

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, 2019 to December 31, 2020 and also from December 31, 2020 to December 31, 2021. 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, 2020 valuations may vary.

Experience for large deductible policies has been excluded from Table I. Losses attributable to catastrophe code 48 and COVID-19 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 12/31/19, 12/31/20 and 12/31/21 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 7-30 – 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 7-30 show the adjustment factors to bring indemnity losses to a post-HB 1840 level for Calendar Years 2010 through 2021, respectively.

Pages 7 and 8 show the adjustments to Calendar Year 2010 indemnity losses. Successive pages (through Page 30) adjust later calendar year contributions to a post-HB 1840 basis.

Table I - Pages 31-54 – 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 31-54 show the adjustment factors to bring medical losses to a post-HB 1846 level for Calendar Years 2010 through 2021, respectively.

Pages 31 and 32 show the adjustments to Calendar Year 2010 medical losses. Successive pages (through Page 54) adjust later calendar year contributions to a post-HB 1846 basis.

Table I - Pages 55-60 - Adjusted to post-HB 1840 and HB 1846 basis

Pages 55-60 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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	17,613,288,466	17,613,288,299	1.0000
1990	2,215,377,116	2,215,377,116	1.0000
1991	2,315,408,417	2,315,408,429	1.0000
1992	2,153,973,267	2,153,973,267	1.0000
1993	2,306,179,951	2,306,179,951	1.0000
1994	1,745,416,928	1,745,416,928	1.0000
1995	1,599,375,766	1,599,375,766	1.0000
1996	1,518,271,678	1,518,271,678	1.0000
1997	1,254,684,804	1,254,684,804	1.0000
1998	1,198,302,249	1,198,288,497	1.0000
1999	1,209,809,753	1,209,809,753	1.0000
2000	1,271,330,090	1,271,330,090	1.0000
2001	1,363,779,460	1,363,779,460	1.0000
2002	1,438,190,159	1,438,190,159	1.0000
2003	1,520,905,150	1,520,905,150	1.0000
2004	1,641,645,578	1,641,607,361	1.0000
2005	1,808,447,730	1,808,406,811	1.0000
2006	1,791,192,342	1,791,174,193	1.0000
2007	1,851,278,351	1,851,271,275	1.0000
2008	1,702,620,400	1,702,620,401	1.0000
2009	1,520,912,325	1,520,906,325	1.0000
2010	1,589,792,531	1,589,788,794	1.0000
2011	1,642,875,756	1,642,868,564	1.0000
2012	1,537,463,587	1,537,436,491	1.0000
2013	1,510,249,425	1,510,268,872	1.0000
2014	1,510,104,135	1,510,269,466	1.0001
2015	1,503,518,707	1,503,443,279	0.9999
2016	1,512,559,683	1,512,187,726	0.9998
2017	1,587,968,666	1,584,262,608	0.9977
2018	1,714,291,166	1,735,322,112	1.0123
2019	824,576,404	1,413,439,851	1.7141
2020		726,301,723	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	19,090,127,977	19,090,127,977	1.0000
1991	2,239,453,750	2,239,453,750	1.0000
1992	2,075,322,862	2,075,322,862	1.0000
1993	2,232,387,370	2,232,387,370	1.0000
1994	1,688,565,823	1,688,565,822	1.0000
1995	1,544,205,740	1,544,205,741	1.0000
1996	1,459,547,593	1,459,547,592	1.0000
1997	1,203,914,901	1,203,914,901	1.0000
1998	1,135,949,223	1,135,949,278	1.0000
1999	1,156,818,495	1,156,818,500	1.0000
2000	1,211,878,910	1,211,878,908	1.0000
2001	1,332,729,680	1,332,729,685	1.0000
2002	1,428,638,309	1,428,638,315	1.0000
2003	1,516,340,664	1,516,343,505	1.0000
2004	1,634,945,381	1,634,944,597	1.0000
2005	1,800,888,569	1,800,889,751	1.0000
2006	1,782,947,237	1,782,945,464	1.0000
2007	1,841,737,921	1,841,722,157	1.0000
2008	1,694,121,417	1,694,115,683	1.0000
2009	1,513,316,746	1,513,313,633	1.0000
2010	1,582,501,854	1,582,498,517	1.0000
2011	1,637,201,518	1,637,199,877	1.0000
2012	1,532,518,850	1,532,500,804	1.0000
2013	1,508,895,657	1,508,842,537	1.0000
2014	1,509,089,599	1,508,998,014	0.9999
2015	1,501,791,063	1,501,699,960	0.9999
2016	1,508,699,367	1,508,559,313	0.9999
2017	1,579,413,762	1,578,633,946	0.9995
2018	1,727,734,245	1,726,063,046	0.9990
2019	1,406,991,389	1,400,992,351	0.9957
2020	722,313,634	1,249,790,654	1.7303
2021		714,176,138	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	14,112,006,789	14,127,352,548	1.0011
1990	2,087,755,983	2,089,060,711	1.0006
1991	1,832,303,375	1,832,006,200	0.9998
1992	1,547,614,606	1,552,601,363	1.0032
1993	1,260,356,012	1,261,091,095	1.0006
1994	1,171,042,475	1,171,583,427	1.0005
1995	994,919,566	995,656,696	1.0007
1996	875,090,780	874,600,932	0.9994
1997	901,216,092	905,072,238	1.0043
1998	928,934,332	928,779,604	0.9998
1999	1,010,362,776	1,010,689,966	1.0003
2000	1,074,530,195	1,077,379,519	1.0027
2001	1,071,401,693	1,070,620,571	0.9993
2002	1,171,920,592	1,170,716,233	0.9990
2003	1,172,229,490	1,173,133,465	1.0008
2004	1,268,438,895	1,266,206,359	0.9982
2005	1,307,980,197	1,311,629,927	1.0028
2006	1,340,814,732	1,346,361,577	1.0041
2007	1,414,819,338	1,420,709,112	1.0042
2008	1,296,967,544	1,299,150,997	1.0017
2009	1,178,430,360	1,178,552,307	1.0001
2010	1,258,754,038	1,261,144,035	1.0019
2011	1,238,281,856	1,242,625,741	1.0035
2012	1,148,780,680	1,150,258,933	1.0013
2013	1,147,580,198	1,148,881,041	1.0011
2014	1,163,519,331	1,164,458,677	1.0008
2015	1,086,274,307	1,082,150,938	0.9962
2016	1,046,748,914	1,052,339,807	1.0053
2017	1,086,996,079	1,134,600,984	1.0438
2018	1,050,227,495	1,197,649,512	1.1404
2019	414,047,814	920,315,914	2.2227
2020		326,343,050	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	15,672,699,185	15,675,103,491	1.0002
1991	1,774,791,348	1,774,178,558	0.9997
1992	1,496,705,398	1,498,855,609	1.0014
1993	1,225,172,942	1,226,614,737	1.0012
1994	1,142,054,691	1,142,546,824	1.0004
1995	966,242,827	965,805,011	0.9995
1996	845,380,806	845,969,917	1.0007
1997	873,978,968	876,085,465	1.0024
1998	875,552,836	875,489,200	0.9999
1999	951,861,758	949,562,897	0.9976
2000	1,013,661,143	1,012,904,950	0.9993
2001	1,038,045,850	1,037,965,415	0.9999
2002	1,165,210,221	1,166,707,860	1.0013
2003	1,171,010,241	1,172,537,310	1.0013
2004	1,262,914,854	1,261,608,906	0.9990
2005	1,307,272,494	1,310,583,521	1.0025
2006	1,342,850,100	1,345,530,368	1.0020
2007	1,417,710,498	1,419,656,211	1.0014
2008	1,291,485,240	1,292,563,269	1.0008
2009	1,172,296,786	1,173,953,279	1.0014
2010	1,256,075,024	1,253,515,984	0.9980
2011	1,240,776,828	1,241,206,554	1.0003
2012	1,144,754,154	1,146,750,580	1.0017
2013	1,147,154,620	1,152,118,090	1.0043
2014	1,165,394,023	1,170,679,191	1.0045
2015	1,082,150,444	1,092,785,272	1.0098
2016	1,051,050,943	1,049,524,801	0.9985
2017	1,132,126,207	1,130,496,881	0.9986
2018	1,191,735,853	1,225,294,696	1.0282
2019	916,182,267	1,068,523,398	1.1663
2020	324,772,053	835,128,741	2.5714
2021		349,006,633	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	9,115,755,461	9,118,307,918	1.0003
1990	1,273,116,298	1,273,377,122	1.0002
1991	1,097,643,730	1,097,374,799	0.9998
1992	918,202,839	919,017,272	1.0009
1993	786,968,468	787,218,026	1.0003
1994	723,344,738	723,717,626	1.0005
1995	594,249,631	594,461,141	1.0004
1996	485,114,198	484,568,745	0.9989
1997	494,511,713	494,782,655	1.0005
1998	493,466,084	493,802,243	1.0007
1999	558,711,050	559,138,574	1.0008
2000	596,378,810	596,559,508	1.0003
2001	606,398,509	606,326,326	0.9999
2002	641,072,914	641,017,511	0.9999
2003	631,967,308	631,071,390	0.9986
2004	675,817,191	675,097,532	0.9989
2005	687,161,371	687,453,693	1.0004
2006	712,809,297	713,668,810	1.0012
2007	749,945,790	751,480,347	1.0020
2008	694,327,694	694,801,451	1.0007
2009	633,107,994	633,336,443	1.0004
2010	653,442,295	654,149,371	1.0011
2011	629,484,334	629,979,600	1.0008
2012	580,833,802	582,559,495	1.0030
2013	582,047,814	582,667,922	1.0011
2014	580,509,597	581,411,975	1.0016
2015	549,926,271	550,125,582	1.0004
2016	520,985,395	526,222,884	1.0101
2017	522,992,640	561,076,478	1.0728
2018	420,244,203	555,458,634	1.3218
2019	125,174,407	392,971,103	3.1394
2020		98,672,821	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	10,036,499,174	10,040,914,114	1.0004
1991	1,063,681,157	1,064,221,148	1.0005
1992	884,548,477	885,509,399	1.0011
1993	766,023,986	765,916,328	0.9999
1994	704,923,680	705,254,804	1.0005
1995	576,866,447	576,944,373	1.0001
