

**Exhibit 7  
As Filed**

PENNSYLVANIA COMPENSATION RATING BUREAU

Tail Factors for Loss Development

For a given calendar year, the PCRB collects financial loss development data for the current policy year and the twenty previous individual policy years. A single aggregate line of experience is reported for all older policy years combined.

Thus, the 2001 vs. 2002 valuations in the tail factor calculation will use policy year 1982 as the earliest separate policy year and an aggregate line of experience for policy years 1981 and prior. The 2002 vs. 2003 valuations in the tail factor calculation will use policy year 1983 as the earliest separate policy year and an aggregate line of experience for policy years 1982 and prior. The 2003 vs. 2004 valuations in the tail factor calculation will use policy year 1984 as the earliest separate policy year and an aggregate line of experience for policy years 1983 and prior. The 2004 vs. 2005 valuations in the tail factor calculation will use policy year 1985 as the earliest separate policy year and an aggregate line of experience for policy years 1984 and prior.

The following discussion focuses on data with an earliest available policy year of 1978 for illustrative purposes. The discussion for data starting with later policy years would, however, be analogous.

Prior to 1995, the PCRB has computed incurred loss development for maturities older than policy year 1978 (i.e., the pre-1978 “tail”) by comparing the total amount of dollar development in incurred losses occurring in a given calendar year to the incurred loss reported for policy year 1978 at the beginning of that same calendar period.

As part of the Insurance Department’s examination of the Bureau, the actuarial firm retained to perform portions of that review commented that the PCRB’s approach effectively assumed that each policy year prior to 1978 had the same amount of ultimate losses as did policy year 1978. Since policy year losses have tended to increase from year to year in response to benefit and price changes, changes in employment volume and other features affecting loss trends, this assumption was noted as understating the true tail in the PCRB’s loss development analysis. The contractor recommended that for future filings the PCRB add a growth adjustment to its tail factor calculation.

In response to this recommendation the PCRB changed its derivation of tail factors for its 12/1/95 filing. That approach, used again for this filing, is applied separately for indemnity and medical loss experience and for each calendar year of experience, and outlined as follows:

1. A starting policy year loss amount based on the average reported incurred loss for policy years 1978-1980 was computed.

2. An annual loss inflation factor was selected based on observed changes in incurred losses by policy year for the older policy years having separate experience data reported.
3. A historical series of estimated incurred losses by policy year beginning with policy year 1977 was computed using the starting point from #1 and the selected inflation factor from #2.
4. A calendar year loss development factor was selected for policy year 1977 based on observed developments for the oldest years with actual separate experience available.
5. A rate of decline in calendar year loss development factors by policy year was then computed such that when the resulting series of loss development factors was applied to the historical series of estimated incurred losses in #3, the total implied dollar amount of loss development for the calendar year balanced to the observed amount of development on policy years prior to 1978.
6. The “tail factor” applicable to maturities prior to policy year 1978 based on that calendar year of experience was then computed as the cumulative product of the series of loss development factors constructed in #5.

In general, this approach produced policy year incurred losses and loss development factors such that measurable development terminated for policy years in the mid- to early 1930's. Because the amount of calendar year development observed for policy years prior to 1978 varied considerably from year to year, some variations in the application of the initial selected loss development factor were necessary (i.e., whether the initial selection was applied to 1,2 or 3 prior policy years before beginning the application of the selected rate of decline in loss development). In addition, the selected rates of decline in loss development factors vary from calendar year to calendar year in order to achieve the desired balance with observed calendar year development.

Recognizing the volatility of observed calendar year development for policy years prior to 1978 in the aggregate, the PCRB elected to use an experience period comprising four calendar years of loss development in computing indicated tail factors for this filing.

A summary exhibit on page 1 presents results of both the previous and revised approaches to the derivation of tail development factors. Following the summary page, eight exhibits presenting the derivation of indicated tail factors using the procedure outlined above are attached (four for indemnity and four for medical). These exhibits are numbered as pages 2 through 9 respectively.

## SUMMARY OF LOSS DEVELOPMENT TAIL FACTOR CALCULATIONS

VALUATION	MATURITY	INDEMNITY		MEDICAL	
		Traditional Approach *	Indicated Factor	Traditional Approach *	Indicated Factor
04V05	20TH TO ULT.	1.0082	1.0089	1.0560	1.0702
03V04	20TH TO ULT.	1.0012	1.0014	0.9969	0.9966
02V03	20TH TO ULT.	1.0005	1.0006	1.0804	1.0874
01V02	20TH TO ULT.	1.0130	1.0137	1.1246	1.1426
AVERAGE OF LATEST 4 VALUATIONS		1.0057	1.0062	1.0645	1.0742

\* I.e. for 04V05 =  $\frac{\text{Incurred Loss @ 12/31/05} - \text{Incurred Loss @ 12/31/04 for policy years prior to 1985}}{\text{Incurred Loss @ 12/31/04 for policy year 1985}}$

**Indemnity:** 04v05

Latest 12/31 Prior to 1985 Incurred	3,550,295,558	
Next Latest 12/31 Prior to 1985 Incurred	3,546,129,901	
CY Development of Prior Yrs	4,165,657	1 Policy Yr 1984 Incurred = Average of 1985, 1986, 1987, reduced by PY Deflation ^ 2
Next Latest PY 1985 Incurred	505,011,336	2 PY 1983 & Prior = Subsequent Yr x PY Deflation
# of 1985 Yrs in Prior Data	7.03	3 1984 Development Selected Based on Observed 1985, 1986, 1987
Selected Decrement, Development Factor	0.75	4 PY 1983 & Prior Development = (Subsequent Yr - 1.0) x Selected Decrement + 1.0
Selected Average PY Deflation Factor	0.95	
TAIL =	1.0089	vs
	1.0082	4,165,657
		0

