

PENNSYLVANIA COMPENSATION RATING BUREAU

State and Hazard Group Relativities

The attached exhibit pages present an analysis of Pennsylvania State and Hazard Group relativities.

Page 1 shows the indicated State and Hazard Group Relativities.

Page 2 presents factors by type of injury and policy year which are applied to reported data to project trended ultimate average costs.

Page 3 through 6 calculates average costs by hazard group.

Page 7 relates a countrywide (NCCI states) severity to Pennsylvania severities by hazard group to generate relativities.

<u>Hazard Group</u>	<u>Current</u>	<u>Proposed</u>
I	1.014	1.039
II	0.939	0.896
III	0.693	0.673
IV	0.548	0.545

PENNSYLVANIA
STATE AND HAZARD GROUP RELATIVITIES
PROPOSED EFFECTIVE DATE: 4/1/02

Proposed Relativities

Hazard Group	Factor
I	1.039
II	0.896
III	0.673
IV	0.545

Pennsylvania
 State & Hazard Group Relativities
 Factors to Adjusted Reported Data to Projected Levels

	Indemnity Death	Indemnity PT	Indemnity Major	Indemnity Minor	Indemnity Temp	All Medical
1A Severity Trend Factors						
94	1.5069	1.5069	1.5069	1.2061	1.2061	1.4867
95	1.4268	1.4268	1.4268	1.1763	1.1763	1.4102
96	1.3508	1.3508	1.3508	1.1473	1.1473	1.3375
97	1.2790	1.2790	1.2790	1.1190	1.1190	1.2686
98	1.2109	1.2109	1.2109	1.0914	1.0914	1.2033
1B Benefit Level (ACT44 and ACT 57) Factors						
94	0.9601	0.6319	0.9601	0.9600	0.9601	1.0000
95	0.9738	0.7584	0.9738	0.9738	0.9738	1.0000
96	0.9935	0.9403	0.9935	0.9935	0.9935	1.0000
97	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
98	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1C Loss Development Factors						
94	0.9946	0.9946	0.9946	1.0000	1.0000	1.0000
95	1.0068	1.9206	1.0208	0.9867	0.9730	1.0060
96	1.1000	4.1888	1.2314	0.9267	0.9297	1.0162
97	1.1633	5.6660	1.9604	0.8898	0.9168	1.0297
98	1.2699	10.6970	4.6547	1.1202	0.9786	1.0866
1D Claim Count Development Factors						
94	1.0000	1.0000	1.0000	1.0000	1.0000	
95	1.0000	1.6800	1.0057	1.0020	1.0000	
96	1.0654	3.1059	1.1444	0.9819	0.9993	
97	1.1000	3.8133	1.6977	0.9339	1.0049	
98	1.2561	8.8485	3.9936	0.9739	1.0280	
1E Claim Count Trend Factors						
94	1.3159	0.8285	0.6010	0.8696	0.9951	
95	1.2806	0.8373	0.6488	0.8970	1.0095	
96	1.2367	0.8760	0.6956	0.9170	1.0164	
97	1.1799	0.9117	0.7368	0.9292	1.0109	
98	1.1336	0.9177	0.7884	0.9467	1.0123	

**Pennsylvania
State & Hazard Group Relativities
Projected Loss Costs**

Hazard Group I

(1) Reported Losses

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	499,865	2,277,679	478,261	1,102,332	1,901,231	6,259,368
95	3,114	170,275	1,826,102	427,413	882,901	2,181,633	5,491,438
96	-	-	1,321,702	418,118	1,057,193	2,338,916	5,135,929
97	-	87,000	207,650	519,377	913,445	1,667,866	3,395,338
98	-	30,088	100,512	327,961	968,528	1,707,263	3,134,352
Total	3,114	787,228	5,733,645	2,171,130	4,924,399	9,796,909	23,416,425

(2) Reported Claim Counts

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	2	17	20	214	253	253
95	1	1	14	18	187	221	221
96	-	-	10	24	217	251	251
97	-	1	2	20	215	238	238
98	-	1	1	19	185	206	206
Total	1	5	44	101	1,018	1,169	1,169

