

PENNSYLVANIA COMPENSATION RATING BUREAU

Table I – Summary of Financial Call Data

Table I presents premium and loss data which forms the basis for calculating development factors and projecting ratios of actual losses to expected losses by policy year. Losses are shown on a paid and case incurred (paid plus outstanding, excluding bulk and IBNR) basis split between indemnity and medical.

The data represents a summary of accumulated policy year experience as reported by carriers in the annual Financial Calls for Experience.

Two sets of development factors are shown measuring the development from December 31, 2017 to December 31, 2018 and also from December 31, 2018 to December 31, 2019. So as to maximize the use of available data, the companies used in one stage of development are allowed to be independent of those used in the other stage of development; therefore, the figures shown for the December 31, 2018 valuations may vary.

Experience for large deductible policies has been excluded from Table I. Losses attributable to catastrophe code 48 have been excluded.

Table I - Pages 1-6 - Reported Data

The data on Pages 1-6 represent the experience as reported by the carriers.

Consequently, the 12/31/17, 12/31/18 and 12/31/19 valuations of losses reflect the impact of changes legislated by Act 44 of 1993, Act 57 of 1996, HB 1846 of 2014 and HB 1840 of 2017 as well as the Pennsylvania Supreme Court decision in *Protz v. WCAB (Derry Area School District)* (Protz).

Table I - Pages 7-26 – Adjustments to reflect the impact of legislation and Protz on indemnity losses

In order for the loss development patterns suggested by the financial data to be usable, it is necessary that the indemnity payments and indemnity case reserves be put on a consistent basis with regard to benefit levels. All indemnity payments and reserves are adjusted to a post-HB 1840 basis.

Pages 7-26 show the adjustment factors to bring indemnity losses to a post-HB 1840 level for Calendar Years 2010 through 2019, respectively.

Pages 7 and 8 show the adjustments to Calendar Year 2010 indemnity losses. Successive pages (through Page 26) adjust later calendar year contributions to a post-HB 1840 basis.

Table I - Pages 27-46 – Adjustments to reflect the impact of legislation on medical losses

In order for the loss development patterns suggested by the financial data to be usable, it is necessary that the medical payments and medical case reserves be put on a consistent basis with regard to benefit levels. All medical payments and reserves are adjusted to a post-HB 1846 basis.

Pages 27-46 show the adjustment factors to bring medical losses to a post-HB 1846 level for Calendar Years 2010 through 2019, respectively.

Pages 27 and 28 show the adjustments to Calendar Year 2010 medical losses. Successive pages (through Page 46) adjust later calendar year contributions to a post-HB 1846 basis.

Table I - Pages 47-52 - Adjusted to post-HB 1840 and HB 1846 basis

Pages 47-52 reflect the adjustment to medical costs to bring all data to a post-HB 1846 level and the adjustment to indemnity costs to bring all data to a post-HB 1840 level.

TABLE I

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

## ACCUMULATED STANDARD EARNED PREMIUM

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	14,411,402,418	14,411,405,899	1.0000
1988	1,892,607,569	1,892,607,569	1.0000
1989	2,028,082,946	2,028,082,946	1.0000
1990	2,290,035,843	2,290,035,843	1.0000
1991	2,398,254,432	2,398,256,274	1.0000
1992	2,244,372,912	2,244,372,912	1.0000
1993	2,410,288,015	2,410,288,015	1.0000
1994	1,821,433,152	1,821,433,152	1.0000
1995	1,680,295,166	1,680,295,166	1.0000
1996	1,596,524,889	1,596,524,889	1.0000
1997	1,313,138,328	1,313,143,128	1.0000
1998	1,259,127,734	1,259,167,435	1.0000
1999	1,271,720,235	1,271,772,099	1.0000
2000	1,332,882,520	1,332,955,347	1.0001
2001	1,427,036,571	1,427,131,245	1.0001
2002	1,498,637,483	1,498,516,520	0.9999
2003	1,548,391,398	1,548,393,028	1.0000
2004	1,639,937,700	1,639,952,523	1.0000
2005	1,798,432,036	1,798,466,899	1.0000
2006	1,774,713,609	1,774,731,889	1.0000
2007	1,836,804,159	1,836,833,814	1.0000
2008	1,694,223,990	1,694,258,219	1.0000
2009	1,497,791,226	1,497,815,336	1.0000
2010	1,570,006,391	1,570,050,713	1.0000
2011	1,617,074,353	1,617,728,567	1.0004
2012	1,508,696,170	1,508,841,397	1.0001
2013	1,475,742,876	1,475,774,443	1.0000
2014	1,477,738,398	1,474,923,467	0.9981
2015	1,513,573,740	1,512,283,838	0.9991
2016	1,508,064,645	1,521,360,877	1.0088
2017	882,235,302	1,574,321,870	1.7845
2018		946,384,955	
Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	16,341,273,497	16,341,273,515	1.0000
1989	2,028,102,615	2,028,102,615	1.0000
1990	2,290,405,048	2,290,405,048	1.0000
1991	2,398,443,076	2,398,447,133	1.0000
1992	2,244,438,656	2,244,438,656	1.0000
1993	2,409,615,601	2,409,616,845	1.0000
1994	1,820,873,362	1,821,087,752	1.0001
1995	1,679,960,543	1,679,960,543	1.0000
1996	1,596,023,271	1,596,023,271	1.0000
1997	1,312,458,966	1,312,458,966	1.0000
1998	1,258,395,757	1,258,423,653	1.0000
1999	1,270,965,472	1,270,946,009	1.0000
2000	1,331,848,694	1,331,794,138	1.0000
2001	1,426,111,586	1,426,050,363	1.0000
2002	1,497,895,978	1,498,049,368	1.0001
2003	1,546,429,878	1,546,429,878	1.0000
2004	1,638,122,114	1,638,116,780	1.0000
2005	1,796,793,031	1,796,786,072	1.0000
2006	1,773,722,054	1,773,721,993	1.0000
2007	1,836,137,283	1,836,132,240	1.0000
2008	1,694,030,143	1,694,028,578	1.0000
2009	1,497,813,191	1,497,808,730	1.0000
2010	1,570,019,943	1,570,007,364	1.0000
2011	1,617,272,957	1,616,603,935	0.9996
2012	1,509,038,993	1,509,129,399	1.0001
2013	1,475,876,622	1,476,003,174	1.0001
2014	1,474,817,787	1,475,220,185	1.0003
2015	1,512,094,314	1,510,546,720	0.9990
2016	1,521,151,625	1,519,599,286	0.9990
2017	1,574,173,802	1,594,074,056	1.0126
2018	945,201,510	1,714,406,962	1.8138
2019		821,609,460	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - A - REPORTED

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

## INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior			
to 1988	10,679,091,107	10,694,925,605	1.0015
1988	1,798,752,883	1,799,755,243	1.0006
1989	2,110,452,321	2,114,069,323	1.0017
1990	2,146,750,168	2,148,744,816	1.0009
1991	1,885,716,600	1,887,720,510	1.0011
1992	1,601,034,249	1,604,538,396	1.0022
1993	1,319,575,125	1,317,924,907	0.9987
1994	1,210,072,564	1,213,610,751	1.0029
1995	1,037,083,163	1,038,923,640	1.0018
1996	924,540,899	925,479,768	1.0010
1997	936,956,491	938,875,940	1.0020
1998	965,889,943	968,216,277	1.0024
1999	1,058,000,519	1,059,045,529	1.0010
2000	1,119,950,345	1,123,861,113	1.0035
2001	1,115,973,217	1,117,281,732	1.0012
2002	1,204,472,328	1,215,741,923	1.0094
2003	1,189,357,025	1,192,676,853	1.0028
2004	1,261,431,520	1,267,813,158	1.0051
2005	1,278,992,209	1,283,304,115	1.0034
2006	1,310,085,660	1,316,546,098	1.0049
2007	1,380,152,658	1,383,814,975	1.0027
2008	1,273,559,877	1,275,309,242	1.0014
2009	1,156,760,909	1,157,966,559	1.0010
2010	1,230,184,919	1,236,731,424	1.0053
2011	1,199,254,398	1,199,710,664	1.0004
2012	1,106,824,155	1,108,945,341	1.0019
2013	1,138,515,889	1,129,557,645	0.9921
2014	1,120,371,953	1,130,925,307	1.0094
2015	1,038,607,095	1,078,477,065	1.0384
2016	856,480,774	999,009,875	1.1664
2017	366,132,192	939,250,063	2.5653
2018		409,529,992	
Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	12,536,348,582	12,545,446,134	1.0007
1989	2,114,447,991	2,113,257,631	0.9994
1990	2,148,928,748	2,149,762,658	1.0004
1991	1,887,457,005	1,888,538,648	1.0006
1992	1,604,260,278	1,610,986,043	1.0042
1993	1,317,113,155	1,316,885,559	0.9998
1994	1,212,325,627	1,212,628,899	1.0003
1995	1,038,648,738	1,039,236,247	1.0006
1996	925,362,423	922,409,808	0.9968
1997	937,666,482	937,580,426	0.9999
1998	967,394,993	968,884,087	1.0015
1999	1,058,250,803	1,058,976,673	1.0007
2000	1,122,993,629	1,124,515,761	1.0014
2001	1,116,695,836	1,117,197,352	1.0004
2002	1,215,770,815	1,214,343,679	0.9988
2003	1,191,655,923	1,190,107,887	0.9987
2004	1,266,841,581	1,266,922,462	1.0001
2005	1,282,803,756	1,286,261,532	1.0027
2006	1,316,001,930	1,316,938,453	1.0007
2007	1,383,357,577	1,383,787,406	1.0003
2008	1,275,129,955	1,275,227,010	1.0001
2009	1,157,903,212	1,158,828,197	1.0008
2010	1,236,705,725	1,238,017,240	1.0011
2011	1,199,268,337	1,203,365,047	1.0034
2012	1,108,809,455	1,119,092,260	1.0093
2013	1,129,478,333	1,124,174,992	0.9953
2014	1,130,302,400	1,129,448,813	0.9992
2015	1,078,361,841	1,091,007,132	1.0117
2016	998,816,718	1,047,546,736	1.0488
2017	938,700,947	1,101,149,253	1.1731
2018	409,116,329	1,048,621,695	2.5631
2019		415,778,112	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - B - REPORTED

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

INDEMNITY INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	7,030,595,810	7,030,165,341	0.9999
1988	1,103,132,427	1,102,477,214	0.9994
1989	1,283,967,822	1,284,319,748	1.0003
1990	1,307,287,195	1,308,139,976	1.0007
1991	1,128,528,180	1,129,061,098	1.0005
1992	949,029,335	951,282,245	1.0024
1993	819,671,800	819,697,306	1.0000
1994	750,042,931	749,983,180	0.9999
1995	620,153,885	620,272,728	1.0002
1996	513,151,598	512,934,881	0.9996
1997	513,828,327	514,165,240	1.0007
1998	514,340,124	514,725,714	1.0007
1999	586,528,300	587,050,668	1.0009
2000	622,824,960	622,819,105	1.0000
2001	632,710,612	633,261,274	1.0009
2002	664,639,464	665,392,877	1.0011
2003	644,020,323	643,543,407	0.9993
2004	672,830,386	673,183,300	1.0005
2005	672,179,108	673,526,473	1.0020
2006	695,029,207	696,813,814	1.0026
2007	726,424,626	728,036,385	1.0022
2008	681,273,166	680,941,693	0.9995
2009	616,774,977	618,591,428	1.0029
2010	635,307,411	636,623,397	1.0021
2011	611,844,878	611,905,442	1.0001
2012	559,191,093	561,164,276	1.0035
2013	565,571,831	564,269,535	0.9977
2014	551,769,555	561,297,669	1.0173
2015	500,516,784	540,427,526	1.0797
2016	362,003,903	481,497,273	1.3301
2017	114,333,444	388,759,194	3.4002
2018		117,822,859	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	8,166,302,630	8,169,151,949	1.0003
1989	1,284,658,652	1,284,495,801	0.9999
1990	1,308,409,512	1,307,509,771	0.9993
1991	1,128,983,751	1,128,622,483	0.9997
1992	951,095,607	954,306,118	1.0034
1993	819,182,695	819,483,127	1.0004
1994	749,258,414	748,602,570	0.9991
1995	620,182,502	620,456,975	1.0004
1996	512,864,282	512,684,207	0.9996
1997	513,756,060	514,346,623	1.0011
1998	514,185,888	514,755,870	1.0011
1999	586,537,040	586,272,774	0.9995
2000	622,484,205	622,751,640	1.0004
2001	632,878,753	632,912,138	1.0001
2002	665,383,227	665,389,289	1.0000
2003	642,982,640	641,598,291	0.9978
2004	672,710,098	672,658,472	0.9999
2005	673,353,492	672,717,531	0.9991
2006	696,522,959	697,076,774	1.0008
2007	727,750,457	727,650,568	0.9999
2008	680,921,356	680,011,266	0.9987
2009	618,562,362	619,702,498	1.0018
2010	636,624,708	636,876,628	1.0004
2011	611,708,555	613,398,723	1.0028
2012	561,114,636	563,380,175	1.0040
2013	564,218,659	562,326,997	0.9966
2014	560,967,833	563,434,088	1.0044
2015	540,356,561	552,087,229	1.0217
2016	481,401,780	523,101,163	1.0866
2017	388,498,790	525,978,410	1.3539
2018	117,779,336	419,967,356	3.5657
2019		125,246,412	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - C - REPORTED

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

MEDICAL INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	3,648,495,297	3,664,760,264	1.0045
1988	695,620,456	697,278,029	1.0024
1989	826,484,499	829,749,575	1.0040
1990	839,462,973	840,604,840	1.0014
1991	757,188,420	758,659,412	1.0019
1992	652,004,914	653,256,151	1.0019
1993	499,903,325	498,227,601	0.9966
1994	460,029,633	463,627,571	1.0078
1995	416,929,278	418,650,912	1.0041
1996	411,389,301	412,544,887	1.0028
1997	423,128,164	424,710,700	1.0037
1998	451,549,819	453,490,563	1.0043
1999	471,472,219	471,994,861	1.0011
2000	497,125,385	501,042,008	1.0079
2001	483,262,605	484,020,458	1.0016
2002	539,832,864	550,349,046	1.0195
2003	545,336,702	549,133,446	1.0070
2004	588,601,134	594,629,858	1.0102
2005	606,813,101	609,777,642	1.0049
2006	615,056,453	619,732,284	1.0076
2007	653,728,032	655,778,590	1.0031
2008	592,286,711	594,367,549	1.0035
2009	539,985,932	539,375,131	0.9989
2010	594,877,508	600,108,027	1.0088
2011	587,409,520	587,805,222	1.0007
2012	547,633,062	547,781,065	1.0003
2013	572,944,058	565,288,110	0.9866
2014	568,602,398	569,627,638	1.0018
2015	538,090,311	538,049,539	0.9999
2016	494,476,871	517,512,602	1.0466
2017	251,798,748	550,490,869	2.1862
2018		291,707,133	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	4,370,045,952	4,376,294,185	1.0014
1989	829,789,339	828,761,830	0.9988
1990	840,519,236	842,252,887	1.0021
1991	758,473,254	759,916,165	1.0019
1992	653,164,671	656,679,925	1.0054
1993	497,930,460	497,402,432	0.9989
1994	463,067,213	464,026,329	1.0021
1995	418,466,236	418,779,272	1.0007
1996	412,498,141	409,725,601	0.9933
1997	423,910,422	423,233,803	0.9984
1998	453,209,105	454,128,217	1.0020
1999	471,713,763	472,703,899	1.0021
2000	500,509,424	501,764,121	1.0025
2001	483,817,083	484,285,214	1.0010
2002	550,387,588	548,954,390	0.9974
2003	548,673,283	548,509,596	0.9997
2004	594,131,483	594,263,990	1.0002
2005	609,450,264	613,544,001	1.0067
2006	619,478,971	619,861,679	1.0006
2007	655,607,120	656,136,838	1.0008
2008	594,208,599	595,215,744	1.0017
2009	539,340,850	539,125,699	0.9996
2010	600,081,017	601,140,612	1.0018
2011	587,559,782	589,966,324	1.0041
2012	547,694,819	555,712,085	1.0146
2013	565,259,674	561,847,995	0.9940
2014	569,334,567	566,014,725	0.9942
2015	538,005,280	538,919,903	1.0017
2016	517,414,938	524,445,573	1.0136
2017	550,202,157	575,170,843	1.0454
2018	291,336,993	628,654,339	2.1578
2019		290,531,700	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - D - REPORTED

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

INDEMNITY PAID LOSSES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	6,960,325,744	6,970,136,815	1.0014
1988	1,088,193,680	1,089,807,070	1.0015
1989	1,260,161,832	1,262,954,255	1.0022
1990	1,282,975,702	1,286,412,760	1.0027
1991	1,100,691,821	1,103,774,567	1.0028
1992	923,040,954	926,473,546	1.0037
1993	797,005,463	799,764,340	1.0035
1994	725,259,731	728,273,157	1.0042
1995	604,492,157	606,132,952	1.0027
1996	501,418,711	502,534,448	1.0022
1997	507,040,503	507,843,083	1.0016
1998	509,353,915	510,218,049	1.0017
1999	579,771,693	580,665,321	1.0015
2000	614,774,082	615,710,665	1.0015
2001	623,929,801	625,142,739	1.0019
2002	648,347,997	650,751,446	1.0037
2003	627,018,566	629,476,083	1.0039
2004	647,665,302	651,135,896	1.0054
2005	653,231,094	657,096,706	1.0059
2006	672,660,275	677,959,486	1.0079
2007	702,643,144	707,516,035	1.0069
2008	659,500,105	664,818,914	1.0081
2009	600,267,227	604,302,435	1.0067
2010	611,703,612	617,655,664	1.0097
2011	581,359,817	590,617,264	1.0159
2012	515,281,115	528,651,410	1.0259
2013	517,898,449	536,064,585	1.0351
2014	478,107,200	517,569,375	1.0825
2015	394,886,610	478,328,920	1.2113
2016	208,677,651	374,937,190	1.7967
2017	38,844,846	225,413,466	5.8029
2018		41,922,583	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	8,093,339,858	8,104,914,374	1.0014
1989	1,263,293,159	1,265,803,347	1.0020
1990	1,286,682,296	1,289,605,028	1.0023
1991	1,103,697,220	1,107,051,005	1.0030
1992	926,286,908	929,931,440	1.0039
1993	799,249,729	801,781,105	1.0032
1994	727,548,391	730,794,525	1.0045
1995	606,042,726	608,030,051	1.0033
1996	502,463,849	503,833,590	1.0027
1997	507,433,903	508,748,173	1.0026
1998	509,678,223	510,136,492	1.0009
1999	580,151,693	580,832,745	1.0012
2000	615,375,765	616,484,541	1.0018
2001	624,760,218	626,266,587	1.0024
2002	650,741,796	654,197,374	1.0053
2003	628,915,316	631,297,090	1.0038
2004	650,662,694	655,522,128	1.0075
2005	656,923,725	660,161,292	1.0049
2006	677,668,631	681,105,637	1.0051
2007	707,230,107	710,905,222	1.0052
2008	664,798,577	668,123,042	1.0050
2009	604,273,369	607,449,501	1.0053
2010	617,656,975	622,865,173	1.0084
2011	590,420,377	596,723,737	1.0107
2012	528,601,770	536,243,768	1.0145
2013	536,013,709	542,824,207	1.0127
2014	517,239,539	536,063,218	1.0364
2015	478,257,955	511,887,757	1.0703
2016	374,857,534	457,728,654	1.2211
2017	225,295,855	412,969,296	1.8330
2018	41,876,164	239,806,810	5.7266
2019		44,630,755	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - E - REPORTED

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

MEDICAL PAID LOSSES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	3,503,703,527	3,520,229,159	1.0047
1988	669,736,322	672,490,387	1.0041
1989	786,864,556	792,278,318	1.0069
1990	809,487,235	813,425,253	1.0049
1991	724,711,846	728,151,711	1.0047
1992	623,411,603	627,024,489	1.0058
1993	475,964,788	479,527,352	1.0075
1994	434,701,113	438,492,704	1.0087
1995	394,454,549	397,529,791	1.0078
1996	382,997,117	386,767,077	1.0098
1997	397,274,854	401,791,819	1.0114
1998	418,420,105	421,568,549	1.0075
1999	443,916,501	447,913,278	1.0090
2000	471,162,705	475,316,653	1.0088
2001	463,276,978	466,805,835	1.0076
2002	509,637,289	516,180,502	1.0128
2003	519,114,058	523,820,481	1.0091
2004	557,600,830	562,925,870	1.0095
2005	568,962,766	576,286,952	1.0129
2006	578,052,821	586,085,243	1.0139
2007	624,092,709	630,001,631	1.0095
2008	564,390,015	569,408,613	1.0089
2009	508,631,881	511,931,101	1.0065
2010	549,991,195	556,220,408	1.0113
2011	547,754,215	551,976,514	1.0077
2012	494,157,688	500,013,193	1.0118
2013	510,961,553	515,487,813	1.0089
2014	514,819,643	524,118,927	1.0181
2015	453,886,620	481,105,405	1.0600
2016	361,319,804	449,702,385	1.2446
2017	106,748,784	399,256,841	3.7402
2018		125,269,760	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	4,200,524,588	4,217,490,642	1.0040
1989	792,318,082	796,067,311	1.0047
1990	813,339,649	816,906,243	1.0044
1991	727,965,553	730,851,343	1.0040
1992	626,933,009	631,343,525	1.0070
1993	479,230,211	481,667,289	1.0051
1994	438,084,504	441,109,272	1.0069
1995	397,364,827	399,851,346	1.0063
1996	386,720,331	389,469,071	1.0071
1997	401,190,638	404,009,550	1.0070
1998	421,287,091	424,073,028	1.0066
1999	447,632,180	451,508,812	1.0087
2000	474,784,069	478,368,645	1.0075
2001	466,602,460	469,642,833	1.0065
2002	516,219,044	522,266,118	1.0117
2003	523,360,318	527,449,327	1.0078
2004	562,427,495	567,210,681	1.0085
2005	575,959,574	580,257,071	1.0075
2006	585,831,930	590,867,935	1.0086
2007	629,830,161	634,939,309	1.0081
2008	569,249,663	573,431,088	1.0073
2009	511,896,820	514,374,326	1.0048
2010	556,193,398	561,368,936	1.0093
2011	551,731,074	555,999,886	1.0077
2012	499,926,947	505,805,263	1.0118
2013	515,459,377	520,011,886	1.0088
2014	523,825,856	529,879,285	1.0116
2015	481,061,146	490,811,380	1.0203
2016	449,610,213	476,799,520	1.0605
2017	399,116,875	493,041,337	1.2353
2018	125,060,425	438,312,112	3.5048
2019		132,295,694	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.



TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 09 V. 10 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/09	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/10	CALENDAR YEAR 2010 PAID LOSSES	CALENDAR YEAR 2010 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2010 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/09 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 09-10 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1986	5,324,798.099	5,344,466.246	19,668.147	0.0037	0.8939	0.0033	0.8957	0.8957	1.0000
1986	795,148.735	798,517.401	3,368.666	0.0042	0.8939	0.0038	0.8991	0.8990	1.0000
1987	964,182.245	968,087.182	3,904.937	0.0040	0.8939	0.0036	0.9005	0.9005	1.0000
1988	1,090,231.705	1,094,683.898	4,452.193	0.0041	0.8939	0.0036	0.9020	0.9020	1.0000
1989	1,254,050.880	1,258,559.391	4,508.511	0.0036	0.8939	0.0032	0.9038	0.9038	1.0000
1990	1,278,895.310	1,285,087.746	6,192.436	0.0048	0.8939	0.0043	0.9070	0.9070	0.9999
1991	1,104,492.947	1,111,028.850	6,535.903	0.0059	0.8939	0.0053	0.9116	0.9114	0.9999
1992	924,250.133	931,339.738	7,089.605	0.0076	0.8939	0.0068	0.9175	0.9173	0.9998
1993	788,791.515	795,505.929	6,714.414	0.0084	0.8939	0.0075	0.9270	0.9267	0.9997
1994	716,178.262	721,507.368	5,329.106	0.0074	0.8939	0.0066	0.9394	0.9391	0.9996
1995	611,378.702	615,396.859	4,018.157	0.0065	0.9244	0.0060	0.9639	0.9636	0.9997
1996	514,299.149	517,373.088	3,073.939	0.0059	0.9854	0.0059	1.0017	1.0017	0.9999
1997	540,229.646	542,718.778	2,489.132	0.0046	1.0159	0.0047	1.0159	1.0159	1.0000
1998	559,974.848	563,248.266	3,273.418	0.0058	1.0159	0.0059	1.0159	1.0159	1.0000
1999	643,341.416	648,385.429	5,044.013	0.0078	1.0159	0.0079	1.0159	1.0159	1.0000
2000	676,820.898	684,357.897	7,536.999	0.0110	1.0159	0.0112	1.0159	1.0159	1.0000
2001	659,157.013	666,039.407	6,882.394	0.0103	1.0159	0.0105	1.0159	1.0159	1.0000
2002	638,743.990	654,305.355	15,561.365	0.0238	1.0159	0.0242	1.0159	1.0159	1.0000
2003	599,593.093	618,553.631	18,960.538	0.0307	1.0159	0.0311	1.0159	1.0159	1.0000
2004	591,838.387	618,169.450	26,331.063	0.0426	1.0159	0.0433	1.0159	1.0159	1.0000
2005	579,909.030	620,749.235	40,840.205	0.0658	1.0159	0.0668	1.0159	1.0159	1.0000
2006	524,721.516	599,201.398	74,479.882	0.1243	1.0159	0.1263	1.0159	1.0159	1.0000
2007	444,186.626	582,810.720	138,624.094	0.2379	1.0159	0.2416	1.0159	1.0159	1.0000
2008	227,907.039	440,279.411	212,372.372	0.4824	1.0159	0.4900	1.0159	1.0159	1.0000
2009	41,718.409	208,947.012	167,228.603	0.8003	1.0159	0.8131	1.0159	1.0159	1.0000
2010		42,992.299	42,992.299	1.0000	1.0159	1.0159	1.0159	1.0159	1.0000

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/09	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/09 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/09 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/10	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/10 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/10 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1986	134,588.703	0.0247	0.8939	0.0220	116,706.384	0.0214	0.8939	0.0191
1986	26,475.322	0.0322	0.8939	0.0288	24,476.970	0.0297	0.8939	0.0266
1987	29,997.194	0.0302	0.8939	0.0270	25,568.046	0.0257	0.8939	0.0230
1988	38,992.886	0.0345	0.8939	0.0309	34,984.937	0.0310	0.8939	0.0277
1989	45,438.129	0.0350	0.8939	0.0313	40,643.160	0.0313	0.8939	0.0280
1990	53,064.822	0.0398	0.8939	0.0356	47,146.528	0.0354	0.8939	0.0316
1991	57,827.041	0.0498	0.8939	0.0445	54,484.684	0.0467	0.8939	0.0418
1992	59,521.836	0.0605	0.8939	0.0541	51,362.572	0.0523	0.8939	0.0467
1993	52,367.048	0.0623	0.8939	0.0557	45,464.250	0.0541	0.8939	0.0483
1994	49,534.042	0.0647	0.8939	0.0578	43,761.708	0.0572	0.8939	0.0511
1995	34,854.684	0.0539	0.9244	0.0499	31,252.152	0.0483	0.9244	0.0447
1996	27,311.378	0.0504	0.9854	0.0497	24,889.267	0.0459	0.9854	0.0452
1997	18,570.743	0.0332	1.0159	0.0338	15,499.564	0.0278	1.0159	0.0282
1998	18,072.330	0.0313	1.0159	0.0318	14,795.649	0.0256	1.0159	0.0260
1999	23,765.626	0.0356	1.0159	0.0362	18,754.376	0.0281	1.0159	0.0286
2000	28,516.598	0.0404	1.0159	0.0411	23,944.823	0.0338	1.0159	0.0343
2001	27,914.701	0.0406	1.0159	0.0413	22,511.901	0.0327	1.0159	0.0332
2002	53,816.094	0.0777	1.0159	0.0789	44,796.282	0.0641	1.0159	0.0651
2003	53,906.064	0.0825	1.0159	0.0838	43,125.695	0.0652	1.0159	0.0662
2004	86,347.850	0.1273	1.0159	0.1293	68,738.458	0.1001	1.0159	0.1017
2005	105,221.318	0.1536	1.0159	0.1560	75,258.387	0.1081	1.0159	0.1098
2006	160,187.817	0.2339	1.0159	0.2376	113,015.814	0.1587	1.0159	0.1612
2007	216,472.449	0.3277	1.0159	0.3329	156,371.165	0.2115	1.0159	0.2149
2008	220,869.306	0.4922	1.0159	0.5000	186,919.401	0.2980	1.0159	0.3028
2009	75,771.239	0.6449	1.0159	0.6552	193,126.912	0.4803	1.0159	0.4880
2010					81,978.279	0.6560	1.0159	0.6664

† FROM PA 4/1/13 REVISION - EXHIBIT 5

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY	CUMULATIVE REPORTED INDEMNITY	INDEMNITY INCURRED LOSSES AS OF 12/31/10	INDEMNITY INCURRED LOSSES AS OF 12/31/09	INDEMNITY INCURRED LOSSES AS OF 12/31/10	INDEMNITY INCURRED LOSSES AS OF 12/31/09
	AS OF 12/31/09	AS OF 12/31/10	PAID LOSSES WEIGHTS	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-(11)))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,459,386.802	5,461,172.630	0.0036	0.8957	0.8957	1.0000
1986	821,624.057	822,994.371	0.0041	0.8989	0.8989	1.0000
1987	994,179.439	993,655.228	0.0039	0.9003	0.9003	1.0000
1988	1,129,224.591	1,129,688.635	0.0039	0.9017	0.9017	1.0000
1989	1,299,489.009	1,299,202.551	0.0035	0.9035	0.9035	1.0000
1990	1,331,960.132	1,332,234.274	0.0046	0.9065	0.9065	1.0000
1991	1,162,319.988	1,165,513.534	0.0056	0.9107	0.9106	0.9999
1992	983,771.969	982,702.310	0.0072	0.9161	0.9161	1.0000
1993	841,158.563	840,970.179	0.0080	0.9249	0.9249	1.0000
1994	765,712.304	765,269.076	0.0070	0.9365	0.9365	1.0000
1995	646,233.386	646,649.011	0.0062	0.9618	0.9617	1.0000
1996	541,610.527	542,262.355	0.0057	1.0009	1.0009	1.0000
1997	558,800.389	558,218.342	0.0045	1.0159	1.0159	1.0000
1998	578,047.178	578,043.915	0.0057	1.0159	1.0159	1.0000
1999	667,107.042	667,139.805	0.0076	1.0159	1.0159	1.0000
2000	705,337.496	708,302.720	0.0106	1.0159	1.0159	1.0000
2001	687,071.714	688,551.308	0.0100	1.0159	1.0159	1.0000
2002	692,560.084	699,101.637	0.0223	1.0159	1.0159	1.0000
2003	653,489.157	661,679.326	0.0287	1.0159	1.0159	1.0000
2004	678,186.237	686,907.908	0.0383	1.0159	1.0159	1.0000
2005	685,130.348	696,007.622	0.0587	1.0159	1.0159	1.0000
2006	684,909.333	712,217.212	0.1046	1.0159	1.0159	1.0000
2007	660,659.075	739,181.885	0.1875	1.0159	1.0159	1.0000
2008	448,776.345	627,198.812	0.3386	1.0159	1.0159	1.0000
2009	117,489.648	402,073.924	0.4159	1.0159	1.0159	1.0000
2010		124,970.578	0.3440		1.0159	