Pennsylvania Compensation Rating Bureau  
Tail Factor Model - 2007 Loss Cost Filing

**INDEMNITY**

Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF	Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF
		12/31/05	Incurred	Development					12/31/05	Incurred	Development		
1937	*	48,448,299	1.000000		0	1.0000	#	1972	*	291,710,692	1.000070	20,526	1.0003
1938	*	50,998,209	1.000000		0	1.0000	#	1973	*	307,063,886	1.000094	28,808	1.0004
1939	*	53,682,326	1.000000		0	1.0000	#	1974	*	323,225,143	1.000125	40,431	1.0005
1940	*	56,507,711	1.000000		0	1.0000	#	1975	*	340,236,993	1.000167	56,742	1.0007
1941	*	59,481,801	1.000000		1	1.0000	#	1976	*	358,144,203	1.000222	79,634	1.0009
1942	*	62,612,422	1.000000		1	1.0000	#	1977	*	376,993,898	1.000297	111,759	1.0012
1943	*	65,907,813	1.000000		1	1.0000	#	1978	*	396,835,682	1.000395	156,839	1.0016
1944	*	69,376,645	1.000000		2	1.0000	#	1979	*	417,721,771	1.000527	220,096	1.0021
1945	*	73,028,048	1.000000		2	1.0000	#	1980	*	439,707,127	1.000703	308,852	1.0028
1946	*	76,871,629	1.000000		3	1.0000	#	1981	*	462,849,607	1.000937	433,376	1.0038
1947	*	80,917,504	1.000000		4	1.0000	#	1982	*	487,210,113	1.001250	608,057	1.0050
1948	*	85,176,320	1.000000		6	1.0000	#	1983	*	512,852,751	1.001666	853,058	1.0067
1949	*	89,659,285	1.000000		8	1.0000	#	1984	*	539,845,001	1.002221507	1,196,611	1.0089
1950	*	94,378,194	1.000000		12	1.0000	#	1985		506,059,562		1.0021	
1951	*	99,345,468	1.000000		17	1.0000	#	1986		586,953,712	1.0027	Total	
1952	*	104,574,176	1.000000		23	1.0000	#	1987		701,485,343	1.0018	Development:	
1953	*	110,078,080	1.000000		33	1.0000	#	1988		786,090,311	1.0035		4,165,657
1954	*	115,871,664	1.000000		46	1.0000	#	1989		917,118,702		1.0021	
1955	*	121,970,172	1.000001		65	1.0000	#	1990		968,249,811		1.0022	
1956	*	128,389,655	1.000001		91	1.0000	#	1991		872,396,143		1.0037	
1957	*	135,147,005	1.000001		127	1.0000	#	1992		784,189,300		1.0043	
1958	*	142,260,006	1.000001		178	1.0000	#	1993		684,679,940		1.0022	
1959	*	149,747,374	1.000002		250	1.0000	#	1994		627,109,282		1.0041	
1960	*	157,628,815	1.000002		351	1.0000	#	1995		532,422,231		1.0045	
1961	*	165,925,068	1.000003		493	1.0000	#	1996		464,583,627		1.0081	
1962	*	174,657,967	1.000004		692	1.0000	#	1997		467,266,528		1.0073	
1963	*	183,850,491	1.000005		971	1.0000	#	1998		493,537,610		1.0109	
1964	*	193,526,833	1.000007		1,363	1.0000	#	1999		598,592,655		1.0130	
1965	*	203,712,456	1.000009		1,913	1.0000	#	2000		643,087,374		1.0282	
1966	*	214,434,164	1.000013		2,686	1.0001	#	2001		591,893,357		1.0501	
1967	*	225,720,173	1.000017		3,769	1.0001	#	2002		551,962,910		1.1481	
1968	*	237,600,182	1.000022		5,290	1.0001	#	2003		454,258,086		1.3977	
1969	*	250,105,454	1.000030		7,425	1.0001	#	2004		355,899,396		2.9759	
1970	*	263,268,899	1.000040		10,420	1.0002	#	2005		118,537,624			
1971	*	277,125,157	1.000053		14,625	1.0002	#						

**Medical 04v05**

Latest 12/31 Prior to 1985 Incurred	970,295,431												
Next Latest 12/31 Prior to 1985 Incurred	957,301,178												
CY Development of Prior Yrs	12,994,253												
Next Latest PY 1985 Incurred	232,080,698												
# of 1985 Yrs in Prior Data	4.18												
Selected Decrement, Development Factor	0.75												
Selected Average PY Deflation Factor	0.93												
TAIL =	1.0702	vs	1.0560	12,994,253	0								