(3) Reported Average Cost ((1)/(2))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	249,933	133,981	23,913	5,151	7,515	24,741
95	3,114	170,275	130,436	23,745	4,721	9,872	24,848
96	-	-	132,170	17,422	4,872	9,318	20,462
97	-	87,000	103,825	25,969	4,249	7,008	14,266
98	-	30,088	100,512	17,261	5,235	8,288	15,215
Average	3,114	157,446	130,310	21,496	4,837	8,381	20,031

(4) Ultimate On Level Losses((1) * (1B) * (1C))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	314,159	2,174,991	459,131	1,058,349	1,901,231	5,907,860
95	3,053	248,016	1,815,203	410,667	836,561	2,194,724	5,508,223
96	-	-	1,616,983	384,964	976,453	2,376,919	5,355,319
97	-	492,944	407,069	462,162	837,430	1,717,355	3,916,960
98	-	321,852	467,856	367,393	947,790	1,855,058	3,959,948
Total	3,053	1,376,971	6,482,102	2,084,316	4,656,583	10,045,286	24,648,311

(5) Ultimate Claim Counts ((2) * (1D))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	2	17	20	214	253	253
95	1	2	14	18	187	222	222
96	-	-	11	24	217	252	252
97	-	4	3	19	216	242	242
98	-	9	4	19	190	222	222
Total	1	16	50	99	1,024	1,190	1,190

(6) Ultimate Average Cost ((4) / (5))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	157,080	127,941	22,957	4,946	7,515	23,351
95	3,053	147,628	128,924	22,770	4,474	9,896	24,836
96	-	-	141,300	16,335	4,503	9,437	21,262
97	-	129,269	119,891	24,745	3,876	7,098	16,189
98	-	36,374	117,152	19,854	4,984	8,374	17,876
Average	3,053	86,061	129,642	21,054	4,547	8,441	20,713

(7) Trended Average Cost ((6) * (1A))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	236,710	192,799	27,688	5,965	11,172	474,334
95	4,356	210,630	183,943	26,785	5,263	13,954	444,930
96	-	-	190,874	18,741	5,166	12,622	227,404
97	-	165,330	153,336	27,690	4,337	9,005	359,698
98	-	44,045	141,861	21,668	5,439	10,076	223,090
Total	4,356	656,714	862,814	122,572	26,170	56,831	1,729,455

(8) Trended Claim Count ((5) * (1E))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	2	10	17	213	242	242
95	1	1	9	16	189	216	216
96	-	-	8	22	220	250	250
97	-	3	3	17	218	241	241
98	-	8	3	18	193	222	222
Total	1	14	33	90	1,033	1,171	1,171

(9) Projected Losses ((7) * (8))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	473,419	1,927,990	470,693	1,270,507	2,703,717	6,846,325
95	4,356	210,630	1,655,487	428,556	994,645	3,014,148	6,307,822
96	-	-	1,526,995	412,310	1,136,527	3,155,621	6,231,453
97	-	495,989	460,009	470,723	945,495	2,170,189	4,542,405
98	-	352,362	425,583	390,026	1,049,734	2,236,945	4,454,649
Total	4,356	1,532,400	5,996,063	2,172,307	5,396,907	13,280,621	28,382,654

(10) Projected Average Cost ((9) / (8))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	-	236,710	192,799	27,688	5,965	11,172	28,291
95	4,356	210,630	183,943	26,785	5,263	13,954	29,203
96	-	-	190,874	18,741	5,166	12,622	24,926
97	-	165,330	153,336	27,690	4,337	9,005	18,848
98	-	44,045	141,861	21,668	5,439	10,076	20,066
Average	4,356	109,457	181,699	24,137	5,224	11,341	24,238

**Pennsylvania
State & Hazard Group Relativities
Projected Loss Costs**

Hazard Group II

(1) Reported Losses

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	13,511,773	50,218,865	283,378,157	75,485,031	133,465,788	326,609,883	882,669,497
95	7,191,844	20,700,037	238,655,566	65,550,640	132,964,671	317,340,275	782,403,033
96	4,676,386	5,375,443	154,309,256	61,345,673	125,170,563	304,794,779	655,672,100
97	3,304,113	6,047,181	95,978,107	63,251,196	136,390,249	310,304,181	615,275,027
98	3,421,280	2,571,747	42,132,928	49,087,295	129,116,460	279,621,940	505,951,650
Total	32,105,396	84,913,273	814,454,014	314,719,835	657,107,731	1,538,671,058	3,441,971,307

