

PENNSYLVANIA COMPENSATION RATING BUREAU

Review Of Experience Rating Plan Results – Uncapped Experience Modification Values

Attached are exhibits routinely prepared in review of the results of the experience rating plan. The first section of the attachments is a report titled “Comparison of Actual Loss Ratios and Manual Loss Ratios”. This report addresses each Industry Group (3) and Manual Year (5) on a separate page, and displays comparative loss ratios computed on both Manual and Standard bases for selected risk sizes and experience modification values. Pages are also shown for all Industry Groups combined by year, and for all Industry Groups and Years combined.

Bureau Filing No. 208, approved effective April 1, 2004 revised various parameters within the Experience Rating Plan. The premiums and loss ratios contained in this report have been adjusted to reflect the experience as it would have been if the revisions of Filing No. 208 had been in place for the entire experience period shown. The experience modification factors used to generate this report are on an uncapped basis, consistent with testing used in the design of the Experience Rating Plan effective April 1, 2004.

COMPARISON OF ACTUAL LOSS RATIOS AND MANUAL LOSS RATIOS

FOR MANUAL YEAR 2003 INDUSTRY GRP = 1

EXP-MOD	UP TO - 2,499					\$2,500 - 4,999					\$5,000 - 7,499					\$7,500 - 9,999								
	RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR					
0- 60											1					3								
61- 80	17	12	.03	.02		14	40	.03	.03		33	162	.06	.04		33	230	.71	.56					
81- 85	192	235	.17	.14		636	2,002	.41	.34		612	3,136	.48	.40		424	3,032	.48	.40					
86- 90	29	37	.57	.50		113	386	.20	.17		126	677	1.39	1.22		95	722	.41	.36					
91- 95	30	41	.26	.25		70	244	2.11	1.95		67	390	.47	.44		60	488	.40	.37					
96- 99	59	79	.03	.03		52	195	.85	.83		58	346	.89	.87		47	402	.54	.53					
100-100	4,172	4,416	.57	.57		1,091	3,731	.71	.71		227	1,347	.46	.46		93	807	.52	.52					
CREDITS	4,499	4,820	.54	.53		1,976	6,598	.64	.59		1,124	6,061	.59	.52		752	5,681	.49	.42					
101-105	19	28	.37	.38		39	157	.13	.13		29	189	.46	.48		29	262	.88	.90					
106-110	11	18	1.31	1.42		22	91	.23	.25		20	135	1.11	1.20		20	191	4.07	4.37					
111-115	11	14				10	46	.08	.09		25	179	.86	.97		18	186	.23	.26					
116-120	1	1				15	73	.83	.98		15	114	.79	.93		15	152	.19	.22					
121-130	8	14				21	102	.24	.30		31	239	1.29	1.62		20	221	1.12	1.40					
131-140	10	19	.01	.01		20	112	.14	.19		22	176	.11	.15		15	179	.56	.75					
141- UP	40	105	10.41	20.64		85	663	1.01	2.10		102	1,262	.48	.97		76	1,268	.49	.95					
CHARGES	100	199	5.66	8.32		212	1,244	.66	.99		244	2,293	.62	.94		193	2,458	.83	1.21					
TOTALS	4,599	5,019	.74	.74		2,188	7,842	.64	.64		1,368	8,355	.60	.60		945	8,139	.59	.58					
		\$10,000 - 14,999					\$15,000 - 24,999					\$25,000 - 49,999					\$50,000 - 99,999							
EXP-MOD	RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR					
0- 60	2	14	.23	.13		2	24	.48	.24		8	172	1.65	.80		6	207	.09	.04					
61- 80	107	1,069	.77	.61		296	4,561	.59	.46		337	8,836	.60	.45		243	12,235	.68	.49					
81- 85	423	4,249	.66	.55		253	3,915	.74	.61		166	4,835	.67	.56		64	3,705	.69	.57					
86- 90	136	1,462	.93	.81		115	1,945	1.07	.94		113	3,494	.71	.63		66	4,120	.59	.52					