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**MEDICAL**

Policy Year	(*=Estimate)	Prior Year Development			DF	Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF
		12/31/05 Incurred	Prior Year Development	Dollar Development				12/31/05 Incurred	Prior Year Development	Dollar Development		
1936	*	7,035,458	1.000000	0	1.0000	#	1972	*	95,919,348	1.000540	51,736	1.0022
1937	*	7,565,008	1.000000	0	1.0000	#	1973	*	103,139,084	1.000720	74,159	1.0029
1938	*	8,134,418	1.000000	0	1.0000	#	1974	*	110,902,241	1.000959	106,296	1.0038
1939	*	8,746,686	1.000000	0	1.0000	#	1975	*	119,249,722	1.001279	152,348	1.0051
1940	*	9,405,038	1.000000	1	1.0000	#	1976	*	128,225,507	1.001706	218,326	1.0068
1941	*	10,112,945	1.000000	1	1.0000	#	1977	*	137,876,889	1.002274	312,835	1.0091
1942	*	10,874,134	1.000000	1	1.0000	#	1978	*	148,254,720	1.003032	448,170	1.0122
1943	*	11,692,617	1.000000	2	1.0000	#	1979	*	159,413,677	1.004043	641,891	1.0163
1944	*	12,572,707	1.000000	2	1.0000	#	1980	*	171,412,556	1.005390	919,041	1.0218
1945	*	13,519,039	1.000000	3	1.0000	#	1981	*	184,314,576	1.007187	1,315,270	1.0291
1946	*	14,536,601	1.000000	4	1.0000	#	1982	*	198,187,717	1.009583	1,881,217	1.0390
1947	*	15,630,754	1.000000	6	1.0000	#	1983	*	213,105,072	1.012777	2,688,579	1.0523
1948	*	16,807,263	1.000001	9	1.0000	#	1984	*	242,673,203	1.017036555	4,065,061	1.0702
1949	*	18,072,325	1.000001	13	1.0000	#	1985		236,501,774		1.0190	
1950	*	19,432,608	1.000001	19	1.0000	#	1986		260,003,211		1.0185	
1951	*	20,895,277	1.000001	27	1.0000	#	1987		345,233,493		1.0193	Total
1952	*	22,468,040	1.000002	38	1.0000	#	1988		404,432,347		1.0089	Development:
1953	*	24,159,183	1.000002	55	1.0000	#	1989		493,717,221		1.0155	12,994,253
1954	*	25,977,616	1.000003	79	1.0000	#	1990		534,388,619		1.0115	
1955	*	27,932,920	1.000004	113	1.0000	#	1991		509,156,846		1.0177	
1956	*	30,035,398	1.000005	162	1.0000	#	1992		486,583,276		1.0157	
1957	*	32,296,127	1.000007	233	1.0000	#	1993		411,313,223		1.0150	
1958	*	34,727,019	1.000010	334	1.0000	#	1994		383,383,337		1.0126	
1959	*	37,340,880	1.000013	479	1.0001	#	1995		354,956,594		1.0157	
1960	*	40,151,484	1.000017	686	1.0001	#	1996		353,782,354		1.0183	
1961	*	43,173,639	1.000023	984	1.0001	#	1997		362,738,685		1.0217	
1962	*	46,423,268	1.000030	1,411	1.0001	#	1998		405,335,368		1.0194	
1963	*	49,917,492	1.000041	2,023	1.0002	#	1999		471,392,174		1.0253	
1964	*	53,674,723	1.000054	2,900	1.0002	#	2000		499,133,752		1.0311	
1965	*	57,714,755	1.000072	4,157	1.0003	#	2001		449,287,630		1.0189	
1966	*	62,058,877	1.000096	5,960	1.0004	#	2002		443,628,145		1.0436	
1967	*	66,729,975	1.000128	8,545	1.0005	#	2003		439,197,258		1.1080	
1968	*	71,752,661	1.000171	12,250	1.0007	#	2004		453,126,489		2.3993	
1969	*	77,153,399	1.000228	17,561	1.0009	#	2005		210,854,171			
1970	*	82,960,644	1.000304	25,176	1.0012	#						
1971	*	89,204,994	1.000405	36,090	1.0016	#						

**Indemnity:** 03v04

Latest 12/31 Prior to 1984 Incurred	3,094,857,443		
Next Latest 12/31 Prior to 1984 Incurred	3,094,315,297		
CY Development of Prior Yrs	542,146		1 Policy Yr 1983 Incurred = Average of 1984, 1985, 1986, reduced by PY Deflation ^ 2
Next Latest PY 1984 Incurred	446,601,595		2 PY 1982 & Prior = Subsequent Yr x PY Deflation
# of 1984 Yrs in Prior Data	6.93		3 1983 Development Selected Based on Observed 1984, 1985, 1986
Selected Decrement, Development Factor	0.75		4 PY 1982 & Prior Development = (Subsequent Yr - 1.0) x Selected Decrement + 1.0
Selected Average PY Deflation Factor	0.95		
TAIL =	1.0014	vs	1.0012
			542,146
			0