1996	467,209,534	467,402,567	1.0004
1997	476,904,303	476,527,595	0.9992
1998	467,394,411	466,599,708	0.9983
1999	523,044,208	522,714,377	0.9994
2000	558,280,392	557,866,789	0.9993
2001	587,892,471	588,085,821	1.0003
2002	638,100,016	637,872,325	0.9996
2003	630,510,442	630,845,164	1.0005
2004	673,457,916	672,954,248	0.9993
2005	685,537,884	686,275,204	1.0011
2006	712,226,350	711,256,945	0.9986
2007	749,926,446	749,662,964	0.9996
2008	691,306,078	692,238,103	1.0013
2009	630,413,342	632,663,550	1.0036
2010	650,741,011	652,285,185	1.0024
2011	627,449,347	628,031,147	1.0009
2012	578,733,100	577,188,716	0.9973
2013	581,127,651	582,321,568	1.0021
2014	581,900,764	585,207,812	1.0057
2015	550,394,940	556,797,387	1.0116
2016	525,512,667	525,466,589	0.9999
2017	560,284,185	566,785,145	1.0116
2018	552,812,048	584,517,832	1.0574
2019	391,278,458	514,478,165	1.3149
2020	98,216,293	346,202,515	3.5249
2021		114,147,116	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	4,996,251,328	5,009,044,630	1.0026
1990	814,639,685	815,683,589	1.0013
1991	734,659,645	734,631,401	1.0000
1992	629,411,767	633,584,091	1.0066
1993	473,387,544	473,873,069	1.0010
1994	447,697,737	447,865,801	1.0004
1995	400,669,935	401,195,555	1.0013
1996	389,976,582	390,032,187	1.0001
1997	406,704,379	410,289,583	1.0088
1998	435,468,248	434,977,361	0.9989
1999	451,651,726	451,551,392	0.9998
2000	478,151,385	480,820,011	1.0056
2001	465,003,184	464,294,245	0.9985
2002	530,847,678	529,698,722	0.9978
2003	540,262,182	542,062,075	1.0033
2004	592,621,704	591,108,827	0.9974
2005	620,818,826	624,176,234	1.0054
2006	628,005,435	632,692,767	1.0075
2007	664,873,548	669,228,765	1.0066
2008	602,639,850	604,349,546	1.0028
2009	545,322,366	545,215,864	0.9998
2010	605,311,743	606,994,664	1.0028
2011	608,797,522	612,646,141	1.0063
2012	567,946,878	567,699,438	0.9996
2013	565,532,384	566,213,119	1.0012
2014	583,009,734	583,046,702	1.0001
2015	536,348,036	532,025,356	0.9919
2016	525,763,519	526,116,923	1.0007
2017	564,003,439	573,524,506	1.0169
2018	629,983,292	642,190,878	1.0194
2019	288,873,407	527,344,811	1.8255
2020		227,670,229	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	5,636,200,011	5,634,189,377	0.9996
1991	711,110,191	709,957,410	0.9984
1992	612,156,921	613,346,210	1.0019
1993	459,148,956	460,698,409	1.0034
1994	437,131,011	437,292,020	1.0004
1995	389,376,380	388,860,638	0.9987
1996	378,171,272	378,567,350	1.0010
1997	397,074,665	399,557,870	1.0063
1998	408,158,425	408,889,492	1.0018
1999	428,817,550	426,848,520	0.9954
2000	455,380,751	455,038,161	0.9992
2001	450,153,379	449,879,594	0.9994
2002	527,110,205	528,835,535	1.0033
2003	540,499,799	541,692,146	1.0022
2004	589,456,938	588,654,658	0.9986
2005	621,734,610	624,308,317	1.0041
2006	630,623,750	634,273,423	1.0058
2007	667,784,052	669,993,247	1.0033
2008	600,179,162	600,325,166	1.0002
2009	541,883,444	541,289,729	0.9989
2010	605,334,013	601,230,799	0.9932
2011	613,327,481	613,175,407	0.9998
2012	566,021,054	569,561,864	1.0063
2013	566,026,969	569,796,522	1.0067
2014	583,493,259	585,471,379	1.0034
2015	531,755,504	535,987,885	1.0080
2016	525,538,276	524,058,212	0.9972
2017	571,842,022	563,711,736	0.9858
2018	638,923,805	640,776,864	1.0029
2019	524,903,809	554,045,233	1.0555
2020	226,555,760	488,926,226	2.1581
2021		234,859,517	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	9,034,737,183	9,046,529,566	1.0013
1990	1,255,498,309	1,258,147,227	1.0021
1991	1,076,611,196	1,079,550,105	1.0027
1992	894,290,008	897,480,186	1.0036
1993	769,237,495	771,541,018	1.0030
1994	705,801,390	707,797,314	1.0028
1995	581,958,931	583,300,926	1.0023
1996	476,305,024	477,198,836	1.0019
1997	488,924,933	489,814,050	1.0018
1998	488,846,544	489,278,053	1.0009
1999	553,267,694	554,272,029	1.0018
2000	590,100,614	590,593,860	1.0008
2001	599,738,334	600,695,838	1.0016
2002	629,870,484	631,309,395	1.0023
2003	621,268,951	622,485,912	1.0020
2004	659,224,572	662,416,614	1.0048
2005	673,900,625	676,019,965	1.0031
2006	696,787,091	698,975,889	1.0031
2007	732,566,364	735,525,706	1.0040
2008	682,324,564	684,630,494	1.0034
2009	622,483,712	624,868,133	1.0038
2010	638,518,999	641,566,682	1.0048
2011	612,078,224	614,652,780	1.0042
2012	552,091,802	558,187,695	1.0110
2013	561,647,619	568,022,272	1.0113
2014	551,728,522	561,751,456	1.0182
2015	510,000,715	525,087,666	1.0296
2016	457,183,178	490,072,081	1.0719
2017	412,267,334	492,661,291	1.1950
2018	240,383,792	435,464,523	1.8115
2019	44,762,003	228,536,802	5.1056
2020		36,740,910	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	9,950,544,422	9,961,987,938	1.0012
1991	1,045,801,899	1,047,667,498	1.0018
1992	863,898,025	866,555,755	1.0031
1993	750,332,656	752,672,297	1.0031
1994	689,241,763	691,294,413	1.0030
1995	565,471,612	566,733,523	1.0022
1996	459,849,514	460,731,363	1.0019
1997	471,916,983	472,419,098	1.0011
1998	463,148,532	463,565,931	1.0009
1999	518,924,223	519,779,129	1.0016
2000	552,361,021	552,819,977	1.0008
2001	582,295,642	583,069,906	1.0013
2002	628,375,416	629,704,703	1.0021
2003	621,922,502	623,083,822	1.0019
2004	660,776,998	662,377,862	1.0024
2005	674,107,664	676,001,245	1.0028
2006	697,494,181	699,725,576	1.0032
2007	733,943,234	735,925,634	1.0027
2008	681,120,156	683,426,654	1.0034
2009	621,923,934	624,549,795	1.0042
2010	638,224,879	641,377,972	1.0049
2011	612,115,096	614,693,645	1.0042
2012	554,499,135	557,079,395	1.0047
2013	566,437,265	569,057,073	1.0046
2014	562,227,683	568,709,299	1.0115
2015	525,318,271	536,301,231	1.0209
2016	489,356,340	500,181,372	1.0221
2017	491,945,076	525,308,232	1.0678
2018	433,306,295	518,476,721	1.1966
2019	227,518,101	404,045,348	1.7759
2020	36,544,511	207,205,291	5.6699
2021		42,508,759	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	4,810,592,860	4,831,138,175	1.0043
1990	790,659,530	793,574,310	1.0037
1991	706,081,097	708,481,471	1.0034
1992	605,110,487	608,254,741	1.0052
1993	458,039,317	460,258,280	1.0048
1994	425,257,385	428,146,420	1.0068
1995	382,405,177	383,813,280	1.0037
1996	370,981,207	373,099,344	1.0057
1997	387,529,359	389,694,677	1.0056
1998	406,484,838	409,039,627	1.0063
1999	430,883,657	433,066,292	1.0051
2000	456,507,580	458,618,580	1.0046
2001	450,731,366	452,465,557	1.0038
2002	505,246,571	509,319,744	1.0081
2003	518,279,493	522,612,625	1.0084
2004	566,166,988	570,030,855	1.0068
2005	585,517,003	589,055,264	1.0060
2006	598,532,649	602,649,785	1.0069
2007	641,366,232	646,923,404	1.0087
2008	580,241,158	583,253,227	1.0052
2009	523,915,396	526,734,799	1.0054
2010	567,681,236	571,736,182	1.0071
2011	574,769,645	579,712,643	1.0086
2012	517,366,175	522,437,943	1.0098
2013	533,135,016	538,382,040	1.0098
2014	543,823,420	547,540,964	1.0068
2015	488,592,218	492,663,354	1.0083
2016	476,219,476	488,263,063	1.0253
2017	491,123,030	520,693,263	1.0602
2018	439,723,545	527,967,636	1.2007
2019	132,021,933	390,714,240	2.9595
2020		92,193,472	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	5,440,807,614	5,460,722,359	1.0037
1991	684,914,793	686,732,988	1.0027
1992	587,114,523	590,767,738	1.0062
1993	445,476,151	447,682,215	1.0050
1994	417,297,866	419,658,820	1.0057
1995	372,025,895	373,638,445	1.0043
1996	361,216,660	363,251,804	1.0056
1997	376,666,890	379,017,132	1.0062
1998	382,638,284	384,506,519	1.0049
1999	411,946,148	413,833,164	1.0046
2000	433,133,432	435,309,201	1.0050
2001	438,266,575	439,501,204	1.0028
2002	506,696,981	510,210,701	1.0069
2003	520,980,553	523,538,856	1.0049
2004	568,355,591	571,648,593	1.0058
2005	586,755,773	590,605,152	1.0066
2006	600,804,463	605,026,580	1.0070
2007	645,438,956	649,631,300	1.0065
2008	579,070,651	581,993,715	1.0050
2009	523,374,514	526,030,852	1.0051
2010	570,085,890	573,610,331	1.0062
2011	580,473,595	584,862,105	1.0076
2012	520,761,139	524,958,343	1.0081
2013	538,184,478	542,122,345	1.0073
2014	547,959,000	552,391,367	1.0081
2015	492,401,040	502,127,678	1.0198
2016	487,677,517	493,950,563	1.0129
2017	519,151,481	531,011,665	1.0228
2018	525,363,102	553,149,391	1.0529
2019	388,833,431	472,537,832	1.2153
2020	91,743,523	346,041,543	3.7718
2021		100,005,179	