□ □ □ CONSISTENT WITH 09@1ST, 08@2ND, 07@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/09	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/10	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2010 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/09	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/10
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	5,459,386.802	5,461,172.630	1,785,828	19,668,147	134,588,703	116,706,384
1986	821,624.057	822,994.371				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			WEIGHT	WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	823,409.885	0.9978	0.8989	0.8969		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0239	0.8939	0.0214			
	CASE RESERVES AS OF 12/31/09	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/10	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41)
PRIOR TO 1986	0.1635	0.8939	0.1461	0.1417	0.8939	0.1267
						(43) = (42) - (39)
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.8989	1.0000				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 10 V. 11 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/10	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/11	CALENDAR YEAR 2011 PAID LOSSES	CALENDAR YEAR 2011 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2011 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 10-11 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
	†	‡					□		
PRIOR TO 1986	5,308,721.015	5,323,970.542	15,249.527	0.0029	0.8939	0.0026	0.8957	0.8957	1.0000
1986	793,346.631	795,923.176	2,576.545	0.0032	0.8939	0.0029	0.8990	0.8990	1.0000
1987	963,659.792	966,887.620	3,227.828	0.0033	0.8939	0.0030	0.9005	0.9004	1.0000
1988	1,089,434.893	1,093,092.864	3,657.971	0.0033	0.8939	0.0030	0.9020	0.9019	1.0000
1989	1,254,143.615	1,258,262.658	4,119.043	0.0033	0.8939	0.0029	0.9038	0.9037	1.0000
1990	1,281,440.871	1,286,371.198	4,930.327	0.0038	0.8939	0.0034	0.9070	0.9069	0.9999
1991	1,104,873.457	1,110,604.018	5,730.561	0.0052	0.8939	0.0046	0.9114	0.9114	0.9999
1992	928,731.211	933,526.625	4,795.414	0.0051	0.8939	0.0046	0.9173	0.9172	0.9999
1993	794,846.273	800,100.219	5,253.946	0.0066	0.8939	0.0059	0.9267	0.9265	0.9998
1994	721,615.251	725,921.732	4,306.481	0.0059	0.8939	0.0053	0.9391	0.9388	0.9997
1995	614,688.377	618,111.822	3,423.445	0.0055	0.9244	0.0051	0.9636	0.9634	0.9998
1996	517,215.702	520,215.347	2,999.645	0.0058	0.9854	0.0057	1.0017	1.0016	0.9999
1997	542,305.315	544,585.212	2,279.897	0.0042	1.0159	0.0043	1.0159	1.0159	1.0000
1998	555,252.461	558,510.650	3,258.189	0.0058	1.0159	0.0059	1.0159	1.0159	1.0000
1999	625,636.979	630,342.752	4,705.773	0.0075	1.0159	0.0076	1.0159	1.0159	1.0000
2000	660,323.113	665,122.025	4,798.912	0.0072	1.0159	0.0073	1.0159	1.0159	1.0000
2001	654,062.428	658,864.734	4,782.306	0.0073	1.0159	0.0074	1.0159	1.0159	1.0000
2002	651,570.810	661,343.287	9,772.477	0.0148	1.0159	0.0150	1.0159	1.0159	1.0000
2003	618,586.118	629,447.722	10,861.604	0.0173	1.0159	0.0175	1.0159	1.0159	1.0000
2004	618,351.159	635,740.396	17,389.237	0.0274	1.0159	0.0278	1.0159	1.0159	1.0000
2005	620,819.200	645,426.755	24,607.555	0.0381	1.0159	0.0387	1.0159	1.0159	1.0000
2006	599,132.689	640,914.112	41,781.423	0.0652	1.0159	0.0662	1.0159	1.0159	1.0000
2007	583,060.304	656,061.157	73,000.853	0.1113	1.0159	0.1130	1.0159	1.0159	1.0000
2008	440,179.971	564,853.095	124,673.124	0.2207	1.0159	0.2242	1.0159	1.0159	1.0000
2009	209,038.491	400,543.829	191,505.338	0.4781	1.0159	0.4857	1.0159	1.0159	1.0000
2010	42,981.614	215,681.537	172,699.923	0.8007	1.0159	0.8135	1.0159	1.0159	1.0000
2011		43,703.315	43,703.315	1.0000	1.0159	1.0159	1.0159	1.0159	

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/10	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/10 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
	†	‡	□		†	□		
PRIOR TO 1986	116,617.337	0.0215	0.8939	0.0192	104,738.462	0.0193	0.8939	0.0172
1986	24,476.970	0.0299	0.8939	0.0268	22,456.618	0.0274	0.8939	0.0245
1987	25,568.046	0.0258	0.8939	0.0231	22,492.064	0.0227	0.8939	0.0203
1988	34,984.736	0.0311	0.8939	0.0278	32,975.109	0.0293	0.8939	0.0262
1989	40,638.160	0.0314	0.8939	0.0281	41,351.210	0.0318	0.8939	0.0284
1990	47,136.528	0.0355	0.8939	0.0317	43,514.606	0.0327	0.8939	0.0292
1991	53,955.596	0.0466	0.8939	0.0416	49,061.060	0.0423	0.8939	0.0378
1992	51,362.572	0.0524	0.8939	0.0468	48,829.487	0.0497	0.8939	0.0444
1993	45,464.250	0.0541	0.8939	0.0484	42,173.549	0.0501	0.8939	0.0448
1994	43,761.608	0.0572	0.8939	0.0511	41,529.225	0.0541	0.8939	0.0484
1995	31,252.152	0.0484	0.9244	0.0447	28,143.111	0.0435	0.9244	0.0403
1996	24,889.267	0.0459	0.9854	0.0452	22,148.749	0.0408	0.9854	0.0402
1997	15,499.464	0.0278	1.0159	0.0282	13,508.182	0.0242	1.0159	0.0246
1998	14,772.617	0.0259	1.0159	0.0263	11,895.900	0.0209	1.0159	0.0212
1999	17,828.495	0.0277	1.0159	0.0281	14,381.784	0.0223	1.0159	0.0227
2000	23,899.267	0.0349	1.0159	0.0355	21,690.233	0.0316	1.0159	0.0321
2001	22,526.649	0.0333	1.0159	0.0338	19,699.543	0.0290	1.0159	0.0295
2002	44,795.282	0.0643	1.0159	0.0654	41,646.506	0.0592	1.0159	0.0602
2003	43,125.695	0.0652	1.0159	0.0662	40,987.311	0.0611	1.0159	0.0621
2004	68,738.458	0.1000	1.0159	0.1016	61,375.148	0.0880	1.0159	0.0894
2005	75,258.387	0.1081	1.0159	0.1098	59,932.726	0.0850	1.0159	0.0863
2006	113,015.814	0.1587	1.0159	0.1612	84,928.620	0.1170	1.0159	0.1189
2007	156,217.182	0.2113	1.0159	0.2147	107,810.140	0.1411	1.0159	0.1434
2008	186,877.752	0.2980	1.0159	0.3028	127,937.850	0.1847	1.0159	0.1876
2009	193,296.035	0.4804	1.0159	0.4881	168,867.477	0.2966	1.0159	0.3013
2010	82,009.410	0.6561	1.0159	0.6666	201,408.710	0.4829	1.0159	0.4906
2011					81,863.832	0.6520	1.0159	0.6623

† FROM PA 4/1/14 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 09 V. 10 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 09 V. 10 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY	CUMULATIVE REPORTED INDEMNITY	INDEMNITY INCURRED LOSSES AS OF 12/31/11	INDEMNITY INCURRED LOSSES AS OF 12/31/10	INDEMNITY INCURRED LOSSES AS OF 12/31/11	INDEMNITY INCURRED LOSSES 10-11 LDF
	INCURRED LOSSES AS OF 12/31/10	INCURRED LOSSES AS OF 12/31/11	PAID LOSSES WEIGHTS	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) +((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,425,338.352	5,428,709.004	0.0028	0.8957	0.8957	1.0000
1986	817,823.601	818,379.794	0.0031	0.8989	0.8989	1.0000
1987	989,227.838	989,379.684	0.0033	0.9003	0.9003	1.0000
1988	1,124,419.629	1,128,067.973	0.0032	0.9017	0.9017	1.0000
1989	1,294,781.775	1,299,613.868	0.0032	0.9035	0.9034	1.0000
1990	1,328,577.399	1,329,885.804	0.0037	0.9065	0.9065	1.0000
1991	1,158,829.053	1,159,665.078	0.0049	0.9106	0.9106	1.0000
1992	980,093.783	982,356.112	0.0049	0.9161	0.9160	0.9999
1993	840,310.523	842,273.768	0.0062	0.9249	0.9248	0.9999
1994	765,376.859	767,450.957	0.0056	0.9365	0.9364	0.9999
1995	645,940.529	646,254.933	0.0053	0.9617	0.9617	1.0000
1996	542,104.969	542,364.096	0.0055	1.0009	1.0009	1.0000
1997	557,804.779	558,093.394	0.0041	1.0159	1.0159	1.0000
1998	570,025.078	570,406.550	0.0057	1.0159	1.0159	1.0000
1999	643,465.474	644,724.536	0.0073	1.0159	1.0159	1.0000
2000	684,222.380	686,812.258	0.0070	1.0159	1.0159	1.0000
2001	676,609.077	678,564.277	0.0070	1.0159	1.0159	1.0000
2002	696,366.092	702,989.793	0.0139	1.0159	1.0159	1.0000
2003	661,711.813	670,435.033	0.0162	1.0159	1.0159	1.0000
2004	687,089.617	697,115.544	0.0249	1.0159	1.0159	1.0000
2005	696,077.587	705,359.481	0.0349	1.0159	1.0159	1.0000
2006	712,148.503	725,842.732	0.0576	1.0159	1.0159	1.0000
2007	739,277.486	763,871.297	0.0956	1.0159	1.0159	1.0000
2008	627,057.723	692,790.945	0.1800	1.0159	1.0159	1.0000
2009	402,334.526	569,411.306	0.3363	1.0159	1.0159	1.0000
2010	124,991.024	417,090.247	0.4141	1.0159	1.0159	1.0000
2011		125,567.147	0.3480		1.0159	

□ □ □ CONSISTENT WITH 10@1ST, 09@2ND, 08@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/10	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/11	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2011 PAID LOSSES	CUMULATIVE INDEMNITY CASE RESERVES AS OF 12/31/10	CUMULATIVE INDEMNITY CASE RESERVES AS OF 12/31/11
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	5,425,338.352	5,428,709.004	3,370.652	15,249.527	116,617.337	104,738.462
1986	817,823.601	818,379.794				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			WEIGHT	WEIGHTED		
			ADJUSTMENT FACTOR	ADJUSTMENT FACTOR		
	(30) = (24) 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
	+ (26) Prior to 1986					
PRIOR TO 1986	821,194.253	0.9959	0.8989	0.8952		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		ADJUSTMENT FACTOR				
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0186	0.8939	0.0166			
	CASE RESERVES AS OF 12/31/10	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/11	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41)
PRIOR TO 1986	0.1420	0.8939	0.1269	0.1275	0.8939	0.1140
						(43) = (42) - (39)
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.8989	1.0000				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 11 V. 12 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/11	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/12	CALENDAR YEAR 2012 PAID LOSSES	CALENDAR YEAR 2012 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2012 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 11-12 LDF ADJUSTMENT FACTOR
	†	‡	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	□	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
	(1)	(2)					(7)		
PRIOR TO 1986	5,240,985.150	5,254,229.109	13,243.959	0.0025	0.8939	0.0023	0.8957	0.8957	1.0000
1986	786,569.942	789,489.310	2,919.368	0.0037	0.8939	0.0033	0.8990	0.8990	1.0000
1987	957,815.790	961,174.901	3,359.111	0.0035	0.8939	0.0031	0.9004	0.9004	1.0000
1988	1,085,204.532	1,089,004.606	3,800.074	0.0035	0.8939	0.0031	0.9019	0.9019	1.0000
1989	1,244,438.030	1,249,501.522	5,063.492	0.0041	0.8939	0.0036	0.9037	0.9037	1.0000
1990	1,270,143.471	1,274,573.299	4,429.828	0.0035	0.8939	0.0031	0.9069	0.9069	1.0000
1991	1,095,234.842	1,099,978.317	4,743.475	0.0043	0.8939	0.0039	0.9114	0.9113	0.9999
1992	922,466.903	927,656.813	5,189.910	0.0056	0.8939	0.0050	0.9172	0.9171	0.9999
1993	794,170.774	798,349.853	4,179.079	0.0052	0.8939	0.0047	0.9265	0.9263	0.9998
1994	719,873.171	723,642.533	3,769.362	0.0052	0.8939	0.0047	0.9388	0.9386	0.9998
1995	614,559.232	618,180.731	3,621.499	0.0059	0.9244	0.0054	0.9634	0.9632	0.9998
1996	517,840.258	519,850.309	2,010.051	0.0039	0.9854	0.0038	1.0016	1.0015	0.9999
1997	542,169.809	544,132.218	1,962.409	0.0036	1.0159	0.0037	1.0159	1.0159	1.0000
1998	554,224.801	554,777.982	553.181	0.0010	1.0159	0.0010	1.0159	1.0159	1.0000
1999	625,531.744	628,248.556	2,716.812	0.0043	1.0159	0.0044	1.0159	1.0159	1.0000
2000	659,094.656	663,877.579	4,782.923	0.0072	1.0159	0.0073	1.0159	1.0159	1.0000
2001	653,492.873	657,679.075	4,386.202	0.0067	1.0159	0.0068	1.0159	1.0159	1.0000
2002	659,359.679	667,939.068	8,579.389	0.0128	1.0159	0.0130	1.0159	1.0159	1.0000
2003	628,198.911	636,899.966	8,701.055	0.0137	1.0159	0.0139	1.0159	1.0159	1.0000
2004	633,464.913	647,622.681	14,157.768	0.0219	1.0159	0.0222	1.0159	1.0159	1.0000
2005	642,879.930	656,613.762	13,733.832	0.0209	1.0159	0.0212	1.0159	1.0159	1.0000
2006	638,961.847	663,732.642	24,770.795	0.0373	1.0159	0.0379	1.0159	1.0159	1.0000
2007	654,201.097	688,818.542	34,617.445	0.0503	1.0159	0.0511	1.0159	1.0159	1.0000
2008	562,077.892	623,700.170	61,622.278	0.0988	1.0159	0.1004	1.0159	1.0159	1.0000
2009	398,102.488	510,094.392	111,991.904	0.2196	1.0159	0.2230	1.0159	1.0159	1.0000
2010	214,733.897	415,256.276	200,522.379	0.4829	1.0159	0.4906	1.0159	1.0159	1.0000
2011	43,470.148	220,280.231	176,810.083	0.8027	1.0159	0.8154	1.0159	1.0159	1.0000
2012		41,378.319	41,378.319	1.0000	1.0159	1.0159		1.0159	

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES								
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY CASE RESERVES AS OF 12/31/12 ADJUSTMENT FACTOR
	†	‡	□	□	†	‡	□	□	□
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	
PRIOR TO 1986	103,775.217	0.0194	0.8939	0.0174	91,283.023	0.0171	0.8939	0.0153	
1986	22,326.702	0.0276	0.8939	0.0247	19,823.486	0.0245	0.8939	0.0219	
1987	22,471.870	0.0229	0.8939	0.0205	20,144.904	0.0205	0.8939	0.0184	
1988	32,975.109	0.0295	0.8939	0.0264	26,356.089	0.0236	0.8939	0.0211	
1989	41,351.209	0.0322	0.8939	0.0287	39,184.174	0.0304	0.8939	0.0272	
1990	43,251.752	0.0329	0.8939	0.0294	38,953.586	0.0297	0.8939	0.0265	
1991	49,061.060	0.0429	0.8939	0.0383	45,823.904	0.0400	0.8939	0.0357	
1992	48,829.486	0.0503	0.8939	0.0449	46,103.820	0.0473	0.8939	0.0423	
1993	41,958.146	0.0502	0.8939	0.0449	37,653.705	0.0450	0.8939	0.0403	
1994	41,529.225	0.0545	0.8939	0.0488	36,649.666	0.0507	0.8939	0.0453	
1995	28,045.764	0.0436	0.9244	0.0403	25,245.811	0.0392	0.9244	0.0363	
1996	22,148.749	0.0410	0.9854	0.0404	21,661.591	0.0400	0.9854	0.0394	
1997	13,508.182	0.0243	1.0159	0.0247	12,699.983	0.0228	1.0159	0.0232	
1998	11,673.215	0.0206	1.0159	0.0210	9,729.479	0.0172	1.0159	0.0175	
1999	14,381.784	0.0225	1.0159	0.0228	12,270.994	0.0192	1.0159	0.0195	
2000	21,199.856	0.0312	1.0159	0.0317	17,584.873	0.0258	1.0159	0.0262	
2001	19,699.542	0.0293	1.0159	0.0297	17,165.474	0.0254	1.0159	0.0258	
2002	41,527.780	0.0593	1.0159	0.0602	32,675.502	0.0466	1.0159	0.0474	
2003	40,959.192	0.0612	1.0159	0.0622	34,420.701	0.0513	1.0159	0.0521	
2004	61,100.922	0.0880	1.0159	0.0894	49,793.782	0.0714	1.0159	0.0725	
2005	59,772.904	0.0851	1.0159	0.0864	47,184.556	0.0670	1.0159	0.0681	
2006	84,689.666	0.1170	1.0159	0.1189	61,112.880	0.0843	1.0159	0.0857	
2007	107,704.190	0.1414	1.0159	0.1436	74,362.726	0.0974	1.0159	0.0990	
2008	127,597.697	0.1850	1.0159	0.1880	80,614.348	0.1145	1.0159	0.1163	
2009	168,319.420	0.2972	1.0159	0.3019	110,512.296	0.1781	1.0159	0.1809	
2010	200,859.018	0.4833	1.0159	0.4910	172,439.485	0.2934	1.0159	0.2981	
2011	81,599.567	0.6524	1.0159	0.6628	198,300.716	0.4737	1.0159	0.4813	
2012					74,774.431	0.6438	1.0159	0.6540	

† FROM PA 4/1/15 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 10 V. 11 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 10 V. 11 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/11	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/12	INDEMNITY AS OF 12/31/12 PAID LOSSES WEIGHTS	INDEMNITY AS OF 12/31/11 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/12 ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,344,760.367	5,345,512.132	0.0025	0.8957	0.8957	1.0000
1986	808,896.644	809,312.796	0.0036	0.8989	0.8989	1.0000
1987	980,287.660	981,319.805	0.0034	0.9003	0.9003	1.0000
1988	1,118,179.641	1,115,360.695	0.0034	0.9017	0.9017	1.0000
1989	1,285,789.239	1,288,685.696	0.0039	0.9034	0.9034	1.0000
1990	1,313,395.223	1,313,526.885	0.0034	0.9065	0.9065	1.0000
1991	1,144,295.902	1,145,802.221	0.0041	0.9106	0.9106	1.0000
1992	971,296.389	973,760.633	0.0053	0.9160	0.9160	0.9999
1993	836,128.920	836,003.558	0.0050	0.9248	0.9248	1.0000
1994	761,402.396	762,292.199	0.0049	0.9363	0.9363	0.9999
1995	642,604.996	643,426.542	0.0056	0.9617	0.9617	1.0000
1996	539,989.007	541,511.900	0.0037	1.0009	1.0009	1.0000
1997	555,677.991	556,832.201	0.0035	1.0159	1.0159	1.0000
1998	565,898.016	564,507.461	0.0010	1.0159	1.0159	1.0000
1999	639,913.528	640,519.550	0.0042	1.0159	1.0159	1.0000
2000	680,294.512	681,462.452	0.0070	1.0159	1.0159	1.0000
2001	673,192.415	675,044.549	0.0065	1.0159	1.0159	1.0000
2002	700,887.459	700,614.570	0.0122	1.0159	1.0159	1.0000
2003	669,158,103	671,320,667	0.0130	1.0159	1.0159	1.0000
2004	694,565,835	697,416,463	0.0203	1.0159	1.0159	1.0000
2005	702,652,834	703,798,318	0.0195	1.0159	1.0159	1.0000
2006	723,651,513	724,845,522	0.0342	1.0159	1.0159	1.0000
2007	761,905,287	763,181,268	0.0454	1.0159	1.0159	1.0000
2008	689,675,589	704,314,518	0.0875	1.0159	1.0159	1.0000
2009	566,421,908	620,606,688	0.1805	1.0159	1.0159	1.0000
2010	415,592,915	587,695,761	0.3412	1.0159	1.0159	1.0000
2011	125,069,715	418,580,947	0.4224	1.0159	1.0159	1.0000
2012		116,152,750	0.3562		1.0159	

□ □ □ CONSISTENT WITH 11@1ST, 10@2ND, 09@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/11	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/12	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2012 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	5,344,760.367	5,345,512.132	751,765	13,243,959	103,775,217	91,283,023
1986	808,896.644	809,312.796				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			WEIGHT	WEIGHTED		
			(31) = (24) 1986 / (30)	ADJUSTMENT		
			(32) = (21)	ADJUSTMENT		
				FACTOR		
PRIOR TO 1986	809,648.409	0.9991	0.8989	0.8980		
			AVERAGE	PAID PORTION		
			PAYMENT	ADJUSTMENT		
			LEVEL	FACTOR		
			(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)	
PRIOR TO 1986	0.0164	0.8939	0.0146			
			RESERVE	CASE RESERVES	AVERAGE	RESERVE
			WEIGHTED	AS OF 12/31/12	RESERVE	WEIGHTED
			ADJUSTMENT	WEIGHT	LEVEL	ADJUSTMENT
			FACTOR	(40) = (29) / (30)	(41) = (16)	FACTOR
			(39) = (37) * (38)	(42) = (40) * (41)	(43) = (42) - (39)	
PRIOR TO 1986	0.1282	0.8939	0.1146	0.1127	0.8939	0.1008
						-0.0138
			PRIOR TO 1986			
			LDF ADJUSTMENT			
			FACTOR			
			(44) = (33) + (36) + (43)	(45) = (44) / (32)		
PRIOR TO 1986	0.8989	1.0000				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 12 V. 13 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/12	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/13	CALENDAR YEAR 2013 PAID LOSSES	CALENDAR YEAR 2013 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2013 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 12-13 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1986	5,335,978.211	5,348,345.572	12,367.361	0.0023	0.8939	0.0021	0.8957	0.8957	1.0000
1986	798,642.443	801,113.760	2,471.317	0.0031	0.8939	0.0028	0.8990	0.8990	1.0000
1987	970,075.666	973,030.150	2,954.484	0.0030	0.8939	0.0027	0.9004	0.9004	1.0000
1988	1,096,739.176	1,099,397.811	2,658.635	0.0024	0.8939	0.0022	0.9019	0.9019	1.0000
1989	1,262,188.496	1,266,958.158	4,769.662	0.0038	0.8939	0.0034	0.9037	0.9037	1.0000
1990	1,289,533.037	1,293,844.137	4,311.100	0.0033	0.8939	0.0030	0.9069	0.9068	1.0000
1991	1,114,767.444	1,118,964.800	4,197.356	0.0038	0.8939	0.0034	0.9113	0.9112	0.9999
1992	936,724.771	941,690.218	4,965.447	0.0053	0.8939	0.0047	0.9171	0.9170	0.9999
1993	803,194.796	807,564.524	4,369.728	0.0054	0.8939	0.0048	0.9263	0.9261	0.9998
1994	728,486.965	733,713.018	5,226.053	0.0071	0.8939	0.0064	0.9386	0.9382	0.9997
1995	621,346.871	623,885.487	2,538.616	0.0041	0.9244	0.0038	0.9632	0.9630	0.9998
1996	521,782.778	524,402.768	2,619.990	0.0050	0.9854	0.0049	1.0015	1.0014	0.9999
1997	542,650.129	544,043.892	1,393.763	0.0026	1.0159	0.0026	1.0159	1.0159	1.0000
1998	558,862.680	560,227.314	1,364.634	0.0024	1.0159	0.0025	1.0159	1.0159	1.0000
1999	627,744.971	629,152.299	1,407.328	0.0022	1.0159	0.0023	1.0159	1.0159	1.0000
2000	662,482.063	665,833.303	3,351.240	0.0050	1.0159	0.0051	1.0159	1.0159	1.0000
2001	654,728.658	659,589.090	4,870.432	0.0074	1.0159	0.0075	1.0159	1.0159	1.0000
2002	665,350.887	672,540.036	7,189.149	0.0107	1.0159	0.0109	1.0159	1.0159	1.0000
2003	636,717.257	643,097.761	6,380.504	0.0099	1.0159	0.0101	1.0159	1.0159	1.0000
2004	649,662.669	658,609.565	8,946.896	0.0136	1.0159	0.0138	1.0159	1.0159	1.0000
2005	659,076.098	670,585.829	11,509.731	0.0172	1.0159	0.0174	1.0159	1.0159	1.0000
2006	665,335.690	683,019.076	17,683.386	0.0259	1.0159	0.0263	1.0159	1.0159	1.0000
2007	690,423.123	709,227.313	18,804.190	0.0265	1.0159	0.0269	1.0159	1.0159	1.0000
2008	625,818.687	656,762.468	30,943.781	0.0471	1.0159	0.0479	1.0159	1.0159	1.0000
2009	511,354.611	570,170.850	58,816.239	0.1032	1.0159	0.1048	1.0159	1.0159	1.0000
2010	415,556.824	539,684.689	124,127.865	0.2300	1.0159	0.2337	1.0159	1.0159	1.0000
2011	219,819.988	419,389.764	199,569.776	0.4759	1.0159	0.4834	1.0159	1.0159	1.0000
2012	41,535.001	208,168.253	166,633.252	0.8005	1.0159	0.8132	1.0159	1.0159	1.0000
2013		40,586.476	40,586.476	1.0000	1.0159	1.0159	1.0159	1.0159	1.0159

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/12 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/13 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1986	92,056,006	0.0170	0.8939	0.0152	80,473,763	0.0148	0.8939	0.0133
1986	20,057,617	0.0245	0.8939	0.0219	18,422,025	0.0225	0.8939	0.0201
1987	20,168,116	0.0204	0.8939	0.0182	16,596,591	0.0168	0.8939	0.0150
1988	26,356,090	0.0235	0.8939	0.0210	23,623,480	0.0210	0.8939	0.0188
1989	39,184,175	0.0301	0.8939	0.0269	35,540,094	0.0273	0.8939	0.0244
1990	39,177,815	0.0295	0.8939	0.0264	36,125,801	0.0272	0.8939	0.0243
1991	45,823,904	0.0395	0.8939	0.0353	40,498,634	0.0349	0.8939	0.0312
1992	46,103,821	0.0469	0.8939	0.0419	40,369,849	0.0411	0.8939	0.0367
1993	37,817,535	0.0450	0.8939	0.0402	34,433,057	0.0409	0.8939	0.0366
1994	38,649,666	0.0504	0.8939	0.0450	35,404,030	0.0460	0.8939	0.0411
1995	25,753,876	0.0398	0.9244	0.0368	23,830,501	0.0368	0.9244	0.0340
1996	21,661,591	0.0399	0.9854	0.0393	18,943,265	0.0349	0.9854	0.0344
1997	12,699,983	0.0229	1.0159	0.0232	12,056,884	0.0217	1.0159	0.0220
1998	9,852,532	0.0173	1.0159	0.0176	8,800,444	0.0155	1.0159	0.0157
1999	11,846,971	0.0185	1.0159	0.0188	10,249,183	0.0160	1.0159	0.0163
2000	17,584,875	0.0259	1.0159	0.0263	15,284,115	0.0224	1.0159	0.0228
2001	17,148,263	0.0255	1.0159	0.0259	15,701,366	0.0233	1.0159	0.0236
2002	32,517,641	0.0466	1.0159	0.0473	26,745,644	0.0382	1.0159	0.0389
2003	34,366,351	0.0512	1.0159	0.0520	29,461,857	0.0438	1.0159	0.0445
2004	49,799,761	0.0712	1.0159	0.0723	44,325,744	0.0631	1.0159	0.0641
2005	47,308,508	0.0670	1.0159	0.0680	37,532,354	0.0530	1.0159	0.0538
2006	61,195,535	0.0842	1.0159	0.0856	48,430,926	0.0662	1.0159	0.0673
2007	74,450,109	0.0973	1.0159	0.0989	55,617,798	0.0727	1.0159	0.0739
2008	81,227,208	0.1149	1.0159	0.1167	56,564,017	0.0793	1.0159	0.0806
2009	110,770,786	0.1781	1.0159	0.1809	70,052,390	0.1094	1.0159	0.1112
2010	172,685,211	0.2936	1.0159	0.2982	113,255,706	0.1735	1.0159	0.1762
2011	197,307,728	0.4730	1.0159	0.4805	161,976,371	0.2786	1.0159	0.2830
2012	74,945,990	0.6434	1.0159	0.6537	180,134,386	0.4639	1.0159	0.4713
2013					77,667,996	0.6568	1.0159	0.6672

† FROM PA 4/1/16 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 11 V. 12 VALUATION)  
 ■ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 11 V. 12 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/12	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/13	INDEMNITY AS OF 12/31/13 PAID LOSSES WEIGHTS	INDEMNITY AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/13 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/13 ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,428,034,217	5,428,819,335	0.0023	0.8957	0.8957	1.0000
1986	818,700,060	819,535,785	0.0030	0.8989	0.8989	1.0000
1987	990,243,782	989,626,741	0.0030	0.9003	0.9003	1.0000
1988	1,123,095,266	1,123,021,291	0.0024	0.9017	0.9017	1.0000
1989	1,301,372,671	1,302,498,252	0.0037	0.9034	0.9034	1.0000
1990	1,328,710,852	1,329,969,938	0.0032	0.9065	0.9065	1.0000
1991	1,160,591,348	1,159,463,434	0.0036	0.9106	0.9106	1.0000
1992	982,828,592	982,060,067	0.0051	0.9160	0.9160	1.0000
1993	841,012,631	841,997,581	0.0052	0.9248	0.9248	1.0000
1994	767,136,631	769,117,048	0.0068	0.9363	0.9362	0.9999
1995	647,100,747	647,715,988	0.0039	0.9616	0.9616	1.0000
1996	543,444,369	543,346,033	0.0048	1.0009	1.0009	1.0000
1997	555,350,112	556,100,776	0.0025	1.0159	1.0159	1.0000
1998	568,715,212	569,027,758	0.0024	1.0159	1.0159	1.0000
1999	639,591,942	639,401,482	0.0022	1.0159	1.0159	1.0000
2000	680,066,938	681,117,418	0.0049	1.0159	1.0159	1.0000
2001	671,876,921	675,300,456	0.0072	1.0159	1.0159	1.0000
2002	697,868,528	699,285,680	0.0103	1.0159	1.0159	1.0000
2003	671,083,608	672,559,618	0.0095	1.0159	1.0159	1.0000
2004	699,462,430	702,935,309	0.0127	1.0159	1.0159	1.0000
2005	706,384,806	708,118,183	0.0163	1.0159	1.0159	1.0000
2006	726,531,225	731,450,002	0.0242	1.0159	1.0159	1.0000
2007	764,873,232	764,845,111	0.0246	1.0159	1.0159	1.0000
2008	707,045,895	713,326,485	0.0434	1.0159	1.0159	1.0000
2009	622,125,397	640,223,240	0.0919	1.0159	1.0159	1.0000
2010	588,242,035	652,940,395	0.1901	1.0159	1.0159	1.0000
2011	417,127,716	581,366,135	0.3433	1.0159	1.0159	1.0000
2012	116,480,991	388,302,639	0.4291	1.0159	1.0159	1.0000
2013		118,254,472	0.3432		1.0159	

□ □ □ CONSISTENT WITH 12@1ST, 11@2ND, 10@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/12	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/13	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2013 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	5,428,034,217	5,428,819,335	785,118	12,367,361	92,056,006	80,473,763
1986	818,700,060	819,535,785				
			1986 INDEMNITY INCURRED LOSSES	1986 INDEMNITY INCURRED LOSSES		
			WEIGHT	WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
	+ (26) Prior to 1986					
PRIOR TO 1986	819,485,178	0.9990	0.8989	0.8980		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	PAID WEIGHT	(35) = (5)	(36) = (34) * (35)			
	(34) = (27) / (30)					
PRIOR TO 1986	0.0151	0.8939	0.0135			
	CASE RESERVES AS OF 12/31/12 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/13 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.1123	0.8939	0.1004	0.0982	0.8939	0.0878 -0.0126
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.8989	1.0000				



TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 13 V. 14 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/13	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/14	CALENDAR YEAR 2014 PAID LOSSES	CALENDAR YEAR 2014 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2014 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 13-14 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1986	5,347,494.493	5,357,899.951	10,405.458	0.0019	0.8939	0.0017	0.8957	0.8957	1.0000
1986	801,106.591	803,199.303	2,092.712	0.0026	0.8939	0.0023	0.8990	0.8990	1.0000
1987	972,808.107	974,773.462	1,965.355	0.0020	0.8939	0.0018	0.9004	0.9004	1.0000
1988	1,099,349.418	1,102,115.964	2,766.546	0.0025	0.8939	0.0022	0.9019	0.9019	1.0000
1989	1,266,958.158	1,271,225.117	4,266.959	0.0034	0.8939	0.0030	0.9037	0.9036	1.0000
1990	1,293,844.137	1,297,789.131	3,944.994	0.0030	0.8939	0.0027	0.9068	0.9068	1.0000
1991	1,118,962.000	1,122,726.967	3,764.967	0.0034	0.8939	0.0030	0.9112	0.9112	0.9999
1992	941,690.218	946,469.025	4,778.807	0.0050	0.8939	0.0045	0.9170	0.9168	0.9999
1993	807,564.524	811,646.123	4,081.599	0.0050	0.8939	0.0045	0.9261	0.9260	0.9998
1994	733,560.023	737,749.750	4,189.727	0.0057	0.8939	0.0051	0.9382	0.9380	0.9997
1995	623,828.582	626,601.898	2,773.316	0.0044	0.9244	0.0041	0.9630	0.9629	0.9998
1996	524,396.997	526,189.549	1,792.552	0.0034	0.9854	0.0034	1.0014	1.0014	0.9999
1997	543,835.800	545,944.897	2,109.097	0.0039	1.0159	0.0039	1.0159	1.0159	1.0000
1998	559,954.616	561,280.580	1,325.964	0.0024	1.0159	0.0024	1.0159	1.0159	1.0000
1999	629,219.292	630,391.527	1,172.235	0.0019	1.0159	0.0019	1.0159	1.0159	1.0000
2000	665,181.385	667,666.523	2,485.138	0.0037	1.0159	0.0038	1.0159	1.0159	1.0000
2001	659,889.278	663,113.966	3,244.688	0.0049	1.0159	0.0050	1.0159	1.0159	1.0000
2002	672,077.219	675,906.493	3,829.274	0.0057	1.0159	0.0058	1.0159	1.0159	1.0000
2003	642,432.045	647,770.107	5,338.062	0.0082	1.0159	0.0084	1.0159	1.0159	1.0000
2004	658,177.902	665,920.519	7,742.617	0.0116	1.0159	0.0118	1.0159	1.0159	1.0000
2005	670,384.668	678,792.661	8,407.993	0.0124	1.0159	0.0126	1.0159	1.0159	1.0000
2006	683,001.590	693,367.383	10,365.793	0.0149	1.0159	0.0152	1.0159	1.0159	1.0000
2007	709,199.833	722,218.108	13,018.275	0.0180	1.0159	0.0183	1.0159	1.0159	1.0000
2008	656,761.349	675,853.022	19,091.673	0.0282	1.0159	0.0287	1.0159	1.0159	1.0000
2009	570,672.099	597,186.639	26,514.540	0.0444	1.0159	0.0451	1.0159	1.0159	1.0000
2010	540,840.835	602,127.525	61,286.690	0.1018	1.0159	0.1034	1.0159	1.0159	1.0000
2011	421,179.712	541,315.093	120,135.381	0.2219	1.0159	0.2255	1.0159	1.0159	1.0000
2012	209,136.961	399,560.432	190,423.471	0.4766	1.0159	0.4842	1.0159	1.0159	1.0000
2013	40,526.190	220,487.854	179,961.664	0.8162	1.0159	0.8292	1.0159	1.0159	1.0000
2014		42,901.437	42,901.437	1.0000	1.0159	1.0159	1.0159	1.0159	1.0000

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES								
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/13 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/14 ADJUSTMENT FACTOR	INDEMNITY CASE RESERVES 13-14 LDF ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	
PRIOR TO 1986	81,027.936	0.0149	0.8939	0.0133	71,460.403	0.0132	0.8939	0.8939	0.0118
1986	18,323.067	0.0224	0.8939	0.0200	16,325.405	0.0199	0.8939	0.8939	0.0178
1987	16,831.209	0.0170	0.8939	0.0152	15,430.814	0.0156	0.8939	0.8939	0.0139
1988	23,679.180	0.0211	0.8939	0.0188	21,143.182	0.0188	0.8939	0.8939	0.0168
1989	35,581.180	0.0273	0.8939	0.0244	30,772.369	0.0236	0.8939	0.8939	0.0211
1990	36,281.850	0.0273	0.8939	0.0244	32,491.863	0.0244	0.8939	0.8939	0.0218
1991	40,605.777	0.0350	0.8939	0.0313	36,823.033	0.0318	0.8939	0.8939	0.0284
1992	40,801.548	0.0415	0.8939	0.0371	35,499.694	0.0362	0.8939	0.8939	0.0323
1993	34,465.800	0.0409	0.8939	0.0366	31,829.895	0.0377	0.8939	0.8939	0.0337
1994	35,595.401	0.0463	0.8939	0.0414	31,592.106	0.0411	0.8939	0.8939	0.0367
1995	23,896.400	0.0369	0.9244	0.0341	21,883.035	0.0337	0.9244	0.9244	0.0312
1996	18,953.747	0.0349	0.9854	0.0344	17,273.558	0.0318	0.9854	0.9854	0.0313
1997	12,068.009	0.0217	1.0159	0.0221	9,035.175	0.0163	1.0159	1.0159	0.0165
1998	8,806.127	0.0155	1.0159	0.0157	8,037.614	0.0141	1.0159	1.0159	0.0143
1999	10,325.702	0.0161	1.0159	0.0164	9,418.285	0.0147	1.0159	1.0159	0.0150
2000	15,104.792	0.0222	1.0159	0.0226	12,135.360	0.0179	1.0159	1.0159	0.0181
2001	15,715.286	0.0233	1.0159	0.0236	13,396.177	0.0198	1.0159	1.0159	0.0201
2002	26,783.514	0.0383	1.0159	0.0389	23,427.449	0.0335	1.0159	1.0159	0.0340
2003	29,491.830	0.0439	1.0159	0.0446	25,738.501	0.0382	1.0159	1.0159	0.0388
2004	44,726.681	0.0636	1.0159	0.0646	38,253.560	0.0543	1.0159	1.0159	0.0552
2005	37,562.113	0.0531	1.0159	0.0539	30,993.400	0.0437	1.0159	1.0159	0.0444
2006	48,495.566	0.0663	1.0159	0.0674	40,663.360	0.0554	1.0159	1.0159	0.0563
2007	55,649.587	0.0728	1.0159	0.0739	44,563.174	0.0581	1.0159	1.0159	0.0590
2008	56,630.751	0.0794	1.0159	0.0806	39,952.823	0.0558	1.0159	1.0159	0.0567
2009	70,128.517	0.1094	1.0159	0.1112	46,014.633	0.0715	1.0159	1.0159	0.0727
2010	114,122.096	0.1742	1.0159	0.1770	74,917.735	0.1107	1.0159	1.0159	0.1124
2011	162,864.485	0.2789	1.0159	0.2833	100,685.574	0.1568	1.0159	1.0159	0.1593
2012	181,408.063	0.4645	1.0159	0.4719	139,709.399	0.2591	1.0159	1.0159	0.2632
2013	77,789.806	0.6575	1.0159	0.6679	185,739.275	0.4572	1.0159	1.0159	0.4645
2014					78,400.354	0.6463	1.0159	1.0159	0.6566

† FROM PA 4/1/17 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 12 V. 13 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 12 V. 13 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/13	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/14	INDEMNITY AS OF 12/31/14 PAID LOSSES WEIGHTS	INDEMNITY AS OF 12/31/13 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/14 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/14 ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,428,522.429	5,429,360.354	0.0019	0.8957	0.8957	1.0000
1986	819,429.658	819,524.708	0.0026	0.8989	0.8989	1.0000
1987	989,639.316	990,204.276	0.0020	0.9003	0.9003	1.0000
1988	1,123,028.598	1,123,259.146	0.0025	0.9017	0.9017	1.0000
1989	1,302,539.338	1,301,997.486	0.0033	0.9034	0.9034	1.0000
1990	1,330,125.987	1,330,280.994	0.0030	0.9065	0.9065	1.0000
1991	1,159,567.777	1,159,550.000	0.0032	0.9106	0.9106	1.0000
1992	982,491.766	981,968.719	0.0049	0.9160	0.9160	1.0000
1993	842,030.324	843,476.018	0.0048	0.9248	0.9247	0.9999
1994	769,155.424	769,341.856	0.0054	0.9362	0.9362	1.0000
1995	647,724.982	648,484.933	0.0043	0.9616	0.9616	1.0000
1996	543,350.744	543,463.107	0.0033	1.0009	1.0009	1.0000
1997	555,903.809	554,980.072	0.0038	1.0159	1.0159	1.0000
1998	568,760.743	569,318.194	0.0023	1.0159	1.0159	1.0000
1999	639,544.994	639,809.812	0.0018	1.0159	1.0159	1.0000
2000	680,286.177	679,801.883	0.0037	1.0159	1.0159	1.0000
2001	675,584.564	676,510.143	0.0048	1.0159	1.0159	1.0000
2002	698,860.733	699,333.942	0.0055	1.0159	1.0159	1.0000
2003	671,923.875	673,508.608	0.0079	1.0159	1.0159	1.0000
2004	702,904.583	704,174.079	0.0110	1.0159	1.0159	1.0000
2005	707,946.781	709,786.061	0.0118	1.0159	1.0159	1.0000
2006	731,497.156	734,030.743	0.0141	1.0159	1.0159	1.0000
2007	764,849.420	766,781.282	0.0170	1.0159	1.0159	1.0000
2008	713,392.100	715,805.845	0.0267	1.0159	1.0159	1.0000
2009	640,800.616	643,201.472	0.0412	1.0159	1.0159	1.0000
2010	654,962.931	677,045.260	0.0905	1.0159	1.0159	1.0000
2011	584,044.197	642,000.667	0.1871	1.0159	1.0159	1.0000
2012	390,545.024	539,269.831	0.3531	1.0159	1.0159	1.0000
2013	118,315.996	406,227.129	0.4430	1.0159	1.0159	1.0000
2014		121,301.791	0.3537		1.0159	

□ □ □ CONSISTENT WITH 13@1ST, 12@2ND, 11@3RD, ETC ...

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/13 (24)	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/14 (25)	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2014 PAID LOSSES (27)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13 (28)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14 (29)
PRIOR TO 1986	5,428,522.429	5,429,360.354	837.925	10,405.458	81,027.936	71,460.403
1986	819,429.658	819,524.708				
		INCURRED LOSSES WEIGHT (30) = (24) 1986 / (30) + (26) Prior to 1986	1986 INDEMNITY INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1986 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
PRIOR TO 1986	820,267.583	0.9990	0.8989	0.8980		
	PAID WEIGHT (34) = (27) / (30)	AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1986	0.0127	0.8939	0.0113			
	CASE RESERVES AS OF 12/31/13 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/14 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.0988	0.8939	0.0883	0.0871	0.8939	0.0779
						-0.0104
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)				(45) = (44) / (32)
PRIOR TO 1986	0.8989	1.0000				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 14 V. 15 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/14	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/15	CALENDAR YEAR 2015 PAID LOSSES	CALENDAR YEAR 2015 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2015 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR <sup>†</sup>	INDEMNITY PAID LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 14-15 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1986	5,235,674.079	5,245,523.671	9,849,592	0.0019	0.8939	0.0017	0.8957	0.8957	1.0000
1986	791,254.518	793,753.634	2,499,116	0.0031	0.8939	0.0028	0.8990	0.8990	1.0000
1987	962,191.086	964,234.298	2,043,212	0.0021	0.8939	0.0019	0.9004	0.9004	1.0000
1988	1,085,197.499	1,087,462.007	2,264,508	0.0021	0.8939	0.0019	0.9019	0.9018	1.0000
1989	1,251,177.330	1,255,069.283	3,891,953	0.0031	0.8939	0.0028	0.9036	0.9036	1.0000
1990	1,275,415.317	1,279,552.571	4,137,254	0.0032	0.8939	0.0029	0.9068	0.9067	1.0000
1991	1,095,524.170	1,099,368.554	3,844,384	0.0035	0.8939	0.0031	0.9112	0.9111	0.9999
1992	920,474.294	924,155.489	3,681,195	0.0040	0.8939	0.0036	0.9168	0.9167	0.9999
1993	795,192.493	798,700.676	3,508,183	0.0044	0.8939	0.0039	0.9260	0.9258	0.9998
1994	717,720.724	721,137.720	3,416,996	0.0047	0.8939	0.0042	0.9380	0.9378	0.9998
1995	599,549.324	601,672.714	2,123,390	0.0035	0.9244	0.0033	0.9629	0.9627	0.9999
1996	498,214.737	499,626.206	1,411,469	0.0028	0.9854	0.0028	1.0014	1.0013	1.0000
1997	506,014.142	507,458.695	1,444,553	0.0028	1.0159	0.0029	1.0159	1.0159	1.0000
1998	509,174.479	510,511.657	1,337,178	0.0026	1.0159	0.0027	1.0159	1.0159	1.0000
1999	579,662.150	580,419.901	757,751	0.0013	1.0159	0.0013	1.0159	1.0159	1.0000
2000	618,704.827	620,641,738	1,936,911	0.0031	1.0159	0.0032	1.0159	1.0159	1.0000
2001	627,952.437	630,449,396	2,496,959	0.0040	1.0159	0.0040	1.0159	1.0159	1.0000
2002	647,975.062	651,500,270	3,525,208	0.0054	1.0159	0.0055	1.0159	1.0159	1.0000
2003	637,050.657	641,567,792	4,517,135	0.0070	1.0159	0.0072	1.0159	1.0159	1.0000
2004	664,463.026	670,728,507	6,265,481	0.0093	1.0159	0.0095	1.0159	1.0159	1.0000
2005	678,386.825	684,004,633	5,617,808	0.0082	1.0159	0.0083	1.0159	1.0159	1.0000
2006	692,511.847	701,593,986	9,082,139	0.0129	1.0159	0.0132	1.0159	1.0159	1.0000
2007	718,539.155	728,911,964	10,372,809	0.0142	1.0159	0.0145	1.0159	1.0159	1.0000
2008	673,843.257	682,665,474	8,822,223	0.0129	1.0159	0.0131	1.0159	1.0159	1.0000
2009	593,301.855	614,396,491	21,094,636	0.0343	1.0159	0.0349	1.0159	1.0159	1.0000
2010	596,460.832	625,891,670	29,430,838	0.0470	1.0159	0.0478	1.0159	1.0159	1.0000
2011	535,868.055	590,019,911	54,151,856	0.0918	1.0159	0.0932	1.0159	1.0159	1.0000
2012	396,468.228	499,801,834	103,333,606	0.2067	1.0159	0.2100	1.0159	1.0159	1.0000
2013	221,540.085	425,209,146	203,669,061	0.4790	1.0159	0.4866	1.0159	1.0159	1.0000
2014	43,095.002	226,088,106	182,993,104	0.8094	1.0159	0.8223	1.0159	1.0159	1.0000
2015		41,785.138	41,785.138	1.0000	1.0159	1.0159	1.0159	1.0159	

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/14 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/15 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1986	72,482,998	0.0137	0.8939	0.0122	64,031,225	0.0121	0.8939	0.0108
1986	16,532,677	0.0205	0.8939	0.0183	14,839,966	0.0184	0.8939	0.0164
1987	15,428,738	0.0158	0.8939	0.0141	13,918,770	0.0142	0.8939	0.0127
1988	21,500,501	0.0194	0.8939	0.0174	18,804,074	0.0170	0.8939	0.0152
1989	31,310,327	0.0244	0.8939	0.0218	29,896,061	0.0233	0.8939	0.0208
1990	33,542,989	0.0256	0.8939	0.0229	29,643,760	0.0226	0.8939	0.0202
1991	37,901,357	0.0334	0.8939	0.0299	34,705,263	0.0306	0.8939	0.0274
1992	36,402,757	0.0380	0.8939	0.0340	31,624,633	0.0331	0.8939	0.0296
1993	32,803,653	0.0396	0.8939	0.0354	29,579,895	0.0357	0.8939	0.0319
1994	32,741,241	0.0436	0.8939	0.0390	29,981,174	0.0399	0.8939	0.0357
1995	22,137,557	0.0356	0.9244	0.0329	20,302,624	0.0326	0.9244	0.0302
1996	17,642,652	0.0342	0.9854	0.0337	14,674,198	0.0285	0.9854	0.0281
1997	9,074,164	0.0176	1.0159	0.0179	7,417,187	0.0144	1.0159	0.0146
1998	8,144,276	0.0157	1.0159	0.0160	6,599,922	0.0128	1.0159	0.0130
1999	9,094,624	0.0154	1.0159	0.0157	8,021,804	0.0136	1.0159	0.0138
2000	12,325,894	0.0195	1.0159	0.0198	10,290,984	0.0163	1.0159	0.0166
2001	13,586,505	0.0212	1.0159	0.0215	10,852,922	0.0169	1.0159	0.0172
2002	23,931,252	0.0356	1.0159	0.0362	19,456,413	0.0290	1.0159	0.0295
2003	26,222,397	0.0395	1.0159	0.0402	21,556,641	0.0325	1.0159	0.0330
2004	38,676,924	0.0550	1.0159	0.0559	32,099,241	0.0457	1.0159	0.0464
2005	31,348,795	0.0442	1.0159	0.0449	26,677,385	0.0375	1.0159	0.0381
2006	41,087,116	0.0560	1.0159	0.0569	31,162,081	0.0425	1.0159	0.0432
2007	44,069,468	0.0578	1.0159	0.0587	33,930,566	0.0445	1.0159	0.0452
2008	40,241,868	0.0564	1.0159	0.0573	33,429,688	0.0467	1.0159	0.0474
2009	46,053,624	0.0720	1.0159	0.0732	32,120,123	0.0497	1.0159	0.0505
2010	74,166,940	0.1106	1.0159	0.1124	48,771,168	0.0723	1.0159	0.0734
2011	100,209,084	0.1575	1.0159	0.1600	61,329,027	0.0942	1.0159	0.0957
2012	137,877,082	0.2580	1.0159	0.2621	92,575,685	0.1563	1.0159	0.1588
2013	185,817,459	0.4562	1.0159	0.4634	142,502,563	0.2510	1.0159	0.2550
2014	78,594,314	0.6459	1.0159	0.6561	181,388,545	0.4452	1.0159	0.4522
2015					75,485,843	0.6437	1.0159	0.6539

† FROM PA 4/1/18 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 13 V. 14 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 13 V. 14 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/14	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/15	INDEMNITY INCURRED LOSSES AS OF 12/31/15 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES 14-15 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,308,157.077	5,309,554.896	0.0019	0.8957	0.8957	1.0000
1986	807,787.195	808,593.600	0.0031	0.8989	0.8989	1.0000
1987	977,619.824	978,153.068	0.0021	0.9003	0.9003	1.0000
1988	1,106,698.000	1,106,286.081	0.0020	0.9017	0.9017	1.0000
1989	1,282,487.657	1,284,965.344	0.0030	0.9034	0.9034	1.0000
1990	1,308,958.306	1,309,196.331	0.0032	0.9065	0.9064	1.0000
1991	1,133,425.527	1,134,073.837	0.0034	0.9106	0.9106	1.0000
1992	956,877.051	955,780.122	0.0039	0.9160	0.9160	1.0000
1993	827,996.146	828,280.571	0.0042	0.9247	0.9247	1.0000
1994	750,461.965	751,118.894	0.0045	0.9361	0.9360	1.0000
1995	621,686.881	621,975.338	0.0034	0.9615	0.9615	1.0000
1996	515,857.389	514,300.404	0.0027	1.0008	1.0009	1.0000
1997	515,088.306	514,875.882	0.0028	1.0159	1.0159	1.0000
1998	517,318.755	517,111.579	0.0026	1.0159	1.0159	1.0000
1999	588,756.774	588,441.705	0.0013	1.0159	1.0159	1.0000
2000	631,030.721	630,932.722	0.0031	1.0159	1.0159	1.0000
2001	641,538.942	641,302.318	0.0039	1.0159	1.0159	1.0000
2002	671,906.314	670,956.683	0.0053	1.0159	1.0159	1.0000
2003	663,273.054	663,124.433	0.0068	1.0159	1.0159	1.0000
2004	703,139.950	702,827.748	0.0089	1.0159	1.0159	1.0000
2005	709,735.620	710,682.018	0.0079	1.0159	1.0159	1.0000
2006	733,598.963	732,756.067	0.0124	1.0159	1.0159	1.0000
2007	762,608.623	762,842.530	0.0136	1.0159	1.0159	1.0000
2008	714,085.139	716,095.162	0.0123	1.0159	1.0159	1.0000
2009	639,355.479	646,516.614	0.0326	1.0159	1.0159	1.0000
2010	670,627.772	674,662.838	0.0436	1.0159	1.0159	1.0000
2011	636,077.139	651,348.938	0.0831	1.0159	1.0159	1.0000
2012	534,345.310	592,377.519	0.1744	1.0159	1.0159	1.0000
2013	407,357.544	567,711.709	0.3588	1.0159	1.0159	1.0000
2014	121,689.316	407,476.651	0.4491	1.0159	1.0159	1.0000
2015		117,270.981	0.3563		1.0159	

□ □ □ CONSISTENT WITH 14@1ST, 13@2ND, 12@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/14	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/15	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2015 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	5,308,157.077	5,309,554.896	1,397.819	9,849.592	72,482.998	64,031.225
1986	807,787.195	808,593.600				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			WEIGHT	WEIGHTED		
			ADJUSTMENT	ADJUSTMENT		
			FACTOR	FACTOR		
	(30) = (24) 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
	+ (26) Prior to 1986					
PRIOR TO 1986	809,185.014	0.9983	0.8989	0.8973		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		LEVEL	FACTOR			
		(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0122	0.8939	0.0109			
	CASE RESERVES AS OF 12/31/14	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/15	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	WEIGHT	LEVEL	FACTOR	WEIGHT	LEVEL	FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41)
	(43) = (42) - (39)					
PRIOR TO 1986	0.0896	0.8939	0.0801	0.0791	0.8939	0.0707
						-0.0093
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
		FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.8989	1.0000				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 15 V. 16 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/15	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/16	CALENDAR YEAR 2016 PAID LOSSES	CALENDAR YEAR 2016 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2016 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES 15-16 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1986	5,234,708.302	5,242,512.781	7,804.479	0.0015	0.8939	0.0013	0.8957	0.8957	1.0000
1986	787,458.231	789,348.858	1,890.627	0.0024	0.8939	0.0021	0.8990	0.8989	1.0000
1987	956,047.606	957,582.732	1,535.126	0.0016	0.8939	0.0014	0.9004	0.9004	1.0000
1988	1,076,251.364	1,078,368.360	2,116.996	0.0020	0.8939	0.0018	0.9018	0.9018	1.0000
1989	1,240,570.972	1,244,282.405	3,711.433	0.0030	0.8939	0.0027	0.9036	0.9036	1.0000
1990	1,264,301.802	1,267,987.357	3,685.555	0.0029	0.8939	0.0026	0.9067	0.9067	1.0000
1991	1,077,924.973	1,081,857.316	3,932.343	0.0036	0.8939	0.0032	0.9111	0.9110	0.9999
1992	897,720.048	901,438.581	3,718.533	0.0041	0.8939	0.0037	0.9167	0.9167	0.9999
1993	774,573.530	777,863.352	3,289.822	0.0042	0.8939	0.0038	0.9258	0.9257	0.9999
1994	695,237.775	698,625.672	3,387.897	0.0048	0.8939	0.0043	0.9378	0.9376	0.9998
1995	576,169.580	578,520.293	2,350.713	0.0041	0.9244	0.0038	0.9627	0.9626	0.9998
1996	474,101.599	475,433.915	1,332.316	0.0028	0.9854	0.0028	1.0013	1.0013	1.0000
1997	483,318.146	484,217.616	899.470	0.0019	1.0159	0.0019	1.0159	1.0159	1.0000
1998	482,712.773	483,668.208	955.435	0.0020	1.0159	0.0020	1.0159	1.0159	1.0000
1999	547,227.987	548,170.808	942.821	0.0017	1.0159	0.0017	1.0159	1.0159	1.0000
2000	580,940.771	582,187.685	1,246.914	0.0021	1.0159	0.0022	1.0159	1.0159	1.0000
2001	583,166.232	584,322.984	1,156.752	0.0020	1.0159	0.0020	1.0159	1.0159	1.0000
2002	600,047.342	602,757.553	2,710.211	0.0045	1.0159	0.0046	1.0159	1.0159	1.0000
2003	581,930.148	584,538.554	2,608.406	0.0045	1.0159	0.0045	1.0159	1.0159	1.0000
2004	621,023.099	625,253.755	4,230.656	0.0068	1.0159	0.0069	1.0159	1.0159	1.0000
2005	639,024.711	644,182.722	5,158.011	0.0080	1.0159	0.0081	1.0159	1.0159	1.0000
2006	659,742.866	665,549.573	5,806.707	0.0087	1.0159	0.0089	1.0159	1.0159	1.0000
2007	695,961.031	703,186.199	7,225.168	0.0103	1.0159	0.0104	1.0159	1.0159	1.0000
2008	642,346.262	649,491.887	7,145.625	0.0110	1.0159	0.0112	1.0159	1.0159	1.0000
2009	580,155.804	592,912.564	12,756.760	0.0215	1.0159	0.0219	1.0159	1.0159	1.0000
2010	588,700.310	604,872.862	16,172.552	0.0267	1.0159	0.0272	1.0159	1.0159	1.0000
2011	548,332.094	569,162.862	20,830.768	0.0366	1.0159	0.0372	1.0159	1.0159	1.0000
2012	441,101.700	484,288.050	43,186.350	0.0892	1.0159	0.0906	1.0159	1.0159	1.0000
2013	366,727.262	461,424.980	94,697.718	0.2052	1.0159	0.2052	1.0159	1.0159	1.0000
2014	196,578.853	367,854.060	171,275.207	0.4656	1.0159	0.4730	1.0159	1.0159	1.0000
2015	35,536.327	200,610.421	165,074.094	0.8229	1.0159	0.8359	1.0159	1.0159	1.0000
2016		33,146.038	33,146.038	1.0000	1.0159	1.0159	1.0159	1.0159	1.0000

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/15 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/16 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1986	63,194.427	0.0119	0.8939	0.0107	55,738.703	0.0105	0.8939	0.0094
1986	14,839.966	0.0185	0.8939	0.0165	13,251.069	0.0165	0.8939	0.0148
1987	13,672.611	0.0141	0.8939	0.0126	11,369.421	0.0117	0.8939	0.0105
1988	18,309.121	0.0167	0.8939	0.0150	16,677.148	0.0152	0.8939	0.0136
1989	29,816.610	0.0235	0.8939	0.0210	26,727.715	0.0210	0.8939	0.0188
1990	29,643.760	0.0229	0.8939	0.0205	26,791.512	0.0207	0.8939	0.0185
1991	34,562.565	0.0311	0.8939	0.0278	31,555.708	0.0283	0.8939	0.0253
1992	31,397.079	0.0338	0.8939	0.0302	28,739.236	0.0309	0.8939	0.0276
1993	29,254.861	0.0364	0.8939	0.0325	26,094.677	0.0325	0.8939	0.0290
1994	29,050.158	0.0401	0.8939	0.0359	26,980.344	0.0372	0.8939	0.0332
1995	20,225.696	0.0339	0.9244	0.0313	16,891.416	0.0284	0.9244	0.0262
1996	14,598.341	0.0299	0.9854	0.0294	13,206.374	0.0270	0.9854	0.0266
1997	7,146.988	0.0146	1.0159	0.0148	7,296.845	0.0148	1.0159	0.0151
1998	6,337.790	0.0130	1.0159	0.0132	5,538.998	0.0113	1.0159	0.0115
1999	7,805.300	0.0141	1.0159	0.0143	7,137.807	0.0129	1.0159	0.0131
2000	9,973.038	0.0169	1.0159	0.0171	8,650.877	0.0146	1.0159	0.0149
2001	10,518.779	0.0177	1.0159	0.0180	10,152.174	0.0171	1.0159	0.0173
2002	19,046.536	0.0308	1.0159	0.0313	17,305.100	0.0279	1.0159	0.0284
2003	21,437.664	0.0355	1.0159	0.0361	19,238.693	0.0319	1.0159	0.0324
2004	29,835.544	0.0458	1.0159	0.0466	26,513.948	0.0407	1.0159	0.0413
2005	26,335.511	0.0396	1.0159	0.0402	22,120.731	0.0332	1.0159	0.0337
2006	30,764.496	0.0446	1.0159	0.0453	26,654.271	0.0385	1.0159	0.0391
2007	33,741.974	0.0462	1.0159	0.0470	27,474.306	0.0376	1.0159	0.0382
2008	33,036.295	0.0489	1.0159	0.0497	25,811.362	0.0382	1.0159	0.0388
2009	31,587.127	0.0516	1.0159	0.0525	22,379.989	0.0364	1.0159	0.0370
2010	47,510.534	0.0747	1.0159	0.0759	31,468.328	0.0495	1.0159	0.0502
2011	58,335.103	0.0962	1.0159	0.0977	39,909.004	0.0655	1.0159	0.0666
2012	82,708.498	0.1579	1.0159	0.1604	56,205.694	0.1040	1.0159	0.1056
2013	128,574.692	0.2596	1.0159	0.2637	80,824.800	0.1491	1.0159	0.1514
2014	167,051.373	0.4594	1.0159	0.4667	115,873.163	0.2395	1.0159	0.2434
2015	70,292.315	0.6642	1.0159	0.6748	142,991.517	0.4162	1.0159	0.4228
2016					65,104.287	0.6626	1.0159	0.6732

† FROM PA 4/1/18 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 14 V. 15 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 14 V. 15 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/15	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/16	INDEMNITY AS OF 12/31/16 PAID LOSSES WEIGHTS	INDEMNITY AS OF 12/31/15 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/16 ADJUSTMENT FACTOR	INDEMNITY AS OF 12/31/16 ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	5,297,902.729	5,298,251.484	0.0015	0.8957	0.8957	1.0000
1986	802,298.197	802,599.927	0.0024	0.8989	0.8989	1.0000
1987	989,720.217	988,952.153	0.0016	0.9003	0.9003	1.0000
1988	1,094,560.485	1,095,045.508	0.0019	0.9017	0.9017	1.0000
1989	1,270,387.582	1,271,010.120	0.0029	0.9034	0.9034	1.0000
1990	1,293,945.562	1,294,778.869	0.0028	0.9064	0.9064	1.0000
1991	1,112,487.538	1,113,413.024	0.0035	0.9106	0.9106	1.0000
1992	929,117.127	930,177.817	0.0040	0.9160	0.9159	1.0000
1993	803,828.391	803,958.029	0.0041	0.9246	0.9246	1.0000
1994	724,287.933	725,606.016	0.0047	0.9360	0.9359	0.9999
1995	596,395.276	595,411.709	0.0039	0.9614	0.9615	1.0001
1996	488,699.940	488,640.289	0.0027	1.0008	1.0008	1.0000
1997	490,465.134	491,514.461	0.0018	1.0159	1.0159	1.0000
1998	489,050.563	489,207.206	0.0020	1.0159	1.0159	1.0000
1999	555,033.287	555,308.615	0.0017	1.0159	1.0159	1.0000
2000	590,913.809	590,838.562	0.0021	1.0159	1.0159	1.0000
2001	593,685.011	594,475.158	0.0019	1.0159	1.0159	1.0000
2002	619,093.878	620,062.653	0.0044	1.0159	1.0159	1.0000
2003	603,367.812	603,777.247	0.0043	1.0159	1.0159	1.0000
2004	650,858.643	651,767.703	0.0065	1.0159	1.0159	1.0000
2005	665,360.222	666,303.453	0.0077	1.0159	1.0159	1.0000
2006	690,507.362	692,203.844	0.0084	1.0159	1.0159	1.0000
2007	729,703.005	730,660.505	0.0099	1.0159	1.0159	1.0000
2008	675,382.557	675,303.249	0.0106	1.0159	1.0159	1.0000
2009	611,742.931	615,292.553	0.0207	1.0159	1.0159	1.0000
2010	636,210.844	636,341.190	0.0254	1.0159	1.0159	1.0000
2011	606,667.197	609,071.866	0.0342	1.0159	1.0159	1.0000
2012	523,810.198	540,493.744	0.0799	1.0159	1.0159	1.0000
2013	495,301.954	542,249.780	0.1746	1.0159	1.0159	1.0000
2014	363,630.226	483,727.223	0.3541	1.0159	1.0159	1.0000
2015	105,828.642	343,601.938	0.4804	1.0159	1.0159	1.0000
2016		98,250.325	0.3374		1.0159	