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**INDEMNITY**

Policy Year	(*=Estimate)	Prior Year Development			DF	Policy Year	(*=Estimate)	Prior Year Development			DF	
		12/31/04	Incurred	Dollar Development				12/31/04	Incurred	Dollar Development		
1937	*	43,642,821	1.000000	0	1.0000	#	1971	*	249,637,734	1.000011	2,668	1.0000
1938	*	45,939,811	1.000000	0	1.0000	#	1972	*	262,776,562	1.000014	3,744	1.0001
1939	*	48,357,696	1.000000	0	1.0000	#	1973	*	276,606,908	1.000019	5,255	1.0001
1940	*	50,902,838	1.000000	0	1.0000	#	1974	*	291,165,166	1.000025	7,376	1.0001
1941	*	53,581,935	1.000000	0	1.0000	#	1975	*	306,489,649	1.000034	10,352	1.0001
1942	*	56,402,037	1.000000	0	1.0000	#	1976	*	322,620,683	1.000045	14,529	1.0002
1943	*	59,370,565	1.000000	0	1.0000	#	1977	*	339,600,719	1.000060	20,392	1.0002
1944	*	62,495,331	1.000000	0	1.0000	#	1978	*	357,474,441	1.000080	28,621	1.0003
1945	*	65,784,559	1.000000	0	1.0000	#	1979	*	376,288,885	1.000107	40,169	1.0004
1946	*	69,246,905	1.000000	1	1.0000	#	1980	*	396,093,563	1.000142	56,378	1.0006
1947	*	72,891,478	1.000000	1	1.0000	#	1981	*	416,940,593	1.000190	79,127	1.0008
1948	*	76,727,872	1.000000	1	1.0000	#	1982	*	438,884,834	1.000253	111,055	1.0010
1949	*	80,766,181	1.000000	2	1.0000	#	1983	*	461,984,036	1.00033739	155,867	1.0014
1950	*	85,017,033	1.000000	2	1.0000	#	1984		446,836,582		1.0005	
1951	*	89,491,613	1.000000	3	1.0000	#	1985		504,409,788	0.9997	Total	
1952	*	94,201,698	1.000000	4	1.0000	#	1986		584,434,637	1.0003	Development:	
1953	*	99,159,683	1.000000	6	1.0000	#	1987		699,300,730	0.9985		542,146
1954	*	104,378,613	1.000000	8	1.0000	#	1988		782,317,750	0.9995		
1955	*	109,872,224	1.000000	12	1.0000	#	1989		914,033,482	0.9981		
1956	*	115,654,973	1.000000	17	1.0000	#	1990		964,374,041	0.9987		
1957	*	121,742,077	1.000000	23	1.0000	#	1991		867,535,077	0.9993		
1958	*	128,149,555	1.000000	33	1.0000	#	1992		779,177,029	0.9986		
1959	*	134,894,268	1.000000	46	1.0000	#	1993		681,529,933	1.0003		
1960	*	141,993,966	1.000000	64	1.0000	#	1994		622,881,958	0.9927		
1961	*	149,467,333	1.000001	90	1.0000	#	1995		529,062,599	0.9991		
1962	*	157,334,035	1.000001	126	1.0000	#	1996		460,432,979	1.0026		
1963	*	165,614,773	1.000001	177	1.0000	#	1997		463,645,175	1.0121		
1964	*	174,331,340	1.000001	249	1.0000	#	1998		488,035,730	1.0270		
1965	*	183,506,674	1.000002	349	1.0000	#	1999		590,662,276	1.0297		
1966	*	193,164,920	1.000003	490	1.0000	#	2000		625,243,934	1.0635		
1967	*	203,331,495	1.000003	688	1.0000	#	2001		563,688,058	1.1363		
1968	*	214,033,152	1.000005	965	1.0000	#	2002		480,815,291	1.4256		
1969	*	225,298,055	1.000006	1,354	1.0000	#	2003		324,978,784	3.0782		
1970	*	237,155,848	1.000008	1,901	1.0000	#	2004		119,592,005			

Medical **03v04**

Latest 12/31 Prior to 1984 Incurred	776,604,799			
Next Latest 12/31 Prior to 1984 Incurred	777,152,161			
CY Development of Prior Yrs	-547,362			
Next Latest PY 1984 Incurred	177,039,954			
# of 1984 Yrs in Prior Data	4.39			
Selected Decrement, Development Factor	0.75			
Selected Average PY Deflation Factor	0.93			
 TAIL =	.9966	vs	.9969	-547,362
				0

Pennsylvania Compensation Rating Bureau  
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## MEDICAL