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

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
	†	‡	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	□	◻	(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	654,082,428	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	

INDEMNITY CASE RESERVES

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES								
	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	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/11 WEIGHTS	AVERAGE RESERVE LEVEL	INDEMNITY CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR	INDEMNITY CASE RESERVES AS OF 12/31/11 ADJUSTMENT FACTOR
	†	‡	□	(13) = (11) * (12)	†	◻	(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 INCURRED LOSSES AS OF 12/31/10	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/11	INDEMNITY INCURRED LOSSES AS OF 12/31/11 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/10 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	INDEMNITY 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	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	1,126,067,973	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 INDEMNITY INCURRED LOSSES ADJUSTMENT FACTOR	1986 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1986 + (26) - Prior to 1986	(31) = (24) - 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	821,194,253	0.9959	0.8989	0.8952		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION 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 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	0.1420	0.8939	0.1269	0.1275	0.8939	0.1140
						-0.0129
	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
	† (1)	† (2)	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	▫ (7)	(8) = (6) + (7) * (1-(4))	(9) = (8) / (7)
PRIOR TO 1986	5,240,985,150	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	657,879,075	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	1.0159	1.0000

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 WEIGHTS	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 WEIGHTS	AVERAGE RESERVE LEVEL	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	38,649,666	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 INCURRED LOSSES AS OF 12/31/12 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/11 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY 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	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 INDEMNITY INCURRED LOSSES ADJUSTMENT FACTOR	1986 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1986 + (26) - Prior to 1986	(31) = (24) - 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	809,648,409	0.9991	0.8989	0.8980		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0164	0.8939	0.0146			
	CASE RESERVES AS OF 12/31/11 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)
PRIOR TO 1986	0.1282	0.8939	0.1146	0.1127	0.8939	0.1008
						(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 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
	†	‡	(3) = (2) - (1)	(4) = (3) / (2)	(5)	(6) = (4) * (5)	□	(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	659,599,090	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	