(2) Reported Claim Counts

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	70	171	2,132	3,436	29,542	35,351	35,351
95	34	77	1,813	3,043	27,587	32,554	32,554
96	38	27	1,210	2,707	25,602	29,584	29,584
97	24	25	778	2,908	25,479	29,214	29,214
98	22	13	322	2,698	25,418	28,473	28,473
Total	188	313	6,255	14,792	133,628	155,176	155,176

(3) Reported Average Cost ((1)/(2))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	193,025	293,678	132,917	21,969	4,518	9,239	24,969
95	211,525	268,832	131,636	21,541	4,820	9,748	24,034
96	123,063	199,090	127,528	22,662	4,889	10,303	22,163
97	137,671	241,887	123,365	21,751	5,353	10,622	21,061
98	155,513	197,827	130,848	18,194	5,080	9,821	17,770
Average	170,773	271,288	130,208	21,276	4,917	9,916	22,181

(4) Ultimate On Reported Losses

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	12,902,601	31,561,941	270,602,183	72,465,630	128,140,503	326,609,883	842,282,741
95	7,050,699	30,150,839	237,231,181	62,982,330	125,985,919	319,244,451	782,645,418
96	5,110,543	21,172,453	188,783,485	56,481,320	115,610,995	309,747,161	696,905,958
97	3,843,808	34,263,488	188,151,865	56,283,414	125,040,095	319,511,457	727,094,127
98	4,344,717	27,510,022	196,117,206	54,989,187	126,351,831	303,828,308	713,141,272
Total	33,252,369	144,658,743	1,080,885,920	303,201,881	621,129,343	1,578,941,261	3,762,069,516

(5) Ultimate Claim Counts ((2) * (1D))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	70	171	2,132	3,436	29,542	35,351	35,351
95	34	129	1,823	3,049	27,586	32,622	32,622
96	40	84	1,385	2,658	25,585	29,752	29,752
97	26	95	1,321	2,716	25,605	29,763	29,763
98	28	115	1,286	2,628	26,130	30,186	30,186
Total	199	595	7,947	14,487	134,448	157,674	157,674

(6) Ultimate Average Cost ((4) / (5))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	184,323	184,573	126,924	21,090	4,338	9,239	23,826
95	207,373	233,077	130,110	20,656	4,567	9,786	23,992
96	126,230	252,477	136,338	21,249	4,519	10,411	23,424
97	145,599	359,407	142,455	20,726	4,883	10,735	24,430
98	157,223	239,155	152,510	20,927	4,836	10,065	23,625
Average	167,097	243,124	136,012	20,929	4,620	10,014	23,860

(7) Trended Average Cost ((6) * (1A))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	277,764	278,140	191,267	25,437	5,232	13,736	791,575
95	295,872	332,544	185,635	24,299	5,372	13,800	857,523
96	170,516	341,056	184,171	24,379	5,184	13,925	739,231
97	186,215	459,668	182,195	23,192	5,465	13,619	870,354
98	190,383	289,594	184,676	22,839	5,277	12,111	704,881
Total	1,120,750	1,701,004	927,944	120,145	26,530	67,192	3,963,564

(8) Trended Claim Count ((5) * (1E))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	92	142	1,281	2,988	29,399	33,902	33,902
95	44	108	1,183	2,735	27,848	31,918	31,918
96	50	73	963	2,437	26,005	29,528	29,528
97	31	87	973	2,523	25,884	29,498	29,498
98	31	106	1,014	2,488	26,451	30,090	30,090
Total	248	516	5,414	13,171	135,587	154,936	154,936

(9) Projected Losses ((7) * (8))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	25,554,258	39,495,913	245,013,181	76,004,917	153,801,747	465,676,677	1,005,546,694
95	13,018,351	35,914,780	219,606,243	66,457,652	149,610,408	440,476,189	925,083,623
96	8,525,823	24,897,124	177,356,419	59,410,687	134,817,917	411,171,890	816,179,859
97	5,772,677	39,991,139	177,275,443	58,513,378	141,446,161	401,739,141	824,737,939
98	5,901,858	30,697,012	187,261,542	56,823,738	139,593,033	364,431,866	784,709,049
Total	58,772,966	170,995,969	1,006,512,828	317,210,372	719,269,267	2,083,495,762	4,356,257,164