91- 95	77	901	.35	.33		92	1,638	.75	.70		91	3,035	.70	.65		69	4,375	.49	.46					
96- 99	55	652	.09	.09		64	1,212	.58	.56		81	2,903	1.14	1.11		43	2,954	1.22	1.19					
100-100	82	1,003	1.07	1.07		73	1,382	.47	.47		80	2,776	.98	.98		54	3,745	1.53	1.53					
CREDITS	882	9,350	.69	.59		895	14,677	.70	.59		876	26,052	.75	.63		545	31,341	.79	.65					
101-105	39	502	.85	.88		38	763	1.74	1.78		74	2,817	.70	.72		51	3,587	.87	.89					
106-110	34	447	1.02	1.10		47	1,015	.34	.37		75	2,825	.89	.96		43	2,993	1.15	1.24					
111-115	23	330	.96	1.08		40	891	.32	.36		61	2,480	.80	.90		51	4,226	.84	.95					
116-120	20	298	1.88	2.21		33	773	.34	.40		54	2,298	.62	.73		37	2,987	.85	1.00					
121-130	43	664	1.58	1.97		66	1,639	.77	.96		72	3,267	1.37	1.71		58	5,066	.56	.70					
131-140	23	382	.81	1.09		54	1,404	1.09	1.47		47	2,350	.69	.93		38	3,529	.91	1.23					
141- UP	142	3,024	1.13	1.98		124	4,267	.83	1.46		132	7,958	1.02	1.74		78	9,394	.95	1.63					
CHARGES	324	5,647	1.16	1.64		402	10,752	.80	1.08		515	23,995	.92	1.19		356	31,782	.87	1.12					
TOTALS	1,206	14,997	.87	.88		1,297	25,429	.74	.75		1,391	50,048	.83	.84		901	63,123	.83	.84					
		\$100,000 - 249,999					\$250,000 AND OVER					ALL RISKS												
EXP-MOD	RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR					
0- 60	26	2,210	.62	.33		39	21,388	.64	.32		84	24,019	.64	.32										
61- 80	178	20,909	.57	.41		127	77,205	.64	.45		1,385	125,259	.63	.45										
81- 85	63	8,500	.60	.50		55	26,956	.47	.39		2,888	60,563	.55	.45										
86- 90	41	5,593	.76	.66		53	39,364	.51	.45		887	57,801	.59	.52										
91- 95	42	6,227	.83	.77		36	22,095	.66	.61		634	39,435	.67	.62										
96- 99	42	6,537	.87	.85		29	17,681	.83	.81		530	32,961	.87	.85										
100-100	46	7,538	1.16	1.16		20	12,408	.87	.87		5,938	39,151	.92	.92										
CREDITS	438	57,514	.73	.60		359	217,096	.63	.48		12,346	379,191	.67	.53										
101-105	36	6,105	.82	.83		37	17,474	1.19	1.23		391	31,883	1.03	1.06										
106-110	40	6,450	1.28	1.38		20	9,947	.68	.74		332	24,112	.95	1.02										
111-115	38	6,603	.76	.86		20	14,082	.64	.71		297	29,036	.70	.79										
116-120	33	5,963	.56	.66		12	5,633	.57	.67		235	18,292	.63	.74										
121-130	40	8,543	.68	.85		24	16,476	1.43	1.80		383	36,230	1.09	1.37										
131-140	23	4,635	.85	1.15		15	9,789	1.49	2.01		267	22,575	1.12	1.52										
141- UP	62	15,720	.92	1.51		28	20,412	1.15	1.86		869	64,072	1.02	1.70										
CHARGES	272	54,019	.85	1.07		156	93,812	1.08	1.33		2,774	226,201	.96	1.22										
TOTALS	710	111,533	.79	.78		515	310,909	.76	.66		15,120	605,392	.78	.72										

COMPARISON OF ACTUAL LOSS RATIOS AND MANUAL LOSS RATIOS

FOR MANUAL YEAR 2007 INDUSTRY GRP = 2

Table with 5 columns of risk categories and 5 columns of ratios. Row headers include EXP-MOD (0-60 to 141-UP), RISKS, STD PREM, ACT LR, and MAN LR. Sub-headers range from UP TO - 2,499 to \$7,500 - 9,999.

Table with 5 columns of risk categories and 5 columns of ratios. Row headers include EXP-MOD (0-60 to 141-UP), RISKS, STD PREM, ACT LR, and MAN LR. Sub-headers range from \$10,000 - 14,999 to \$50,000 - 99,999.

Table with 5 columns of risk categories and 5 columns of ratios. Row headers include EXP-MOD (0-60 to 141-UP), RISKS, STD PREM, ACT LR, and MAN LR. Sub-headers range from \$100,000 - 249,999 to ALL RISKS.