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	
	†	‡	□	(13) = (11) * (12)	†	‡	□	(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	37,817,835	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 INCURRED LOSSES AS OF 12/31/13 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/12 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	INDEMNITY 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	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	706,384,606	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 ADJUSTMENT FACTOR	1986 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1986 + (26) - Prior to 1986	(31) = (24) - 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	819,485,178	0.9990	0.8989	0.8980		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
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	659,869.278	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

INDEMNITY CASE RESERVES

POLICY YEAR BEING VALUED	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
	(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	0.0118
1986	18,323.067	0.0224	0.8939	0.0200	16,325.405	0.0199	0.8939	0.0178
1987	16,831.209	0.0170	0.8939	0.0152	15,430.814	0.0156	0.8939	0.0139
1988	23,679.180	0.0211	0.8939	0.0188	21,143.182	0.0188	0.8939	0.0168
1989	35,581.180	0.0273	0.8939	0.0244	30,772.369	0.0236	0.8939	0.0211
1990	36,281.850	0.0273	0.8939	0.0244	32,491.863	0.0244	0.8939	0.0218
1991	40,605.777	0.0350	0.8939	0.0313	36,823.033	0.0318	0.8939	0.0284
1992	40,801.548	0.0415	0.8939	0.0371	35,499.694	0.0362	0.8939	0.0323
1993	34,465.800	0.0409	0.8939	0.0366	31,829.895	0.0377	0.8939	0.0337
1994	35,595.401	0.0463	0.8939	0.0414	31,592.106	0.0411	0.8939	0.0367
1995	23,896.400	0.0369	0.9244	0.0341	21,883.035	0.0337	0.9244	0.0312
1996	18,953.747	0.0349	0.9854	0.0344	17,273.558	0.0318	0.9854	0.0313
1997	12,068.009	0.0217	1.0159	0.0221	9,035.175	0.0163	1.0159	0.0165
1998	8,806.127	0.0155	1.0159	0.0157	8,037.614	0.0141	1.0159	0.0143
1999	10,325.702	0.0161	1.0159	0.0164	9,418.285	0.0147	1.0159	0.0150
2000	15,104.792	0.0222	1.0159	0.0226	12,135.360	0.0179	1.0159	0.0181
2001	15,715.286	0.0233	1.0159	0.0236	13,396.177	0.0198	1.0159	0.0201
2002	26,783.514	0.0383	1.0159	0.0389	23,427.449	0.0335	1.0159	0.0340
2003	29,491.830	0.0439	1.0159	0.0446	25,738.501	0.0382	1.0159	0.0388
2004	44,726.681	0.0636	1.0159	0.0646	38,253.560	0.0543	1.0159	0.0552
2005	37,562.113	0.0531	1.0159	0.0539	30,993.400	0.0437	1.0159	0.0444
2006	48,495.566	0.0663	1.0159	0.0674	40,663.360	0.0554	1.0159	0.0563
2007	55,649.587	0.0728	1.0159	0.0739	44,563.174	0.0581	1.0159	0.0590
2008	56,630.751	0.0794	1.0159	0.0806	39,952.823	0.0558	1.0159	0.0567
2009	70,128.517	0.1094	1.0159	0.1112	46,014.833	0.0715	1.0159	0.0727
2010	114,122.096	0.1742	1.0159	0.1770	74,917.735	0.1107	1.0159	0.1124
2011	162,864.485	0.2789	1.0159	0.2833	100,685.574	0.1568	1.0159	0.1593
2012	181,408.063	0.4645	1.0159	0.4719	139,709.399	0.2591	1.0159	0.2632
2013	77,789.806	0.6575	1.0159	0.6679	185,739.275	0.4572	1.0159	0.4645
2014					78,400.354	0.6463	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 INCURRED LOSSES AS OF 12/31/14 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/13 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/14 ADJUSTMENT FACTOR	INDEMNITY 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	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	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/14	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2014 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/13	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/14
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(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				
			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	820,267,583	0.9990	0.8989	0.8980		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0127	0.8939	0.0113			
	CASE RESERVES AS OF 12/31/13 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)
PRIOR TO 1986	0.0988	0.8939	0.0883	0.0871	0.8939	0.0779
						(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 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	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	673,843,251	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	

INDEMNITY CASE RESERVES

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	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	34,705,283	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	40,241,888	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	1,106,266,081	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 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	809,185,014	0.9983	0.8989	0.8973		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0122	0.8939	0.0109			
	CASE RESERVES AS OF 12/31/14 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)
PRIOR TO 1986	0.0896	0.8939	0.0801	0.0791	0.8939	0.0707
		PRIOR TO 1986 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				(43) = (42) - (39)
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	0.2085	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 12/31/16	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 WEIGHTS	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 INCURRED LOSSES AS OF 12/31/16 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/15 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/16 ADJUSTMENT FACTOR	INDEMNITY 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	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	969,720,217	968,952,153	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 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	802,646,952	0.9996	0.8989	0.8985		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	PAID WEIGHT	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)		
PRIOR TO 1986	0.0097	0.8939	0.0087			
	CASE RESERVES AS OF 12/31/15 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/16 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	0.0787	0.8939	0.0704	0.0694	0.8939	0.0621
						(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 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	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	1.0000

INDEMNITY CASE RESERVES

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17	AVERAGE RESERVE LEVEL	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 ADJUSTMENT FACTOR	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	27,814,156	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	16,583,361	0.0264	1.0159	0.0268
2010	29,455,517	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

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 15 V. 16 VALUATION)
 □ □ 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	0.9106	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	

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	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/17	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2017 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/16	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(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				
			1987 INDEMNITY INCURRED LOSSES ADJUSTMENT FACTOR	1987 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1986 + (26) - Prior to 1986	(31) = (24) - 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1987	965,563,794	0.9988	0.9003	0.8992		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1987	0.0106	0.8939	0.0094			
	CASE RESERVES AS OF 12/31/16 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/17 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 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

INDEMNITY PAID LOSSES

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/17 (1)	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/18 (2)	CALENDAR YEAR 2018 PAID LOSSES (3) = (2) - (1)	CALENDAR YEAR 2018 PAID LOSSES WEIGHTS (4) = (3) / (2)	AVERAGE PAYMENT LEVEL (5)	CALENDAR YEAR 2018 PAID LOSSES ADJUSTMENT FACTOR (6) = (4) * (5)	INDEMNITY PAID LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR (7)	INDEMNITY PAID LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR (8) = (6) + (7) * (1-(4))	17-18 LDF ADJUSTMENT FACTOR (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	208,677,651	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	

INDEMNITY CASE RESERVES

POLICY YEAR BEING VALUED	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/17 (10)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18 WEIGHTS (11) = (10) / (18)	AVERAGE RESERVE LEVEL □ □ (12)	INDEMNITY CASE RESERVES AS OF 12/31/17 ADJUSTMENT FACTOR (13) = (11) * (12)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18 (14)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/18 WEIGHTS (15) = (14) / (19)	AVERAGE RESERVE LEVEL (16)	INDEMNITY CASE RESERVES AS OF 12/31/18 ADJUSTMENT FACTOR (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 INCURRED LOSSES AS OF 12/31/17	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/18	INDEMNITY INCURRED LOSSES AS OF 12/31/18 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/17 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	INDEMNITY 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	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	1,283,967,822	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	726,424,626	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				
			1988 INCURRED LOSSES ADJUSTMENT FACTOR	1988 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1987 + (26) - Prior to 1987	(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)
PRIOR TO 1988	0.0637	0.8939	0.0570	0.0544	0.8930	0.0486
						(43) = (42) - (39)
		PRIOR TO 1988 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1988	0.9016	0.9999				