(10) Projected Average Cost ((9) / (8))

	Death	P.T	Major	Minor	Temp	Med	Grand Total
94	277,764	278,140	191,267	25,437	5,232	13,736	29,660
95	295,872	332,544	185,635	24,299	5,372	13,800	28,983
96	170,516	341,056	184,171	24,379	5,184	13,925	27,641
97	186,215	459,668	182,195	23,192	5,465	13,619	27,959
98	190,383	289,594	184,676	22,839	5,277	12,111	26,079
Average	236,988	331,388	185,909	24,084	5,305	13,447	28,116

**Pennsylvania
State & Hazard Group Relativities
Projected Loss Costs**

Hazard Group III

(1) Reported Losses		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	22,955,360	56,816,452	305,437,664	45,551,493	86,008,458	249,319,049	766,088,476	
95	14,492,879	27,648,657	244,918,875	45,554,019	88,534,641	241,958,287	663,107,358	
96	15,457,394	14,532,633	180,874,416	47,363,180	90,460,787	246,811,905	595,500,315	
97	10,609,733	10,952,564	123,598,662	52,196,532	102,535,485	248,214,258	548,107,234	
98	13,355,747	5,849,274	61,799,943	47,895,488	103,934,549	235,506,818	468,341,819	
Total	76,871,113	115,799,580	916,629,560	238,560,712	471,473,920	1,221,810,317	3,041,145,202	
(2) Reported Claim Counts		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	94	157	2,009	2,064	18,768	23,092	23,092	
95	70	91	1,633	1,922	17,301	21,017	21,017	
96	64	53	1,308	2,001	17,824	21,250	21,250	
97	62	48	904	2,168	17,869	21,051	21,051	
98	57	15	449	2,182	18,548	21,251	21,251	
Total	347	364	6,303	10,337	90,310	107,661	107,661	
(3) Reported Average Cost ((1)/(2))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	244,206	361,888	152,035	22,070	4,583	10,797	33,175	
95	207,041	303,831	149,981	23,701	5,117	11,513	31,551	
96	241,522	274,201	138,283	23,670	5,075	11,615	28,024	
97	171,125	62,569,784	287,661,758	53,654,086	101,709,113	255,894,220	778,449,556	
98	234,311	389,952	137,639	21,950	5,604	11,082	22,039	
Average	221,531	318,131	145,428	23,078	5,221	11,349	28,247	
(4) Ultimate On Level Losses((1) * (1B) * (1C))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	21,920,428	35,708,444	291,667,147	43,729,433	82,576,721	249,319,049	724,921,222	
95	14,208,446	40,271,919	243,457,108	43,769,187	83,887,833	243,410,139	669,004,632	
96	16,892,464	57,240,212	221,283,567	43,607,557	83,552,085	250,822,167	673,398,052	
97	12,342,732	62,057,518	242,298,160	46,446,537	94,002,664	255,579,216	712,726,827	
98	16,960,595	62,569,784	287,661,758	53,654,086	101,709,113	255,894,220	778,449,556	
Total	82,324,664	257,847,876	1,286,367,741	231,206,801	445,728,416	1,255,024,791	3,558,500,289	