□ □ □ CONSISTENT WITH 15@1ST, 14@2ND, 13@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/15	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/16	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2016 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	5,297,902.729	5,298,251.484	348,755	7,804,479	63,194,427	55,738,703
1986	802,298.197	802,599.927				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			WEIGHT	WEIGHTED		
			ADJUSTMENT	ADJUSTMENT		
			FACTOR	FACTOR		
	(30) = (24) 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
	+ (26) Prior to 1986					
PRIOR TO 1986	802,646.952	0.9996	0.8989	0.8985		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		LEVEL	FACTOR			
		(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0097	0.8939	0.0087			
	CASE RESERVES AS OF 12/31/15	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/16	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	WEIGHT	LEVEL	FACTOR	WEIGHT	LEVEL	FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.0787	0.8939	0.0704	0.0694	0.8939	0.0621 -0.0083
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
		FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.8989	1.0000				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 16 V. 17 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/16	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/17	CALENDAR YEAR 2017 PAID LOSSES	CALENDAR YEAR 2017 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2017 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR <sup>a</sup>	INDEMNITY PAID LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	16-17 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1987	5,832,466.749	5,842,659.698	10,192.949	0.0017	0.8939	0.0016	0.8961	0.8961	1.0000
1987	952,800.113	954,200.265	1,400.152	0.0015	0.8939	0.0013	0.9004	0.9003	1.0000
1988	1,070,773.667	1,072,484.494	1,710.827	0.0016	0.8939	0.0014	0.9018	0.9018	1.0000
1989	1,238,214.871	1,241,484.725	3,269.854	0.0026	0.8939	0.0024	0.9036	0.9035	1.0000
1990	1,258,552.954	1,261,601.216	3,048.262	0.0024	0.8939	0.0022	0.9067	0.9067	1.0000
1991	1,073,978.839	1,077,286.478	3,307.639	0.0031	0.8939	0.0027	0.9110	0.9110	0.9999
1992	892,880.437	895,783.844	2,903.407	0.0032	0.8939	0.0029	0.9167	0.9166	0.9999
1993	770,436.735	773,624.109	3,187.374	0.0041	0.8939	0.0037	0.9257	0.9255	0.9999
1994	706,131.073	709,029.608	2,898.535	0.0041	0.8939	0.0037	0.9376	0.9374	0.9998
1995	586,461.098	588,206.141	1,745.043	0.0030	0.9244	0.0027	0.9626	0.9625	0.9999
1996	483,928.781	485,321.616	1,392.835	0.0029	0.9854	0.0028	1.0013	1.0012	1.0000
1997	488,818.235	489,814.521	996.286	0.0020	1.0159	0.0021	1.0159	1.0159	1.0000
1998	486,132.265	486,897.790	765.525	0.0016	1.0159	0.0016	1.0159	1.0159	1.0000
1999	547,606.530	548,487.674	881.144	0.0016	1.0159	0.0016	1.0159	1.0159	1.0000
2000	579,148.481	580,405.784	1,257.303	0.0022	1.0159	0.0022	1.0159	1.0159	1.0000
2001	607,619.124	609,356.737	1,737.613	0.0029	1.0159	0.0029	1.0159	1.0159	1.0000
2002	645,050.866	647,206.512	2,155.646	0.0033	1.0159	0.0034	1.0159	1.0159	1.0000
2003	627,801.432	630,432.303	2,630.871	0.0042	1.0159	0.0042	1.0159	1.0159	1.0000
2004	655,836.107	659,821.315	3,985.208	0.0060	1.0159	0.0061	1.0159	1.0159	1.0000
2005	666,473.017	669,832.453	3,359.436	0.0050	1.0159	0.0051	1.0159	1.0159	1.0000
2006	681,611.629	686,519.970	4,908.341	0.0071	1.0159	0.0073	1.0159	1.0159	1.0000
2007	716,229.997	721,692.906	5,462.909	0.0076	1.0159	0.0077	1.0159	1.0159	1.0000
2008	668,950.668	673,514.594	4,563.926	0.0068	1.0159	0.0069	1.0159	1.0159	1.0000
2009	604,675.824	612,641.369	7,965.545	0.0130	1.0159	0.0132	1.0159	1.0159	1.0000
2010	616,004.690	626,287.006	10,282.316	0.0164	1.0159	0.0167	1.0159	1.0159	1.0000
2011	581,184.979	594,341.978	13,156.999	0.0221	1.0159	0.0225	1.0159	1.0159	1.0000
2012	506,707.650	524,898.706	18,191.056	0.0347	1.0159	0.0352	1.0159	1.0159	1.0000
2013	484,774.815	524,277.341	39,502.526	0.0753	1.0159	0.0765	1.0159	1.0159	1.0000
2014	385,164.095	474,173.788	89,009.693	0.1877	1.0159	0.1907	1.0159	1.0159	1.0000
2015	216,518.538	386,817.067	170,298.529	0.4403	1.0159	0.4473	1.0159	1.0159	1.0000
2016	36,709.005	206,769.403	170,060.398	0.8225	1.0159	0.8355	1.0159	1.0159	1.0000
2017		38,308.382	38,308.382	1.0000	1.0159	1.0159	1.0159	1.0159	

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16 WEIGHTS	AVERAGE RESERVE LEVEL <sup>a</sup>	INDEMNITY CASE RESERVES AS OF 12/31/16 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/17 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1987	67,514,910	0.0114	0.8939	0.0102	58,459,084	0.0099	0.8939	0.0089
1987	11,626,558	0.0121	0.8939	0.0108	10,610,270	0.0110	0.8939	0.0098
1988	17,117,127	0.0157	0.8939	0.0141	14,906,916	0.0137	0.8939	0.0123
1989	26,589,540	0.0210	0.8939	0.0188	23,725,173	0.0188	0.8939	0.0168
1990	26,499,302	0.0206	0.8939	0.0184	23,824,646	0.0185	0.8939	0.0166
1991	31,680,928	0.0287	0.8939	0.0256	27,614,156	0.0252	0.8939	0.0225
1992	27,921,045	0.0303	0.8939	0.0271	24,986,129	0.0271	0.8939	0.0243
1993	25,912,621	0.0325	0.8939	0.0291	22,651,446	0.0284	0.8939	0.0254
1994	27,504,557	0.0375	0.8939	0.0335	24,457,820	0.0333	0.8939	0.0298
1995	16,844,019	0.0279	0.9244	0.0258	15,659,285	0.0259	0.9244	0.0240
1996	13,126,314	0.0264	0.9854	0.0260	11,618,455	0.0234	0.9854	0.0230
1997	7,577,097	0.0153	1.0159	0.0155	6,781,748	0.0137	1.0159	0.0139
1998	5,240,708	0.0107	1.0159	0.0108	4,450,452	0.0091	1.0159	0.0092
1999	6,948,631	0.0125	1.0159	0.0127	6,408,128	0.0115	1.0159	0.0117
2000	8,729,511	0.0148	1.0159	0.0151	8,185,471	0.0139	1.0159	0.0141
2001	10,423,003	0.0169	1.0159	0.0171	8,768,234	0.0142	1.0159	0.0144
2002	17,522,388	0.0264	1.0159	0.0269	16,280,048	0.0245	1.0159	0.0249
2003	19,295,507	0.0298	1.0159	0.0303	17,721,951	0.0273	1.0159	0.0278
2004	28,522,872	0.0417	1.0159	0.0423	25,163,447	0.0367	1.0159	0.0373
2005	21,749,159	0.0316	1.0159	0.0321	19,154,243	0.0278	1.0159	0.0282
2006	26,513,872	0.0374	1.0159	0.0380	22,393,345	0.0316	1.0159	0.0321
2007	27,584,300	0.0371	1.0159	0.0377	24,562,073	0.0329	1.0159	0.0334
2008	25,431,080	0.0366	1.0159	0.0372	21,892,972	0.0315	1.0159	0.0320
2009	21,873,406	0.0349	1.0159	0.0355	16,593,361	0.0264	1.0159	0.0268
2010	20,455,517	0.0456	1.0159	0.0464	23,580,788	0.0363	1.0159	0.0369
2011	39,584,802	0.0638	1.0159	0.0648	31,256,403	0.0500	1.0159	0.0508
2012	59,319,974	0.1048	1.0159	0.1065	43,975,575	0.0773	1.0159	0.0785
2013	81,342,619	0.1437	1.0159	0.1460	47,776,668	0.0835	1.0159	0.0848
2014	119,301,346	0.2365	1.0159	0.2403	73,898,511	0.1348	1.0159	0.1370
2015	150,101,316	0.4094	1.0159	0.4159	103,409,570	0.2109	1.0159	0.2143
2016	69,905,949	0.6557	1.0159	0.6661	152,134,038	0.4239	1.0159	0.4306
2017					74,636,668	0.6608	1.0159	0.6713

<sup>a</sup> COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 15 V. 16 VALUATION)  
<sup>a</sup> COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 15 V. 16 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/16	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/17	INDEMNITY INCURRED LOSSES AS OF 12/31/17 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES 16-17 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-(11)))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1987	5,899,981.659	5,901,118.782	0.0017	0.8961	0.8961	1.0000
1987	964,426.671	964,810.535	0.0015	0.9003	0.9003	1.0000
1988	1,087,890.794	1,087,391.410	0.0016	0.9017	0.9017	1.0000
1989	1,264,804.411	1,265,209.898	0.0026	0.9034	0.9034	1.0000
1990	1,285,052.256	1,285,425.862	0.0024	0.9064	0.9064	1.0000
1991	1,105,659.767	1,105,100.634	0.0030	0.9105	0.9105	1.0000
1992	920,801.482	920,769.973	0.0032	0.9160	0.9160	1.0000
1993	796,349.356	796,275.555	0.0040	0.9246	0.9246	1.0000
1994	733,635.630	733,487.428	0.0040	0.9359	0.9359	1.0000
1995	603,305.117	603,865.426	0.0029	0.9615	0.9615	1.0000
1996	497,055.095	496,940.071	0.0028	1.0009	1.0009	1.0000
1997	496,395.332	496,596.269	0.0020	1.0159	1.0159	1.0000
1998	491,372.973	491,348.242	0.0016	1.0159	1.0159	1.0000
1999	554,555.161	554,895.802	0.0016	1.0159	1.0159	1.0000
2000	587,877.992	588,591.255	0.0021	1.0159	1.0159	1.0000
2001	618,042.127	618,124.971	0.0028	1.0159	1.0159	1.0000
2002	662,573.254	663,486.560	0.0032	1.0159	1.0159	1.0000
2003	647,096.939	648,154.254	0.0041	1.0159	1.0159	1.0000
2004	684,358.979	684,984.762	0.0058	1.0159	1.0159	1.0000
2005	688,222,176	688,986,696	0.0049	1.0159	1.0159	1.0000
2006	708,125,501	708,913,315	0.0069	1.0159	1.0159	1.0000
2007	743,814,297	746,254,979	0.0073	1.0159	1.0159	1.0000
2008	694,381,748	695,407,566	0.0066	1.0159	1.0159	1.0000
2009	626,549,230	629,224,730	0.0127	1.0159	1.0159	1.0000
2010	645,460,207	649,867,794	0.0158	1.0159	1.0159	1.0000
2011	620,769,781	625,598,381	0.0210	1.0159	1.0159	1.0000
2012	566,027,624	568,874,281	0.0320	1.0159	1.0159	1.0000
2013	566,117,434	572,054,009	0.0691	1.0159	1.0159	1.0000
2014	504,465,441	548,072,299	0.1624	1.0159	1.0159	1.0000
2015	366,619,854	490,226,637	0.3474	1.0159	1.0159	1.0000
2016	106,614,954	358,903,441	0.4738	1.0159	1.0159	1.0000
2017		112,945,050	0.3392	1.0159	1.0159	

□ □ □ CONSISTENT WITH 16@1ST, 15@2ND, 14@3RD, ETC. . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/16 (24)	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/17 (25)	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2017 PAID LOSSES (27)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16 (28)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17 (29)
PRIOR TO 1987	5,899,981.659	5,901,118.782	1,137,123	10,192,949	67,514,910	58,459,084
1987	964,426.671	964,810.535				
		INCURRED LOSSES WEIGHT (30) = (24) 1986 + (26) Prior to 1986	1987 INDEMNITY INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1987 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
PRIOR TO 1987	965,563.794	0.9988	0.9003	0.8992		
	PAID WEIGHT (34) = (27) / (30)	AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1987	0.0106	0.8939	0.0094			
	CASE RESERVES AS OF 12/31/16 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/17 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1987	0.0699	0.8939	0.0625	0.0605	0.8939	0.0541 -0.0084
	PRIOR TO 1987 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)		(45) = (44) / (32)			
PRIOR TO 1987	0.9003	1.0000				



TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 17 V. 18 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/17	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/18	CALENDAR YEAR 2018 PAID LOSSES	CALENDAR YEAR 2018 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2018 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR <sup>□</sup>	INDEMNITY PAID LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	17-18 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1988	6,960,325.744	6,970,136.815	9,811.071	0.0014	0.8913	0.0013	0.8967	0.8967	1.0000
1988	1,088,193.680	1,089,807.070	1,613.390	0.0015	0.8913	0.0013	0.9018	0.9018	1.0000
1989	1,260,161.832	1,262,954.255	2,792.423	0.0022	0.8913	0.0020	0.9035	0.9035	1.0000
1990	1,282,975.702	1,286,412.760	3,437.058	0.0027	0.8913	0.0024	0.9067	0.9066	1.0000
1991	1,100,691.821	1,103,774.567	3,082.746	0.0028	0.8913	0.0025	0.9110	0.9109	0.9999
1992	923,040.954	926,473.546	3,432.592	0.0037	0.8913	0.0033	0.9166	0.9165	0.9999
1993	797,005.463	799,764.340	2,758.877	0.0034	0.8913	0.0031	0.9255	0.9254	0.9999
1994	725,259.731	728,273.157	3,013.426	0.0041	0.8913	0.0037	0.9374	0.9372	0.9998
1995	604,492.157	606,132.952	1,640.795	0.0027	0.9216	0.0025	0.9625	0.9623	0.9999
1996	501,418.711	502,534.448	1,115.737	0.0022	0.9825	0.0022	1.0012	1.0012	1.0000
1997	507,040.503	507,843.083	802.580	0.0016	1.0129	0.0016	1.0159	1.0159	1.0000
1998	509,353.915	510,218.049	864.134	0.0017	1.0129	0.0017	1.0159	1.0159	1.0000
1999	579,771.693	580,665.321	893.628	0.0015	1.0129	0.0016	1.0159	1.0159	1.0000
2000	614,774.082	615,710.665	936.583	0.0015	1.0129	0.0015	1.0159	1.0159	1.0000
2001	623,929.801	625,142.739	1,212.938	0.0019	1.0129	0.0020	1.0159	1.0159	1.0000
2002	648,347.997	650,751.446	2,403.449	0.0037	1.0129	0.0037	1.0159	1.0159	1.0000
2003	627,018.566	629,476.083	2,457.517	0.0039	1.0129	0.0040	1.0159	1.0159	1.0000
2004	647,665.302	651,135.896	3,470.594	0.0053	1.0129	0.0054	1.0159	1.0159	1.0000
2005	653,231.094	657,096.706	3,865.612	0.0059	1.0129	0.0060	1.0159	1.0159	1.0000
2006	672,660.275	677,959.486	5,299.211	0.0078	1.0129	0.0079	1.0159	1.0159	1.0000
2007	702,643.144	707,516.035	4,872.891	0.0069	1.0129	0.0070	1.0159	1.0159	1.0000
2008	659,500.105	664,818.914	5,318.809	0.0080	1.0129	0.0081	1.0159	1.0159	1.0000
2009	600,267.227	604,302.435	4,035.208	0.0067	1.0129	0.0068	1.0159	1.0159	1.0000
2010	611,703.612	617,655.664	5,952.052	0.0096	1.0129	0.0098	1.0159	1.0159	1.0000
2011	581,359.817	590,617.264	9,257.447	0.0157	1.0129	0.0159	1.0159	1.0159	1.0000
2012	515,281.115	528,651.410	13,370.295	0.0253	1.0129	0.0256	1.0159	1.0158	0.9999
2013	517,898.449	536,064.585	18,166.136	0.0339	1.0129	0.0343	1.0159	1.0158	0.9999
2014	478,107.200	517,569.375	39,462.175	0.0762	1.0129	0.0772	1.0159	1.0157	0.9998
2015	394,886.610	478,328.920	83,442.310	0.1744	1.0129	0.1767	1.0159	1.0154	0.9995
2016	208,677.851	374,937.190	166,259.539	0.4434	1.0129	0.4492	1.0159	1.0146	0.9987
2017	38,844.846	225,413.466	186,568.620	0.8277	1.0129	0.8384	1.0159	1.0134	0.9976
2018		41,922.583	41,922.583	1.0000	1.0129	1.0129		1.0129	

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	AVERAGE RESERVE LEVEL <sup>□ □</sup>	INDEMNITY CASE RESERVES AS OF 12/31/17 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/18 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1988	70,270.066	0.0100	0.8939	0.0089	60,028.526	0.0085	0.8930	0.0076
1988	14,938.747	0.0135	0.8939	0.0121	12,670.144	0.0115	0.8930	0.0103
1989	23,805.990	0.0185	0.8939	0.0166	21,365.493	0.0166	0.8930	0.0149
1990	24,311.493	0.0186	0.8939	0.0166	21,727.216	0.0166	0.8930	0.0148
1991	27,836.359	0.0247	0.8939	0.0220	25,286.531	0.0224	0.8930	0.0200
1992	25,988.381	0.0274	0.8939	0.0245	24,808.699	0.0261	0.8930	0.0233
1993	22,666.337	0.0277	0.8939	0.0247	19,932.966	0.0243	0.8930	0.0217
1994	24,783.200	0.0330	0.8939	0.0295	21,710.023	0.0289	0.8930	0.0259
1995	15,661.728	0.0253	0.9244	0.0233	14,139.776	0.0228	0.9235	0.0211
1996	11,732.887	0.0229	0.9854	0.0225	10,400.433	0.0203	0.9845	0.0200
1997	6,787.824	0.0132	1.0159	0.0134	6,322.157	0.0123	1.0149	0.0125
1998	4,986.209	0.0097	1.0159	0.0098	4,507.665	0.0088	1.0149	0.0089
1999	6,756.607	0.0115	1.0159	0.0117	6,385.347	0.0109	1.0149	0.0110
2000	8,050.878	0.0129	1.0159	0.0131	7,108.440	0.0114	1.0149	0.0116
2001	8,780.811	0.0139	1.0159	0.0141	8,118.535	0.0128	1.0149	0.0130
2002	16,291.467	0.0245	1.0159	0.0249	14,641.431	0.0220	1.0149	0.0223
2003	17,001.757	0.0264	1.0159	0.0268	14,067.324	0.0219	1.0149	0.0222
2004	25,165.084	0.0374	1.0159	0.0380	22,047.404	0.0328	1.0149	0.0332
2005	18,948.014	0.0282	1.0159	0.0286	16,429.767	0.0244	1.0149	0.0248
2006	22,368.932	0.0322	1.0159	0.0327	18,854.328	0.0271	1.0149	0.0275
2007	23,781.482	0.0327	1.0159	0.0333	20,520.350	0.0282	1.0149	0.0286
2008	21,773.061	0.0320	1.0159	0.0325	16,122.779	0.0237	1.0149	0.0240
2009	16,507.750	0.0268	1.0159	0.0272	14,288.993	0.0231	1.0149	0.0234
2010	23,603.799	0.0372	1.0159	0.0377	18,967.733	0.0298	1.0149	0.0302
2011	30,485.061	0.0498	1.0159	0.0506	21,288.178	0.0348	1.0149	0.0353
2012	43,909.978	0.0785	1.0159	0.0798	32,512.866	0.0579	1.0149	0.0588
2013	47,673.382	0.0843	1.0159	0.0856	28,204.950	0.0500	1.0149	0.0507
2014	73,662.355	0.1335	1.0159	0.1356	43,728.294	0.0779	1.0149	0.0791
2015	105,630.174	0.2110	1.0159	0.2144	62,098.606	0.1149	1.0149	0.1166
2016	153,326.252	0.4235	1.0159	0.4303	106,560.083	0.2213	1.0149	0.2246
2017	75,488.598	0.6602	1.0159	0.6708	163,345.728	0.4202	1.0149	0.4264
2018					75,900.276	0.6442	1.0149	0.6538

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 16 V. 17 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 16 V. 17 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY	CUMULATIVE REPORTED INDEMNITY	INDEMNITY INCURRED LOSSES AS OF 12/31/18	INDEMNITY INCURRED LOSSES AS OF 12/31/17	INDEMNITY INCURRED LOSSES AS OF 12/31/18	INDEMNITY INCURRED LOSSES 17-18 LDF ADJUSTMENT FACTOR
	AS OF 12/31/17	AS OF 12/31/18	PAID LOSSES WEIGHTS	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13)+ ((7)*(1-11))	(22) = (17) + ((5)*(20)) +((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1988	7,030,595,810	7,030,165,341	0.0014	0.8967	0.8967	1.0000
1988	1,103,132,427	1,102,477,214	0.0015	0.9017	0.9017	1.0000
1989	1,283,967,522	1,284,319,748	0.0022	0.9034	0.9033	1.0000
1990	1,307,287,195	1,308,139,976	0.0026	0.9064	0.9064	1.0000
1991	1,128,528,180	1,129,061,098	0.0027	0.9106	0.9105	1.0000
1992	949,029,335	951,282,245	0.0036	0.9160	0.9159	0.9999
1993	819,671,800	819,697,306	0.0034	0.9247	0.9246	1.0000
1994	750,042,931	749,983,180	0.0040	0.9359	0.9359	1.0000
1995	620,153,885	620,272,728	0.0026	0.9615	0.9615	1.0000
1996	513,151,598	512,934,881	0.0022	1.0009	1.0008	1.0000
1997	513,828,327	514,165,240	0.0016	1.0159	1.0159	1.0000
1998	514,340,124	514,725,714	0.0017	1.0159	1.0159	1.0000
1999	586,528,300	587,050,668	0.0015	1.0159	1.0159	1.0000
2000	622,824,960	622,819,105	0.0015	1.0159	1.0159	1.0000
2001	632,710,612	633,261,274	0.0019	1.0159	1.0159	1.0000
2002	664,639,464	665,392,877	0.0036	1.0159	1.0159	1.0000
2003	644,020,323	643,543,407	0.0038	1.0159	1.0159	1.0000
2004	672,830,386	673,183,300	0.0052	1.0159	1.0159	1.0000
2005	672,179,108	673,526,473	0.0057	1.0159	1.0159	1.0000
2006	695,029,207	696,813,814	0.0076	1.0159	1.0159	1.0000
2007	726,424,526	728,036,385	0.0067	1.0159	1.0159	1.0000
2008	681,273,166	680,941,693	0.0078	1.0159	1.0159	1.0000
2009	616,774,977	618,591,428	0.0065	1.0159	1.0159	1.0000
2010	635,307,411	636,623,397	0.0093	1.0159	1.0159	0.9999
2011	611,844,878	611,905,442	0.0151	1.0159	1.0158	0.9999
2012	559,191,093	561,164,276	0.0238	1.0159	1.0158	0.9999
2013	565,571,831	564,269,535	0.0322	1.0159	1.0158	0.9999
2014	551,769,555	561,297,669	0.0703	1.0159	1.0156	0.9997
2015	500,516,784	540,427,526	0.1544	1.0159	1.0153	0.9994
2016	362,003,903	481,497,273	0.3453	1.0159	1.0147	0.9988
2017	114,333,444	388,759,194	0.4799	1.0159	1.0140	0.9982
2018		117,822,859	0.3558		1.0142	

□ □ □ CONSISTENT WITH 17@1ST, 16@2ND, 15@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/17	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/18	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2018 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1988	7,030,595,810	7,030,165,341	-430,469	9,811,071	70,270,066	60,028,526
1988	1,103,132,427	1,102,477,214				
		INCURRED LOSSES WEIGHT	1988 INCURRED LOSSES ADJUSTMENT FACTOR	1988 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
		(31) = (24) 1987 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1988	1,102,701,958	1.0004	0.9017	0.9021		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1988	0.0089	0.8913	0.0079			
	CASE RESERVES AS OF 12/31/17 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/18 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1988	0.0637	0.8939	0.0570	0.0544	0.8930	0.0486 -0.0084
		PRIOR TO 1988 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1988	0.9016	0.9999				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 18 V. 19 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/18	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/19	CALENDAR YEAR 2019 PAID LOSSES	CALENDAR YEAR 2019 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2019 PAID LOSSES ADJUSTMENT FACTOR	INDEMNITY PAID LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR <sup>□</sup>	INDEMNITY PAID LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR	18-19 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1989	8,093,339.858	8,104,914.374	11,574.516	0.0014	0.8799	0.0013	0.8974	0.8974	1.0000
1989	1,263,293.159	1,265,803.347	2,510.188	0.0020	0.8799	0.0017	0.9035	0.9035	0.9999
1990	1,286,682.296	1,289,605.028	2,922.732	0.0023	0.8799	0.0020	0.9066	0.9066	0.9999
1991	1,103,697.220	1,107,051.005	3,353.785	0.0030	0.8799	0.0027	0.9109	0.9108	0.9999
1992	926,286.908	929,931.440	3,644.532	0.0039	0.8799	0.0034	0.9165	0.9163	0.9998
1993	799,249.729	801,781.105	2,531.376	0.0032	0.8799	0.0028	0.9254	0.9253	0.9998
1994	727,548.391	730,794.525	3,246.134	0.0044	0.8799	0.0039	0.9372	0.9369	0.9997
1995	606,042.726	608,030.051	1,987.325	0.0033	0.9099	0.0030	0.9623	0.9622	0.9998
1996	502,463.849	503,833.590	1,369.741	0.0027	0.9700	0.0026	1.0012	1.0011	0.9999
1997	507,433.903	508,748.173	1,314.270	0.0026	1.0000	0.0026	1.0159	1.0159	1.0000
1998	509,678.223	510,136.492	458.269	0.0009	1.0000	0.0009	1.0159	1.0159	1.0000
1999	580,151.693	580,832.745	681.052	0.0012	1.0000	0.0012	1.0159	1.0159	1.0000
2000	615,375.765	616,484.541	1,108.776	0.0018	1.0000	0.0018	1.0159	1.0159	1.0000
2001	624,760.218	626,266.587	1,506.369	0.0024	1.0000	0.0024	1.0159	1.0159	1.0000
2002	650,741.796	654,197.374	3,455.578	0.0053	1.0000	0.0053	1.0159	1.0158	0.9999
2003	628,915.316	631,297.090	2,381.774	0.0038	1.0000	0.0038	1.0159	1.0158	0.9999
2004	650,662.694	655,522.128	4,859.434	0.0074	1.0000	0.0074	1.0159	1.0158	0.9999
2005	656,923.725	660,161.292	3,237.567	0.0049	1.0000	0.0049	1.0159	1.0158	0.9999
2006	677,668.631	681,105.637	3,437.006	0.0050	1.0000	0.0050	1.0159	1.0158	0.9999
2007	707,230.107	710,905.222	3,675.115	0.0052	1.0000	0.0052	1.0159	1.0158	0.9999
2008	664,798.577	668,123.042	3,324.465	0.0050	1.0000	0.0050	1.0159	1.0158	0.9999
2009	604,273.369	607,449.501	3,176.132	0.0052	1.0000	0.0052	1.0159	1.0158	0.9999
2010	617,656.975	622,865.173	5,208.198	0.0084	1.0000	0.0084	1.0159	1.0157	0.9999
2011	590,420.377	596,723.737	6,303.360	0.0106	1.0000	0.0106	1.0159	1.0157	0.9998
2012	528,601.770	536,243.768	7,641.998	0.0143	1.0000	0.0143	1.0158	1.0156	0.9998
2013	536,013.709	542,824.207	6,810.498	0.0125	1.0000	0.0125	1.0158	1.0156	0.9998
2014	517,239.539	536,063.218	18,823.679	0.0351	1.0000	0.0351	1.0157	1.0151	0.9995
2015	478,257.955	511,887.757	33,629.802	0.0657	1.0000	0.0657	1.0154	1.0144	0.9990
2016	374,857.534	457,728.654	82,871.120	0.1810	1.0000	0.1810	1.0146	1.0119	0.9974
2017	225,295.855	412,969.296	187,673.441	0.4544	1.0000	0.4544	1.0134	1.0073	0.9940
2018	41,876.164	239,806.810	197,930.646	0.8254	1.0000	0.8254	1.0129	1.0023	0.9895
2019		44,630.755	44,630.755	1.0000	1.0000	1.0000	1.0000	1.0000	

  

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	AVERAGE RESERVE LEVEL <sup>□ □</sup>	INDEMNITY CASE RESERVES AS OF 12/31/18 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/19	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/19	INDEMNITY CASE RESERVES AS OF 12/31/19 ADJUSTMENT FACTOR	
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1989	72,962.772	0.0089	0.8930	0.0080	64,237.575	0.0079	0.8883	0.0070
1989	21,365.493	0.0166	0.8930	0.0149	18,692.454	0.0146	0.8883	0.0129
1990	21,727.216	0.0166	0.8930	0.0148	17,904.743	0.0137	0.8883	0.0122
1991	25,286.531	0.0224	0.8930	0.0200	21,571.478	0.0191	0.8883	0.0170
1992	24,808.699	0.0261	0.8930	0.0233	24,374.678	0.0255	0.8883	0.0227
1993	19,932.966	0.0243	0.8930	0.0217	17,702.022	0.0216	0.8883	0.0192
1994	21,710.023	0.0290	0.8930	0.0259	17,808.045	0.0238	0.8883	0.0211
1995	14,139.776	0.0228	0.9235	0.0211	12,426.924	0.0200	0.9186	0.0184
1996	10,400.433	0.0203	0.9845	0.0200	8,850.617	0.0173	0.9793	0.0169
1997	6,322.157	0.0123	1.0149	0.0125	5,598.450	0.0109	1.0096	0.0110
1998	4,507.665	0.0088	1.0149	0.0089	4,619.378	0.0090	1.0096	0.0091
1999	6,385.347	0.0109	1.0149	0.0110	5,440.029	0.0093	1.0096	0.0094
2000	7,108.440	0.0114	1.0149	0.0116	6,267.099	0.0101	1.0096	0.0102
2001	8,118.535	0.0128	1.0149	0.0130	6,645.551	0.0105	1.0096	0.0106
2002	14,641.431	0.0220	1.0149	0.0223	11,191.915	0.0168	1.0096	0.0170
2003	14,067.324	0.0219	1.0149	0.0222	10,301.201	0.0161	1.0096	0.0162
2004	22,047.404	0.0328	1.0149	0.0333	17,136.344	0.0255	1.0096	0.0257
2005	16,429.767	0.0244	1.0149	0.0248	12,556.239	0.0187	1.0096	0.0188
2006	18,854.328	0.0271	1.0149	0.0275	15,971.137	0.0229	1.0096	0.0231
2007	20,520.350	0.0282	1.0149	0.0286	16,745.346	0.0230	1.0096	0.0232
2008	16,122.779	0.0237	1.0149	0.0240	11,888.224	0.0175	1.0096	0.0176
2009	14,288.993	0.0231	1.0149	0.0234	12,252.997	0.0198	1.0096	0.0200
2010	18,967.733	0.0298	1.0149	0.0302	14,011.455	0.0220	1.0096	0.0222
2011	21,288.178	0.0348	1.0149	0.0353	16,674.986	0.0272	1.0096	0.0274
2012	32,512.866	0.0579	1.0149	0.0588	27,136.407	0.0482	1.0096	0.0486
2013	28,204.950	0.0500	1.0149	0.0507	19,502.790	0.0347	1.0096	0.0350
2014	43,728.294	0.0780	1.0149	0.0791	27,370.870	0.0486	1.0096	0.0490
2015	62,098.606	0.1149	1.0149	0.1166	40,199.472	0.0728	1.0096	0.0735
2016	106,544.246	0.2213	1.0149	0.2246	65,372.509	0.1250	1.0096	0.1262
2017	163,202.935	0.4201	1.0149	0.4263	113,009.114	0.2149	1.0096	0.2169
2018	75,903.172	0.6445	1.0149	0.6541	180,160.546	0.4290	1.0096	0.4331
2019					80,615.657	0.6437	1.0096	0.6498

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 17 V. 18 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 17 V. 18 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY	CUMULATIVE REPORTED INDEMNITY	INDEMNITY INCURRED LOSSES AS OF 12/31/19	INDEMNITY INCURRED LOSSES AS OF 12/31/18	INDEMNITY INCURRED LOSSES AS OF 12/31/19	INDEMNITY INCURRED LOSSES AS OF 12/31/18
	AS OF 12/31/18	AS OF 12/31/19	PAID LOSSES WEIGHTS	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR	ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13)+ ((7)*(1-1(11))	(22) = (17) + ((5)*(20)) +(7)*(1-(20)+(15))	(23) = (22) / (21)
PRIOR TO 1989	8,166,302.630	8,169,151.949	0.0014	0.8973	0.8973	0.9999
1989	1,284,658.652	1,284,495.801	0.0020	0.9033	0.9032	0.9999
1990	1,308,409.512	1,307,509.771	0.0022	0.9064	0.9063	0.9999
1991	1,128,983.751	1,128,622.483	0.0030	0.9105	0.9104	0.9999
1992	951,095.607	954,306.118	0.0038	0.9159	0.9156	0.9997
1993	819,182.695	819,483.127	0.0031	0.9246	0.9245	0.9998
1994	749,258.414	748,602.570	0.0043	0.9359	0.9358	0.9999
1995	620,182.502	620,456.975	0.0032	0.9615	0.9613	0.9998
1996	512,864.282	512,684.207	0.0027	1.0008	1.0007	0.9999
1997	513,756.060	514,346.623	0.0026	1.0159	1.0158	0.9999
1998	514,185.888	514,755.870	0.0009	1.0159	1.0158	0.9999
1999	586,537.040	586,272.774	0.0012	1.0159	1.0158	0.9999
2000	622,484.205	622,751.640	0.0018	1.0159	1.0158	0.9999
2001	632,878.753	632,912.138	0.0024	1.0159	1.0158	0.9999
2002	665,383.227	665,389.289	0.0052	1.0159	1.0157	0.9998
2003	642,982.640	641,598.291	0.0037	1.0159	1.0157	0.9999
2004	672,710.098	672,658.472	0.0072	1.0159	1.0156	0.9998
2005	673,353.492	672,717.531	0.0048	1.0159	1.0157	0.9998
2006	696,522.959	697,076.774	0.0049	1.0159	1.0157	0.9998
2007	727,750.457	727,650.568	0.0051	1.0159	1.0157	0.9998
2008	680,921.356	680,011.266	0.0049	1.0159	1.0157	0.9998
2009	618,562.362	619,702.498	0.0051	1.0159	1.0157	0.9998
2010	636,624.708	636,876.628	0.0082	1.0159	1.0156	0.9998
2011	611,708.555	613,398.723	0.0103	1.0158	1.0155	0.9997
2012	561,114.636	563,380.175	0.0136	1.0158	1.0153	0.9995
2013	564,218.659	562,326.997	0.0121	1.0158	1.0154	0.9996
2014	560,967.833	563,434.088	0.0334	1.0156	1.0149	0.9993
2015	540,356.561	552,087.229	0.0609	1.0153	1.0140	0.9987
2016	481,401.780	523,101.163	0.1584	1.0147	1.0116	0.9970
2017	388,498.790	525,978.410	0.3568	1.0140	1.0078	0.9938
2018	117,779.336	419,967.356	0.4713	1.0142	1.0054	0.9913
2019		125,246.412	0.3563		1.0062	