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/18	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/19	INDEMNITY INCURRED LOSSES AS OF 12/31/19 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/18 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR	INDEMNITY 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	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	514,753,115	0.0009	1.0159	1.0158	0.9999
1999	586,537,040	586,187,998	0.0010	1.0159	1.0158	0.9999
2000	622,484,205	622,741,640	0.0018	1.0159	1.0158	0.9999
2001	632,878,753	632,914,192	0.0024	1.0159	1.0158	0.9999
2002	665,383,227	665,070,131	0.0047	1.0159	1.0157	0.9998
2003	650,093,485	648,706,679	0.0037	1.0159	1.0157	0.9999
2004	684,488,172	684,679,902	0.0075	1.0159	1.0156	0.9998
2005	690,227,385	689,570,339	0.0048	1.0159	1.0157	0.9998
2006	711,269,557	711,935,820	0.0050	1.0159	1.0157	0.9998
2007	748,026,318	747,951,409	0.0050	1.0159	1.0157	0.9998
2008	697,884,714	697,199,628	0.0049	1.0159	1.0157	0.9998
2009	634,374,590	635,540,788	0.0054	1.0159	1.0157	0.9998
2010	656,317,948	657,463,972	0.0100	1.0159	1.0156	0.9997
2011	631,253,595	632,962,317	0.0109	1.0158	1.0155	0.9997
2012	578,653,909	581,406,963	0.0139	1.0158	1.0153	0.9995
2013	577,266,184	576,231,510	0.0128	1.0158	1.0154	0.9996
2014	572,309,775	575,135,388	0.0344	1.0156	1.0148	0.9992
2015	540,419,708	552,234,529	0.0611	1.0153	1.0140	0.9987
2016	481,488,514	523,122,060	0.1583	1.0147	1.0116	0.9970
2017	388,683,934	525,997,010	0.3567	1.0140	1.0078	0.9938
2018	117,806,395	420,154,804	0.4714	1.0142	1.0054	0.9913
2019		125,277,791	0.3565		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				
			1989 INDEMNITY INCURRED LOSSES ADJUSTMENT FACTOR	1989 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) / 1987 + (26) / Prior to 1987	(31) = (25) / 1987 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1989	1,287,507,971	0.9978	0.9033	0.9013		
	PAID WEIGHT	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)
PRIOR TO 1989	0.0567	0.8930	0.0506	0.0499	0.8883	0.0443
						(43) = (42) - (39)
						-0.0063
	PRIOR TO 1989 LDF ADJUSTMENT FACTOR					
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1989	0.9030	0.9996				

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/19	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/20	INDEMNITY INCURRED LOSSES AS OF 12/31/20 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES 19-20 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 1990	9,115,755,461	9,118,307,918	0.0013	0.8981	0.8980	0.9999
1990	1,273,116,298	1,273,377,122	0.0021	0.9063	0.9062	0.9999
1991	1,097,643,730	1,097,374,799	0.0027	0.9104	0.9103	0.9999
1992	918,202,839	919,017,272	0.0035	0.9156	0.9154	0.9998
1993	786,968,468	787,218,026	0.0029	0.9245	0.9243	0.9999
1994	723,344,738	723,717,626	0.0028	0.9358	0.9356	0.9998
1995	594,249,631	594,461,141	0.0023	0.9613	0.9611	0.9999
1996	485,114,198	484,568,745	0.0018	1.0007	1.0006	0.9999
1997	494,511,713	494,782,655	0.0018	1.0158	1.0157	0.9999
1998	493,466,084	493,802,243	0.0009	1.0158	1.0158	0.9999
1999	558,711,050	559,138,574	0.0018	1.0158	1.0158	0.9999
2000	596,378,810	596,559,508	0.0008	1.0158	1.0157	0.9999
2001	606,398,509	606,326,326	0.0016	1.0158	1.0157	0.9999
2002	641,072,914	641,017,511	0.0022	1.0157	1.0156	0.9999
2003	631,967,308	631,071,390	0.0019	1.0157	1.0156	0.9999
2004	675,817,191	675,097,532	0.0047	1.0156	1.0155	0.9999
2005	687,161,371	687,453,693	0.0031	1.0157	1.0156	0.9999
2006	712,809,297	713,668,810	0.0031	1.0157	1.0155	0.9999
2007	749,945,790	751,480,347	0.0039	1.0157	1.0155	0.9998
2008	694,327,694	694,801,451	0.0033	1.0157	1.0156	0.9999
2009	633,107,994	633,336,443	0.0038	1.0157	1.0156	0.9999
2010	653,442,295	654,149,371	0.0047	1.0156	1.0154	0.9998
2011	629,484,334	629,979,600	0.0041	1.0155	1.0153	0.9998
2012	580,833,802	582,559,495	0.0105	1.0153	1.0150	0.9997
2013	582,047,814	582,667,922	0.0109	1.0154	1.0151	0.9998
2014	580,509,597	581,411,975	0.0172	1.0148	1.0145	0.9997
2015	549,926,271	550,125,582	0.0274	1.0140	1.0135	0.9995
2016	520,985,395	526,222,884	0.0625	1.0116	1.0107	0.9990
2017	522,992,640	561,076,478	0.1433	1.0078	1.0059	0.9981
2018	420,244,203	555,458,634	0.3512	1.0054	1.0019	0.9965
2019	125,174,407	392,971,103	0.4677	1.0061	1.0018	0.9957
2020		98,672,821	0.3724		1.0027	

==== CONSISTENT WITH 19@1ST, 18@2ND, 17@3RD, ETC...

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

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/19 (24)	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/20 (25)	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2020 PAID LOSSES (27)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/19 (28)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/20 (29)
PRIOR TO 1990	9,115,755,461	9,118,307,918	2,552,457	11,792,383	81,018,278	71,778,352
1990	1,273,116,298	1,273,377,122				
	(30) = (24) / 1987 + (26) / Prior to 1987	(31) = (24) / 1987 / (30)	1990 INCURRED LOSSES ADJUSTMENT FACTOR (32) = (21)	1990 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
PRIOR TO 1990	1,275,668,755	0.9980	0.9063	0.9045		
	PAID WEIGHT (34) = (27) / (30)	AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1990	0.0092	0.8799	0.0081			
	CASE RESERVES AS OF 12/31/19 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/20 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) (43) = (42) - (39)
PRIOR TO 1990	0.0635	0.8883	0.0564	0.0563	0.8837	0.0497 -0.0067
	PRIOR TO 1990 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1990	0.9059	0.9996				