COMPARISON OF ACTUAL LOSS RATIOS AND MANUAL LOSS RATIOS FOR MANUAL YEAR 2006

Table with columns: EXP-MOD, RISKS, STD PREM, ACT LR, MAN LR, and multiple manual loss ratio columns for ranges: UP TO - 2,499, \$2,500 - 4,999, \$5,000 - 7,499, and \$7,500 - 9,999. Includes rows for various age groups and a TOTALS row.

Table with columns: EXP-MOD, RISKS, STD PREM, ACT LR, MAN LR, and manual loss ratio columns for ranges: \$10,000 - 14,999, \$15,000 - 24,999, \$25,000 - 49,999, and \$50,000 - 99,999. Includes rows for various age groups and a TOTALS row.

Table with columns: EXP-MOD, RISKS, STD PREM, ACT LR, MAN LR, and manual loss ratio columns for ranges: \$100,000 - 249,999, \$250,000 AND OVER, and ALL RISKS. Includes rows for various age groups and a TOTALS row.

COMPARISON OF ACTUAL LOSS RATIOS AND MANUAL LOSS RATIOS

FOR ALL MANUAL YEARS

EXP-MOD	RISKS	UP TO - 2,499				\$2,500 - 4,999				\$5,000 - 7,499				\$7,500 - 9,999			
		STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR	RISKS	STD PREM	ACT LR	MAN LR	RISKS	STD PREM	ACT LR	MAN LR
0- 60	189	73	.60	.28	78	141	1.46	.70	43	129	2.96	1.45	32	136	.11	.05	
61- 80	1,587	1,075	1.62	1.21	734	2,041	.71	.53	609	2,904	.80	.61	664	4,459	.54	.42	
81- 85	11,039	12,442	1.32	1.11	28,741	93,607	.66	.56	26,105	134,511	.60	.51	16,656	120,446	.49	.41	
86- 90	2,716	3,066	.69	.61	7,560	25,874	.94	.82	7,590	40,986	.67	.58	4,975	37,689	.66	.57	
91- 95	1,451	1,647	1.32	1.22	2,521	9,090	1.01	.93	2,764	15,862	.86	.80	2,092	16,857	.68	.63	
96- 99	1,485	1,657	1.22	1.19	1,836	6,849	.63	.61	1,816	10,948	.58	.57	1,404	11,848	.94	.92	
100-100	700,588	496,245	.67	.67	84,544	285,795	.61	.61	16,942	101,910	.71	.71	6,803	58,490	.91	.91	
CREDITS	719,055	516,206	.70	.69	126,014	423,398	.65	.62	55,869	307,249	.66	.60	32,626	249,924	.65	.57	
101-105	724	862	1.34	1.38	1,244	4,965	.76	.78	1,368	8,711	1.37	1.40	1,026	9,115	.90	.93	
106-110	528	659	2.93	3.16	836	3,482	1.00	1.07	902	6,038	.90	.97	698	6,544	.90	.97	
111-115	451	590	1.91	2.15	601	2,649	.76	.86	727	5,095	.76	.86	548	5,378	.63	.71	
116-120	395	542	1.20	1.42	492	2,248	.87	1.03	549	3,998	.75	.88	466	4,787	1.21	1.42	
121-130	652	943	3.20	4.00	978	4,759	.88	1.11	943	7,294	1.24	1.56	713	7,784	.89	1.11	
131-140	412	629	2.55	3.44	596	3,092	1.30	1.76	663	5,547	.68	.92	553	6,507	.74	1.01	
141- UP	1,918	4,777	3.42	7.02	3,979	32,986	1.00	2.14	4,120	51,494	.69	1.39	3,000	49,271	.84	1.60	
CHARGES	5,080	9,001	2.87	4.32	8,726	54,181	.97	1.55	9,272	88,177	.82	1.26	7,004	89,386	.86	1.26	
TOTALS	724,135	525,207	.73	.73	134,740	477,578	.69	.69	65,141	395,427	.70	.69	39,630	339,309	.70	.70	