(5) Ultimate Claim Counts ((2) * (1D))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	94	157	2,009	2,064	18,768	23,092	23,092	
95	70	153	1,642	1,926	17,300	21,091	21,091	
96	68	165	1,497	1,965	17,812	21,507	21,507	
97	68	183	1,535	2,025	17,957	21,768	21,768	
98	72	133	1,793	2,125	19,068	23,190	23,190	
Total	372	790	8,476	10,104	90,905	110,648	110,648	
(6) Ultimate Average Cost ((4) / (5))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	233,196	227,442	145,180	21,187	4,400	10,797	31,393	
95	202,978	263,422	148,242	22,728	4,849	11,541	31,720	
96	247,738	347,729	147,836	22,194	4,691	11,662	31,311	
97	180,978	339,038	157,881	22,941	5,235	11,741	32,743	
98	236,888	471,416	160,426	25,247	5,334	11,035	33,568	
Average	221,303	326,390	151,766	22,883	4,903	11,342	32,161	
(7) Trended Average Cost ((6) * (1A))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	351,413	342,742	218,778	25,553	5,307	16,052	959,845	
95	289,600	375,839	211,506	26,735	5,704	16,274	925,658	
96	334,654	469,726	199,702	25,463	5,382	15,599	1,050,525	
97	231,465	433,617	201,924	25,671	5,858	14,895	913,430	
98	286,850	570,842	194,261	27,554	5,822	13,278	1,098,607	
Total	1,493,981	2,192,766	1,026,172	130,977	28,072	76,099	4,948,066	
(8) Trended Claim Count ((5) * (1E))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	124	130	1,207	1,795	18,677	21,933	21,933	
95	90	128	1,065	1,727	17,465	20,475	20,475	
96	84	144	1,041	1,802	18,105	21,176	21,176	
97	80	167	1,131	1,881	18,153	21,412	21,412	
98	81	122	1,414	2,012	19,301	22,930	22,930	
Total	459	691	5,858	9,217	91,701	107,926	107,926	
(9) Projected Losses ((7) * (8))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	43,575,170	44,556,477	264,065,139	45,868,104	99,112,615	352,065,525	849,243,030	
95	26,064,002	48,107,377	225,253,658	46,171,962	99,620,020	333,217,749	778,434,768	
96	28,110,924	67,640,491	207,890,262	45,884,068	97,435,263	330,321,900	777,282,907	
97	18,517,171	72,414,010	228,376,335	48,287,503	106,336,210	318,941,085	792,872,315	
98	23,234,827	69,642,747	274,685,676	55,439,602	112,363,193	304,464,591	839,830,636	
Total	139,502,095	302,361,101	1,200,271,071	241,651,239	514,867,301	1,639,010,850	4,037,663,656	
(10) Projected Average Cost ((9) / (8))		Death	P.T	Major	Minor	Temp	Med	Grand Total
94	351,413	342,742	218,778	25,553	5,307	16,052	38,720	
95	289,600	375,839	211,506	26,735	5,704	16,274	38,019	
96	334,654	469,726	199,702	25,463	5,382	15,599	36,706	
97	231,465	433,617	201,924	25,671	5,858	14,895	37,029	
98	286,850	570,842	194,261	27,554	5,822	13,278	36,626	
Average	303,926	437,570	204,894	26,218	5,615	15,186	37,411	