Policy Year	(*=Estimate)	Prior Year Development			DF	Policy Year	(*=Estimate)	Prior Year Development			Dollar DF
		12/31/04 Incurred	Dollar Development	DF				12/31/04 Incurred	Dollar Development	DF	
1938	*	7,342,328	1.000000	0	1.0000	#	1972	*	86,579,190	.999964	-3,148 .9999
1939	*	7,894,976	1.000000	0	1.0000	#	1973	*	93,095,903	.999952	-4,513 .9998
1940	*	8,489,222	1.000000	0	1.0000	#	1974	*	100,103,122	.999935	-6,470 .9997
1941	*	9,128,195	1.000000	0	1.0000	#	1975	*	107,637,766	.999914	-9,276 .9997
1942	*	9,815,264	1.000000	0	1.0000	#	1976	*	115,739,533	.999885	-13,299 .9995
1943	*	10,554,047	1.000000	0	1.0000	#	1977	*	124,451,111	.999847	-19,066 .9994
1944	*	11,348,438	1.000000	0	1.0000	#	1978	*	133,818,399	.999796	-27,335 .9992
1945	*	12,202,621	1.000000	0	1.0000	#	1979	*	143,890,751	.999728	-39,190 .9989
1946	*	13,121,098	1.000000	0	1.0000	#	1980	*	154,721,238	.999637	-56,187 .9985
1947	*	14,108,708	1.000000	0	1.0000	#	1981	*	166,366,922	.999516	-80,554 .9981
1948	*	15,170,653	1.000000	-1	1.0000	#	1982	*	178,889,164	.999354	-115,490 .9974
1949	*	16,312,530	1.000000	-1	1.0000	#	1983	*	192,353,940	0.999139206	-165,577 .9966 20TH TO ULT
1950	*	17,540,355	1.000000	-1	1.0000	#	1984		179,859,533	1.0159	
1951	*	18,860,597	1.000000	-2	1.0000	#	1985		232,070,301	1.0141	
1952	*	20,280,212	1.000000	-2	1.0000	#	1986		255,270,789	1.0094	Total
1953	*	21,806,680	1.000000	-3	1.0000	#	1987		338,708,724	1.0111	Development:
1954	*	23,448,043	1.000000	-5	1.0000	#	1988		400,864,014	1.0136	-547,362
1955	*	25,212,949	1.000000	-7	1.0000	#	1989		486,182,240	1.0109	
1956	*	27,110,698	1.000000	-10	1.0000	#	1990		528,310,574	1.0087	
1957	*	29,151,288	1.000000	-14	1.0000	#	1991		500,305,973	1.0076	
1958	*	31,345,471	.999999	-20	1.0000	#	1992		479,072,517	1.0176	
1959	*	33,704,807	.999999	-29	1.0000	#	1993		405,238,680	1.0160	
1960	*	36,241,728	.999999	-42	1.0000	#	1994		378,616,935	1.0254	
1961	*	38,969,601	.999998	-60	1.0000	#	1995		349,485,683	1.0221	
1962	*	41,902,796	.999998	-86	1.0000	#	1996		347,432,405	1.0212	
1963	*	45,056,770	.999997	-123	1.0000	#	1997		355,049,961	1.0106	
1964	*	48,448,140	.999996	-176	1.0000	#	1998		397,637,147	1.0301	
1965	*	52,094,774	.999995	-253	1.0000	#	1999		459,782,125	1.0306	
1966	*	56,015,886	.999994	-362	1.0000	#	2000		484,079,451	1.0309	
1967	*	60,232,136	.999991	-520	1.0000	#	2001		440,983,184	1.0502	
1968	*	64,765,737	.999988	-745	1.0000	#	2002		425,108,865	1.1134	
1969	*	69,640,578	.999985	-1,068	.9999	#	2003		396,378,492	2.3013	
1970	*	74,882,342	.999980	-1,531	.9999	#	2004		188,888,226		
1971	*	80,518,647	.999973	-2,195	.9999	#					

**Indemnity: 02v03**

Latest 12/31 Prior to 1983 Incurred	2,967,847,667	
Next Latest 12/31 Prior to 1983 Incurred	2,967,633,001	
CY Development of Prior Yrs	214,666	1 Policy Yr 1982 Incurred = Average of 1983, 1984, 1985, reduced by PY Deflation ^ 2
Next Latest PY 1983 Incurred	391,162,883	2 PY 1981 & Prior = Subsequent Yr x PY Deflation
# of 1983 Yrs in Prior Data	7.59	3 1982 Development Selected Based on Observed 1983, 1984, 1985
Selected Decrement, Development Factor	0.75	4 PY 1981 & Prior Development = (Subsequent Yr - 1.0) x Selected Decrement + 1.0
Selected Average PY Deflation Factor	0.95	
<b>TAIL =</b>	<b>1.0006</b>	
	<b>vs</b>	
	<b>1.0005</b>	
		<b>214,666</b>
		<b>0</b>

Pennsylvania Compensation Rating Bureau  
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**INDEMNITY**

Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF	Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF
		12/31/03	Incurred	Development					12/31/03	Incurred	Development		
1936	*	40,191,691	1.000000		0	1.0000	#	1970	*	229,897,209	1.000005	1,056	1.0000
1937	*	42,307,043	1.000000		0	1.0000	#	1971	*	241,997,062	1.000006	1,483	1.0000
1938	*	44,533,730	1.000000		0	1.0000	#	1972	*	254,733,749	1.000008	2,081	1.0000
1939	*	46,877,610	1.000000		0	1.0000	#	1973	*	268,140,789	1.000011	2,921	1.0000
1940	*	49,344,853	1.000000		0	1.0000	#	1974	*	282,253,462	1.000015	4,099	1.0001
1941	*	51,941,950	1.000000		0	1.0000	#	1975	*	297,108,907	1.000019	5,753	1.0001
1942	*	54,675,737	1.000000		0	1.0000	#	1976	*	312,746,218	1.000026	8,074	1.0001
1943	*	57,553,407	1.000000		0	1.0000	#	1977	*	329,206,545	1.000034	11,332	1.0001
1944	*	60,582,534	1.000000		0	1.0000	#	1978	*	346,533,206	1.000046	15,905	1.0002
1945	*	63,771,089	1.000000		0	1.0000	#	1979	*	364,771,795	1.000061	22,323	1.0002
1946	*	67,127,462	1.000000		0	1.0000	#	1980	*	383,970,311	1.000082	31,331	1.0003
1947	*	70,660,486	1.000000		0	1.0000	#	1981	*	404,179,275	1.000109	43,973	1.0004
1948	*	74,379,459	1.000000		1	1.0000	#	1982	*	425,451,868	1.00014506	61,716	1.0006
1949	*	78,294,167	1.000000		1	1.0000	#	1983		389,987,738	0.9970		
1950	*	82,414,913	1.000000		1	1.0000	#	1984		478,646,535	0.9998		Total
1951	*	86,752,540	1.000000		2	1.0000	#	1985		545,610,164	1.0019		Development:
1952	*	91,318,463	1.000000		2	1.0000	#	1986		640,715,570	1.0021		214,666
1953	*	96,124,698	1.000000		3	1.0000	#	1987		776,693,885	1.0007		
1954	*	101,183,893	1.000000		5	1.0000	#	1988		873,813,261	0.9989		
1955	*	106,509,361	1.000000		7	1.0000	#	1989		1,024,763,991	1.0002		
1956	*	112,115,116	1.000000		9	1.0000	#	1990		1,061,470,384	0.9989		
1957	*	118,015,912	1.000000		13	1.0000	#	1991		945,195,749	1.0038		
1958	*	124,227,276	1.000000		18	1.0000	#	1992		819,461,749	1.0013		
1959	*	130,765,554	1.000000		25	1.0000	#	1993		705,909,803	1.0003		
1960	*	137,647,951	1.000000		36	1.0000	#	1994		648,918,349	0.9983		
1961	*	144,892,580	1.000000		50	1.0000	#	1995		549,781,669	0.9965		
1962	*	152,518,505	1.000000		70	1.0000	#	1996		489,578,546	1.0151		
1963	*	160,545,795	1.000001		98	1.0000	#	1997		503,839,366	1.0128		
1964	*	168,995,574	1.000001		138	1.0000	#	1998		522,894,170	1.0208		
1965	*	177,890,078	1.000001		194	1.0000	#	1999		593,569,230	1.0711		
1966	*	187,252,713	1.000001		272	1.0000	#	2000		609,017,440	1.1682		
1967	*	197,108,119	1.000002		382	1.0000	#	2001		512,529,705	1.4381		
1968	*	207,482,231	1.000003		536	1.0000	#	2002		342,845,222	3.0367		
1969	*	218,402,348	1.000003		753	1.0000	#	2003		106,525,140			