□ □ □ CONSISTENT WITH 18@1ST, 17@2ND, 16@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/18	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/19	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2019 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/19
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1989	8,166,302.630	8,169,151.949	2,849,319	11,574,516	72,962,772	64,237,575
1989	1,284,658.652	1,284,495.801				
		INCURRED LOSSES WEIGHT	1989 INCURRED LOSSES ADJUSTMENT FACTOR	1989 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
		(31) = (24) 1987 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1989	1,287,507.971	0.9978	0.9033	0.9013		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)		
PRIOR TO 1989	0.0090	0.8799	0.0079			
	CASE RESERVES AS OF 12/31/18 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/19 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1989	0.0567	0.8930	0.0506	0.0499	0.8883	0.0443 -0.0063
		PRIOR TO 1989 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1989	0.9030	0.9996				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 09 V. 10 VALUATION TO POST-HB 1846 LEVELS

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/09	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/10	CALENDAR YEAR 2010 PAID LOSSES	CALENDAR YEAR 2010 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2010 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/09 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 09-10 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1986	2,488,158,236	2,502,409,264	14,251,028	0.0057	0.9908	0.0056	0.6761	0.6779	1.0027
1986	435,477,970	438,094,022	2,616,052	0.0060	0.9908	0.0059	0.6992	0.7009	1.0025
1987	553,408,539	556,956,327	3,547,788	0.0064	0.9908	0.0063	0.7219	0.7236	1.0024
1988	659,692,048	664,288,635	4,596,587	0.0069	0.9908	0.0069	0.7440	0.7457	1.0023
1989	765,073,376	771,394,995	6,321,619	0.0082	0.9908	0.0081	0.7657	0.7675	1.0024
1990	793,989,703	799,724,850	5,735,147	0.0072	0.9908	0.0071	0.7869	0.7884	1.0019
1991	716,878,989	722,805,564	5,926,575	0.0082	0.9908	0.0081	0.8075	0.8090	1.0019
1992	607,377,195	613,443,999	6,066,804	0.0099	0.9908	0.0098	0.8276	0.8292	1.0020
1993	458,547,865	462,553,699	4,005,834	0.0087	0.9908	0.0086	0.8471	0.8483	1.0015
1994	412,307,429	418,642,352	6,334,923	0.0151	0.9908	0.0150	0.8661	0.8680	1.0022
1995	384,539,717	389,168,709	4,628,992	0.0119	0.9908	0.0118	0.8845	0.8858	1.0014
1996	377,238,857	381,407,011	4,168,154	0.0109	0.9908	0.0108	0.9023	0.9033	1.0011
1997	406,691,479	410,815,934	4,124,455	0.0100	0.9908	0.0099	0.9195	0.9202	1.0008
1998	438,597,996	446,649,030	8,051,034	0.0180	0.9908	0.0179	0.9360	0.9370	1.0011
1999	486,211,254	493,096,869	6,885,615	0.0140	0.9908	0.0138	0.9518	0.9523	1.0006
2000	499,406,570	507,949,264	8,542,694	0.0168	0.9908	0.0167	0.9670	0.9674	1.0004
2001	485,837,963	492,248,313	6,410,350	0.0130	0.9908	0.0129	0.9814	0.9815	1.0001
2002	487,706,097	496,128,637	8,422,540	0.0170	0.9908	0.0168	0.9950	0.9949	0.9999
2003	491,305,437	501,403,557	10,098,120	0.0201	0.9908	0.0200	1.0078	1.0075	0.9997
2004	519,237,996	530,695,217	11,457,221	0.0216	0.9908	0.0214	1.0197	1.0191	0.9994
2005	525,199,332	539,144,136	13,944,804	0.0259	0.9908	0.0256	1.0307	1.0297	0.9990
2006	518,018,544	540,334,288	22,315,744	0.0413	0.9908	0.0409	1.0406	1.0385	0.9980
2007	525,333,831	566,620,200	41,286,369	0.0729	0.9908	0.0722	1.0493	1.0450	0.9959
2008	390,379,770	489,928,303	99,548,533	0.2032	0.9908	0.2013	1.0567	1.0433	0.9873
2009	104,853,540	365,951,414	261,097,874	0.7135	0.9908	0.7069	1.0624	1.0113	0.9519
2010		115,530,201	115,530,201	1.0000	0.9908	0.9908		0.9908	
MEDICAL CASE RESERVES									
POLICY YEAR BEING VALUED	REPORTED MEDICAL CASE RESERVES AS OF 12/31/09	REPORTED MEDICAL CASE RESERVES AS OF 12/31/09 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/09 ADJUSTMENT FACTOR	REPORTED MEDICAL CASE RESERVES AS OF 12/31/10	REPORTED MEDICAL CASE RESERVES AS OF 12/31/10 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/10 ADJUSTMENT FACTOR	
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	
PRIOR TO 1986	150,001,467	0.0569	0.9908	0.0563	149,107,812	0.0562	0.9908	0.0557	
1986	21,764,656	0.0476	0.9908	0.0472	26,484,927	0.0570	0.9908	0.0565	
1987	37,226,968	0.0630	0.9908	0.0624	36,381,053	0.0613	0.9908	0.0608	
1988	35,416,373	0.0510	0.9908	0.0505	34,761,851	0.0497	0.9908	0.0493	
1989	48,763,897	0.0599	0.9908	0.0594	49,350,444	0.0601	0.9908	0.0596	
1990	35,783,169	0.0431	0.9908	0.0427	36,264,963	0.0434	0.9908	0.0430	
1991	51,663,434	0.0672	0.9908	0.0666	49,625,195	0.0642	0.9908	0.0637	
1992	48,298,444	0.0737	0.9908	0.0730	47,370,441	0.0717	0.9908	0.0710	
1993	33,931,912	0.0689	0.9908	0.0683	34,628,198	0.0696	0.9908	0.0690	
1994	38,415,945	0.0852	0.9908	0.0844	31,409,484	0.0698	0.9908	0.0691	
1995	36,561,504	0.0868	0.9908	0.0860	33,210,516	0.0786	0.9908	0.0779	
1996	40,969,213	0.0980	0.9908	0.0971	39,904,675	0.0947	0.9908	0.0938	
1997	40,505,085	0.0906	0.9908	0.0897	38,150,116	0.0850	0.9908	0.0842	
1998	58,304,162	0.1173	0.9908	0.1163	55,205,117	0.1100	0.9908	0.1090	
1999	53,464,843	0.0991	0.9908	0.0982	50,239,778	0.0925	0.9908	0.0916	
2000	49,924,946	0.0909	0.9908	0.0900	48,084,158	0.0865	0.9908	0.0857	
2001	36,127,327	0.0692	0.9908	0.0686	33,217,946	0.0632	0.9908	0.0626	
2002	48,672,380	0.0907	0.9908	0.0899	47,080,428	0.0867	0.9908	0.0859	
2003	48,217,050	0.0894	0.9908	0.0885	46,082,650	0.0842	0.9908	0.0834	
2004	52,707,171	0.0922	0.9908	0.0913	54,391,910	0.0930	0.9908	0.0921	
2005	74,407,790	0.1241	0.9908	0.1230	66,911,540	0.1104	0.9908	0.1094	
2006	74,565,475	0.1258	0.9908	0.1247	66,105,668	0.1090	0.9908	0.1080	
2007	121,298,526	0.1876	0.9908	0.1859	96,905,195	0.1460	0.9908	0.1447	
2008	150,721,788	0.2785	0.9908	0.2760	95,688,329	0.1634	0.9908	0.1619	
2009	120,257,180	0.5342	0.9908	0.5293	135,993,452	0.2709	0.9908	0.2684	
2010					137,139,073	0.5428	0.9908	0.5378	

† FROM PA 4/1/13 REVISION - EXHIBIT 5

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/09	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/10	MEDICAL INCURRED LOSSES AS OF 12/31/10 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/09 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 09-10 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13)+ ((7)*(1-11))	(22) = (17)+ ((5)*(20)) + ((7)*(1-(20)*(15)))	(23) = (22) / (21)
PRIOR TO 1986	2,638,159.703	2,651,517.076	0.0054	0.6940	0.6955	1.0022
1986	457,242.626	464,578.949	0.0056	0.7131	0.7175	1.0062
1987	590,635.507	593,337.380	0.0060	0.7388	0.7400	1.0016
1988	695,108.421	699,050.486	0.0066	0.7566	0.7579	1.0017
1989	813,837.273	820,745.439	0.0077	0.7792	0.7810	1.0023
1990	829,772.872	835,989.813	0.0069	0.7957	0.7971	1.0018
1991	768,542.423	772,430.759	0.0077	0.8198	0.8207	1.0010
1992	655,675.639	660,814.440	0.0092	0.8396	0.8408	1.0014
1993	492,479.777	497,181.897	0.0081	0.8570	0.8583	1.0015
1994	450,723.374	450,051.836	0.0141	0.8767	0.8766	0.9998
1995	421,101.221	422,379.225	0.0110	0.8937	0.8940	1.0003
1996	418,206.070	421,311.686	0.0099	0.9110	0.9116	1.0006
1997	447,196.564	448,966.050	0.0092	0.9260	0.9262	1.0003
1998	496,902.158	501,854.147	0.0160	0.9424	0.9429	1.0005
1999	539,676.097	543,336.647	0.0127	0.9557	0.9559	1.0002
2000	549,331.516	556,033.422	0.0154	0.9692	0.9694	1.0003
2001	521,965.290	525,466.259	0.0122	0.9821	0.9821	1.0001
2002	536,378.477	543,209.065	0.0155	0.9946	0.9946	1.0000
2003	539,522.487	547,486.207	0.0184	1.0063	1.0061	0.9998
2004	571,945.167	585,087.127	0.0196	1.0170	1.0164	0.9994
2005	599,607.122	606,055.676	0.0230	1.0257	1.0254	0.9996
2006	592,584.019	606,439.956	0.0368	1.0343	1.0333	0.9990
2007	646,632.357	663,525.395	0.0622	1.0383	1.0371	0.9988
2008	541,101.558	585,616.532	0.1700	1.0383	1.0347	0.9965
2009	225,110.720	501,944.866	0.5202	1.0242	1.0058	0.9820
2010		252,669.274	0.4572		0.9908	

□ □ □ CONSISTENT WITH 09@1ST, 08@2ND, 07@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/09	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/10	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2010 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/09	REPORTED MEDICAL CASE RESERVES AS OF 12/31/10
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	2,638,159.703	2,651,517.076	13,357.373	14,251,028	150,001,467	149,107,812
1986	457,242.626	464,578.949				
		INCURRED LOSSES WEIGHT	1986 INCURRED LOSSES ADJUSTMENT FACTOR	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
		(30) = (24) 1986 + (26) Prior to 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)	
PRIOR TO 1986	470,599.999	0.9716	0.7131	0.6928		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.03028	0.9908	0.03000			
	CASE RESERVES AS OF 12/31/09 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/09 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.3187	0.9908	0.3158	0.3168	0.9908	0.3139 -0.0019
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7210	1.0111				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 10 V. 11 VALUATION TO POST-HB 1846 LEVELS

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/10	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/11	CALENDAR YEAR 2011 PAID LOSSES	CALENDAR YEAR 2011 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2011 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 10-11 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1)-(4)	(9) = (8) / (7)
PRIOR TO 1986	2,486,383.069	2,502,132.798	15,749.729	0.0063	0.9908	0.0062	0.6779	0.6799	1.0029
1986	434,285.031	437,316.611	3,031.580	0.0069	0.9908	0.0069	0.7009	0.7030	1.0029
1987	554,039.075	558,098.091	4,059.016	0.0073	0.9908	0.0072	0.7236	0.7256	1.0027
1988	660,113.717	664,443.663	4,329.946	0.0065	0.9908	0.0065	0.7457	0.7473	1.0021
1989	768,350.979	773,086.390	4,735.411	0.0061	0.9908	0.0061	0.7675	0.7689	1.0018
1990	797,327.611	802,353.036	5,025.425	0.0063	0.9908	0.0062	0.7884	0.7896	1.0016
1991	719,535.203	725,231.456	5,696.253	0.0079	0.9908	0.0078	0.8090	0.8104	1.0018
1992	611,779.394	618,657.341	6,877.947	0.0111	0.9908	0.0110	0.8292	0.8310	1.0022
1993	461,919.915	466,122.177	4,202.262	0.0090	0.9908	0.0089	0.8493	0.8496	1.0015
1994	418,313.168	423,380.195	5,067.027	0.0120	0.9908	0.0119	0.8690	0.8695	1.0017
1995	389,037.118	392,559.962	3,522.844	0.0090	0.9908	0.0089	0.8858	0.8867	1.0011
1996	381,036.285	385,138.141	4,101.856	0.0107	0.9908	0.0106	0.9033	0.9042	1.0010
1997	410,306.615	414,919.649	4,613.034	0.0111	0.9908	0.0110	0.9202	0.9210	1.0009
1998	438,949.267	446,943.997	7,994.730	0.0179	0.9908	0.0177	0.9370	0.9380	1.0010
1999	473,323.812	479,556.863	6,233.051	0.0130	0.9908	0.0129	0.9523	0.9528	1.0005
2000	491,379.042	498,520.498	7,141.456	0.0143	0.9908	0.0142	0.9674	0.9677	1.0003
2001	483,220.657	488,968.319	5,747.662	0.0118	0.9908	0.0116	0.9815	0.9816	1.0001
2002	494,543.616	502,978.929	8,435.313	0.0168	0.9908	0.0166	0.9949	0.9949	0.9999
2003	501,494.643	509,870.256	8,375.613	0.0164	0.9908	0.0163	1.0075	1.0072	0.9997
2004	530,913.008	540,618.492	9,705.484	0.0180	0.9908	0.0178	1.0191	1.0186	0.9995
2005	539,296.736	550,083.795	10,787.059	0.0196	0.9908	0.0194	1.0297	1.0289	0.9993
2006	540,371.035	555,504.678	15,133.643	0.0272	0.9908	0.0270	1.0385	1.0372	0.9987
2007	566,482.456	591,199.279	24,716.823	0.0418	0.9908	0.0414	1.0450	1.0428	0.9978
2008	489,577.943	532,454.544	42,876.601	0.0805	0.9908	0.0798	1.0433	1.0391	0.9959
2009	366,980.227	457,460.808	90,480.581	0.1978	0.9908	0.1960	1.0113	1.0073	0.9960
2010	115,365.545	398,784.557	283,419.012	0.7107	0.9908	0.7042	0.9908	0.9908	1.0000
2011		119,416.149	119,416.149	1.0000	0.9908	0.9908		0.9908	

  

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	REPORTED MEDICAL CASE RESERVES AS OF 12/31/10	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/10 ADJUSTMENT FACTOR	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(9)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1986	148,977.415	0.0565	0.9908	0.0560	156,948.329	0.0590	0.9908	0.0585
1986	26,484.927	0.0575	0.9908	0.0570	25,074.001	0.0542	0.9908	0.0537
1987	36,381.053	0.0616	0.9908	0.0611	35,418.912	0.0597	0.9908	0.0591
1988	34,436.658	0.0496	0.9908	0.0491	36,631.879	0.0523	0.9908	0.0518
1989	49,332.096	0.0603	0.9908	0.0598	51,358.759	0.0623	0.9908	0.0617
1990	36,238.216	0.0435	0.9908	0.0431	37,431.986	0.0446	0.9908	0.0442
1991	48,553.308	0.0632	0.9908	0.0626	43,408.491	0.0565	0.9908	0.0560
1992	47,370.441	0.0719	0.9908	0.0712	45,925.846	0.0691	0.9908	0.0685
1993	34,628.198	0.0697	0.9908	0.0691	33,299.212	0.0667	0.9908	0.0661
1994	31,753.607	0.0706	0.9908	0.0699	33,045.218	0.0724	0.9908	0.0717
1995	33,213.119	0.0787	0.9908	0.0779	32,862.294	0.0772	0.9908	0.0765
1996	39,904.675	0.0948	0.9908	0.0939	39,053.384	0.0921	0.9908	0.0912
1997	38,170.495	0.0851	0.9908	0.0843	38,000.549	0.0839	0.9908	0.0831
1998	53,596.202	0.1088	0.9908	0.1078	41,209.642	0.0844	0.9908	0.0836
1999	45,830.038	0.0883	0.9908	0.0875	49,261.527	0.0932	0.9908	0.0923
2000	47,635.321	0.0884	0.9908	0.0876	42,286.447	0.0782	0.9908	0.0775
2001	33,238.429	0.0644	0.9908	0.0638	33,001.035	0.0632	0.9908	0.0626
2002	47,070.428	0.0869	0.9908	0.0861	46,818.201	0.0852	0.9908	0.0844
2003	46,082.650	0.0842	0.9908	0.0834	42,212.394	0.0765	0.9908	0.0758
2004	54,391.910	0.0929	0.9908	0.0921	51,245.805	0.0866	0.9908	0.0858
2005	66,913.040	0.1104	0.9908	0.1094	62,955.524	0.1027	0.9908	0.1017
2006	66,107.168	0.1090	0.9908	0.1080	58,614.149	0.0954	0.9908	0.0946
2007	97,159.087	0.1464	0.9908	0.1451	84,798.201	0.1254	0.9908	0.1243
2008	95,695.073	0.1635	0.9908	0.1620	74,694.434	0.1230	0.9908	0.1219
2009	136,716.347	0.2714	0.9908	0.2689	86,821.752	0.1595	0.9908	0.1580
2010	137,154.231	0.5431	0.9908	0.5381	163,234.815	0.2904	0.9908	0.2878
2011					150,162.248	0.5570	0.9908	0.5519

† FROM PA 4/1/14 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 09 V. 10 VALUATION)  
 □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 09 V. 10 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/10	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/11	MEDICAL INCURRED LOSSES AS OF 12/31/11 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 10-11 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-(11)))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)*(15)))	(23) = (22) / (21)
PRIOR TO 1986	2,635,360,484	2,659,081,127	0.0059	0.6956		0.6982
1986	460,769,958	462,390,612	0.0066	0.7176		0.7186
1987	590,420,128	593,517,003	0.0068	0.7401		0.7414
1988	694,550,375	701,075,542	0.0062	0.7579		0.7600
1989	817,683,075	824,445,149	0.0057	0.7810		0.7827
1990	833,565,827	839,785,022	0.0060	0.7972		0.7986
1991	768,088,511	768,639,947	0.0074	0.8205		0.8206
1992	659,149,835	664,583,187	0.0103	0.8408		0.8421
1993	496,548,113	499,421,389	0.0084	0.8583		0.8590
1994	450,066,775	456,425,413	0.0111	0.8767		0.8782
1995	422,250,237	425,422,256	0.0083	0.8940		0.8947
1996	420,940,960	424,191,525	0.0097	0.9116		0.9122
1997	448,477,110	452,920,198	0.0102	0.9262		0.9269
1998	492,545,469	498,153,639	0.0164	0.9428		0.9424
1999	519,153,850	528,818,390	0.0118	0.9557		0.9564
2000	539,014,363	540,806,945	0.0132	0.9695		0.9695
2001	516,459,086	521,969,354	0.0110	0.9821		0.9822
2002	541,614,044	549,797,130	0.0153	0.9946		0.9945
2003	547,577,293	552,082,650	0.0152	1.0061		1.0059
2004	585,304,918	591,864,297	0.0164	1.0164		1.0162
2005	606,209,776	613,039,319	0.0176	1.0254		1.0250
2006	606,478,203	614,118,827	0.0246	1.0333		1.0328
2007	663,641,543	675,997,480	0.0366	1.0371		1.0363
2008	585,273,016	607,148,978	0.0706	1.0347		1.0331
2009	503,696,574	544,282,560	0.1662	1.0057		1.0046
2010	252,519,776	262,016,372	0.5043	0.9908		0.9908
2011		269,578,397	0.4430			0.9908

□ □ □ CONSISTENT WITH 10@1ST, 09@2ND, 08@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/10 (24)	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/11 (25)	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2011 PAID LOSSES (27)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/10 (28)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11 (29)
PRIOR TO 1986	2,635,360,484	2,659,081,127	23,720,643	15,749,729	148,977,415	156,948,329
1986	460,769,958	462,390,612				
			1986 INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
	(30) = (24) 1986 + (26) Prior to 1986	(31) = (24) 1986 / (30)				
PRIOR TO 1986	484,490,601	0.9510	0.7176	0.6825		
	PAID WEIGHT (34) = (27) / (30)	AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1986	0.03251	0.9908	0.03221			
	CASE RESERVES AS OF 12/31/10 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/10 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.3075	0.9908	0.3047	0.3239	0.9908	0.3210 0.0163
	PRIOR TO 1986 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7310	1.0186				



TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 11 V. 12 VALUATION TO POST-HB 1846 LEVELS

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/11	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/12	CALENDAR YEAR 2012 PAID LOSSES	CALENDAR YEAR 2012 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2012 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 11-12 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1986	2,463,352.215	2,478,705.937	15,353.722	0.0062	0.9908	0.0061	0.6799	0.6818	1.0028
1986	433,417.345	435,974.353	2,557.008	0.0059	0.9908	0.0058	0.7030	0.7046	1.0024
1987	551,766.434	554,976.942	3,210.508	0.0058	0.9908	0.0057	0.7256	0.7271	1.0021
1988	659,938.253	664,065.134	4,126.881	0.0062	0.9908	0.0062	0.7473	0.7488	1.0020
1989	765,677.776	771,285.722	5,607.946	0.0073	0.9908	0.0072	0.7689	0.7705	1.0021
1990	792,460.012	796,879.112	4,419.100	0.0055	0.9908	0.0055	0.7896	0.7907	1.0014
1991	716,001.382	721,053.724	5,052.342	0.0070	0.9908	0.0069	0.8104	0.8117	1.0016
1992	612,190.752	617,993.163	5,802.411	0.0094	0.9908	0.0093	0.8310	0.8325	1.0018
1993	482,535.187	486,935.388	4,400.201	0.0094	0.9908	0.0093	0.8496	0.8510	1.0016
1994	420,122.212	425,378.150	5,255.938	0.0124	0.9908	0.0122	0.8695	0.8710	1.0017
1995	389,625.985	396,371.933	6,745.948	0.0170	0.9908	0.0169	0.8867	0.8885	1.0020
1996	382,671.009	386,107.028	3,436.019	0.0089	0.9908	0.0088	0.9042	0.9050	1.0009
1997	412,764.852	417,179.509	4,414.657	0.0106	0.9908	0.0105	0.9210	0.9217	1.0008
1998	442,874.605	446,838.482	3,963.877	0.0089	0.9908	0.0088	0.9380	0.9384	1.0005
1999	475,754.923	481,797.817	6,042.894	0.0125	0.9908	0.0124	0.9528	0.9533	1.0005
2000	492,142.341	498,237.054	6,094.713	0.0122	0.9908	0.0121	0.9677	0.9680	1.0003
2001	482,747.258	487,604.783	4,857.525	0.0100	0.9908	0.0099	0.9816	0.9817	1.0001
2002	501,039.664	507,478.459	6,438.795	0.0127	0.9908	0.0126	0.9949	0.9948	0.9999
2003	507,655.167	515,991.267	8,336.100	0.0162	0.9908	0.0160	1.0072	1.0069	0.9997
2004	536,313.279	546,495.864	10,182.585	0.0190	0.9908	0.0188	1.0186	1.0182	0.9996
2005	547,360.500	557,189.791	9,829.291	0.0176	0.9908	0.0175	1.0289	1.0282	0.9993
2006	553,115.587	561,806.150	8,690.563	0.0155	0.9908	0.0153	1.0372	1.0365	0.9993
2007	589,254.709	604,103.385	14,848.676	0.0246	0.9908	0.0244	1.0428	1.0415	0.9988
2008	529,109.635	547,386.378	18,276.743	0.0334	0.9908	0.0331	1.0391	1.0375	0.9984
2009	454,068.280	490,493.851	36,425.571	0.0743	0.9908	0.0736	1.0073	1.0060	0.9988
2010	397,376.778	502,246.139	104,869.361	0.2088	0.9908	0.2069	0.9908	0.9908	1.0000
2011	118,598.450	414,003.608	295,405.158	0.7135	0.9908	0.7070	0.9908	0.9908	1.0000
2012		116,425.451	116,425.451	1.0000	0.9908	0.9908	0.9908	0.9908	1.0000
MEDICAL CASE RESERVES									
POLICY YEAR BEING VALUED	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12	REPORTED MEDICAL CASE RESERVES AS OF 12/31/12	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/12 ADJUSTMENT FACTOR	
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	
	†	‡	§	¶	†	‡	§	¶	
PRIOR TO 1986	155,868.567	0.0595	0.9908	0.0590	145,046.610	0.0553	0.9908	0.0548	
1986	24,937.185	0.0544	0.9908	0.0539	25,499.661	0.0553	0.9908	0.0547	
1987	35,365.190	0.0602	0.9908	0.0597	34,292.488	0.0582	0.9908	0.0577	
1988	36,498.852	0.0524	0.9908	0.0519	34,329.798	0.0492	0.9908	0.0487	
1989	50,973.876	0.0624	0.9908	0.0618	50,125.069	0.0610	0.9908	0.0605	
1990	36,753.861	0.0443	0.9908	0.0439	34,265.645	0.0412	0.9908	0.0408	
1991	43,393.800	0.0571	0.9908	0.0566	43,912.211	0.0574	0.9908	0.0569	
1992	45,724.280	0.0695	0.9908	0.0689	45,514.226	0.0686	0.9908	0.0680	
1993	33,256.983	0.0671	0.9908	0.0665	32,834.579	0.0657	0.9908	0.0651	
1994	33,045.218	0.0729	0.9908	0.0722	36,730.599	0.0795	0.9908	0.0788	
1995	32,721.153	0.0775	0.9908	0.0768	31,131.863	0.0728	0.9908	0.0722	
1996	38,461.087	0.0913	0.9908	0.0905	38,520.491	0.0907	0.9908	0.0899	
1997	38,000.548	0.0843	0.9908	0.0835	37,501.785	0.0825	0.9908	0.0817	
1998	40,688.312	0.0841	0.9908	0.0834	40,585.834	0.0833	0.9908	0.0825	
1999	49,261.528	0.0938	0.9908	0.0930	44,408.081	0.0844	0.9908	0.0836	
2000	42,077.346	0.0788	0.9908	0.0780	37,798.341	0.0705	0.9908	0.0699	
2001	32,644.752	0.0633	0.9908	0.0628	30,438.300	0.0588	0.9908	0.0582	
2002	46,794.997	0.0854	0.9908	0.0846	42,047.223	0.0765	0.9908	0.0758	
2003	42,128.874	0.0766	0.9908	0.0759	40,444.193	0.0727	0.9908	0.0720	
2004	51,047.230	0.0866	0.9908	0.0858	45,862.989	0.0775	0.9908	0.0767	
2005	62,843.075	0.1030	0.9908	0.1020	51,213.523	0.0842	0.9908	0.0834	
2006	58,510.369	0.0957	0.9908	0.0948	54,542.261	0.0885	0.9908	0.0877	
2007	84,843.460	0.1256	0.9908	0.1244	67,078.844	0.0999	0.9908	0.0990	
2008	74,611.824	0.1236	0.9908	0.1224	56,223.437	0.0931	0.9908	0.0923	
2009	86,479.048	0.1600	0.9908	0.1585	64,462.619	0.1162	0.9908	0.1151	
2010	162,965.511	0.2908	0.9908	0.2882	104,316.225	0.1720	0.9908	0.1704	
2011	149,295.365	0.5573	0.9908	0.5522	151,086.333	0.2674	0.9908	0.2649	
2012					130,147.530	0.5278	0.9908	0.5230	

† FROM PA 4/1/15 REVISION - EXHIBIT 5  
 ‡ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 10 V. 11 VALUATION)  
 § COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 10 V. 11 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/11	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/12	MEDICAL INCURRED LOSSES AS OF 12/31/12 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 11-12 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1)-(11))	(22) = (17) + ((5)*(20)) + ((7)*(1)-(20)+(15))	(23) = (22) / (21)
PRIOR TO 1986	2,619,220,782	2,623,752,547	0.0059	0.6984	0.6989	1.0007
1986	458,354,530	461,474,014	0.0055	0.7186	0.7205	1.0026
1987	587,131,624	589,269,430	0.0054	0.7415	0.7424	1.0012
1988	696,437,105	698,394,932	0.0059	0.7601	0.7607	1.0009
1989	816,651,652	821,410,791	0.0068	0.7828	0.7840	1.0015
1990	829,213,873	831,144,757	0.0053	0.7985	0.7990	1.0006
1991	759,395,182	764,965,935	0.0066	0.8207	0.8220	1.0015
1992	657,915,032	663,507,389	0.0087	0.8421	0.8434	1.0015
1993	495,792,170	499,769,967	0.0088	0.8591	0.8601	1.0012
1994	453,167,430	462,108,749	0.0114	0.8783	0.8805	1.0025
1995	422,347,138	427,503,796	0.0158	0.8948	0.8959	1.0013
1996	421,132,096	424,627,519	0.0081	0.9121	0.9128	1.0007
1997	450,765,400	454,681,294	0.0097	0.9269	0.9274	1.0006
1998	483,582,917	487,424,316	0.0081	0.9424	0.9428	1.0004
1999	525,016,451	526,205,898	0.0115	0.9564	0.9565	1.0001
2000	534,219,687	536,035,395	0.0114	0.9696	0.9696	1.0001
2001	515,392,010	518,043,083	0.0094	0.9822	0.9823	1.0000
2002	547,834,661	549,525,682	0.0117	0.9945	0.9945	1.0000
2003	549,784,041	556,435,460	0.0150	1.0059	1.0057	0.9998
2004	589,360,509	592,378,853	0.0138	1.0162	1.0160	0.9999
2005	610,203,575	608,403,314	0.0162	1.0250	1.0251	1.0001
2006	611,625,956	616,348,411	0.0141	1.0328	1.0325	0.9997
2007	673,898,169	671,182,229	0.0221	1.0362	1.0364	1.0002
2008	603,721,459	603,609,815	0.0303	1.0331	1.0331	1.0000
2009	540,547,328	554,956,470	0.0656	1.0046	1.0043	0.9996
2010	560,342,289	606,562,364	0.1729	0.9908	0.9908	1.0000
2011	267,893,815	565,089,941	0.5228	0.9908	0.9908	1.0000
2012		246,572,981	0.4722		0.9908	

□ □ □ CONSISTENT WITH 11@1ST, 10@2ND, 09@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/11	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/12	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2012 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11	REPORTED MEDICAL CASE RESERVES AS OF 12/31/12
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	2,619,220,782	2,623,752,547	4,531,765	15,353,722	155,868,567	145,046,610
1986	458,354,530	461,474,014				
			1986 INCURRED LOSSES ADJUSTMENT FACTOR	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) 1986 + (26) Prior to 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	462,886,295	0.9902	0.7186	0.7116		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.03317	0.9908	0.03286			
	CASE RESERVES AS OF 12/31/11 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/11 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.3367	0.9908	0.3336	0.3134	0.9908	0.3105 -0.0232
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7213	1.0037				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 12 V. 13 VALUATION TO POST-HB 1846 LEVELS