TABLE I - ADJUSTMENTS TO BRING INDEMNITY DATA FROM THE 20 V. 21 VALUATION TO POST-HB 1840 LEVELS

POLICY YEAR BEING VALUED	INDEMNITY PAID LOSSES								
	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/20 (1)	CUMULATIVE REPORTED INDEMNITY PAID LOSSES AS OF 12/31/21 (2)	CALENDAR YEAR 2021 PAID LOSSES (3) = (2) - (1)	CALENDAR YEAR 2021 PAID LOSSES WEIGHTS (4) = (3) / (2)	AVERAGE PAYMENT LEVEL (5)	CALENDAR YEAR 2021 PAID LOSSES ADJUSTMENT FACTOR (6) = (4) * (5)	INDEMNITY PAID LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR □ (7)	INDEMNITY PAID LOSSES AS OF 12/31/21 ADJUSTMENT FACTOR (8) = (6) + (7) * (1-(4))	20-21 LDF ADJUSTMENT FACTOR (9) = (8) / (7)
PRIOR TO 1991	9,950,544,422	9,961,987,938	11443516	0.0011	0.8799	0.0010	0.8992	0.8992	1.0000
1991	1,045,801,899	1,047,667,498	1865599	0.0018	0.8799	0.0016	0.9108	0.9107	0.9999
1992	863,898,025	866,555,755	2657730	0.0031	0.8799	0.0027	0.9162	0.9161	0.9999
1993	750,332,656	752,672,297	2339641	0.0031	0.8799	0.0027	0.9251	0.9250	0.9998
1994	689,241,763	691,294,413	2052650	0.0030	0.8799	0.0026	0.9368	0.9366	0.9998
1995	565,471,612	566,733,523	1261911	0.0022	0.9099	0.0020	0.9621	0.9619	0.9999
1996	459,849,514	460,731,363	881849	0.0019	0.9700	0.0019	1.0010	1.0010	0.9999
1997	471,916,983	472,419,098	502115	0.0011	1.0000	0.0011	1.0158	1.0158	1.0000
1998	463,148,532	463,565,931	417399	0.0009	1.0000	0.0009	1.0159	1.0159	1.0000
1999	518,924,223	519,779,129	854906	0.0016	1.0000	0.0016	1.0159	1.0158	1.0000
2000	552,361,021	552,819,977	458956	0.0008	1.0000	0.0008	1.0159	1.0158	1.0000
2001	582,295,642	583,069,906	774264	0.0013	1.0000	0.0013	1.0158	1.0158	1.0000
2002	628,375,416	629,704,703	1329287	0.0021	1.0000	0.0021	1.0158	1.0158	1.0000
2003	621,922,502	623,083,822	1161320	0.0019	1.0000	0.0019	1.0158	1.0158	1.0000
2004	660,776,998	662,377,862	1600864	0.0024	1.0000	0.0024	1.0157	1.0157	1.0000
2005	674,107,664	676,001,245	1893581	0.0028	1.0000	0.0028	1.0158	1.0157	1.0000
2006	697,494,181	699,725,576	2231395	0.0032	1.0000	0.0032	1.0158	1.0157	1.0000
2007	733,943,234	735,925,634	1982400	0.0027	1.0000	0.0027	1.0157	1.0157	1.0000
2008	681,120,156	683,426,654	2306498	0.0034	1.0000	0.0034	1.0158	1.0157	0.9999
2009	621,923,934	624,549,795	2625861	0.0042	1.0000	0.0042	1.0157	1.0157	0.9999
2010	638,224,879	641,377,972	3153093	0.0049	1.0000	0.0049	1.0156	1.0156	0.9999
2011	612,115,096	614,693,645	2578549	0.0042	1.0000	0.0042	1.0156	1.0156	0.9999
2012	554,499,135	557,079,395	2580260	0.0046	1.0000	0.0046	1.0154	1.0154	0.9999
2013	566,437,265	569,057,073	2619808	0.0046	1.0000	0.0046	1.0154	1.0154	0.9999
2014	562,227,683	568,709,299	6481616	0.0114	1.0000	0.0114	1.0148	1.0147	0.9998
2015	525,318,271	536,301,231	10982960	0.0205	1.0000	0.0205	1.0140	1.0137	0.9997
2016	489,356,340	500,181,372	10825032	0.0216	1.0000	0.0216	1.0111	1.0109	0.9998
2017	491,945,076	525,308,232	33363156	0.0635	1.0000	0.0635	1.0061	1.0057	0.9996
2018	433,306,295	518,476,721	85170426	0.1643	1.0000	0.1643	1.0012	1.0010	0.9998
2019	227,518,101	404,045,348	176527247	0.4369	1.0000	0.4369	1.0000	1.0000	1.0000
2020	36,544,511	207,205,291	17060780	0.8236	1.0000	0.8236	1.0000	1.0000	1.0000
2021		42,508,759	42508759	1.0000	1.0000	1.0000	1.0000	1.0000	

POLICY YEAR BEING VALUED	INDEMNITY CASE RESERVES								
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/20 (10)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/21 WEIGHTS (11) = (10) / (18)	AVERAGE RESERVE LEVEL □ □ (12)	INDEMNITY CASE RESERVES AS OF 12/31/20 ADJUSTMENT FACTOR (13) = (11) * (12)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/21 (14)	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/21 WEIGHTS (15) = (14) / (19)	AVERAGE RESERVE LEVEL (16)	INDEMNITY CASE RESERVES AS OF 12/31/21 ADJUSTMENT FACTOR (17) = (15) * (16)	
PRIOR TO 1991	85,954,752	0.0086	0.8837	0.0076	78,926,176	0.0079	0.8799	0.0069	
1991	17,879,258	0.0168	0.8837	0.0149	16,553,650	0.0156	0.8799	0.0137	
1992	20,650,452	0.0233	0.8837	0.0206	18,953,644	0.0214	0.8799	0.0188	
1993	15,691,330	0.0205	0.8837	0.0181	13,244,031	0.0173	0.8799	0.0152	
1994	15,681,917	0.0222	0.8837	0.0197	13,960,391	0.0198	0.8799	0.0174	
1995	11,394,835	0.0198	0.9138	0.0180	10,210,850	0.0177	0.9099	0.0161	
1996	7,360,020	0.0158	0.9741	0.0153	6,671,204	0.0143	0.9700	0.0138	
1997	4,987,320	0.0105	1.0043	0.0105	4,108,497	0.0086	1.0000	0.0086	
1998	4,245,879	0.0091	1.0043	0.0091	3,033,777	0.0065	1.0000	0.0065	
1999	4,119,985	0.0079	1.0043	0.0079	2,935,248	0.0056	1.0000	0.0056	
2000	5,919,371	0.0106	1.0043	0.0106	5,046,812	0.0090	1.0000	0.0090	
2001	5,596,829	0.0095	1.0043	0.0096	5,015,915	0.0085	1.0000	0.0085	
2002	9,724,600	0.0152	1.0043	0.0153	8,167,622	0.0128	1.0000	0.0128	
2003	8,587,940	0.0136	1.0043	0.0137	7,761,342	0.0123	1.0000	0.0123	
2004	12,680,918	0.0188	1.0043	0.0189	10,576,386	0.0157	1.0000	0.0157	
2005	11,430,220	0.0167	1.0043	0.0167	10,273,959	0.0150	1.0000	0.0150	
2006	14,732,169	0.0207	1.0043	0.0208	11,531,369	0.0162	1.0000	0.0162	
2007	15,983,212	0.0213	1.0043	0.0214	13,737,330	0.0183	1.0000	0.0183	
2008	10,185,922	0.0147	1.0043	0.0148	8,811,449	0.0127	1.0000	0.0127	
2009	8,489,408	0.0135	1.0043	0.0135	8,113,755	0.0128	1.0000	0.0128	
2010	12,516,132	0.0192	1.0043	0.0193	10,907,213	0.0167	1.0000	0.0167	
2011	15,334,251	0.0244	1.0043	0.0245	13,337,502	0.0212	1.0000	0.0212	
2012	24,233,965	0.0419	1.0043	0.0421	20,109,321	0.0348	1.0000	0.0348	
2013	14,690,386	0.0253	1.0043	0.0254	13,264,495	0.0228	1.0000	0.0228	
2014	19,673,081	0.0338	1.0043	0.0340	16,498,513	0.0282	1.0000	0.0282	
2015	25,076,669	0.0456	1.0043	0.0458	20,496,156	0.0368	1.0000	0.0368	
2016	36,156,327	0.0688	1.0043	0.0691	25,285,217	0.0481	1.0000	0.0481	
2017	68,339,109	0.1220	1.0043	0.1225	41,476,913	0.0732	1.0000	0.0732	
2018	119,505,753	0.2162	1.0043	0.2171	66,041,111	0.1130	1.0000	0.1130	
2019	163,760,357	0.4185	1.0043	0.4203	110,432,817	0.2147	1.0000	0.2147	
2020	61,671,782	0.6279	1.0043	0.6306	138,997,224	0.4015	1.0000	0.4015	
2021					71,638,357	0.6276	1.0000	0.6276	

