOUS	MED. ONLY	TOTAL						
		TOTAL TRANS	. LOSSES	PG B	•									
		TOTAL TRANS												
		IBNR + FREQU		UST.		85								
		TOTAL LOSSE				85								
		EXPECTED LO	SSES		447		14							
		CREDIBILITY			.00	.00	.00							
		PURE PREMIU												
			ED (PRE-TE		.000		.000	.607						
		INDICATED (POST-TEST)			.000		.000	.233						
		PRES. ON RATE LEVEL			3.367		.107	5.572						
		DERIVED BY FORMULA			3.367		.107	5.572						
		UNDERLYING PRES. RATE			3.192		.102	5.283						
		PROPOSED			3.367	2.098	.107	5.572						
		YEAR	12-1-06	12-1-08	12-1-09	12-1-10 IND. R	ATE	8.149						
		IND DATES	12-1-00	12-1-08	12-1-09		HIE IIM DDEMIIIM	0.149						

8.15 MINIMUM PREMIUM

2320

+PROPOSED

8.72

8.71

8.72 + 8.15 PRESENT

INDICATED (PRE-TEST)

PRES. ON RATE LEVEL

PROPOSED

YEAR

IND. RATES

MAN. RATES

INDICATED (POST-TEST)

DERIVED BY FORMULA UNDERLYING PRES. RATE

12-1-06

10.96

12-1-08

10.97

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.						NU	JMBER OF	CASES		
YEAR	IN THOUS	LOSSES	REPORTED					DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003													
2004									1	1			
2005	76												
2006	110												
2007	36												
TOTAL	222									1			
			INDEMANTY		REP	ORTED LOSSES		MEDI	0.4.1				
MANUAL YEAR	DEATH	D T	INDEMNITY	MINOR	TEMP	DEATH	D T	MEDI	MINOR	, 1	TEMP	MED	N ONLL V
YEAR	DEATH	P.T.	MAJOR	MINOR	IEMP	DEATH	P.T.	MAJOR	MINOR		IEMP	MEL	O. ONLY
TOTAL													
					TRAN	SLATED LOSSES							
MANUAL			INDEMNITY					M	IEDICAL				
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR		TEMP	MED	O. ONLY
TOTAL													
				SERIOUS	NON-SERIOUS	MED. ONLY	TOTAL						
	;	TOTAL TRANS. LO	SSES PG B	OLINIOUS .	NON CENIOUS	INED. ONET	IOIAL						
		TOTAL TRANS. LO											
		IBNR + FREQUENC			-1,610								
		TOTAL LOSSES	7. 7.50001.		1,010								
		EXPECTED LOSSE	S	9,017	5,501	238							
		CREDIBILITY		.00	.00	.00							
		PURE PREMIUMS				.00							
	-	INDICATED		200		202							

.000

.000

2.614

2.614

2.478

2.614

+ 10.25 PRESENT

IND. RATE

10.25 MINIMUM PREMIUM

.000

.000

.113

.113

.107

.113

.000

.000

7.011

7.011

6.647

7.011

10.253

2850

+PROPOSED

12-1-10

.000

.000

4.284

4.284

4.062

4.284

10.97

12-1-09

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.				NU	MBER OF	CASES		
YEAR	IN THOUS	LOSSES	REPORTED			DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003	1,870	77,055	4.120						2		2
2004	219	135,698	61.962					1			1
2005	11										
2006	25										
2007	35										
TOTAL	2,160	212,753	9.850					1	2		3

					REP	ORTED LOSSES					
MANUAL			INDEMNITY					MED	ICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2003				54,887					22,030		138
2004			79,623					55,149			926
TOTAL			79,623	54,887				55,149	22,030		1,064

					TRAN	SLATED LOSSES					
MANUAL			INDEMNITY						MEDICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2003				95,778					128,854		25
2004			92,283					64,634			844
											1
											1
TOTAL			92,283	95,778				64,634	128,854		869
-				•				,	,		