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/12	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/13	CALENDAR YEAR 2013 PAID LOSSES	CALENDAR YEAR 2013 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2013 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 12-13 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1986	2,516,805.578	2,530,925.437	14,119.859	0.0056	0.9908	0.0055	0.6818	0.6835	1.0025
1986	439,762.161	443,053.198	3,291.037	0.0074	0.9908	0.0074	0.7046	0.7068	1.0030
1987	561,236.944	565,618.304	4,381.360	0.0077	0.9908	0.0077	0.7271	0.7291	1.0028
1988	668,429.919	672,216.453	3,786.534	0.0056	0.9908	0.0056	0.7488	0.7502	1.0018
1989	778,066.111	784,417.495	6,351.384	0.0081	0.9908	0.0080	0.7705	0.7723	1.0023
1990	806,343.787	812,034.142	5,690.355	0.0070	0.9908	0.0069	0.7907	0.7921	1.0018
1991	729,748.309	735,528.209	5,779.900	0.0079	0.9908	0.0078	0.8117	0.8131	1.0017
1992	623,601.286	629,885.895	6,284.609	0.0100	0.9908	0.0099	0.8325	0.8341	1.0019
1993	469,649.101	475,486.235	5,837.134	0.0123	0.9908	0.0122	0.8510	0.8527	1.0020
1994	427,833.916	432,914.618	5,080.702	0.0117	0.9908	0.0116	0.8710	0.8724	1.0016
1995	399,035.001	403,808.931	4,773.930	0.0118	0.9908	0.0117	0.8885	0.8897	1.0014
1996	388,024.645	394,828.826	6,804.181	0.0172	0.9908	0.0171	0.9050	0.9064	1.0016
1997	415,381.853	419,767.302	4,385.449	0.0104	0.9908	0.0104	0.9217	0.9225	1.0008
1998	450,368.692	455,107.580	4,738.888	0.0104	0.9908	0.0103	0.9384	0.9390	1.0006
1999	481,512.143	486,854.773	5,342.630	0.0110	0.9908	0.0109	0.9533	0.9537	1.0004
2000	499,112.413	505,269.299	6,156.886	0.0122	0.9908	0.0121	0.9680	0.9683	1.0003
2001	485,110.646	490,869.971	5,759.325	0.0117	0.9908	0.0116	0.9817	0.9818	1.0001
2002	505,749.856	513,392.884	7,643.028	0.0149	0.9908	0.0148	0.9948	0.9947	0.9999
2003	517,210.189	523,941.226	6,731.037	0.0128	0.9908	0.0127	1.0069	1.0067	0.9998
2004	548,611.185	557,904.127	9,292.942	0.0167	0.9908	0.0165	1.0182	1.0177	0.9996
2005	559,767.978	569,198.143	9,410.165	0.0165	0.9908	0.0164	1.0322	1.0322	0.9994
2006	563,859.009	578,523.903	12,664.894	0.0220	0.9908	0.0218	1.0365	1.0355	0.9990
2007	605,979.258	618,327.208	12,347.950	0.0200	0.9908	0.0198	1.0415	1.0405	0.9990
2008	550,328.733	564,639.539	14,310.806	0.0253	0.9908	0.0251	1.0375	1.0363	0.9989
2009	492,245.547	512,403.699	20,158.152	0.0393	0.9908	0.0390	1.0060	1.0054	0.9994
2010	501,731.998	543,263.864	41,531.866	0.0764	0.9908	0.0757	0.9908	0.9908	1.0000
2011	413,318.998	518,626.995	105,308.997	0.2031	0.9908	0.2012	0.9908	0.9908	1.0000
2012	116,971.903	391,856.219	274,884.316	0.7015	0.9908	0.6950	0.9908	0.9908	1.0000
2013		118,709.466	118,709.466	1.0000	0.9908	0.9908	0.9908	0.9908	1.0000

  

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES								
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/12	REPORTED MEDICAL CASE RESERVES AS OF 12/31/12	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/12 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13	REPORTED MEDICAL CASE RESERVES AS OF 12/31/13	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/13 ADJUSTMENT FACTOR	MEDICAL CASE RESERVES AS OF 12/31/13 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	(17) = (15) * (16)
PRIOR TO 1986	145,952.264	0.0548	0.9908	0.0543	133,791.889	0.0502	0.9908	0.0497	0.0497
1986	25,620.892	0.0551	0.9908	0.0545	24,245.013	0.0519	0.9908	0.0514	0.0514
1987	34,317.012	0.0576	0.9908	0.0571	34,241.579	0.0571	0.9908	0.0566	0.0566
1988	34,448.674	0.0490	0.9908	0.0486	36,447.854	0.0514	0.9908	0.0510	0.0510
1989	50,492.605	0.0609	0.9908	0.0604	47,693.632	0.0573	0.9908	0.0568	0.0568
1990	34,858.920	0.0416	0.9908	0.0412	33,701.711	0.0398	0.9908	0.0395	0.0395
1991	43,950.851	0.0568	0.9908	0.0563	44,606.641	0.0572	0.9908	0.0567	0.0567
1992	45,679.060	0.0683	0.9908	0.0676	44,690.417	0.0662	0.9908	0.0656	0.0656
1993	32,510.479	0.0647	0.9908	0.0641	29,325.464	0.0581	0.9908	0.0576	0.0576
1994	36,730.599	0.0791	0.9908	0.0783	34,025.046	0.0729	0.9908	0.0722	0.0722
1995	31,493.081	0.0731	0.9908	0.0725	29,877.807	0.0689	0.9908	0.0683	0.0683
1996	38,550.804	0.0904	0.9908	0.0895	36,482.782	0.0846	0.9908	0.0838	0.0838
1997	37,027.702	0.0818	0.9908	0.0811	36,801.742	0.0806	0.9908	0.0799	0.0799
1998	40,878.430	0.0832	0.9908	0.0824	39,719.812	0.0803	0.9908	0.0795	0.0795
1999	43,844.622	0.0835	0.9908	0.0827	41,863.442	0.0792	0.9908	0.0785	0.0785
2000	38,061.741	0.0709	0.9908	0.0702	36,168.878	0.0668	0.9908	0.0662	0.0662
2001	30,712.990	0.0595	0.9908	0.0590	28,629.984	0.0551	0.9908	0.0546	0.0546
2002	40,996.807	0.0750	0.9908	0.0743	38,972.333	0.0706	0.9908	0.0699	0.0699
2003	40,375.390	0.0724	0.9908	0.0717	35,112.162	0.0628	0.9908	0.0622	0.0622
2004	45,995.761	0.0774	0.9908	0.0766	45,326.260	0.0751	0.9908	0.0744	0.0744
2005	51,320.106	0.0840	0.9908	0.0832	50,186.163	0.0810	0.9908	0.0803	0.0803
2006	54,825.502	0.0886	0.9908	0.0878	46,335.056	0.0744	0.9908	0.0737	0.0737
2007	67,103.721	0.0997	0.9908	0.0988	62,807.787	0.0922	0.9908	0.0914	0.0914
2008	56,860.158	0.0936	0.9908	0.0928	50,465.650	0.0820	0.9908	0.0813	0.0813
2009	64,511.976	0.1159	0.9908	0.1148	52,462.056	0.0929	0.9908	0.0920	0.0920
2010	104,149.454	0.1719	0.9908	0.1703	83,222.728	0.1328	0.9908	0.1316	0.1316
2011	150,288.762	0.2667	0.9908	0.2642	95,917.410	0.1561	0.9908	0.1546	0.1546
2012	130,707.754	0.5277	0.9908	0.5229	143,635.481	0.2682	0.9908	0.2658	0.2658
2013					142,316.968	0.5452	0.9908	0.5402	0.5402

† FROM PA 4/1/16 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 11 V. 12 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 11 V. 12 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/12	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/13	MEDICAL INCURRED LOSSES AS OF 12/31/13 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 12-13 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-(11)))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)*(15)))	(23) = (22) / (21)
PRIOR TO 1986	2,662,757,842	2,664,717,326	0.0053	0.6987	0.6989	1.0003
1986	465,383,053	467,298,211	0.0070	0.7204	0.7215	1.0015
1987	595,553,956	599,859,883	0.0073	0.7423	0.7441	1.0024
1988	702,878,593	708,664,307	0.0053	0.7607	0.7626	1.0025
1989	828,558,716	832,111,127	0.0076	0.7839	0.7848	1.0011
1990	841,302,707	845,735,853	0.0067	0.7991	0.8001	1.0013
1991	773,699,160	780,134,850	0.0074	0.8219	0.8233	1.0017
1992	669,280,346	674,576,312	0.0093	0.8433	0.8445	1.0014
1993	502,159,580	504,811,699	0.0116	0.8600	0.8607	1.0008
1994	464,564,515	466,939,664	0.0109	0.8804	0.8810	1.0006
1995	430,528,082	433,686,738	0.0110	0.8960	0.8967	1.0008
1996	426,575,449	431,311,608	0.0158	0.9127	0.9136	1.0009
1997	452,409,555	456,599,044	0.0096	0.9274	0.9280	1.0006
1998	491,247,122	494,827,392	0.0096	0.9428	0.9431	1.0004
1999	525,356,765	528,718,215	0.0101	0.9564	0.9567	1.0002
2000	537,174,154	541,438,177	0.0114	0.9696	0.9698	1.0002
2001	515,823,636	519,499,955	0.0111	0.9823	0.9823	1.0001
2002	546,746,663	552,365,217	0.0138	0.9945	0.9945	1.0000
2003	557,585,579	559,053,388	0.0120	1.0058	1.0057	1.0000
2004	594,606,946	603,230,387	0.0154	1.0160	1.0157	0.9996
2005	611,108,084	619,384,306	0.0152	1.0251	1.0246	0.9996
2006	618,684,511	622,858,959	0.0203	1.0325	1.0322	0.9997
2007	673,082,979	681,134,995	0.0181	1.0364	1.0359	0.9995
2008	607,188,891	615,105,189	0.0233	1.0331	1.0326	0.9995
2009	556,757,523	564,865,755	0.0357	1.0043	1.0041	0.9998
2010	605,881,452	628,486,592	0.0663	0.9908	0.9908	1.0000
2011	563,607,160	614,544,405	0.1714	0.9908	0.9908	1.0000
2012	247,679,657	535,491,700	0.5133	0.9908	0.9908	1.0000
2013		261,026,434	0.4548		0.9908	

□ □ □ CONSISTENT WITH 12@1ST, 11@2ND, 10@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/12	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/13	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2013 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/12	REPORTED MEDICAL CASE RESERVES AS OF 12/31/13
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	2,662,757,842	2,664,717,326	1,959,484	14,119,859	145,952,264	133,791,889
1986	465,383,053	467,298,211				
			1986 INCURRED LOSSES ADJUSTMENT FACTOR	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) 1986 + (26) Prior to 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	467,342,537	0.9958	0.7204	0.7174		
	PAID WEIGHT	AVERAGE RESERVE LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.03021	0.9908	0.02994			
	CASE RESERVES AS OF 12/31/12 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/12 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.3123	0.9908	0.3094	0.2863	0.9908	0.2836 -0.0258
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7215	1.0016				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 13 V. 14 VALUATION TO POST-HB 1846 LEVELS

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/13	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/14	CALENDAR YEAR 2014 PAID LOSSES	CALENDAR YEAR 2014 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2014 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 13-14 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1986	2,530,723,398	2,544,725,738	14,002,340	0.0055	0.9908	0.0055	0.6835	0.6852	1.0025
1986	443,046,698	446,934,970	3,888,272	0.0087	0.9908	0.0086	0.7068	0.7092	1.0035
1987	565,536,834	569,019,663	3,482,829	0.0061	0.9908	0.0061	0.7291	0.7307	1.0022
1988	672,203,238	676,561,385	4,358,147	0.0064	0.9908	0.0064	0.7502	0.7517	1.0021
1989	784,417,495	789,432,344	5,014,849	0.0064	0.9908	0.0063	0.7723	0.7737	1.0018
1990	812,034,142	816,583,074	4,548,932	0.0056	0.9908	0.0055	0.7921	0.7923	1.0014
1991	735,520,969	740,356,797	4,835,828	0.0065	0.9908	0.0065	0.8131	0.8143	1.0014
1992	629,885,895	635,900,108	6,014,213	0.0095	0.9908	0.0094	0.8341	0.8356	1.0018
1993	475,486,235	480,823,749	5,337,514	0.0107	0.9908	0.0106	0.8527	0.8542	1.0017
1994	432,852,111	437,447,584	4,595,473	0.0105	0.9908	0.0104	0.8724	0.8736	1.0014
1995	403,739,638	407,045,471	3,305,833	0.0081	0.9908	0.0080	0.8927	0.8905	1.0009
1996	394,824,032	398,789,303	3,965,271	0.0099	0.9908	0.0099	0.9064	0.9073	1.0009
1997	419,497,553	423,312,354	3,814,801	0.0090	0.9908	0.0089	0.9225	0.9231	1.0007
1998	455,013,030	458,291,408	3,278,378	0.0072	0.9908	0.0071	0.9390	0.9393	1.0004
1999	486,887,183	493,187,849	6,300,666	0.0128	0.9908	0.0127	0.9537	0.9542	1.0005
2000	504,439,904	509,836,667	5,396,763	0.0106	0.9908	0.0105	0.9683	0.9685	1.0002
2001	490,950,433	495,112,816	4,162,383	0.0084	0.9908	0.0083	0.9818	0.9819	1.0001
2002	513,208,673	521,238,134	8,029,461	0.0154	0.9908	0.0153	0.9947	0.9947	0.9999
2003	523,731,570	530,324,459	6,592,889	0.0124	0.9908	0.0123	1.0067	1.0065	0.9998
2004	557,663,369	565,185,089	7,521,720	0.0133	0.9908	0.0132	1.0177	1.0173	0.9996
2005	569,055,440	577,463,219	8,407,779	0.0146	0.9908	0.0144	1.0276	1.0271	0.9995
2006	576,489,535	585,507,538	9,018,001	0.0154	0.9908	0.0153	1.0355	1.0348	0.9993
2007	618,268,368	632,211,941	13,943,573	0.0221	0.9908	0.0219	1.0405	1.0394	0.9989
2008	564,439,998	574,427,374	9,987,376	0.0174	0.9908	0.0172	1.0363	1.0355	0.9992
2009	513,065,312	525,965,719	12,900,407	0.0245	0.9908	0.0243	1.0054	1.0051	0.9996
2010	545,021,326	566,252,177	21,230,851	0.0375	0.9908	0.0371	0.9908	0.9908	1.0000
2011	520,510,251	563,787,099	43,276,848	0.0768	0.9908	0.0761	0.9908	0.9908	1.0000
2012	393,192,271	492,611,589	99,419,318	0.2018	0.9908	0.2000	0.9908	0.9908	1.0000
2013	118,030,984	113,710,790	295,679,806	0.7147	0.9908	0.7081	0.9908	0.9908	1.0000
2014	123,567,026	123,567,026	123,567,026	1.0000	0.9908	0.9908	0.9908	0.9908	1.0000

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES								
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13	REPORTED MEDICAL CASE RESERVES AS OF 12/31/14	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/13 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14	REPORTED MEDICAL CASE RESERVES AS OF 12/31/14	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/14 ADJUSTMENT FACTOR	MEDICAL CASE RESERVES 13-14 LDF ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	
PRIOR TO 1986	134,584,109	0.0505	0.9908	0.0500	127,402,682	0.0477	0.9908	0.0472	
1986	24,033,364	0.0515	0.9908	0.0510	21,346,597	0.0456	0.9908	0.0452	
1987	34,313,386	0.0572	0.9908	0.0567	33,281,277	0.0553	0.9908	0.0547	
1988	36,559,128	0.0516	0.9908	0.0511	35,515,299	0.0499	0.9908	0.0494	
1989	47,769,847	0.0574	0.9908	0.0569	45,532,039	0.0545	0.9908	0.0540	
1990	33,784,644	0.0399	0.9908	0.0396	35,271,828	0.0414	0.9908	0.0410	
1991	44,689,481	0.0573	0.9908	0.0568	41,020,257	0.0525	0.9908	0.0520	
1992	44,753,947	0.0663	0.9908	0.0657	41,752,310	0.0616	0.9908	0.0610	
1993	29,414,904	0.0583	0.9908	0.0577	29,012,446	0.0569	0.9908	0.0564	
1994	34,180,715	0.0732	0.9908	0.0725	33,547,590	0.0712	0.9908	0.0706	
1995	29,925,795	0.0690	0.9908	0.0684	27,254,921	0.0628	0.9908	0.0622	
1996	36,505,312	0.0846	0.9908	0.0839	37,729,296	0.0864	0.9908	0.0856	
1997	36,840,613	0.0807	0.9908	0.0800	35,792,013	0.0780	0.9908	0.0772	
1998	39,768,587	0.0804	0.9908	0.0796	38,463,169	0.0774	0.9908	0.0767	
1999	42,065,571	0.0795	0.9908	0.0788	42,896,842	0.0800	0.9908	0.0793	
2000	36,284,980	0.0671	0.9908	0.0665	33,156,818	0.0611	0.9908	0.0605	
2001	28,747,547	0.0553	0.9908	0.0548	26,873,994	0.0515	0.9908	0.0510	
2002	39,140,262	0.0709	0.9908	0.0702	40,213,138	0.0716	0.9908	0.0710	
2003	35,283,034	0.0631	0.9908	0.0625	34,386,605	0.0609	0.9908	0.0603	
2004	45,416,174	0.0753	0.9908	0.0746	45,027,540	0.0738	0.9908	0.0731	
2005	50,232,242	0.0811	0.9908	0.0804	48,724,887	0.0778	0.9908	0.0771	
2006	46,418,486	0.0745	0.9908	0.0738	51,069,514	0.0802	0.9908	0.0795	
2007	62,858,098	0.0923	0.9908	0.0914	53,236,873	0.0777	0.9908	0.0770	
2008	50,535,639	0.0822	0.9908	0.0814	45,195,858	0.0729	0.9908	0.0723	
2009	52,587,428	0.0930	0.9908	0.0921	49,089,341	0.0854	0.9908	0.0846	
2010	85,148,665	0.1351	0.9908	0.1339	72,680,963	0.1138	0.9908	0.1127	
2011	95,115,994	0.1545	0.9908	0.1531	71,279,704	0.1122	0.9908	0.1112	
2012	144,291,029	0.2685	0.9908	0.2660	81,516,242	0.1420	0.9908	0.1407	
2013	142,460,656	0.5469	0.9908	0.5419	163,026,090	0.2827	0.9908	0.2801	
2014					136,147,908	0.5242	0.9908	0.5194	

† FROM PA 4/1/17 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 12 V. 13 VALUATION)  
 □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 12 V. 13 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/13	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/14	MEDICAL INCURRED LOSSES AS OF 12/31/14 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 13-14 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)^(1-(11)))	(22) = (17) + ((5)^(20)) + ((7)^(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	2,665,307.507	2,672,128.420	0.0052	0.6990	0.6998	1.0011
1986	467,080.062	468,281.567	0.0083	0.7214	0.7221	1.0010
1987	599,850.220	602,300.940	0.0058	0.7441	0.7451	1.0013
1988	708,762.366	712,076.684	0.0061	0.7626	0.7637	1.0014
1989	832,187.342	834,964.383	0.0060	0.7849	0.7855	1.0009
1990	845,818.786	851,854.902	0.0053	0.8001	0.8014	1.0017
1991	780,210.450	781,377.054	0.0062	0.8233	0.8235	1.0003
1992	674,639.842	677,652.418	0.0089	0.8445	0.8451	1.0008
1993	504,901.139	509,636.195	0.0101	0.8607	0.8619	1.0014
1994	467,032.826	470,995.174	0.0098	0.8810	0.8820	1.0010
1995	433,665.433	434,300.392	0.0076	0.8967	0.8968	1.0002
1996	431,329.344	436,518.599	0.0091	0.9136	0.9145	1.0010
1997	456,338.166	459,104.367	0.0083	0.9280	0.9284	1.0004
1998	494,781.617	496,754.577	0.0066	0.9431	0.9433	1.0002
1999	528,952.754	536,084.691	0.0118	0.9567	0.9571	1.0005
2000	540,724.884	542,993.485	0.0099	0.9698	0.9699	1.0001
2001	519,697.980	521,986.810	0.0080	0.9823	0.9824	1.0000
2002	552,348.935	561,451.272	0.0143	0.9945	0.9944	0.9999
2003	559,014.604	564,711.064	0.0117	1.0057	1.0056	0.9999
2004	603,079.543	610,212.629	0.0123	1.0157	1.0154	0.9997
2005	619,287.682	626,188.106	0.0134	1.0246	1.0243	0.9996
2006	622,908.021	636,577.050	0.0142	1.0322	1.0313	0.9991
2007	681,126.466	685,448.814	0.0203	1.0359	1.0356	0.9997
2008	614,975.537	619,623.232	0.0161	1.0325	1.0322	0.9997
2009	565,652.740	575,055.060	0.0224	1.0041	1.0039	0.9998
2010	630,169.981	638,933.140	0.0332	0.9908	0.9908	1.0000
2011	615,626.245	635,066.803	0.0681	0.9908	0.9908	1.0000
2012	537,483.300	574,127.831	0.1732	0.9908	0.9908	1.0000
2013	260,491.640	576,736.880	0.5127	0.9908	0.9908	1.0000
2014		259,714.934	0.4758		0.9908	

□ □ □ CONSISTENT WITH 13@1ST, 12@2ND, 11@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/13	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/14	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2014 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/13	REPORTED MEDICAL CASE RESERVES AS OF 12/31/14
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	2,665,307.507	2,672,128.420	6,820.913	14,002.340	134,584.109	127,402.682
1986	467,080.062	468,281.567				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			WEIGHTED ADJUSTMENT FACTOR	WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) 1986 + (26) Prior to 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	473,900.975	0.9856	0.7214	0.7110		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.02955	0.9908	0.02928			
	CASE RESERVES AS OF 12/31/13 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/13 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41)
PRIOR TO 1986	0.2840	0.9908	0.2814	0.2688	0.9908	0.2664
						-0.0150
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7253	1.0054				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 14 V. 15 VALUATION TO POST-HB 1846 LEVELS

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/14	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/15	CALENDAR YEAR 2015 PAID LOSSES	CALENDAR YEAR 2015 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2015 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 14-15 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-4)	(9) = (8) / (7)
PRIOR TO 1986	2,480,440,710	2,493,636,986	13,196,276	0.0053	1.0000	0.0053	0.6852	0.6869	1.0024
1986	438,652,820	440,409,946	1,757,126	0.0040	1.0000	0.0040	0.7092	0.7104	1.0016
1987	560,829,672	563,694,241	2,864,569	0.0051	1.0000	0.0051	0.7307	0.7321	1.0019
1988	662,912,675	666,275,771	3,363,096	0.0050	1.0000	0.0050	0.7517	0.7530	1.0017
1989	772,118,703	777,313,282	5,194,579	0.0067	1.0000	0.0067	0.7737	0.7752	1.0020
1990	798,963,681	802,968,796	4,005,115	0.0050	1.0000	0.0050	0.7933	0.7943	1.0013
1991	717,337,443	721,272,124	3,934,681	0.0055	1.0000	0.0055	0.8143	0.8153	1.0012
1992	613,132,826	618,352,916	5,219,990	0.0084	1.0000	0.0084	0.8356	0.8370	1.0017
1993	467,607,362	472,018,512	4,411,150	0.0093	1.0000	0.0093	0.8542	0.8555	1.0016
1994	421,127,984	426,295,021	5,167,037	0.0121	1.0000	0.0121	0.8736	0.8751	1.0018
1995	386,143,047	388,966,950	2,823,903	0.0073	1.0000	0.0073	0.8905	0.8913	1.0009
1996	372,846,632	376,597,555	3,750,923	0.0100	1.0000	0.0100	0.9073	0.9082	1.0010
1997	387,838,631	391,360,184	3,521,553	0.0090	1.0000	0.0090	0.9231	0.9238	1.0007
1998	409,661,803	413,715,299	4,053,496	0.0098	1.0000	0.0098	0.9393	0.9399	1.0006
1999	437,117,417	440,411,561	3,294,144	0.0075	1.0000	0.0075	0.9542	0.9545	1.0004
2000	469,947,743	474,700,959	4,753,216	0.0100	1.0000	0.0100	0.9685	0.9688	1.0003
2001	464,880,542	467,959,976	3,079,434	0.0066	1.0000	0.0066	0.9819	0.9820	1.0001
2002	496,206,405	503,172,385	6,965,980	0.0138	1.0000	0.0138	0.9947	0.9948	1.0001
2003	518,654,675	524,309,761	5,655,086	0.0108	1.0000	0.0108	1.0065	1.0064	0.9999
2004	563,813,222	570,062,960	6,249,638	0.0110	1.0000	0.0110	1.0173	1.0171	0.9998
2005	576,722,031	584,849,408	8,127,377	0.0139	1.0000	0.0139	1.0271	1.0267	0.9996
2006	584,677,500	593,655,651	8,978,151	0.0151	1.0000	0.0151	1.0348	1.0343	0.9995
2007	629,597,404	638,456,418	8,859,014	0.0139	1.0000	0.0139	1.0394	1.0388	0.9995
2008	573,368,370	580,963,831	7,595,461	0.0131	1.0000	0.0131	1.0355	1.0350	0.9996
2009	523,266,559	531,670,889	8,404,330	0.0158	1.0000	0.0158	1.0051	1.0050	0.9999
2010	560,944,623	572,218,602	11,273,979	0.0197	1.0000	0.0197	0.9908	0.9910	1.0002
2011	560,043,598	579,473,806	19,430,208	0.0335	1.0000	0.0335	0.9908	0.9911	1.0003
2012	489,273,850	522,965,081	33,691,231	0.0644	1.0000	0.0644	0.9908	0.9914	1.0006
2013	414,790,359	518,690,468	103,900,109	0.2003	1.0000	0.2003	0.9908	0.9926	1.0019
2014	123,499,550	424,187,686	300,688,136	0.7089	1.0000	0.7089	0.9908	0.9973	1.0066
2015		114,003,180	114,003,180	1.0000	1.0000	1.0000		1.0000	

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14	REPORTED MEDICAL CASE RESERVES AS OF 12/31/14	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/14 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15	REPORTED MEDICAL CASE RESERVES AS OF 12/31/15	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/15 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) / (16)
PRIOR TO 1986	127,066,619	0.0487	0.9908	0.0483	111,874,882	0.0429	0.9939	0.0427
1986	20,204,086	0.0440	0.9908	0.0436	17,824,006	0.0389	0.9939	0.0387
1987	33,268,881	0.0560	0.9908	0.0555	31,245,749	0.0525	0.9939	0.0522
1988	35,267,201	0.0505	0.9908	0.0500	31,384,892	0.0450	0.9939	0.0447
1989	45,476,321	0.0556	0.9908	0.0551	46,227,152	0.0561	0.9939	0.0558
1990	35,248,334	0.0423	0.9908	0.0419	33,572,672	0.0401	0.9939	0.0399
1991	40,659,991	0.0536	0.9908	0.0531	39,157,192	0.0515	0.9939	0.0512
1992	40,936,795	0.0626	0.9908	0.0620	36,479,829	0.0557	0.9939	0.0554
1993	28,831,862	0.0581	0.9908	0.0575	27,178,558	0.0544	0.9939	0.0541
1994	33,234,074	0.0731	0.9908	0.0725	31,121,608	0.0680	0.9939	0.0676
1995	26,875,735	0.0651	0.9908	0.0645	28,178,803	0.0676	0.9939	0.0671
1996	36,848,568	0.0899	0.9908	0.0891	30,399,057	0.0747	0.9939	0.0742
1997	34,834,915	0.0824	0.9908	0.0817	32,206,040	0.0760	0.9939	0.0756
1998	37,611,837	0.0841	0.9908	0.0833	33,471,074	0.0748	0.9939	0.0744
1999	36,194,183	0.0765	0.9908	0.0758	32,696,728	0.0691	0.9939	0.0687
2000	31,951,612	0.0637	0.9908	0.0631	29,692,558	0.0589	0.9939	0.0585
2001	26,309,951	0.0536	0.9908	0.0531	24,988,511	0.0507	0.9939	0.0504
2002	40,042,211	0.0747	0.9908	0.0740	37,939,280	0.0701	0.9939	0.0697
2003	32,976,976	0.0586	0.9908	0.0582	30,704,988	0.0553	0.9939	0.0550
2004	45,015,774	0.0739	0.9908	0.0733	39,338,954	0.0646	0.9939	0.0642
2005	48,716,430	0.0779	0.9908	0.0772	42,459,179	0.0677	0.9939	0.0673
2006	51,067,838	0.0803	0.9908	0.0796	46,626,664	0.0728	0.9939	0.0724
2007	53,039,006	0.0777	0.9908	0.0770	43,056,846	0.0632	0.9939	0.0628
2008	45,193,084	0.0731	0.9908	0.0724	42,692,461	0.0685	0.9939	0.0680
2009	48,762,417	0.0852	0.9908	0.0845	39,123,838	0.0685	0.9939	0.0681
2010	71,741,620	0.1134	0.9908	0.1123	64,038,734	0.1006	0.9939	0.1000
2011	72,215,122	0.1142	0.9908	0.1132	47,717,771	0.0761	0.9939	0.0756
2012	80,721,681	0.1416	0.9908	0.1403	60,887,724	0.1043	0.9939	0.1036
2013	162,998,585	0.2821	0.9908	0.2795	108,317,331	0.1728	0.9939	0.1717
2014	136,061,875	0.5242	0.9908	0.5194	147,547,225	0.2581	0.9939	0.2565
2015					135,505,716	0.5431	0.9926	0.5391

† FROM PA 4/1/18 REVISION - EXHIBIT 5  
 □ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 13 V. 14 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 13 V. 14 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/14	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/15	MEDICAL INCURRED LOSSES AS OF 12/31/15 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 14-15 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13)+ (7)*(1-(11))	(22) = (17)+ ((5)*(20)) / ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1986	2,607,507,329	2,605,511,868	0.0051	0.7001	0.7001	0.9999
1986	458,856,906	458,233,952	0.0038	0.7216	0.7214	0.9997
1987	594,098,553	594,939,900	0.0048	0.7453	0.7459	1.0007
1988	698,179,876	697,660,663	0.0048	0.7638	0.7638	1.0000
1989	817,595,024	823,540,434	0.0063	0.7858	0.7875	1.0022
1990	834,212,015	836,541,468	0.0048	0.8016	0.8023	1.0009
1991	757,997,434	760,429,316	0.0052	0.8237	0.8245	1.0009
1992	654,069,721	654,832,745	0.0080	0.8453	0.8457	1.0005
1993	496,439,224	499,197,070	0.0088	0.8621	0.8630	1.0011
1994	454,361,938	457,416,629	0.0113	0.8822	0.8832	1.0012
1995	413,018,782	417,145,753	0.0068	0.8970	0.8982	1.0013
1996	409,699,200	406,996,612	0.0092	0.9148	0.9146	0.9998
1997	422,673,546	423,566,224	0.0083	0.9287	0.9291	1.0005
1998	447,273,640	447,186,373	0.0091	0.9437	0.9440	1.0003
1999	473,311,600	473,108,289	0.0070	0.9570	0.9573	1.0003
2000	501,899,355	504,393,517	0.0094	0.9700	0.9703	1.0004
2001	491,190,493	492,948,487	0.0062	0.9824	0.9826	1.0002
2002	536,248,616	541,111,665	0.0129	0.9944	0.9947	1.0003
2003	551,631,651	555,014,749	0.0102	1.0056	1.0058	1.0002
2004	608,828,996	609,401,814	0.0103	1.0154	1.0156	1.0003
2005	625,438,461	627,308,587	0.0130	1.0243	1.0245	1.0002
2006	635,745,338	640,282,315	0.0140	1.0313	1.0314	1.0001
2007	682,636,410	681,513,264	0.0130	1.0356	1.0360	1.0004
2008	618,561,454	623,656,292	0.0122	1.0322	1.0322	1.0000
2009	572,028,976	570,794,727	0.0147	1.0039	1.0042	1.0004
2010	632,686,243	636,257,336	0.0177	0.9908	0.9913	1.0005
2011	632,258,720	627,191,577	0.0310	0.9908	0.9913	1.0005
2012	569,995,531	583,852,805	0.0577	0.9908	0.9917	1.0009
2013	577,788,944	627,007,799	0.1657	0.9908	0.9929	1.0021
2014	259,561,425	571,734,911	0.5259	0.9908	0.9964	1.0057
2015		249,508,896	0.4569		0.9960	

□ □ □ CONSISTENT WITH 14@1ST, 13@2ND, 12@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/14	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/15	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2015 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/14	REPORTED MEDICAL CASE RESERVES AS OF 12/31/15
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	2,607,507,329	2,605,511,868	(1,995,461)	13,196,276	127,066,619	111,874,882
1986	458,856,906	458,233,952				
		INCURRED LOSSES WEIGHT	1986 INCURRED LOSSES ADJUSTMENT FACTOR	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) 1986 + (26) Prior to 1986	(31) = (24) 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	456,861,445	1.0044	0.7216	0.7248		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.02888	1.0000	0.02888			
	CASE RESERVES AS OF 12/31/14 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/14 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1986	0.2781	0.9908	0.2756	0.2449	0.9939	0.2434 -0.0322
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7215	0.9998				



TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 15 V. 16 VALUATION TO POST-HB 1846