□ COLUMNS (7) = COLUMN (8) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 19 V. 20 VALUATION)
 □ COLUMNS (13) FROM PREVIOUS PAGE (INDEMNITY DATA FROM THE 19 V. 20 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/20	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/21	INDEMNITY INCURRED LOSSES AS OF 12/31/21 PAID LOSSES WEIGHTS	INDEMNITY INCURRED LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES AS OF 12/31/21 ADJUSTMENT FACTOR	INDEMNITY INCURRED LOSSES 20-21 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 1991	10,036,499,174	10,040,914,114	0.0011	0.8991	0.8990	1.0000
1991	1,063,681,157	1,064,221,148	0.0018	0.9103	0.9102	0.9999
1992	884,548,477	885,509,399	0.0030	0.9154	0.9153	0.9999
1993	766,023,986	765,916,328	0.0031	0.9243	0.9242	0.9999
1994	704,923,680	705,254,804	0.0029	0.9356	0.9355	0.9999
1995	576,866,447	576,944,373	0.0022	0.9611	0.9610	0.9999
1996	467,209,534	467,402,567	0.0019	1.0006	1.0005	0.9999
1997	476,904,303	476,527,595	0.0011	1.0157	1.0157	1.0000
1998	467,394,411	466,599,708	0.0009	1.0158	1.0158	1.0000
1999	523,044,208	522,714,377	0.0016	1.0158	1.0157	1.0000
2000	558,280,392	557,866,789	0.0008	1.0157	1.0157	1.0000
2001	587,892,471	588,085,821	0.0013	1.0157	1.0157	1.0000
2002	638,100,016	637,872,325	0.0021	1.0156	1.0156	0.9999
2003	630,510,442	630,845,164	0.0018	1.0156	1.0156	0.9999
2004	673,457,916	672,954,248	0.0024	1.0155	1.0154	0.9999
2005	685,537,884	686,275,204	0.0028	1.0156	1.0155	0.9999
2006	712,226,350	711,256,945	0.0031	1.0155	1.0154	0.9999
2007	749,926,446	749,662,964	0.0026	1.0155	1.0154	0.9999
2008	691,306,078	692,238,103	0.0033	1.0156	1.0155	0.9999
2009	630,413,342	632,663,550	0.0042	1.0156	1.0155	0.9999
2010	650,741,011	652,285,185	0.0048	1.0154	1.0153	0.9999
2011	627,449,347	628,031,147	0.0041	1.0153	1.0152	0.9999
2012	578,733,100	577,188,716	0.0045	1.0150	1.0148	0.9999
2013	581,127,651	582,321,568	0.0045	1.0151	1.0150	0.9999
2014	581,900,764	585,207,812	0.0111	1.0145	1.0143	0.9998
2015	550,394,940	556,797,387	0.0197	1.0135	1.0132	0.9997
2016	525,512,667	525,466,589	0.0206	1.0107	1.0104	0.9997
2017	560,284,185	566,785,145	0.0589	1.0059	1.0053	0.9994
2018	552,812,048	584,517,832	0.1457	1.0019	1.0009	0.9990
2019	391,278,458	514,478,165	0.3431	1.0018	1.0000	0.9982
2020	98,216,293	346,202,515	0.4930	1.0027	1.0000	0.9973
2021		114,147,116	0.3724		1.0000	

□ □ □ CONSISTENT WITH 20@1ST, 19@2ND, 18@3RD, ETC . . .

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

	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/20	CUMULATIVE REPORTED INDEMNITY INCURRED LOSSES AS OF 12/31/21	CUMULATIVE INDEMNITY INCURRED LOSSES CHANGE	CALENDAR YEAR 2021 PAID LOSSES	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/20	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/21
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1991	10,036,499,174	10,040,914,114	4,414,940	11,443,516	85,954,752	78,926,176
1991	1,063,681,157	1,064,221,148				
			1991 INDEMNITY INCURRED LOSSES	1991 INDEMNITY INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1987 + (26) - Prior to 1987	(31) = (24) - 1987 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1991	1,068,096,097	0.9959	0.9103	0.9065		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1991	0.0107	0.8799	0.0094			
	CASE RESERVES AS OF 12/31/20 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/21 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 1991	0.0805	0.8837	0.0711	0.0739	0.8799	0.0650 -0.0061
		PRIOR TO 1991 LDF ADJUSTMENT FACTOR				
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1991	0.9099	0.9995				

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	0.6902	0.7008	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	

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES								
	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	828,772,872	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	418,208,070	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	585,616,632	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				
			1986 INCURRED LOSSES ADJUSTMENT FACTOR	1986 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
			(30) = (24)_1986 / (30)	(31) = (24)_1986 / (30)		(32) = (21)
PRIOR TO 1986	470,599,999	0.9716	0.7131	0.6928		
			AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR		
			(34) = (27) / (30)	(35) = (5)		(36) = (34) * (35)
PRIOR TO 1986	0.0303	0.9908	0.0300			
			CASE RESERVES AS OF 12/31/09 WEIGHT	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/09 WEIGHT	AVERAGE RESERVE LEVEL
			(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)
PRIOR TO 1986	0.3187	0.9908	0.3158	0.3168	0.9908	0.3139
			PRIOR TO 1986 LDF ADJUSTMENT FACTOR			
			(44) = (33) + (36) + (43)	(45) = (44) / (32)		(43) = (42) - (39)
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	0.8463	0.8496	1.0015
1994	418,313,168	423,380,195	5,067,027	0.0120	0.9908	0.0119	0.8680	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	1.0038
1986	460,769,958	462,390,612	0.0066	0.7176	0.7186	1.0013
1987	590,420,128	593,517,003	0.0068	0.7401	0.7414	1.0018
1988	694,550,375	701,075,542	0.0062	0.7579	0.7600	1.0029
1989	817,683,075	824,445,149	0.0057	0.7810	0.7827	1.0022
1990	833,565,827	839,785,022	0.0060	0.7972	0.7986	1.0018
1991	768,088,511	768,639,947	0.0074	0.8205	0.8206	1.0001
1992	659,149,835	664,583,187	0.0103	0.8408	0.8421	1.0015
1993	496,548,113	499,421,389	0.0084	0.8583	0.8590	1.0009
1994	450,066,775	456,425,413	0.0111	0.8767	0.8782	1.0018
1995	422,250,237	425,422,256	0.0083	0.8940	0.8947	1.0008
1996	420,940,960	424,191,525	0.0097	0.9116	0.9122	1.0007
1997	448,477,110	452,920,198	0.0102	0.9262	0.9269	1.0007
1998	492,545,469	488,153,639	0.0164	0.9428	0.9424	0.9995
1999	519,153,850	528,818,390	0.0118	0.9557	0.9564	1.0007
2000	539,014,363	540,806,945	0.0132	0.9695	0.9695	1.0001
2001	516,459,086	521,969,354	0.0110	0.9821	0.9822	1.0001
2002	541,614,044	549,797,130	0.0153	0.9946	0.9945	0.9999
2003	547,577,293	552,082,650	0.0152	1.0061	1.0059	0.9999
2004	585,304,918	591,864,297	0.0164	1.0164	1.0162	0.9997
2005	606,209,776	613,039,319	0.0176	1.0254	1.0250	0.9996
2006	606,478,203	614,118,827	0.0246	1.0333	1.0328	0.9995
2007	663,641,543	675,997,480	0.0366	1.0371	1.0363	0.9992
2008	585,273,016	607,148,978	0.0706	1.0347	1.0331	0.9985
2009	503,696,574	544,282,560	0.1662	1.0057	1.0046	0.9989
2010	252,519,776	562,019,372	0.5043	0.9908	0.9908	1.0000
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	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/11	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2011 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/10	REPORTED MEDICAL CASE RESERVES AS OF 12/31/11	
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(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	1986			
			INCURRED LOSSES	INCURRED LOSSES			
			WEIGHT	WEIGHTED			
			ADJUSTMENT	ADJUSTMENT			
			FACTOR	FACTOR			
	(30) = (24) / 1986	(31) = (25) / 1986	(32) = (26) / (30)	(33) = (27) * (32)			
PRIOR TO 1986	484,490,601	0.9510	0.7176	0.6825			
			AVERAGE	PAID PORTION			
			PAYMENT	ADJUSTMENT			
			LEVEL	FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)				
PRIOR TO 1986	0.0325	0.9908	0.0322				
			RESERVE	CASE RESERVES	AVERAGE	RESERVE	
			WEIGHTED	AS OF 12/31/10	RESERVE	WEIGHTED	
			ADJUSTMENT	WEIGHT	LEVEL	ADJUSTMENT	
	(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(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	462,535,187	466,935,388	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	538,313,279	546,495,864	8,182,585	0.0150	0.9908	0.0148	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	