			SERIOUS	NON-SE	RIOUS	MED. ONLY	TOTAL					
TOTAL TRAN	S. LOSSES P	G B	156,91	7	224,632	869						
TOTAL TRAN	S. LOSSES PO	G A	•									
IBNR + FREQ	<b>UENCY ADJU</b>	ST.			39,559							
TOTAL LOSS	ES		156,91	7	264,191	869						
EXPECTED LO	OSSES		240,47	3	152,582	6,242						
CREDIBILITY			.0	0	.01	.01						
PURE PREMIUMS												
INDICAT	ED (PRE-TES	ST)	7.26	5	12.231	.040	19.536					
INDICAT	ED (POST-TE	ST)	17.72	7	4.697	.057	22.481					
PRES. O	N RATE LEVE	EL .	11.74	2	7.450	.305	19.497					
DERIVE	D BY FORMUL	_A	11.74	2	7.422	.303	19.467					
UNDERL	YING PRES.	RATE	11.13	3	7.064	.289	18.486					
PROPOS	SED		11.76	0	7.433	.304	19.497					
	<del>-</del>											
YEAR			12-1-09	12-1-10	IND. R	ATE	28.514					
IND. RATES				28.51 MINIMUM PREMIUM								
MAN. RATES	AN. RATES 30.47 30.		30.51	+ 28.51	PRESE	NT	3650					

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.				NU	MBER OF	CASES		
YEAR	IN THOUS	LOSSES	REPORTED			DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003	158	20,145	12.750								
2004	113										
2005	18										
2006	14										
2007	16										
TOTAL	319	20,145	6.315	•							
					·						

					REP	ORTED LOSSES					
MANUAL			INDEMNITY					MED	ICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2003											20,145
TOTAL											20,145
											20,1.10

					TRAN	SLATED LOSSES					
MANUAL			INDEMNITY						MEDICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2003											3,687
TOTAL											3,687

			SERIOUS	NON-SE	RIOUS	MED. ONLY	TOTAL
TOTAL TRANS	S. LOSSES P	G B				3,687	
TOTAL TRANS	S. LOSSES PO	G A					
IBNR + FREQU	<b>JENCY ADJU</b>	ST.			812		
TOTAL LOSSI	ES				812	3,687	
EXPECTED LO	OSSES		13,21	7	7,915	344	
CREDIBILITY			.0	0	.00	.00	
<b>PURE PREMIL</b>	JMS						-
INDICAT	ED (PRE-TES	ST)	.00	0	.255	1.156	1.411
INDICAT	ED (POST-TE	ST)	.00	0	.098	1.660	1.758
PRES. O	N RATE LEVE	EL	4.36	9	2.617	.114	7.100
DERIVE	BY FORMUL	_A	4.36	9	2.617	.114	7.100
UNDERL	YING PRES.	RATE	4.14	3	2.481	.108	6.732
PROPOS	SED		4.36	9	2.617	.114	7.100
YEAR	12-1-06	12-1-08	12-1-09	12-1-10	IND. R		10.383
IND. RATES				10.38		JM PREMIUM	
MAN. RATES	11.10	11.11	11.11	+ 10.38	PRESE	NT	2880