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/15	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/16	CALENDAR YEAR 2016 PAID LOSSES	CALENDAR YEAR 2016 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2016 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES 15-16 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1986	2,482,560,653	2,494,067,926	11,507,273	0.0046	1.0000	0.0046	0.6869	0.6883	1.0021
1986	434,812,680	437,485,304	2,672,624	0.0061	1.0000	0.0061	0.7104	0.7122	1.0025
1987	553,243,939	556,629,237	3,385,298	0.0061	1.0000	0.0061	0.7321	0.7337	1.0022
1988	653,976,979	656,831,505	2,854,526	0.0043	1.0000	0.0043	0.7530	0.7541	1.0014
1989	763,750,525	769,682,451	5,931,926	0.0077	1.0000	0.0077	0.7752	0.7769	1.0022
1990	784,476,331	789,266,625	4,790,294	0.0061	1.0000	0.0061	0.7943	0.7955	1.0016
1991	701,642,963	705,032,059	3,389,096	0.0048	1.0000	0.0048	0.8153	0.8162	1.0011
1992	593,192,541	599,047,668	5,855,127	0.0098	1.0000	0.0098	0.8370	0.8386	1.0019
1993	452,747,820	455,858,968	3,111,148	0.0068	1.0000	0.0068	0.8555	0.8565	1.0012
1994	408,140,185	412,587,298	4,447,113	0.0108	1.0000	0.0108	0.8751	0.8765	1.0015
1995	368,661,118	370,877,268	2,216,150	0.0060	1.0000	0.0060	0.8913	0.8920	1.0007
1996	351,435,046	355,171,183	3,736,137	0.0105	1.0000	0.0105	0.9082	0.9092	1.0011
1997	370,650,503	374,574,800	3,924,297	0.0105	1.0000	0.0105	0.9238	0.9246	1.0009
1998	380,042,878	383,323,874	3,280,996	0.0086	1.0000	0.0086	0.9399	0.9404	1.0005
1999	414,098,380	417,270,757	3,172,377	0.0076	1.0000	0.0076	0.9545	0.9549	1.0004
2000	432,801,853	436,202,162	3,400,309	0.0078	1.0000	0.0078	0.9688	0.9691	1.0003
2001	428,418,857	432,290,249	3,871,392	0.0090	1.0000	0.0090	0.9820	0.9822	1.0002
2002	460,652,171	467,498,738	6,846,567	0.0146	1.0000	0.0146	0.9948	0.9948	1.0001
2003	473,404,280	478,522,773	5,118,493	0.0107	1.0000	0.0107	1.0064	1.0064	0.9999
2004	529,262,504	534,398,455	5,135,951	0.0096	1.0000	0.0096	1.0171	1.0170	0.9998
2005	545,445,868	550,861,582	5,415,714	0.0099	1.0000	0.0099	1.0267	1.0264	0.9997
2006	557,059,337	565,480,650	8,421,313	0.0149	1.0000	0.0149	1.0349	1.0338	0.9985
2007	601,294,426	609,961,927	8,667,501	0.0142	1.0000	0.0142	1.0388	1.0383	0.9985
2008	544,493,936	550,685,761	6,191,825	0.0112	1.0000	0.0112	1.0350	1.0346	0.9996
2009	493,700,065	500,328,875	6,628,810	0.0132	1.0000	0.0132	1.0050	1.0049	0.9999
2010	537,833,877	546,206,076	8,372,199	0.0153	1.0000	0.0153	0.9910	0.9911	1.0001
2011	530,431,055	539,753,746	9,322,691	0.0173	1.0000	0.0173	0.9911	0.9913	1.0002
2012	454,902,245	471,695,806	16,793,561	0.0356	1.0000	0.0356	0.9914	0.9917	1.0003
2013	444,689,648	478,949,735	34,260,087	0.0715	1.0000	0.0715	0.9926	0.9932	1.0005
2014	364,351,224	459,133,563	94,782,339	0.2604	1.0000	0.2604	0.9973	0.9979	1.0006
2015	98,517,819	328,844,337	230,326,518	0.7004	1.0000	0.7004	1.0000	1.0000	1.0000
2016		88,515,806	88,515,806	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

  

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES						
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/15	REPORTED MEDICAL CASE RESERVES AS OF 12/31/15 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/15 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	REPORTED MEDICAL CASE RESERVES AS OF 12/31/16 WEIGHTS	AVERAGE RESERVE LEVEL
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)
PRIOR TO 1986	110,775,045	0.0427	0.9939	0.0425	103,505,323	0.0398	0.9969
1986	17,623,819	0.0390	0.9939	0.0387	17,695,796	0.0389	0.9969
1987	29,449,530	0.0505	0.9939	0.0502	26,512,953	0.0455	0.9969
1988	30,672,367	0.0448	0.9939	0.0445	28,604,423	0.0417	0.9969
1989	45,830,339	0.0566	0.9939	0.0563	43,997,712	0.0541	0.9969
1990	32,299,262	0.0395	0.9939	0.0393	31,016,891	0.0378	0.9969
1991	38,574,662	0.0521	0.9939	0.0518	34,297,580	0.0464	0.9969
1992	35,150,796	0.0559	0.9939	0.0556	31,547,717	0.0500	0.9969
1993	25,121,575	0.0526	0.9939	0.0522	24,302,944	0.0506	0.9969
1994	29,033,226	0.0664	0.9939	0.0660	26,524,330	0.0604	0.9969
1995	27,498,243	0.0694	0.9939	0.0690	24,867,482	0.0628	0.9969
1996	29,206,075	0.0767	0.9939	0.0763	27,480,607	0.0718	0.9969
1997	31,760,918	0.0789	0.9939	0.0784	29,690,943	0.0734	0.9969
1998	31,573,027	0.0767	0.9939	0.0762	28,579,956	0.0694	0.9969
1999	31,561,799	0.0708	0.9939	0.0704	29,777,361	0.0666	0.9969
2000	28,201,063	0.0612	0.9939	0.0608	26,843,167	0.0580	0.9969
2001	24,147,830	0.0534	0.9939	0.0530	21,041,943	0.0464	0.9969
2002	35,930,284	0.0724	0.9939	0.0719	30,565,277	0.0614	0.9969
2003	28,486,531	0.0568	0.9939	0.0564	26,761,312	0.0530	0.9969
2004	37,611,379	0.0663	0.9939	0.0659	32,132,344	0.0567	0.9969
2005	41,434,804	0.0706	0.9939	0.0702	40,876,858	0.0691	0.9969
2006	45,080,588	0.0749	0.9939	0.0744	39,077,730	0.0646	0.9969
2007	42,202,040	0.0656	0.9939	0.0652	37,508,642	0.0579	0.9969
2008	40,439,340	0.0691	0.9939	0.0687	33,580,642	0.0575	0.9969
2009	37,291,343	0.0702	0.9939	0.0698	39,191,403	0.0726	0.9969
2010	63,928,146	0.1062	0.9939	0.1056	54,552,196	0.0908	0.9969
2011	46,321,619	0.0803	0.9939	0.0798	41,854,302	0.0720	0.9969
2012	57,272,899	0.1118	0.9939	0.1111	42,658,853	0.0829	0.9969
2013	102,300,034	0.1870	0.9939	0.1859	78,578,627	0.1409	0.9969
2014	135,201,558	0.2706	0.9939	0.2690	75,541,433	0.1413	0.9969
2015	118,084,208	0.5452	0.9926	0.5411	140,572,175	0.2995	0.9963
2016					111,501,913	0.5575	0.9957

† FROM PA 4/1/19 REVISION - EXHIBIT 5  
 □ = COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 14 V. 15 VALUATION)  
 ■ = COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 14 V. 15 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/15	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/16	MEDICAL INCURRED LOSSES AS OF 12/31/16 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 15-16 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-(11)))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)*(15)))	(23) = (22) / (21)
PRIOR TO 1986	2,593,335,698	2,597,573,249	0.0044	0.7000	0.7006	1.0009
1986	452,436,499	455,181,100	0.0059	0.7214	0.7232	1.0025
1987	582,693,469	583,142,190	0.0058	0.7453	0.7457	1.0005
1988	684,649,346	685,435,928	0.0042	0.7638	0.7642	1.0005
1989	809,580,864	813,680,163	0.0073	0.7876	0.7888	1.0016
1990	816,775,593	820,283,516	0.0058	0.8022	0.8031	1.0012
1991	740,217,625	739,329,639	0.0046	0.8246	0.8245	1.0000
1992	628,343,337	630,595,385	0.0093	0.8457	0.8465	1.0009
1993	477,869,395	480,161,912	0.0065	0.8628	0.8636	1.0009
1994	437,173,411	439,111,628	0.0101	0.8830	0.8838	1.0008
1995	396,159,361	395,744,750	0.0056	0.8984	0.8985	1.0001
1996	380,641,121	382,651,790	0.0098	0.9148	0.9155	1.0008
1997	402,411,421	404,265,743	0.0097	0.9293	0.9299	1.0006
1998	411,615,905	411,903,830	0.0090	0.9441	0.9444	1.0003
1999	445,860,179	447,048,118	0.0071	0.9573	0.9577	1.0004
2000	461,002,916	463,045,349	0.0073	0.9704	0.9707	1.0003
2001	452,566,687	453,332,192	0.0085	0.9827	0.9829	1.0002
2002	496,582,455	498,064,015	0.0137	0.9947	0.9950	1.0003
2003	501,890,811	505,284,085	0.0101	1.0057	1.0059	1.0001
2004	566,873,883	566,530,799	0.0091	1.0156	1.0158	1.0002
2005	586,880,672	591,768,440	0.0092	1.0244	1.0244	1.0000
2006	602,139,925	604,558,380	0.0139	1.0313	1.0314	1.0001
2007	643,496,466	647,470,569	0.0134	1.0359	1.0359	1.0000
2008	584,933,276	584,266,403	0.0106	1.0322	1.0325	1.0003
2009	530,991,408	539,520,278	0.0123	1.0042	1.0043	1.0001
2010	601,782,023	600,758,272	0.0139	0.9913	0.9916	1.0004
2011	576,752,674	581,608,048	0.0160	0.9913	0.9917	1.0003
2012	512,175,144	514,354,659	0.0326	0.9917	0.9921	1.0005
2013	546,989,682	557,528,362	0.0614	0.9929	0.9937	1.0008
2014	499,552,782	534,674,996	0.1773	0.9964	0.9977	1.0013
2015	216,602,027	469,416,512	0.4907	0.9960	0.9989	1.0029
2016		200,017,719	0.4425		0.9976	

□ □ □ CONSISTENT WITH 15@1ST, 14@2ND, 13@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/15	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/16	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2016 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/15	REPORTED MEDICAL CASE RESERVES AS OF 12/31/16
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1986	2,593,335,698	2,597,573,249	4,237,551	11,507,273	110,775,045	103,505,323
1986	452,436,499	455,181,100				
		INCURRED LOSSES WEIGHT	1986 INCURRED LOSSES ADJUSTMENT FACTOR	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) / (25)	(31) = (24) / (25)	(32) = (26) / (25)	(33) = (27) * (32)		
PRIOR TO 1986	456,674,050	0.9907	0.7214	0.7147		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.02520	1.0000	0.02520			
	CASE RESERVES AS OF 12/31/15 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/15 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41)      (43) = (42) - (39)
PRIOR TO 1986	0.2426	0.9939	0.2411	0.2267	0.9969	0.2259      -0.0151
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1986	0.7248	1.0047				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 16 V. 17 VALUATION TO POST-HB 1846

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/16	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/17	CALENDAR YEAR 2017 PAID LOSSES	CALENDAR YEAR 2017 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2017 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	16-17 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1987	2,852,508,996	2,865,364,138	12,855,142	0.0045	1,0000	0.0045	0.6919	0.6933	1.0020
1987	558,083,130	561,896,918	3,813,788	0.0068	1,0000	0.0068	0.7337	0.7355	1.0025
1988	658,374,121	660,814,268	2,440,147	0.0037	1,0000	0.0037	0.7541	0.7550	1.0012
1989	769,992,934	775,334,622	5,341,688	0.0069	1,0000	0.0069	0.7769	0.7785	1.0020
1990	793,862,321	797,733,320	3,870,999	0.0049	1,0000	0.0049	0.7955	0.7965	1.0012
1991	704,394,383	708,009,464	3,615,081	0.0051	1,0000	0.0051	0.8162	0.8171	1.0012
1992	601,521,512	605,737,370	4,215,858	0.0070	1,0000	0.0070	0.8386	0.8397	1.0013
1993	457,997,327	461,654,636	3,657,309	0.0079	1,0000	0.0079	0.8565	0.8576	1.0013
1994	420,996,132	425,455,796	4,459,664	0.0105	1,0000	0.0105	0.8765	0.8778	1.0015
1995	381,141,540	384,815,165	3,673,625	0.0095	1,0000	0.0095	0.8920	0.8930	1.0012
1996	369,622,623	372,956,810	3,334,187	0.0089	1,0000	0.0089	0.9092	0.9100	1.0009
1997	382,193,738	385,470,165	3,276,427	0.0085	1,0000	0.0085	0.9246	0.9252	1.0007
1998	392,978,543	396,018,579	3,040,036	0.0077	1,0000	0.0077	0.9404	0.9409	1.0005
1999	423,268,578	426,036,895	2,768,317	0.0065	1,0000	0.0065	0.9549	0.9552	1.0003
2000	446,435,730	450,062,990	3,627,260	0.0081	1,0000	0.0081	0.9691	0.9693	1.0003
2001	451,920,242	454,441,154	2,520,912	0.0055	1,0000	0.0055	0.9822	0.9823	1.0001
2002	503,287,272	508,706,870	5,419,598	0.0107	1,0000	0.0107	0.9948	0.9949	1.0001
2003	517,039,772	521,291,037	4,251,265	0.0082	1,0000	0.0082	1.0064	1.0063	0.9999
2004	560,578,383	564,969,017	4,390,634	0.0078	1,0000	0.0078	1.0170	1.0169	0.9999
2005	573,334,733	579,361,460	6,026,727	0.0104	1,0000	0.0104	1.0264	1.0262	0.9997
2006	582,099,477	587,794,163	5,694,686	0.0097	1,0000	0.0097	1.0338	1.0335	0.9997
2007	628,590,349	635,934,040	7,343,691	0.0115	1,0000	0.0115	1.0383	1.0378	0.9996
2008	669,861,514	675,279,188	5,417,674	0.0098	1,0000	0.0098	1.0346	1.0343	0.9997
2009	513,110,128	519,069,795	5,959,667	0.0115	1,0000	0.0115	1.0049	1.0049	0.9999
2010	554,026,403	561,840,000	7,813,597	0.0139	1,0000	0.0139	0.9911	0.9912	1.0001
2011	551,148,855	559,203,979	8,055,124	0.0144	1,0000	0.0144	0.9913	0.9914	1.0001
2012	496,739,402	504,503,337	7,763,935	0.0154	1,0000	0.0154	0.9917	0.9918	1.0001
2013	501,007,048	515,950,636	14,943,588	0.0290	1,0000	0.0290	0.9932	0.9934	1.0002
2014	482,344,634	512,556,599	30,211,965	0.0589	1,0000	0.0589	0.9979	0.9980	1.0001
2015	356,952,744	445,729,284	88,776,540	0.1992	1,0000	0.1992	1.0000	1.0000	1.0000
2016	98,992,709	358,158,805	259,166,096	0.7236	1,0000	0.7236	1.0000	1.0000	1.0000
2017		104,688,644	104,688,644	1.0000	1,0000	1.0000		1.0000	

  

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	REPORTED MEDICAL CASE RESERVES AS OF 12/31/16 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/16 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	REPORTED MEDICAL CASE RESERVES AS OF 12/31/17 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/17 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1987	119,583,088	0.0402	0.9969	0.0401	109,560,156	0.0368	1.0000	0.0368
1987	28,242,665	0.0482	0.9969	0.0480	32,309,993	0.0544	1.0000	0.0544
1988	29,370,830	0.0427	0.9969	0.0426	25,818,873	0.0376	1.0000	0.0376
1989	44,054,407	0.0541	0.9969	0.0539	39,513,872	0.0485	1.0000	0.0485
1990	30,819,001	0.0374	0.9969	0.0373	28,026,557	0.0339	1.0000	0.0339
1991	34,894,229	0.0472	0.9969	0.0471	32,436,740	0.0438	1.0000	0.0438
1992	31,999,889	0.0505	0.9969	0.0504	28,061,032	0.0443	1.0000	0.0443
1993	26,175,220	0.0541	0.9969	0.0539	23,900,166	0.0492	1.0000	0.0492
1994	28,696,654	0.0638	0.9969	0.0636	25,275,828	0.0561	1.0000	0.0561
1995	25,550,240	0.0628	0.9969	0.0626	22,398,612	0.0550	1.0000	0.0550
1996	28,852,085	0.0724	0.9969	0.0722	28,320,809	0.0706	1.0000	0.0706
1997	29,735,038	0.0722	0.9969	0.0720	25,661,584	0.0624	1.0000	0.0624
1998	27,402,183	0.0652	0.9969	0.0650	30,337,483	0.0712	1.0000	0.0712
1999	28,860,354	0.0638	0.9969	0.0636	25,320,352	0.0561	1.0000	0.0561
2000	28,298,244	0.0596	0.9969	0.0594	25,781,534	0.0542	1.0000	0.0542
2001	21,732,841	0.0459	0.9969	0.0457	19,915,462	0.0420	1.0000	0.0420
2002	32,656,845	0.0609	0.9969	0.0607	30,168,416	0.0560	1.0000	0.0560
2003	29,262,346	0.0536	0.9969	0.0534	27,460,578	0.0500	1.0000	0.0500
2004	33,591,708	0.0565	0.9969	0.0564	31,032,825	0.0521	1.0000	0.0521
2005	41,663,547	0.0677	0.9969	0.0675	40,102,749	0.0647	1.0000	0.0647
2006	39,915,011	0.0642	0.9969	0.0640	37,075,965	0.0593	1.0000	0.0593
2007	38,103,818	0.0572	0.9969	0.0570	32,152,036	0.0481	1.0000	0.0481
2008	35,506,232	0.0587	0.9969	0.0585	28,400,526	0.0470	1.0000	0.0470
2009	38,944,052	0.0705	0.9969	0.0703	31,281,603	0.0568	1.0000	0.0568
2010	48,079,403	0.0799	0.9969	0.0796	45,010,137	0.0742	1.0000	0.0742
2011	42,568,251	0.0717	0.9969	0.0715	39,341,213	0.0657	1.0000	0.0657
2012	44,184,145	0.0817	0.9969	0.0814	52,847,464	0.0948	1.0000	0.0948
2013	78,866,771	0.1360	0.9969	0.1356	62,130,447	0.1075	1.0000	0.1075
2014	73,246,739	0.1318	0.9969	0.1314	54,032,547	0.0954	1.0000	0.0954
2015	148,312,846	0.2935	0.9963	0.2924	83,125,820	0.1572	1.0000	0.1572
2016	124,686,473	0.5574	0.9957	0.5550	132,534,366	0.2701	1.0000	0.2701
2017					143,330,881	0.5779	1.0000	0.5779

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 15 V. 16 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 15 V. 16 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/16	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/17	MEDICAL INCURRED LOSSES AS OF 12/31/17 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 16-17 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-11))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1987	2,972,092,084	2,974,924,294	0.0043	0.7041	0.7046	1.0006
1987	586,325,795	594,206,911	0.0064	0.7464	0.7499	1.0047
1988	687,744,951	686,633,141	0.0036	0.7644	0.7642	0.9997
1989	814,047,341	814,848,494	0.0066	0.7888	0.7892	1.0005
1990	824,681,322	825,759,877	0.0047	0.8031	0.8034	1.0005
1991	739,288,612	740,446,204	0.0049	0.8247	0.8251	1.0005
1992	633,521,401	633,798,402	0.0067	0.8466	0.8468	1.0003
1993	484,172,547	485,554,802	0.0075	0.8641	0.8646	1.0006
1994	449,692,786	450,731,624	0.0099	0.8842	0.8846	1.0005
1995	406,691,780	407,213,777	0.0090	0.8985	0.8989	1.0004
1996	398,474,708	401,277,619	0.0083	0.9155	0.9163	1.0009
1997	411,926,776	411,131,749	0.0080	0.9298	0.9299	1.0001
1998	420,380,726	426,356,062	0.0071	0.9441	0.9451	1.0010
1999	452,129,932	451,357,247	0.0061	0.9576	0.9577	1.0001
2000	474,733,974	475,844,524	0.0076	0.9707	0.9710	1.0003
2001	473,653,083	474,356,616	0.0053	0.9829	0.9830	1.0002
2002	535,944,117	538,875,286	0.0101	0.9950	0.9952	1.0002
2003	546,302,118	548,751,615	0.0077	1.0059	1.0060	1.0001
2004	594,170,091	596,001,842	0.0074	1.0158	1.0160	1.0001
2005	614,998,280	619,464,209	0.0097	1.0244	1.0245	1.0000
2006	622,014,488	624,870,128	0.0091	1.0314	1.0315	1.0001
2007	666,694,167	668,086,076	0.0110	1.0359	1.0360	1.0001
2008	605,167,746	603,679,714	0.0093	1.0324	1.0327	1.0003
2009	552,054,180	550,351,398	0.0108	1.0044	1.0046	1.0002
2010	602,105,806	606,850,137	0.0129	0.9916	0.9919	1.0003
2011	593,717,106	598,545,192	0.0135	0.9917	0.9920	1.0003
2012	540,923,547	557,350,801	0.0139	0.9921	0.9926	1.0005
2013	579,873,819	578,081,083	0.0259	0.9937	0.9941	1.0004
2014	555,591,373	566,589,146	0.0533	0.9977	0.9982	1.0004
2015	505,265,590	528,855,104	0.1679	0.9989	1.0000	1.0011
2016	223,679,182	490,693,171	0.5282	0.9976	1.0000	1.0024
2017		248,019,525	0.4221		1.0000	

□ □ □ CONSISTENT WITH 16@1ST, 15@2ND, 14@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/16 (24)	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/17 (25)	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2017 PAID LOSSES (27)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/16 (28)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/17 (29)
PRIOR TO 1987	2,972,092,084	2,974,924,294	2,832,210	12,855,142	119,583,088	109,560,156
1987	586,325,795	594,206,911				
		INCURRED LOSSES WEIGHT (31) = (24) 1987 / (30)	1987 INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1987 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
PRIOR TO 1987	589,158,005	0.9952	0.7464	0.7428		
		AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1987	0.02182	1.0000	0.02182			
	CASE RESERVES AS OF 12/31/16 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/16 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1987	0.2030	0.9969	0.2023	0.1860	1.0000	0.1860 -0.0164
		PRIOR TO 1987 LDF ADJUSTMENT FACTOR (45) = (44) / (32)				
PRIOR TO 1987	0.7483	1.0025				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 17 V. 18 VALUATION TO POST-HB 1846

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/17	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/18	CALENDAR YEAR 2018 PAID LOSSES	CALENDAR YEAR 2018 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2018 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	17-18 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1988	3,503,703.527	3,520,229.159	16,525.632	0.0047	1.0000	0.0047	0.7002	0.7016	1.0020
1988	669,736.322	672,490.387	2,754.065	0.0041	1.0000	0.0041	0.7550	0.7560	1.0013
1989	786,864.556	792,278.318	5,413.762	0.0068	1.0000	0.0068	0.7785	0.7800	1.0019
1990	809,487.235	813,425.253	3,938.018	0.0048	1.0000	0.0048	0.7965	0.7975	1.0012
1991	724,711.846	728,151.711	3,439.865	0.0047	1.0000	0.0047	0.8171	0.8180	1.0011
1992	623,411.603	627,024.489	3,612.886	0.0058	1.0000	0.0058	0.8397	0.8406	1.0011
1993	475,964.788	479,527.352	3,562.564	0.0074	1.0000	0.0074	0.8576	0.8587	1.0012
1994	434,701.113	438,492.704	3,791.591	0.0086	1.0000	0.0086	0.8778	0.8788	1.0012
1995	394,454.549	397,529.791	3,075.242	0.0077	1.0000	0.0077	0.8930	0.8938	1.0009
1996	382,997.117	386,767.077	3,769.960	0.0097	1.0000	0.0097	0.9100	0.9109	1.0010
1997	397,274.854	401,791.819	4,516.965	0.0112	1.0000	0.0112	0.9252	0.9260	1.0009
1998	418,420.105	421,568.549	3,148.444	0.0075	1.0000	0.0075	0.9409	0.9413	1.0005
1999	443,916.501	447,913.278	3,996.777	0.0089	1.0000	0.0089	0.9552	0.9556	1.0004
2000	471,162.705	475,316.653	4,153.948	0.0087	1.0000	0.0087	0.9693	0.9696	1.0003
2001	463,276.978	466,805.835	3,528.857	0.0076	1.0000	0.0076	0.9823	0.9824	1.0001
2002	509,637.289	516,180.502	6,543.213	0.0127	1.0000	0.0127	0.9949	0.9950	1.0001
2003	519,114.058	523,820.481	4,706.423	0.0090	1.0000	0.0090	1.0063	1.0063	0.9999
2004	557,600.830	562,925.870	5,325.040	0.0095	1.0000	0.0095	1.0169	1.0167	0.9998
2005	568,962.766	576,286.952	7,324.186	0.0127	1.0000	0.0127	1.0262	1.0258	0.9997
2006	576,052.821	586,085.243	10,032.422	0.0137	1.0000	0.0137	1.0335	1.0330	0.9996
2007	624,092.709	630,001.631	5,908.922	0.0094	1.0000	0.0094	1.0378	1.0375	0.9997
2008	664,390.015	669,408.613	5,018.598	0.0088	1.0000	0.0088	1.0343	1.0340	0.9997
2009	608,631.881	611,931.101	3,299.220	0.0064	1.0000	0.0064	1.0049	1.0048	1.0000
2010	549,991.195	556,220.408	6,229.213	0.0112	1.0000	0.0112	0.9912	0.9913	1.0001
2011	547,754.215	551,976.514	4,222.299	0.0076	1.0000	0.0076	0.9914	0.9915	1.0001
2012	494,157.688	500,013.193	5,855.505	0.0117	1.0000	0.0117	0.9918	0.9919	1.0001
2013	510,961.553	515,487.813	4,526.260	0.0088	1.0000	0.0088	0.9934	0.9934	1.0001
2014	514,819.643	524,118.927	9,299.284	0.0177	1.0000	0.0177	0.9980	0.9980	1.0000
2015	453,886.620	481,105.405	27,218.785	0.0566	1.0000	0.0566	1.0000	1.0000	1.0000
2016	361,319.804	449,702.385	88,382.581	0.1965	1.0000	0.1965	1.0000	1.0000	1.0000
2017	106,748.784	399,256.841	292,508.057	0.7326	1.0000	0.7326	1.0000	1.0000	1.0000
2018		125,269.760	125,269.760	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

  

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	REPORTED MEDICAL CASE RESERVES AS OF 12/31/17 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/17 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	REPORTED MEDICAL CASE RESERVES AS OF 12/31/18 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/18 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1988	144,791.770	0.0397	1.0000	0.0397	144,531.105	0.0394	1.0000	0.0394
1988	25,884.134	0.0372	1.0000	0.0372	24,787.642	0.0355	1.0000	0.0355
1989	39,619.943	0.0479	1.0000	0.0479	37,471.257	0.0452	1.0000	0.0452
1990	29,975.738	0.0357	1.0000	0.0357	27,179.587	0.0323	1.0000	0.0323
1991	32,476.574	0.0429	1.0000	0.0429	30,507.701	0.0402	1.0000	0.0402
1992	28,593.311	0.0439	1.0000	0.0439	26,231.662	0.0402	1.0000	0.0402
1993	23,938.537	0.0479	1.0000	0.0479	18,700.249	0.0375	1.0000	0.0375
1994	25,328.520	0.0551	1.0000	0.0551	25,134.867	0.0542	1.0000	0.0542
1995	22,474.729	0.0539	1.0000	0.0539	21,121.121	0.0505	1.0000	0.0505
1996	28,392.184	0.0690	1.0000	0.0690	25,777.810	0.0625	1.0000	0.0625
1997	25,853.310	0.0611	1.0000	0.0611	22,918.881	0.0540	1.0000	0.0540
1998	33,129.714	0.0734	1.0000	0.0734	31,922.014	0.0704	1.0000	0.0704
1999	27,555.718	0.0584	1.0000	0.0584	24,081.583	0.0510	1.0000	0.0510
2000	25,962.680	0.0522	1.0000	0.0522	25,725.355	0.0513	1.0000	0.0513
2001	19,985.627	0.0414	1.0000	0.0414	17,214.623	0.0356	1.0000	0.0356
2002	30,195.575	0.0559	1.0000	0.0559	34,168.544	0.0621	1.0000	0.0621
2003	26,222.644	0.0481	1.0000	0.0481	25,312.965	0.0461	1.0000	0.0461
2004	31,000.304	0.0527	1.0000	0.0527	31,703.988	0.0533	1.0000	0.0533
2005	37,850.335	0.0624	1.0000	0.0624	33,490.690	0.0549	1.0000	0.0549
2006	37,003.632	0.0602	1.0000	0.0602	33,647.041	0.0543	1.0000	0.0543
2007	29,635.323	0.0453	1.0000	0.0453	25,776.959	0.0393	1.0000	0.0393
2008	27,896.696	0.0471	1.0000	0.0471	24,958.936	0.0420	1.0000	0.0420
2009	31,354.051	0.0581	1.0000	0.0581	27,444.030	0.0509	1.0000	0.0509
2010	44,886.313	0.0755	1.0000	0.0755	43,887.619	0.0731	1.0000	0.0731
2011	39,655.305	0.0675	1.0000	0.0675	35,828.708	0.0610	1.0000	0.0610
2012	53,475.374	0.0976	1.0000	0.0976	47,767.872	0.0872	1.0000	0.0872
2013	61,982.505	0.1082	1.0000	0.1082	49,800.297	0.0881	1.0000	0.0881
2014	53,782.755	0.0946	1.0000	0.0946	45,508.711	0.0799	1.0000	0.0799
2015	84,203.691	0.1565	1.0000	0.1565	56,944.134	0.1058	1.0000	0.1058
2016	133,157.067	0.2693	1.0000	0.2693	67,810.217	0.1310	1.0000	0.1310
2017	145,049.964	0.5761	1.0000	0.5761	151,234.028	0.2747	1.0000	0.2747
2018					166,437.373	0.5706	1.0000	0.5706

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 16 V. 17 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 16 V. 17 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/17	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/18	MEDICAL INCURRED LOSSES AS OF 12/31/18 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 17-18 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + (7)*(1-(11))	(22) = (17) + (5)*(20) + (7)*(1-(20)*(15))	(23) = (22) / (21)
PRIOR TO 1988	3,648,495,297	3,664,760,264	0.0045	0.7121	0.7134	1.0018
1988	695,620,456	697,278,029	0.0039	0.7641	0.7646	1.0007
1989	826,484,499	829,749,575	0.0065	0.7891	0.7899	1.0011
1990	839,462,973	840,604,840	0.0047	0.8038	0.8041	1.0003
1991	757,188,420	758,659,412	0.0045	0.8249	0.8253	1.0004
1992	652,004,914	653,256,151	0.0055	0.8467	0.8470	1.0003
1993	499,903,325	498,227,601	0.0072	0.8645	0.8640	0.9995
1994	460,029,633	463,627,571	0.0082	0.8845	0.8854	1.0010
1995	416,929,278	418,650,912	0.0073	0.8988	0.8992	1.0005
1996	411,389,301	412,544,887	0.0091	0.9162	0.9164	1.0003
1997	423,128,164	424,710,700	0.0106	0.9298	0.9300	1.0003
1998	451,549,819	453,490,563	0.0069	0.9452	0.9455	1.0002
1999	471,472,219	471,994,861	0.0085	0.9578	0.9579	1.0000
2000	497,125,385	501,042,008	0.0083	0.9709	0.9712	1.0002
2001	483,262,605	484,020,458	0.0073	0.9830	0.9830	1.0000
2002	539,832,864	550,349,046	0.0119	0.9952	0.9953	1.0001
2003	545,336,702	549,133,446	0.0086	1.0060	1.0060	1.0000
2004	588,601,134	594,629,858	0.0090	1.0160	1.0158	0.9998
2005	606,813,101	609,777,642	0.0120	1.0245	1.0244	0.9999
2006	615,056,453	619,732,284	0.0130	1.0315	1.0312	0.9998
2007	653,728,032	655,778,590	0.0090	1.0361	1.0360	0.9999
2008	592,286,711	594,367,549	0.0084	1.0327	1.0326	0.9999
2009	539,985,932	539,375,131	0.0061	1.0046	1.0046	1.0000
2010	594,877,508	600,108,027	0.0104	0.9919	0.9920	1.0001
2011	587,409,520	587,905,222	0.0072	0.9920	0.9920	1.0000
2012	547,633,062	547,781,065	0.0107	0.9826	0.9826	1.0000
2013	572,944,058	565,288,110	0.0080	0.9841	0.9840	0.9999
2014	568,602,398	569,627,638	0.0163	0.9982	0.9982	1.0000
2015	538,090,311	538,049,539	0.0506	1.0000	1.0000	1.0000
2016	494,476,871	517,512,602	0.1708	1.0000	1.0000	1.0000
2017	251,798,748	550,490,869	0.5314	1.0000	1.0000	1.0000
2018		291,707,133	0.4294		1.0000	