Medical **02v03**

Latest 12/31 Prior to 1983 Incurred	713,272,113	
Next Latest 12/31 Prior to 1983 Incurred	701,627,833	1 Policy Yr 1982 Incurred = Average of 1983, 1984, 1985, reduced by PY Deflation ^ 2
CY Development of Prior Yrs	11,644,280	2 PY 1981 & Prior = Subsequent Yr x PY Deflation
Next Latest PY 1983 Incurred	144,814,768	3 1982 Development Selected Based on Observed 1983, 1984, 1985
# of 1983 Yrs in Prior Data	4.93	4 PY 1981 & Prior Development = (Subsequent Yr - 1.0) x Selected Decrement + 1.0
Selected Decrement, Development Factor	0.75	
Selected Average PY Deflation Factor	0.93	
<b>TAIL =</b>	<b>1.0874</b>	<b>vs</b>
	1.0804	11,644,280
		0

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**MEDICAL**

Policy Year	(*=Estimate)	Prior Year			DF	Policy Year	(*=Estimate)	Prior Year			Dollar DF	
		12/31/03	Incurred	Dollar Development				12/31/03	Incurred	Dollar Development		
1937	*	6,377,286	1.000000	0	1.0000	#	1971	*	75,199,615	1.000890	66,961	1.0036
1938	*	6,857,296	1.000000	0	1.0000	#	1972	*	80,859,801	1.001187	96,002	1.0048
1939	*	7,373,437	1.000000	1	1.0000	#	1973	*	86,946,022	1.001583	137,637	1.0063
1940	*	7,928,427	1.000000	1	1.0000	#	1974	*	93,490,346	1.002111	197,329	1.0085
1941	*	8,525,190	1.000000	1	1.0000	#	1975	*	100,527,254	1.002814	282,910	1.0113
1942	*	9,166,871	1.000000	2	1.0000	#	1976	*	108,093,822	1.003752	405,605	1.0151
1943	*	9,856,851	1.000000	3	1.0000	#	1977	*	116,229,916	1.005003	581,513	1.0202
1944	*	10,598,764	1.000000	4	1.0000	#	1978	*	124,978,404	1.006671	833,710	1.0270
1945	*	11,396,521	1.000001	6	1.0000	#	1979	*	134,385,381	1.008894	1,195,283	1.0361
1946	*	12,254,323	1.000001	8	1.0000	#	1980	*	144,500,409	1.011859	1,713,667	1.0484
1947	*	13,176,692	1.000001	12	1.0000	#	1981	*	155,376,784	1.015812	2,456,871	1.0650
1948	*	14,168,486	1.000001	17	1.0000	#	1982	*	167,071,811	1.021083120	3,522,395	1.0874 20TH TO ULT
1949	*	15,234,931	1.000002	24	1.0000	#	1983		146,198,868		1.0096	
1950	*	16,381,646	1.000002	35	1.0000	#	1984		187,900,786		1.0185	
1951	*	17,614,673	1.000003	50	1.0000	#	1985		245,407,148		1.0154	Total
1952	*	18,940,509	1.000004	71	1.0000	#	1986		277,378,984		1.0282	Development:
1953	*	20,366,138	1.000005	102	1.0000	#	1987		367,708,787		1.0180	11,644,280
1954	*	21,899,073	1.000007	147	1.0000	#	1988		440,848,307		1.0126	
1955	*	23,547,391	1.000009	210	1.0000	#	1989		539,195,973		1.0125	
1956	*	25,319,775	1.000012	301	1.0000	#	1990		576,764,232		1.0136	
1957	*	27,225,565	1.000016	432	1.0001	#	1991		545,185,805		1.0172	
1958	*	29,274,801	1.000021	619	1.0001	#	1992		495,590,271		1.0090	
1959	*	31,478,280	1.000028	888	1.0001	#	1993		416,663,157		1.0103	
1960	*	33,847,613	1.000038	1,273	1.0002	#	1994		385,248,779		1.0173	
1961	*	36,395,283	1.000050	1,825	1.0002	#	1995		360,777,701		1.0101	
1962	*	39,134,713	1.000067	2,617	1.0003	#	1996		362,935,122		1.0258	
1963	*	42,080,336	1.000089	3,751	1.0004	#	1997		384,683,644		1.0043	
1964	*	45,247,674	1.000119	5,378	1.0005	#	1998		430,991,464		1.0137	
1965	*	48,653,412	1.000158	7,711	1.0006	#	1999		460,672,152		1.0192	
1966	*	52,315,497	1.000211	11,055	1.0008	#	2000		488,078,628		1.0363	
1967	*	56,253,223	1.000282	15,849	1.0011	#	2001		435,572,930		1.1152	
1968	*	60,487,336	1.000376	22,723	1.0015	#	2002		390,167,515		2.3547	
1969	*	65,040,147	1.000501	32,577	1.0020	#	2003		174,650,484			
1970	*	69,935,642	1.000668	46,706	1.0027	#						