+PROPOSED

YEAR

IND. RATES

MAN. RATES

12-1-06

12.58

12-1-08

12.59

11.765

3230

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.							UMBER OF			
YEAR	IN THOUS	LOSSES	REPORTED					DEA	H P.T.	MAJOR	MINOR	TEMP	ALL
2003													
2004	_												
2005	8												
2006													
2007													
TOTAL	8												
					REPO	ORTED LOSSES							
MANUAL			INDEMNITY					M	DICAL				
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINO	R	TEMP	MED	ONLY
TOTAL													
					•	•	•		•	•		•	
					TRANS	SLATED LOSSES							
MANUAL			INDEMNITY						MEDICAL				
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINO	R	TEMP	MED	ONLY
TOTAL													
TOTAL													
TOTAL				SERIOUS	NON-SERIOUS	MED, ONLY	TOTAL						
TOTAL		TOTAL TRANS LO	SSES PG B	SERIOUS	NON-SERIOUS	MED. ONLY	TOTAL						
TOTAL		TOTAL TRANS. LO	SSES PG B	SERIOUS	NON-SERIOUS	MED. ONLY	TOTAL						
TOTAL		TOTAL TRANS. LO	SSES PG A	SERIOUS		MED. ONLY	TOTAL						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC	SSES PG A	SERIOUS	NON-SERIOUS -192	MED. ONLY	TOTAL						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES	SSES PG A CY ADJUST.		-192		TOTAL						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE	SSES PG A CY ADJUST.	376	-192 224	10	TOTAL						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY	SSES PG A CY ADJUST.		-192		TOTAL						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY PURE PREMIUMS	SSES PG A CY ADJUST.	376 .00	-192 224 .00	10							
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY PURE PREMIUMS INDICATED (	SSES PG A CY ADJUST. CS  PRE-TEST)	376 .00	-192 224 .00	.000	.000						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY PURE PREMIUMS INDICATED ( INDICATED (	PRE-TEST)	.000 .000	-192 224 .00 .000	.000 .000	.000						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY PURE PREMIUMS INDICATED (INDICATED (FORE) PRES. ON RA	PRE-TEST) TE LEVEL	.00 .000 .000 4.960	-192 224 .00 .000 .000 2.959	.000 .000 .000 .126	.000 .000 8.045						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY PURE PREMIUMS INDICATED ( INDICATED (	PRE-TEST) TE LEVEL	.000 .000	-192 224 .00 .000	.000 .000	.000						
TOTAL		TOTAL TRANS. LO IBNR + FREQUENC TOTAL LOSSES EXPECTED LOSSE CREDIBILITY PURE PREMIUMS INDICATED ( INDICATED ( PRES. ON RA DERIVED BY	PRE-TEST) TE LEVEL	.00 .000 .000 4.960	-192 224 .00 .000 .000 2.959	.000 .000 .000 .126	.000 .000 8.045						

+PROPOSED

12-1-09

12-1-10 IND. RATE

11.77 MINIMUM PREMIUM
12.59 + 11.77 PRESENT

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.				NU	MBER OF	CASES		
YEAR	IN THOUS	LOSSES	REPORTED			DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003	780	1,238	.158								
2004	664	422	.063								
2005	800	46,057	5.757							1	1
2006	747										
2007	714										
TOTAL	3,705	47,717	1.288							1	1

					REP	ORTED LOSSES					
MANUAL			INDEMNITY					MED	ICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2003											1,238
2004											422
2005					11,414					34,643	
TOTAL					11,414					34,643	1,660
								•			

					TRAN	SLATED LOSSES					
MANUAL			INDEMNITY						MEDICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2003 2004 2005				94,269	9,665				128,644	12,233	227 384
TOTAL				94,269	9,665				128,644	12,233	611
											_

•	•		SERIOUS	NON-SE	RIOUS	MED. ONLY	TOTAL
<b>TOTAL TRAN</b>	S. LOSSES P	G B			244,811	611	
TOTAL TRAN	S. LOSSES PO	G A					
IBNR + FREQ	UENCY ADJU	ST.			-5,897		
<b>TOTAL LOSS</b>	ES				238,914	611	
EXPECTED L	OSSES		81,32	5	48,943	2,186	
<b>CREDIBILITY</b>			.0	0	.01	.01	
<b>PURE PREMI</b>	UMS					-	
INDICAT	ED (PRE-TES	ST)	.00	0	6.448	.016	6.464
INDICAT	ED (POST-TE	ST)	.00	0	2.476	.023	2.499
PRES. C	N RATE LEVE	EL	2.31	5	1.394	.062	3.771
DERIVE	D BY FORMUL	-A	2.31	5	1.405	.062	3.782
UNDERL	YING PRES. I	RATE	2.19	5	1.321	.059	3.575
PROPOS	SED		2.30	8	1.401	.062	3.771
YEAR	12-1-06	12-1-08	12-1-09	12-1-10	IND. R	ATE	5.515
IND. RATES				5.52	MINIMU	JM PREMIUM	
MAN. RATES	5.90	5.90	5.90	+ 5.52	PRESE	NT	1655

MANUAL	PAYROLL	TOTAL REPT.	PURE PREM.				NU	MBER OF	CASES		
YEAR	IN THOUS	LOSSES	REPORTED			DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003	220										
2004	180	310	.172								
2005	186	183	.098							1	1
2006	334	108,137	32.376						1		1
2007	84										
TOTAL	1,004	108,630	10.820						1	1	2