□ □ □ CONSISTENT WITH 17@1ST, 16@2ND, 15@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/17 (24)	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/18 (25)	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2018 PAID LOSSES (27)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/17 (28)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/18 (29)
PRIOR TO 1988	3,648,495,297	3,664,760,264	16,264,967	16,525,632	144,791,770	144,531,105
1988	695,620,456	697,278,029				
		INCURRED LOSSES WEIGHT (30) = (24) 1987 + (26) Prior to 1987	1988 INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1988 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
PRIOR TO 1988	711,885,423	0.9772	0.7641	0.7466		
	PAID WEIGHT (34) = (27) / (30)	AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1988	0.02321	1.0000	0.02321			
	CASE RESERVES AS OF 12/31/17 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/17 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1988	0.2034	1.0000	0.2034	0.2030	1.0000	0.2030 -0.0004
		PRIOR TO 1988 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)	(45) = (44) / (32)			
PRIOR TO 1988	0.7695	1.0071				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 18 V. 19 VALUATION TO POST-HB 1846

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED PAID LOSSES AS OF 12/31/18	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/19	CALENDAR YEAR 2019 PAID LOSSES	CALENDAR YEAR 2019 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2019 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR	18-19 LDF ADJUSTMENT FACTOR
	(1)	(2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	(7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1989	4,200,524.588	4,217,490.642	16,966.054	0.0040	1.0000	0.0040	0.7103	0.7115	1.0016
1989	792,318.082	796,067.311	3,749.229	0.0047	1.0000	0.0047	0.7800	0.7810	1.0013
1990	813,339.649	816,906.243	3,566.594	0.0044	1.0000	0.0044	0.7975	0.7984	1.0011
1991	727,965.553	730,851.343	2,885.790	0.0039	1.0000	0.0039	0.8180	0.8187	1.0009
1992	626,933.009	631,343.525	4,410.516	0.0070	1.0000	0.0070	0.8406	0.8417	1.0013
1993	479,230.211	481,667.289	2,437.078	0.0051	1.0000	0.0051	0.8587	0.8594	1.0008
1994	438,084.504	441,109.272	3,024.768	0.0069	1.0000	0.0069	0.8788	0.8797	1.0009
1995	397,364.827	399,851.346	2,486.519	0.0062	1.0000	0.0062	0.8938	0.8945	1.0007
1996	386,720.331	389,469.071	2,748.740	0.0071	1.0000	0.0071	0.9109	0.9115	1.0007
1997	401,190.638	404,009.550	2,818.912	0.0070	1.0000	0.0070	0.9260	0.9266	1.0006
1998	421,287.091	424,073.028	2,785.937	0.0066	1.0000	0.0066	0.9413	0.9417	1.0004
1999	447,632.180	451,508.812	3,876.632	0.0086	1.0000	0.0086	0.9556	0.9560	1.0004
2000	474,784.069	478,368.645	3,584.576	0.0075	1.0000	0.0075	0.9696	0.9698	1.0002
2001	466,602.460	469,642.833	3,040.373	0.0065	1.0000	0.0065	0.9824	0.9825	1.0001
2002	516,219.044	522,266.118	6,047.074	0.0116	1.0000	0.0116	0.9950	0.9950	1.0001
2003	523,360.318	527,449.327	4,089.009	0.0078	1.0000	0.0078	1.0063	1.0062	1.0000
2004	562,427.495	567,210.681	4,783.186	0.0084	1.0000	0.0084	1.0167	1.0166	0.9999
2005	575,959.574	580,257.071	4,297.497	0.0074	1.0000	0.0074	1.0258	1.0256	0.9998
2006	585,831.930	590,867.935	5,036.005	0.0085	1.0000	0.0085	1.0330	1.0327	0.9997
2007	629,830.161	634,939.309	5,109.148	0.0080	1.0000	0.0080	1.0375	1.0372	0.9997
2008	569,249.663	573,431.088	4,181.425	0.0073	1.0000	0.0073	1.0340	1.0337	0.9998
2009	511,696.820	514,374.326	2,677.506	0.0048	1.0000	0.0048	1.0048	1.0048	1.0000
2010	556,193.398	561,368.936	5,175.538	0.0092	1.0000	0.0092	0.9913	0.9914	1.0001
2011	551,731.074	555,999.886	4,268.812	0.0077	1.0000	0.0077	0.9915	0.9915	1.0001
2012	499,926.947	505,805.263	5,878.316	0.0116	1.0000	0.0116	0.9919	0.9920	1.0001
2013	515,459.377	520,011.886	4,552.509	0.0088	1.0000	0.0088	0.9934	0.9935	1.0001
2014	523,825.856	529,879.285	6,053.429	0.0114	1.0000	0.0114	0.9980	0.9981	1.0000
2015	481,061.146	490,811.380	9,750.234	0.0199	1.0000	0.0199	1.0000	1.0000	1.0000
2016	449,610.213	476,799.520	27,189.307	0.0570	1.0000	0.0570	1.0000	1.0000	1.0000
2017	399,116.875	493,041.337	93,924.462	0.1905	1.0000	0.1905	1.0000	1.0000	1.0000
2018	125,060.425	438,312.112	313,251.687	0.7147	1.0000	0.7147	1.0000	1.0000	1.0000
2019		132,295.694	132,295.694	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

  

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES								
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18	REPORTED MEDICAL CASE RESERVES AS OF 12/31/18 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/18 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/19	REPORTED MEDICAL CASE RESERVES AS OF 12/31/19 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/19 ADJUSTMENT FACTOR	
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)	
PRIOR TO 1989	169,521.364	0.0388	1.0000	0.0388	158,803.543	0.0363	1.0000	0.0363	
1989	37,471.257	0.0452	1.0000	0.0452	32,694.519	0.0394	1.0000	0.0394	
1990	27,179.587	0.0323	1.0000	0.0323	25,346.644	0.0301	1.0000	0.0301	
1991	30,507.701	0.0402	1.0000	0.0402	28,064.822	0.0382	1.0000	0.0382	
1992	26,231.862	0.0402	1.0000	0.0402	25,336.400	0.0386	1.0000	0.0386	
1993	18,700.249	0.0376	1.0000	0.0376	15,735.143	0.0316	1.0000	0.0316	
1994	24,982.709	0.0540	1.0000	0.0540	22,917.057	0.0494	1.0000	0.0494	
1995	21,101.409	0.0504	1.0000	0.0504	18,927.926	0.0452	1.0000	0.0452	
1996	25,777.810	0.0625	1.0000	0.0625	20,256.530	0.0494	1.0000	0.0494	
1997	22,719.784	0.0536	1.0000	0.0536	19,224.253	0.0454	1.0000	0.0454	
1998	31,922.014	0.0704	1.0000	0.0704	30,055.189	0.0662	1.0000	0.0662	
1999	24,081.583	0.0511	1.0000	0.0511	21,195.087	0.0448	1.0000	0.0448	
2000	25,725.355	0.0514	1.0000	0.0514	23,395.476	0.0466	1.0000	0.0466	
2001	17,214.623	0.0356	1.0000	0.0356	14,642.381	0.0302	1.0000	0.0302	
2002	34,168.544	0.0621	1.0000	0.0621	26,688.272	0.0486	1.0000	0.0486	
2003	25,312.965	0.0461	1.0000	0.0461	21,060.269	0.0384	1.0000	0.0384	
2004	31,703.988	0.0534	1.0000	0.0534	27,053.309	0.0455	1.0000	0.0455	
2005	33,490.690	0.0550	1.0000	0.0550	33,286.930	0.0543	1.0000	0.0543	
2006	33,647.041	0.0543	1.0000	0.0543	28,993.744	0.0468	1.0000	0.0468	
2007	25,776.959	0.0393	1.0000	0.0393	21,197.529	0.0323	1.0000	0.0323	
2008	24,958.936	0.0420	1.0000	0.0420	21,784.656	0.0366	1.0000	0.0366	
2009	27,444.030	0.0509	1.0000	0.0509	24,751.373	0.0459	1.0000	0.0459	
2010	43,887.619	0.0731	1.0000	0.0731	39,771.676	0.0662	1.0000	0.0662	
2011	35,828.708	0.0610	1.0000	0.0610	33,966.438	0.0576	1.0000	0.0576	
2012	47,767.872	0.0872	1.0000	0.0872	49,906.822	0.0898	1.0000	0.0898	
2013	49,800.297	0.0881	1.0000	0.0881	41,836.109	0.0745	1.0000	0.0745	
2014	45,508.711	0.0799	1.0000	0.0799	36,135.440	0.0638	1.0000	0.0638	
2015	56,944.134	0.1058	1.0000	0.1058	48,108.523	0.0893	1.0000	0.0893	
2016	67,804.725	0.1310	1.0000	0.1310	47,646.053	0.0909	1.0000	0.0909	
2017	151,085.282	0.2746	1.0000	0.2746	82,129.506	0.1428	1.0000	0.1428	
2018	166,276.568	0.5707	1.0000	0.5707	190,342.227	0.3028	1.0000	0.3028	
2019					158,236.006	0.5446	1.0000	0.5446	

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 17 V. 18 VALUATION)  
 □ □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 17 V. 18 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/18	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/19	MEDICAL INCURRED LOSSES AS OF 12/31/19 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 18-19 LDF ADJUSTMENT FACTOR
	(18) = (1) + (10)	(19) = (2) + (14)	(20) = (3) / (19)	(21) = (13) + ((7)*(1-(11)))	(22) = (17) + ((5)*(20)) + ((7)*(1-(20)+(15)))	(23) = (22) / (21)
PRIOR TO 1989	4,370,045,952	4,376,294,185	0.0039	0.7216	0.7220	1.0006
1989	829,789,339	828,761,830	0.0045	0.7899	0.7897	0.9997
1990	840,519,236	842,252,887	0.0042	0.8041	0.8045	1.0005
1991	758,473,254	759,916,165	0.0038	0.8253	0.8256	1.0004
1992	653,164,671	656,679,925	0.0067	0.8470	0.8478	1.0010
1993	497,930,460	497,402,432	0.0049	0.8640	0.8639	0.9998
1994	463,067,213	464,026,329	0.0065	0.8854	0.8856	1.0003
1995	418,466,236	418,779,272	0.0059	0.8992	0.8992	1.0001
1996	412,498,141	409,725,601	0.0067	0.9164	0.9159	0.9994
1997	423,910,422	423,233,803	0.0067	0.9300	0.9299	0.9999
1998	453,209,105	454,128,217	0.0061	0.9455	0.9456	1.0001
1999	471,713,763	472,703,899	0.0082	0.9579	0.9579	1.0001
2000	500,509,424	501,764,121	0.0071	0.9712	0.9712	1.0001
2001	483,817,083	484,285,214	0.0063	0.9830	0.9831	1.0000
2002	550,387,588	548,954,390	0.0110	0.9953	0.9953	1.0000
2003	548,673,283	548,509,596	0.0075	1.0060	1.0060	1.0000
2004	594,131,483	594,263,990	0.0080	1.0158	1.0158	1.0000
2005	609,450,264	613,544,001	0.0070	1.0244	1.0242	0.9998
2006	619,478,971	619,861,679	0.0081	1.0312	1.0312	1.0000
2007	655,607,120	656,136,838	0.0078	1.0360	1.0360	1.0000
2008	594,208,599	595,215,744	0.0070	1.0326	1.0325	0.9999
2009	539,340,850	539,125,699	0.0046	1.0046	1.0046	1.0000
2010	600,081,017	601,140,612	0.0086	0.9920	0.9920	1.0000
2011	587,559,782	589,966,324	0.0072	0.9920	0.9920	1.0000
2012	547,694,819	555,712,085	0.0106	0.9926	0.9927	1.0001
2013	565,259,674	561,847,995	0.0081	0.9940	0.9940	1.0000
2014	569,334,567	566,014,725	0.0107	0.9982	0.9982	1.0000
2015	538,005,280	538,919,903	0.0181	1.0000	1.0000	1.0000
2016	517,414,938	524,445,573	0.0518	1.0000	1.0000	1.0000
2017	550,202,157	575,170,843	0.1633	1.0000	1.0000	1.0000
2018	291,336,993	628,654,339	0.4983	1.0000	1.0000	1.0000
2019		290,531,700	0.4554		1.0000	

□ □ □ CONSISTENT WITH 18@1ST, 17@2ND, 16@3RD, ETC . . .

Calculation for "Prior" LDF Adjustment Factor (used in LDF Tab)

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/18 (24)	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/19 (25)	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2019 PAID LOSSES (27)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/18 (28)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/19 (29)
PRIOR TO 1989	4,370,045,952	4,376,294,185	6,248,233	16,966,054	169,521,364	158,803,543
1989	829,789,339	828,761,830				
			1989 INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1989 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
	(30) = (24) 1987 + (26) Prior to 1987	(31) = (24) 1987 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1989	836,037,572	0.9925	0.7899	0.7840		
	PAID WEIGHT (34) = (27) / (30)	AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1989	0.02029	1.0000	0.02029			
	CASE RESERVES AS OF 12/31/18 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/18 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1989	0.2028	1.0000	0.2028	0.1899	1.0000	0.1899 -0.0128
	PRIOR TO 1989 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)	PRIOR TO 1989 LDF ADJUSTMENT FACTOR (45) = (44) / (32)				
PRIOR TO 1989	0.7915	1.0020				



TABLE I

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

## ACCUMULATED STANDARD EARNED PREMIUM

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	14,411,402,418	14,411,405,899	1.0000
1988	1,892,607,569	1,892,607,569	1.0000
1989	2,028,082,946	2,028,082,946	1.0000
1990	2,290,035,843	2,290,035,843	1.0000
1991	2,398,254,432	2,398,256,274	1.0000
1992	2,244,372,912	2,244,372,912	1.0000
1993	2,410,288,015	2,410,288,015	1.0000
1994	1,821,433,152	1,821,433,152	1.0000
1995	1,680,295,166	1,680,295,166	1.0000
1996	1,596,524,889	1,596,524,889	1.0000
1997	1,313,138,328	1,313,143,128	1.0000
1998	1,259,127,734	1,259,167,435	1.0000
1999	1,271,720,235	1,271,772,099	1.0000
2000	1,332,882,520	1,332,955,347	1.0001
2001	1,427,036,571	1,427,131,245	1.0001
2002	1,498,637,483	1,498,516,520	0.9999
2003	1,548,391,398	1,548,393,028	1.0000
2004	1,639,937,700	1,639,952,523	1.0000
2005	1,798,432,036	1,798,466,899	1.0000
2006	1,774,713,609	1,774,731,889	1.0000
2007	1,836,804,159	1,836,833,814	1.0000
2008	1,694,223,990	1,694,258,219	1.0000
2009	1,497,791,226	1,497,815,336	1.0000
2010	1,570,006,391	1,570,050,713	1.0000
2011	1,617,074,353	1,617,728,567	1.0004
2012	1,508,696,170	1,508,841,397	1.0001
2013	1,475,742,876	1,475,774,443	1.0000
2014	1,477,738,398	1,474,923,467	0.9981
2015	1,513,573,740	1,512,283,838	0.9991
2016	1,508,064,645	1,521,360,877	1.0088
2017	882,235,302	1,574,321,870	1.7845
2018		946,384,955	
Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	16,341,273,497	16,341,273,515	1.0000
1989	2,028,102,615	2,028,102,615	1.0000
1990	2,290,405,048	2,290,405,048	1.0000
1991	2,398,443,076	2,398,447,133	1.0000
1992	2,244,438,656	2,244,438,656	1.0000
1993	2,409,615,601	2,409,616,845	1.0000
1994	1,820,873,362	1,821,087,752	1.0001
1995	1,679,960,543	1,679,960,543	1.0000
1996	1,596,023,271	1,596,023,271	1.0000
1997	1,312,458,966	1,312,458,966	1.0000
1998	1,258,395,757	1,258,423,653	1.0000
1999	1,270,965,472	1,270,946,009	1.0000
2000	1,331,848,694	1,331,794,138	1.0000
2001	1,426,111,586	1,426,050,363	1.0000
2002	1,497,895,978	1,498,049,368	1.0001
2003	1,546,429,878	1,546,429,878	1.0000
2004	1,638,122,114	1,638,116,780	1.0000
2005	1,796,793,031	1,796,786,072	1.0000
2006	1,773,722,054	1,773,721,993	1.0000
2007	1,836,137,283	1,836,132,240	1.0000
2008	1,694,030,143	1,694,028,578	1.0000
2009	1,497,813,191	1,497,808,730	1.0000
2010	1,570,019,943	1,570,007,364	1.0000
2011	1,617,272,957	1,616,603,935	0.9996
2012	1,509,038,993	1,509,129,399	1.0001
2013	1,475,876,622	1,476,003,174	1.0001
2014	1,474,817,787	1,475,220,185	1.0003
2015	1,512,094,314	1,510,546,720	0.9990
2016	1,521,151,625	1,519,599,286	0.9990
2017	1,574,173,802	1,594,074,056	1.0126
2018	945,201,510	1,714,406,962	1.8138
2019		821,609,460	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - A - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	8,902,216,461	8,918,017,806	1.0018
1988	1,526,219,907	1,527,276,357	1.0007
1989	1,812,066,645	1,815,620,099	1.0020
1990	1,859,721,885	1,861,597,822	1.0010
1991	1,652,237,192	1,654,154,127	1.0012
1992	1,421,326,402	1,424,560,577	1.0023
1993	1,190,070,123	1,188,392,342	0.9986
1994	1,108,902,082	1,112,419,513	1.0032
1995	970,990,759	972,804,878	1.0019
1996	890,510,567	891,439,238	1.0010
1997	915,418,004	917,334,070	1.0021
1998	949,344,206	951,669,565	1.0024
1999	1,047,437,898	1,048,482,139	1.0010
2000	1,115,412,969	1,119,313,711	1.0035
2001	1,117,831,143	1,119,136,644	1.0012
2002	1,212,442,938	1,223,702,636	1.0093
2003	1,202,884,937	1,206,175,709	1.0027
2004	1,281,532,097	1,287,886,844	1.0050
2005	1,304,571,630	1,308,876,907	1.0033
2006	1,340,487,647	1,346,941,680	1.0048
2007	1,415,327,172	1,418,979,945	1.0026
2008	1,303,756,198	1,305,468,172	1.0013
2009	1,169,051,905	1,170,260,024	1.0010
2010	1,235,475,479	1,242,006,051	1.0053
2011	1,204,270,675	1,204,678,788	1.0003
2012	1,111,681,277	1,113,761,145	1.0019
2013	1,144,124,112	1,135,062,361	0.9921
2014	1,128,120,031	1,138,662,693	1.0093
2015	1,046,569,601	1,086,761,790	1.0384
2016	862,239,738	1,006,063,945	1.1668
2017	367,951,074	944,710,949	2.5675
2018		411,202,499	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	10,481,245,820	10,489,584,427	1.0008
1989	1,815,957,319	1,814,663,491	0.9993
1990	1,861,773,921	1,862,581,493	1.0004
1991	1,653,931,398	1,654,906,187	1.0006
1992	1,424,312,628	1,430,532,412	1.0044
1993	1,187,660,953	1,187,284,708	0.9997
1994	1,111,229,367	1,111,476,422	1.0002
1995	972,550,891	973,029,963	1.0005
1996	891,325,976	888,310,438	0.9966
1997	916,162,562	916,035,776	0.9999
1998	950,856,205	952,322,259	1.0015
1999	1,047,691,729	1,048,374,413	1.0007
2000	1,118,457,087	1,119,933,159	1.0013
2001	1,118,548,241	1,118,992,258	1.0004
2002	1,223,731,180	1,222,192,766	0.9987
2003	1,205,142,981	1,203,483,710	0.9986
2004	1,286,899,428	1,286,815,451	0.9999
2005	1,308,365,343	1,311,698,223	1.0025
2006	1,346,384,530	1,347,192,656	1.0006
2007	1,418,511,576	1,418,795,573	1.0002
2008	1,305,283,158	1,305,253,508	1.0000
2009	1,170,196,050	1,171,025,152	1.0007
2010	1,241,980,606	1,243,143,302	1.0009
2011	1,204,235,435	1,208,174,195	1.0033
2012	1,113,625,170	1,123,682,696	1.0090
2013	1,134,982,432	1,129,445,063	0.9951
2014	1,138,035,190	1,136,791,379	0.9989
2015	1,086,645,474	1,098,749,321	1.0111
2016	1,005,869,390	1,053,636,039	1.0475
2017	944,158,126	1,105,253,798	1.1706
2018	410,788,281	1,050,884,247	2.5582
2019		416,548,682	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - B - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

INDEMNITY INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	6,304,174,763	6,303,711,141	0.9999
1988	994,707,604	994,106,481	0.9994
1989	1,159,889,488	1,160,177,865	1.0002
1990	1,184,968,331	1,185,702,400	1.0006
1991	1,027,596,637	1,028,042,580	1.0004
1992	869,268,434	871,251,371	1.0023
1993	757,926,027	757,923,969	1.0000
1994	702,001,899	701,921,392	0.9999
1995	596,273,922	596,366,407	1.0002
1996	513,595,278	513,368,363	0.9996
1997	522,002,601	522,336,131	1.0006
1998	522,522,540	522,907,154	1.0007
1999	595,859,127	596,380,725	1.0009
2000	632,733,214	632,717,334	1.0000
2001	642,776,133	643,323,781	1.0009
2002	675,212,927	675,956,444	1.0011
2003	654,265,765	653,759,793	0.9992
2004	683,534,155	683,860,179	1.0005
2005	682,872,516	684,213,253	1.0020
2006	706,086,128	707,864,330	1.0025
2007	737,981,003	739,583,218	1.0022
2008	692,111,248	691,742,383	0.9995
2009	626,586,985	628,405,905	1.0029
2010	645,414,243	646,714,296	1.0020
2011	621,578,455	621,590,866	1.0000
2012	568,087,024	570,018,890	1.0034
2013	574,569,270	573,163,467	0.9976
2014	560,547,420	570,064,841	1.0170
2015	508,479,290	548,712,251	1.0791
2016	367,762,867	488,551,343	1.3284
2017	116,152,326	394,220,080	3.3940
2018		119,495,366	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	7,328,022,613	7,330,112,987	1.0003
1989	1,160,484,070	1,160,217,751	0.9998
1990	1,185,946,769	1,185,020,691	0.9992
1991	1,027,972,122	1,027,504,000	0.9995
1992	871,080,321	873,784,851	1.0031
1993	757,447,734	757,599,518	1.0002
1994	701,242,145	700,530,084	0.9990
1995	596,279,579	596,445,615	1.0003
1996	513,297,680	513,054,683	0.9995
1997	521,920,444	522,470,276	1.0011
1998	522,358,743	522,905,685	1.0010
1999	595,858,929	595,551,476	0.9995
2000	632,377,108	632,598,483	1.0004
2001	642,935,177	642,911,063	1.0000
2002	675,946,641	675,841,424	0.9998
2003	653,190,112	651,694,528	0.9977
2004	683,379,457	683,162,973	0.9997
2005	684,037,523	683,276,666	0.9989
2006	707,568,854	707,994,272	1.0006
2007	739,292,747	739,047,026	0.9997
2008	691,721,723	690,684,928	0.9985
2009	628,376,377	629,420,631	1.0017
2010	646,715,628	646,818,728	1.0002
2011	621,390,856	622,923,074	1.0025
2012	569,968,464	572,008,724	1.0036
2013	573,111,787	570,986,097	0.9963
2014	569,729,833	571,805,864	1.0036
2015	548,640,194	559,829,418	1.0204
2016	488,454,452	529,190,466	1.0834
2017	393,955,969	530,082,955	1.3455
2018	119,451,288	422,229,908	3.5347
2019		126,016,982	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - C - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

MEDICAL INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	2,598,041,698	2,614,306,665	1.0063
1988	531,512,303	533,169,876	1.0031
1989	652,177,157	655,442,233	1.0050
1990	674,753,555	675,895,422	1.0017
1991	624,640,555	626,111,547	1.0024
1992	552,057,968	553,309,205	1.0023
1993	432,144,097	430,468,373	0.9961
1994	406,900,183	410,498,121	1.0088
1995	374,716,837	376,438,471	1.0046
1996	376,915,289	378,070,875	1.0031
1997	393,415,403	394,997,939	1.0040
1998	426,821,666	428,762,410	1.0045
1999	451,578,772	452,101,414	1.0012
2000	482,679,755	486,596,378	1.0081
2001	475,055,010	475,812,863	1.0016
2002	537,230,010	547,746,192	1.0196
2003	548,619,172	552,415,916	1.0069
2004	597,997,941	604,026,665	1.0101
2005	621,699,113	624,663,654	1.0048
2006	634,401,519	639,077,350	1.0074
2007	677,346,169	679,396,727	1.0030
2008	611,644,950	613,725,788	1.0034
2009	542,464,920	541,854,119	0.9989
2010	590,061,236	595,291,755	1.0089
2011	582,692,220	583,087,922	1.0007
2012	543,594,253	543,742,256	1.0003
2013	569,554,842	561,898,894	0.9866
2014	567,572,612	568,597,852	1.0018
2015	538,090,311	538,049,539	0.9999
2016	494,476,871	517,512,602	1.0466
2017	251,798,748	550,490,869	2.1862
2018		291,707,133	

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	3,153,223,207	3,159,471,440	1.0020
1989	655,473,249	654,445,740	0.9984
1990	675,827,151	677,560,802	1.0026
1991	625,959,276	627,402,187	1.0023
1992	553,232,307	556,747,561	1.0064
1993	430,213,219	429,685,191	0.9988
1994	409,987,222	410,946,338	1.0023
1995	376,271,312	376,584,348	1.0008
1996	378,028,296	375,255,756	0.9927
1997	394,242,119	393,565,500	0.9983
1998	428,497,462	429,416,574	1.0021
1999	451,832,800	452,822,936	1.0022
2000	486,079,980	487,334,677	1.0026
2001	475,613,064	476,081,195	1.0010
2002	547,784,540	546,351,342	0.9974
2003	551,952,869	551,789,182	0.9997
2004	603,519,971	603,652,478	1.0002
2005	624,327,820	628,421,557	1.0066
2006	638,815,676	639,198,384	1.0006
2007	679,218,829	679,748,547	1.0008
2008	613,561,434	614,568,579	1.0016
2009	541,819,672	541,604,521	0.9996
2010	595,264,979	596,324,574	1.0018
2011	582,844,579	585,251,121	1.0041
2012	543,656,707	551,673,973	1.0147
2013	561,870,645	558,458,966	0.9939
2014	568,305,357	564,985,515	0.9942
2015	538,005,280	538,919,903	1.0017
2016	517,414,938	524,445,573	1.0136
2017	550,202,157	575,170,843	1.0454
2018	291,336,993	628,654,339	2.1578
2019		290,531,700	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - D - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

INDEMNITY PAID LOSSES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	6,241,360,495	6,250,104,676	1.0014
1988	981,353,889	982,791,833	1.0015
1989	1,138,609,362	1,141,098,127	1.0022
1990	1,163,236,337	1,166,299,637	1.0026
1991	1,002,713,773	1,005,461,290	1.0027
1992	846,037,473	849,096,793	1.0036
1993	737,664,634	740,123,501	1.0033
1994	679,848,247	682,533,983	1.0040
1995	581,796,609	583,308,837	1.0026
1996	502,033,324	503,129,557	1.0022
1997	515,106,792	515,919,731	1.0016
1998	517,457,007	518,332,294	1.0017
1999	588,995,032	589,900,193	1.0015
2000	624,554,259	625,502,930	1.0015
2001	633,855,632	635,084,225	1.0019
2002	658,662,286	661,096,756	1.0037
2003	636,993,535	639,482,770	1.0039
2004	657,968,731	661,484,118	1.0053
2005	663,623,067	667,538,570	1.0059
2006	683,361,338	688,728,943	1.0079
2007	713,821,192	718,756,975	1.0069
2008	669,991,809	675,379,265	1.0080
2009	609,816,620	613,903,909	1.0067
2010	621,434,942	627,463,814	1.0097
2011	590,608,420	599,985,349	1.0159
2012	523,478,501	537,021,360	1.0259
2013	526,137,473	544,538,070	1.0350
2014	485,713,202	525,684,697	1.0823
2015	401,168,691	485,687,952	1.2107
2016	211,997,414	380,402,787	1.7944
2017	39,462,812	228,439,385	5.7887
2018		42,463,658	

  

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	7,262,865,653	7,273,050,069	1.0014
1989	1,141,404,332	1,143,613,046	1.0019
1990	1,166,544,007	1,169,115,718	1.0022
1991	1,005,390,833	1,008,341,828	1.0029
1992	848,925,743	852,132,566	1.0038
1993	739,647,267	741,874,624	1.0030
1994	681,854,736	684,711,009	1.0042
1995	583,222,008	585,030,275	1.0031
1996	503,058,874	504,387,523	1.0026
1997	515,504,043	516,818,313	1.0025
1998	517,783,883	518,242,152	1.0009
1999	589,378,396	590,059,448	1.0012
2000	625,162,703	626,271,479	1.0018
2001	634,695,621	636,201,990	1.0024
2002	661,086,952	664,542,530	1.0052
2003	638,913,088	641,294,862	1.0037
2004	661,003,396	665,862,830	1.0074
2005	667,362,840	670,600,407	1.0049
2006	688,433,468	691,870,474	1.0050
2007	718,466,504	722,141,619	1.0051
2008	675,358,605	678,683,070	1.0049
2009	613,874,381	617,050,513	1.0052
2010	627,465,146	632,673,344	1.0083
2011	599,785,339	606,088,699	1.0105
2012	536,970,934	544,612,932	1.0142
2013	544,486,390	551,296,888	1.0125
2014	525,349,689	544,173,368	1.0358
2015	485,615,895	519,245,697	1.0693
2016	380,321,969	463,193,089	1.2179
2017	228,320,196	415,993,637	1.8220
2018	42,416,640	240,347,286	5.6663
2019		44,630,755	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.

TABLE I - E - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

MEDICAL PAID LOSSES

Policy Year Valued	As of 12/31/17	As of 12/31/18	Ratio to Prior Year
Prior to 1988	2,453,249,928	2,469,775,560	1.0067
1988	505,628,169	508,382,234	1.0054
1989	612,557,214	617,970,976	1.0088
1990	644,777,817	648,715,835	1.0061
1991	592,163,981	595,603,846	1.0058
1992	523,464,657	527,077,543	1.0069
1993	408,205,560	411,768,124	1.0087
1994	381,571,663	385,363,254	1.0099
1995	352,242,108	355,317,350	1.0087
1996	348,523,105	352,293,065	1.0108
1997	367,562,093	372,079,058	1.0123
1998	393,691,952	396,840,396	1.0080
1999	424,023,054	428,019,831	1.0094
2000	456,717,075	460,871,023	1.0091
2001	455,069,383	458,598,240	1.0078
2002	507,034,435	513,577,648	1.0129
2003	522,396,528	527,102,951	1.0090
2004	566,997,637	572,322,677	1.0094
2005	583,848,778	591,172,964	1.0125
2006	597,397,887	605,430,309	1.0134
2007	647,710,846	653,619,768	1.0091
2008	583,748,254	588,766,852	1.0086
2009	511,110,869	514,410,089	1.0065
2010	545,174,923	551,404,136	1.0114
2011	543,036,915	547,259,214	1.0078
2012	490,118,879	495,974,384	1.0119
2013	507,572,337	512,098,597	1.0089
2014	513,789,857	523,089,141	1.0181
2015	453,886,620	481,105,405	1.0600
2016	361,319,804	449,702,385	1.2446
2017	106,748,784	399,256,841	3.7402
2018		125,269,760	

  

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior to 1989	2,983,701,843	3,000,667,897	1.0057
1989	618,001,992	621,751,221	1.0061
1990	648,647,564	652,214,158	1.0055
1991	595,451,575	598,337,365	1.0048
1992	527,000,645	531,411,161	1.0084
1993	411,512,970	413,950,048	1.0059
1994	385,004,513	388,029,281	1.0079
1995	355,169,903	357,656,422	1.0070
1996	352,250,486	354,999,226	1.0078
1997	371,522,335	374,341,247	1.0076
1998	396,575,448	399,361,385	1.0070
1999	427,751,217	431,627,849	1.0091
2000	460,354,625	463,939,201	1.0078
2001	458,398,441	461,438,814	1.0066
2002	513,615,996	519,663,070	1.0118
2003	526,639,904	530,728,913	1.0078
2004	571,815,983	576,599,169	1.0084
2005	590,837,130	595,134,627	1.0073
2006	605,168,635	610,204,640	1.0083
2007	653,441,870	658,551,018	1.0078
2008	588,602,498	592,783,923	1.0071
2009	514,375,642	516,853,148	1.0048
2010	551,377,360	556,552,898	1.0094
2011	547,015,871	551,284,683	1.0078
2012	495,888,835	501,767,151	1.0119
2013	512,070,348	516,622,857	1.0089
2014	522,796,646	528,850,075	1.0116
2015	481,061,146	490,811,380	1.0203
2016	449,610,213	476,799,520	1.0605
2017	399,116,875	493,041,337	1.2353
2018	125,060,425	438,312,112	3.5048
2019		132,295,694	

NOTE: So as to maximize the use of available data, the companies used in one stage of development were allowed to be independent of those used in the other stage of development; therefore, the figures shown at each valuation may vary.