EXP-MOD	RISKS	\$10,000 - 14,999				\$15,000 - 24,999				\$25,000 - 49,999				\$50,000 - 99,999			
		STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR	RISKS	STD PREM	ACT LR	MAN LR	RISKS	STD PREM	ACT LR	MAN LR
0- 60	47	299	1.02	.51	73	687	.28	.14	93	1,768	1.22	.62	84	3,232	4.21	2.22	
61- 80	1,731	17,093	.84	.66	5,049	79,635	.62	.48	8,604	235,163	.58	.45	5,927	306,339	.56	.41	
81- 85	18,337	185,955	.53	.44	13,206	206,908	.61	.51	6,889	193,783	.65	.54	2,386	135,976	.68	.57	
86- 90	5,595	59,552	.75	.65	4,592	77,063	.71	.62	3,363	102,788	.71	.63	1,767	108,115	.64	.56	
91- 95	2,812	32,136	.74	.69	2,825	50,752	.87	.80	2,527	81,932	.74	.68	1,570	102,689	.62	.57	
96- 99	1,800	21,576	.70	.69	1,773	33,536	.74	.72	1,833	63,381	.64	.63	1,264	86,698	.67	.66	
100-100	5,758	69,562	.77	.77	3,769	71,562	.79	.79	2,428	83,413	.73	.73	1,081	74,160	.84	.84	
CREDITS	36,080	386,173	.65	.57	31,287	520,144	.69	.59	25,737	762,227	.66	.56	14,079	817,208	.65	.54	
101-105	1,382	17,487	.85	.87	1,484	29,580	.85	.88	1,814	66,337	.74	.76	1,399	100,529	.64	.66	
106-110	946	12,557	.63	.68	1,088	23,041	.64	.69	1,592	62,112	.72	.78	1,102	83,420	.64	.69	
111-115	766	10,614	.71	.80	942	20,818	.62	.70	1,471	59,727	.66	.75	1,009	80,070	.66	.74	
116-120	619	9,068	1.17	1.38	917	21,458	.69	.81	1,282	53,875	.65	.76	808	66,694	.89	1.05	
121-130	1,092	16,834	.89	1.12	1,623	40,473	.76	.96	2,106	92,830	.71	.89	1,272	112,403	.66	.82	
131-140	908	15,231	.69	.93	1,451	38,266	.59	.80	1,440	68,958	.67	.91	862	80,926	.72	.98	
141- UP	4,091	89,784	.65	1.16	3,724	123,832	.72	1.25	3,228	193,944	.72	1.22	1,935	232,203	.80	1.35	
CHARGES	9,804	171,574	.73	1.03	11,229	297,469	.71	.96	12,933	597,783	.70	.91	8,387	756,245	.72	.93	
TOTALS	45,884	557,747	.67	.67	42,516	817,612	.69	.69	38,670	1360,010	.68	.68	22,466	1573,453	.68	.69	

EXP-MOD	RISKS	\$100,000 - 249,999				\$250,000 AND OVER				ALL RISKS			
		STD PREM	ACT LR	MAN LR		RISKS	STD PREM	ACT LR	MAN LR	RISKS	STD PREM	ACT LR	MAN LR
0- 60	226	21,241	.48	.27	398	178,338	.57	.29	1,263	206,045	.63	.32	
61- 80	3,835	426,325	.55	.39	2,079	1219,269	.48	.34	30,819	2294,303	.52	.38	
81- 85	1,342	170,746	.57	.48	729	455,915	.50	.41	125,430	1710,289	.58	.48	
86- 90	1,141	153,353	.63	.56	729	508,283	.52	.46	40,028	1116,768	.61	.54	
91- 95	1,042	147,617	.67	.62	661	539,618	.55	.51	20,265	998,200	.63	.58	
96- 99	877	133,596	.59	.58	593	501,705	.59	.57	14,681	871,794	.62	.60	
100-100	599	92,526	.71	.71	282	202,399	.65	.65	822,794	1536,062	.69	.69	
CREDITS	9,062	1145,405	.60	.49	5,471	3605,527	.53	.42	55,280	8733,460	.60	.50	
101-105	928	149,449	.61	.63	525	307,027	.68	.70	11,894	694,061	.69	.71	
106-110	809	135,977	.74	.79	426	243,432	.83	.90	8,927	577,263	.76	.82	
111-115	704	124,926	.64	.73	353	255,184	.76	.86	7,572	565,050	.70	.79	
116-120	590	106,258	.70	.82	289	184,895	.76	.89	6,407	453,823	.76	.89	
121-130	875	168,795	.70	.88	430	289,865	.70	.88	10,684	741,981	.72	.90	
131-140	582	121,631	.71	.96	270	201,717	.69	.93	7,737	542,504	.70	.94	
141- UP	1,197	303,953	.83	1.39	475	426,307	.71	1.20	27,667	1508,551	.76	1.32	
CHARGES	5,685	1110,989	.72	.91	2,768	1908,427	.73	.90	80,888	5083,232	.73	.94	
TOTALS	14,747	2256,394	.66	.65	8,239	5513,954	.60	.55	136,168	13816,692	.65	.62	