**Pennsylvania
State & Hazard Group Relativities
Projected Loss Costs**

Hazard Group IV

		Death	P.T	Major	Minor	Temp	Med	Grand Total
(1) Reported Losses								
	94	659,409	2,281,961	8,480,187	1,665,259	2,904,389	8,654,639	24,645,844
	95	1,550,038	2,423,408	9,696,427	1,522,925	2,798,628	9,020,021	27,011,447
	96	1,218,102	843,879	5,206,606	2,536,101	2,394,579	10,486,754	22,686,021
	97	1,515,595	400,739	3,263,260	1,498,800	1,734,166	5,382,140	13,794,700
	98	1,342,977	1,824,265	585,373	1,251,513	2,325,629	16,978,195	24,307,952
	Total	6,286,121	7,774,252	27,231,853	8,474,598	12,157,391	50,521,749	112,445,964
(2) Reported Claim Counts								
	94	6	8	53	65	591	723	723
	95	5	6	55	60	545	671	671
	96	5	5	42	87	525	664	664
	97	4	1	26	59	440	530	530
	98	3	4	5	52	442	506	506
	Total	23	24	181	323	2,543	3,094	3,094
(3) Reported Average Cost ((1)/(2))								
	94	109,902	285,245	160,004	25,619	4,914	11,970	34,088
	95	310,008	403,901	176,299	25,382	5,135	13,443	40,256
	96	243,620	168,776	123,967	29,151	4,561	15,793	34,166
	97	378,899	400,739	125,510	25,403	3,941	10,155	26,028
	98	447,659		117,075	24,068	5,262	33,554	48,039
	Average	273,310	323,927	150,452	26,237	4,781	16,329	36,343
(4) Ultimate On Level Losses((1) * (1B) * (1C))								
	94	629,680	1,434,185	8,097,862	1,598,649	2,788,504	8,654,639	23,203,518
	95	1,519,617	3,529,838	9,638,555	1,463,256	2,651,740	9,074,145	27,877,152
	96	1,331,191	3,323,817	6,369,814	2,335,003	2,211,699	10,657,145	26,228,670
	97	1,763,153	2,270,598	6,397,172	1,333,691	1,589,852	5,541,838	18,896,304
	98	1,705,460	19,514,194	2,724,751	1,401,986	2,275,833	18,447,967	46,070,190
	Total	6,949,101	30,072,632	33,228,153	8,132,585	11,517,628	52,375,734	142,275,832
(5) Ultimate Claim Counts ((2) * (1D))								
	94	6	8	53	65	591	723	723
	95	5	10	55	60	545	675	675
	96	5	16	48	85	525	679	679
	97	4	4	44	55	442	550	550
	98	4	35	20	51	454	564	564
	Total	24	73	220	316	2,557	3,191	3,191
(6) Ultimate Average Cost ((4) / (5))								
	94	104,947	179,273	152,790	24,595	4,718	11,970	32,093
	95	303,923	350,182	174,255	24,339	4,866	13,433	41,270
	96	249,890	214,034	132,530	27,333	4,216	15,695	38,628
	97	400,717	595,436	144,932	24,206	3,596	10,083	34,381
	98	452,582		136,457	27,683	5,009	32,700	81,662
	Average	289,546	411,954	151,037	25,736	4,504	16,414	44,587
(7) Trended Average Cost ((6) * (1A))								
	94	158,148	270,154	230,245	29,663	5,691	17,797	711,699
	95	433,625	499,625	248,620	28,631	5,724	18,943	1,235,168
	96	337,562	289,125	179,027	31,359	4,837	20,993	862,903
	97	512,501	761,541	185,362	27,087	4,023	12,792	1,503,306
	98	548,035	-	165,237	30,212	5,466	39,348	788,299
	Total	1,989,872	1,820,445	1,008,492	146,953	25,741	109,873	5,101,375
(8) Trended Claim Count ((5) * (1E))								
	94	8	7	32	57	588	692	692
	95	6	8	36	54	550	654	654
	96	7	14	33	78	533	665	665
	97	5	3	33	51	447	539	539
	98	4	32	16	48	460	560	560
	Total	30	64	150	288	2,578	3,110	3,110
(9) Projected Losses ((7) * (8))								
	94	1,265,187	1,891,077	7,367,848	1,690,817	3,346,134	12,315,394	27,876,458
	95	2,601,750	3,997,002	8,950,303	1,546,086	3,148,092	12,388,911	32,632,143
	96	2,362,932	4,047,753	5,907,903	2,445,993	2,577,861	13,960,251	31,302,694
	97	2,562,507	2,284,622	6,116,957	1,381,419	1,798,475	6,894,763	21,038,743
	98	2,192,141	-	2,643,794	1,450,192	2,514,533	22,034,984	30,835,644
	Total	10,984,517	12,220,455	30,986,805	8,514,508	13,385,095	67,594,302	143,685,681
(10) Projected Average Cost ((9) / (8))								
	94	158,148	270,154	230,245	29,663	5,691	17,797	40,284
	95	433,625	499,625	248,620	28,631	5,724	18,943	49,896
	96	337,562	289,125	179,027	31,359	4,837	20,993	47,072
	97	512,501	761,541	185,362	27,087	4,023	12,792	39,033
	98	548,035		165,237	30,212	5,466	39,348	55,064
	Average	366,151	190,945	206,579	29,564	5,192	21,735	46,201

PENNSYLVANIA
 State and Hazard Group Relativities
 Policy Years 1994-1998

Injury	(1) Incurred Losses	(2) # Claims	(3) Average Severity	(4) Cred- ibility (a)	(5) NCCI Ave Sev (b)	(6) Penna. Relativity (5)/(3i)	(7) Selected
Hazard Group I	28,382,654	1,171	24,238	1.00		1.039	1.039
Hazard Group II	4,356,257,164	154,936	28,116	1.00		0.896	0.896
Hazard Group III	4,037,663,656	107,926	37,411	1.00		0.673	0.673
Hazard Group IV	143,685,681	3,110	46,201	1.00		0.545	0.545
Total - All Hazard Groups	8,565,989,155	267,143	32,065		25,182		

Notes:

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

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