**Indemnity:** 01v02

Latest 12/31 Prior to 1982 Incurred	2,817,213,052	
Next Latest 12/31 Prior to 1982 Incurred	2,812,669,507	
CY Development of Prior Yrs	4,543,545	1 Policy Yr 1981 Incurred = Average of 1982, 1983, 1984, reduced by PY Deflation ^ 2
Next Latest PY 1982 Incurred	348,246,993	2 PY 1980 & Prior = Subsequent Yr x PY Deflation
# of 1982 Yrs in Prior Data	8.09	3 1981 Development Selected Based on Observed 1982, 1983, 1984
Selected Decrement, Development Factor	0.75	4 PY 1980 & Prior Development = (Subsequent Yr - 1.0) x Selected Decrement + 1.0
Selected Average PY Deflation Factor	0.95	
<b>TAIL =</b>	<b>1.0137</b>	
	<b>vs</b>	
	<b>1.0130</b>	
		<b>4,543,545</b>
		<b>0</b>

Pennsylvania Compensation Rating Bureau  
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**INDEMNITY**

Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF	Policy Year	(*=Estimate)	Prior Year Development			Dollar Development	DF
		12/31/02 Incurred	Prior Year Development	Dollar Development					12/31/02 Incurred	Prior Year Development	Dollar Development		
1935	*	36,272,299	1.000000	0	1.0000	#	1969	*	207,478,214	1.000108	22,359	1.0004	
1936	*	38,181,367	1.000000	0	1.0000	#	1970	*	218,398,120	1.000144	31,381	1.0006	
1937	*	40,190,913	1.000000	0	1.0000	#	1971	*	229,892,758	1.000192	44,043	1.0008	
1938	*	42,306,224	1.000000	1	1.0000	#	1972	*	241,992,376	1.000255	61,815	1.0010	
1939	*	44,532,867	1.000000	1	1.0000	#	1973	*	254,728,817	1.000341	86,758	1.0014	
1940	*	46,876,702	1.000000	1	1.0000	#	1974	*	268,135,597	1.000454	121,766	1.0018	
1941	*	49,343,897	1.000000	2	1.0000	#	1975	*	282,247,997	1.000605	170,900	1.0024	
1942	*	51,940,945	1.000000	2	1.0000	#	1976	*	297,103,155	1.000807	239,860	1.0032	
1943	*	54,674,678	1.000000	3	1.0000	#	1977	*	312,740,163	1.001076	336,645	1.0043	
1944	*	57,552,293	1.000000	5	1.0000	#	1978	*	329,200,171	1.001435	472,484	1.0058	
1945	*	60,581,361	1.000000	7	1.0000	#	1979	*	346,526,496	1.001914	663,136	1.0077	
1946	*	63,769,854	1.000000	9	1.0000	#	1980	*	364,764,733	1.002552	930,717	1.0103	
1947	*	67,126,162	1.000000	13	1.0000	#	1981	*	383,962,877	1.00340207	1,306,269	1.0137	
1948	*	70,659,118	1.000000	18	1.0000	#	1982		348,182,094		0.9998		
1949	*	74,378,019	1.000000	25	1.0000	#	1983		412,572,951	1.0007	Total		
1950	*	78,292,651	1.000000	36	1.0000	#	1984		515,575,847	0.9989	Development:		
1951	*	82,413,317	1.000001	50	1.0000	#	1985		585,122,419	1.0010		4,543,545	
1952	*	86,750,860	1.000001	70	1.0000	#	1986		686,153,414	1.0027			
1953	*	91,316,695	1.000001	99	1.0000	#	1987		835,619,726	1.0000			
1954	*	96,122,837	1.000001	138	1.0000	#	1988		958,437,042	1.0038			
1955	*	101,181,934	1.000002	194	1.0000	#	1989		1,114,010,229	1.0021			
1956	*	106,507,298	1.000003	273	1.0000	#	1990		1,146,106,992	0.9992			
1957	*	112,112,946	1.000003	383	1.0000	#	1991		1,015,586,301	0.9977			
1958	*	118,013,627	1.000005	537	1.0000	#	1992		870,306,218	1.0004			
1959	*	124,224,871	1.000006	754	1.0000	#	1993		742,340,266	0.9966			
1960	*	130,763,022	1.000008	1,058	1.0000	#	1994		688,817,894	0.9987			
1961	*	137,645,286	1.000011	1,485	1.0000	#	1995		582,856,678	1.0081			
1962	*	144,889,775	1.000014	2,084	1.0001	#	1996		511,440,532	1.0105			
1963	*	152,515,552	1.000019	2,925	1.0001	#	1997		535,183,419	1.0301			
1964	*	160,542,687	1.000026	4,106	1.0001	#	1998		553,547,060	1.0676			
1965	*	168,992,302	1.000034	5,762	1.0001	#	1999		596,174,358	1.1639			
1966	*	177,886,633	1.000045	8,087	1.0002	#	2000		547,863,781	1.4337			
1967	*	187,249,088	1.000061	11,351	1.0002	#	2001		375,832,838	3.0119			
1968	*	197,104,303	1.000081	15,931	1.0003	#	2002		115,626,491				