					REP	ORTED LOSSES					
MANUAL			INDEMNITY					MED	ICAL		
MANUAL YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2004 2005					132					51	310
2006				45,464					61,906		767
TOTAL				45,464	132				61,906	51	1,077

					TRAN	SLATED LOSSES					
MANUAL			INDEMNITY						MEDICAL		
YEAR	DEATH	P.T.	MAJOR	MINOR	TEMP	DEATH	P.T.	MAJOR	MINOR	TEMP	MED. ONLY
2004 2005 2006				1,080 51,354	109 1,643				193 62,191	17 2,408	282 703
TOTAL				52,434	1,752				62,384	2,425	985

-			SERIOUS	NON-SE	RIOUS	MED. ONLY	TOTAL
TOTAL TRAN	S. LOSSES F	PG B	02000		118.995	985	
TOTAL TRAN					,		
IBNR + FREQ	UENCY ADJU	ST.			-496		
TOTAL LOSS	ES				118,499	985	
EXPECTED LO	OSSES		8,72	4	5,412	220	
CREDIBILITY			.0	0	.00	.00	
PURE PREMI	UMS	•		•			
INDICAT	ED (PRE-TE	ST)	.00	0	11.803	.098	11.901
INDICAT	ED (POST-TE	ST)	.00	0	4.532	.141	4.673
PRES. O	N RATE LEVI	EL	.91	7	.568	.023	1.508
DERIVE	D BY FORMU	LA	.91	7	.568	.023	1.508
UNDERL	YING PRES.	RATE	.86	9	.539	.022	1.430
PROPOS	SED		.91	7	.568	.023	1.508
YEAR	12-1-06	12-1-08	12-1-09	12-1-10	IND. R	ATE	2.205
IND. RATES				2.21	MINIM	UM PREMIUM	
MAN. RATES	2.37	2.36	2.36	+ 2.21	PRESE	NT	825

IND. RATES

MAN. RATES

1025

MANUAL	PAYROLL	TOTAL REPT		E PREM.									UMBER OF		•	
YEAR	IN THOUS	LOSSES	REP	ORTED							DEATH	P.T.	MAJOR	MINOR	TEMP	ALL
2003	118															
2004	80															
2005	134															
2006	81															
2007	77															
TOTAL	490															
l l						1		<u> </u>		I				1		
							REPORT	ED LOSSES								
MANUAL	DEATH			EMNITY	MINOR			DEATH			MEDIC			TEMP		
YEAR	DEATH	P.T.	IVI.	AJOR	MINOR	TEMP		DEATH	P.T.	MAJ	OR .	MINOR	<u> </u>	TEMP	MEL	ONLY
TOTAL																
MANUAL			IND			Т	RANSLA	TED LOSSES			841	EDICAL				
YEAR	DEATH	P.T.		EMNITY AJOR	MINOR	TEMP		DEATH	P.T.	MAJ		MINOR		TEMP	MED	ONLY
													-			
TOTAL																
	,				SERIOUS	NON-SERIO	us I w	IED. ONLY	TOTAL	•						
	;	TOTAL TRANS.	LOSSES	PG B						•						
	,	TOTAL TRANS.	LOSSES P	G A												
		IBNR + FREQUE		IST.			566	_								
		TOTAL LOSSES														
		EXPECTED LOS	SES		5,855		522	153								
		CREDIBILITY			.00		.00	.00								
		PURE PREMIUN		CT)		1	000	000								
		INDICATE			.000		000	.000	.000							
		INDICATE			.000		000 758	.000	.000 2.051	•						
		PRES. ON DERIVED I			1.260 1.260		758	.033	2.051							
		UNDERLY			1.260		719	.033	1.945							
		PROPOSE		RAIE	1.195		719 758	.033	2.051	•						
	•	11101 001			1.200	<u> </u>		.000	2.001							
	•	YEAR	12-1-06	12-1-08	12-1-09	12-1-10 IN	ID. RATE		2.999							

3.00 MINIMUM PREMIUM
3.21 + 3.00 PRESENT

+PROPOSED

3.21

3.21