Medical **01v02**

Latest 12/31 Prior to 1982 Incurred	613,359,665			
Next Latest 12/31 Prior to 1982 Incurred	598,016,744			
CY Development of Prior Yrs	15,342,921			
Next Latest PY 1982 Incurred	123,135,800			
# of 1982 Yrs in Prior Data	4.98			
Selected Decrement, Development Factor	0.75			
Selected Average PY Deflation Factor	0.93			
<b>TAIL =</b>	<b>1.1426</b>	vs	<b>1.1246</b>	<b>15,342,921</b>
				0

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## MEDICAL

Policy Year	(*=Estimate)	Prior Year Development			DF	Policy Year	(*=Estimate)	Prior Year Development			Dollar DF	
		12/31/02 Incurred	Dollar Development	DF				12/31/02 Incurred	Dollar Development	DF		
1936	*	5,266,770	1.000000	0	1.0000	#	1970	*	62,104,649	1.001421	88,231	1.0057
1937	*	5,663,194	1.000000	1	1.0000	#	1971	*	66,779,193	1.001894	126,496	1.0076
1938	*	6,089,456	1.000000	1	1.0000	#	1972	*	71,805,584	1.002526	181,356	1.0101
1939	*	6,547,802	1.000000	1	1.0000	#	1973	*	77,210,305	1.003368	260,008	1.0135
1940	*	7,040,647	1.000000	2	1.0000	#	1974	*	83,021,834	1.004490	372,772	1.0181
1941	*	7,570,588	1.000000	3	1.0000	#	1975	*	89,270,789	1.005987	534,440	1.0242
1942	*	8,140,417	1.000000	4	1.0000	#	1976	*	95,990,095	1.007982	766,222	1.0324
1943	*	8,753,137	1.000001	5	1.0000	#	1977	*	103,215,156	1.010643	1,098,526	1.0434
1944	*	9,411,975	1.000001	8	1.0000	#	1978	*	110,984,039	1.014191	1,574,948	1.0582
1945	*	10,120,404	1.000001	11	1.0000	#	1979	*	119,337,676	1.018921	2,257,989	1.0782
1946	*	10,882,154	1.000001	16	1.0000	#	1980	*	128,320,082	1.025228	3,237,261	1.1054
1947	*	11,701,241	1.000002	22	1.0000	#	1981	*	137,978,583	1.033637350	4,641,234	1.1426
1948	*	12,581,980	1.000003	32	1.0000	#	1982		125,364,242		1.0181	
1949	*	13,529,011	1.000003	46	1.0000	#	1983		152,662,980		1.0143	
1950	*	14,547,323	1.000005	66	1.0000	#	1984		200,566,545		1.0128	Total
1951	*	15,642,283	1.000006	94	1.0000	#	1985		256,752,184		1.0109	Development:
1952	*	16,819,659	1.000008	135	1.0000	#	1986		289,096,453		1.0168	15,342,921
1953	*	18,085,655	1.000011	193	1.0000	#	1987		383,743,597		1.0084	
1954	*	19,446,941	1.000014	277	1.0001	#	1988		477,707,737		1.0110	
1955	*	20,910,689	1.000019	397	1.0001	#	1989		581,263,824		1.0128	
1956	*	22,484,612	1.000025	569	1.0001	#	1990		611,681,732		1.0084	
1957	*	24,177,002	1.000034	816	1.0001	#	1991		575,404,042		1.0154	
1958	*	25,996,776	1.000045	1,170	1.0002	#	1992		521,299,077		1.0073	
1959	*	27,953,523	1.000060	1,677	1.0002	#	1993		434,749,861		1.0111	
1960	*	30,057,552	1.000080	2,405	1.0003	#	1994		401,004,370		1.0111	
1961	*	32,319,948	1.000107	3,448	1.0004	#	1995		380,838,199		1.0218	
1962	*	34,752,632	1.000142	4,943	1.0006	#	1996		375,491,810		1.0163	
1963	*	37,368,422	1.000190	7,086	1.0008	#	1997		412,533,402		1.0130	
1964	*	40,181,099	1.000253	10,160	1.0010	#	1998		453,724,979		1.0041	
1965	*	43,205,482	1.000337	14,566	1.0013	#	1999		484,778,644		1.0554	
1966	*	46,457,508	1.000450	20,883	1.0018	#	2000		488,062,789		1.1262	
1967	*	49,954,310	1.000599	29,940	1.0024	#	2001		407,445,581		2.2107	
1968	*	53,714,311	1.000799	42,925	1.0032	#	2002		169,533,312			
1969	*	57,757,324	1.001066	61,541	1.0043	#						