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	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	49,261,526	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	45,882,989	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	84,643,460	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	483,562,917	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	1986 INCURRED LOSSES		
			WEIGHT	ADJUSTMENT		
			FACTOR	FACTOR		
	(30) = (24) / 1986	(31) = (24) / 1986 / (30)	(32) = (26) / (21)	(33) = (31) * (32)		
PRIOR TO 1986	+ (26) / Prior to 1986					
	462,886,295	0.9902	0.7186	0.7116		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0332	0.9908	0.0329			
	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)
PRIOR TO 1986	0.3367	0.9908	0.3336	0.3134	0.9908	0.3105
						(43) = (42) - (39)
		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	443,063,198	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	559,787,978	569,198,143	9,410,165	0.0165	0.9908	0.0164	1.0282	1.0276	0.9994
2006	563,859,009	576,523,903	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	413,318,398	518,626,995	105,308,597	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	

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
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(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
1986	25,620,892	0.0551	0.9908	0.0545	24,245,013	0.0519	0.9908	0.0514
1987	34,317,012	0.0576	0.9908	0.0571	34,241,579	0.0571	0.9908	0.0566
1988	34,448,674	0.0490	0.9908	0.0486	36,447,854	0.0514	0.9908	0.0510
1989	50,492,605	0.0609	0.9908	0.0604	47,693,632	0.0573	0.9908	0.0568
1990	34,958,920	0.0416	0.9908	0.0412	33,701,711	0.0398	0.9908	0.0395
1991	43,950,851	0.0568	0.9908	0.0563	44,606,641	0.0572	0.9908	0.0567
1992	45,679,060	0.0683	0.9908	0.0676	44,690,417	0.0662	0.9908	0.0656
1993	32,510,479	0.0647	0.9908	0.0641	29,325,464	0.0581	0.9908	0.0576
1994	36,730,599	0.0791	0.9908	0.0783	34,025,046	0.0729	0.9908	0.0722
1995	31,493,081	0.0731	0.9908	0.0725	29,877,507	0.0689	0.9908	0.0683
1996	38,550,804	0.0904	0.9908	0.0895	36,482,782	0.0846	0.9908	0.0838
1997	37,027,702	0.0818	0.9908	0.0811	36,801,742	0.0806	0.9908	0.0799
1998	40,878,430	0.0832	0.9908	0.0824	39,719,812	0.0803	0.9908	0.0795
1999	43,844,622	0.0835	0.9908	0.0827	41,863,442	0.0792	0.9908	0.0785
2000	38,061,741	0.0709	0.9908	0.0702	36,168,878	0.0668	0.9908	0.0662
2001	30,712,990	0.0595	0.9908	0.0590	28,629,984	0.0551	0.9908	0.0546
2002	40,996,807	0.0750	0.9908	0.0743	38,972,333	0.0706	0.9908	0.0699
2003	40,375,390	0.0724	0.9908	0.0717	35,112,162	0.0628	0.9908	0.0622
2004	45,995,761	0.0774	0.9908	0.0766	45,326,260	0.0751	0.9908	0.0744
2005	51,320,106	0.0840	0.9908	0.0832	50,186,163	0.0810	0.9908	0.0803
2006	54,825,502	0.0886	0.9908	0.0878	46,335,056	0.0744	0.9908	0.0737
2007	67,103,721	0.0997	0.9908	0.0988	62,807,787	0.0922	0.9908	0.0914
2008	56,860,158	0.0936	0.9908	0.0928	50,465,650	0.0820	0.9908	0.0813
2009	64,511,976	0.1159	0.9908	0.1148	52,462,056	0.0929	0.9908	0.0920
2010	104,149,454	0.1719	0.9908	0.1703	83,222,728	0.1328	0.9908	0.1316
2011	150,288,762	0.2667	0.9908	0.2642	95,917,410	0.1561	0.9908	0.1546
2012	130,707,754	0.5277	0.9908	0.5229	143,635,481	0.2682	0.9908	0.2658
2013					142,316,968	0.5452	0.9908	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-(120)+(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	456,569,044	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	626,486,592	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	1986 INCURRED LOSSES		
			WEIGHT	ADJUSTMENT		
			FACTOR	FACTOR		
	(30) = (24) / 1986	(31) = (24) / 1986 / (30)	(32) = (26) / (21)	(33) = (31) * (32)		
PRIOR TO 1986	+ (26) / Prior to 1986					
	467,342,537	0.9958	0.7204	0.7174		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)		
PRIOR TO 1986	0.0302	0.9908	0.0299			
	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	0.7933	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	480,623,749	5,137,514	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	0.8897	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	513,206,673	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	585,507,536	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	413,710,790	295,679,806	0.7147	0.9908	0.7081	0.9908	0.9908	1.0000
2014		123,567,026	123,567,026	1.0000	0.9908	0.9908	0.9908	0.9908	

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	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	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
	(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	614,975,637	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	630,169,991	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)

	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		
			ADJUSTMENT FACTOR	ADJUSTMENT FACTOR		
	(30) = (24) / 1986	(31) = (24) / 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	+ (26) / Prior to 1986	0.9856	0.7214	0.7110		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	PAID WEIGHT	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1986	0.0295	0.9908	0.0293			
	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
						(43) = (42) - (39)
		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	436,652,820	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	613,132,926	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	421,127,864	426,295,021	5,167,157	0.0121	1.0000	0.0121	0.8736	0.8751	1.0018
1995	386,143,407	388,966,950	2,823,543	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	570,062,860	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	0.0690	0.9939	0.0687
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	0.0598	0.9908	0.0592	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	594,939,990	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	409,695,200	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	249,508,896	0.4569	0.9908	0.9964	1.0057
2015					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				
				1986 INCURRED LOSSES		
				WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1986	(31) = (24) - 1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	456,861,445	1.0044	0.7216	0.7248		
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)		
PRIOR TO 1986	0.0289	1.0000	0.0289			
	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)
PRIOR TO 1986	0.2781	0.9908	0.2756	0.2449	0.9939	0.2434
						(43) = (42) - (39)
		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	550,891,582	5,445,714	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	1.0343	1.0338	0.9995
2007	601,294,426	609,961,927	8,667,501	0.0142	1.0000	0.0142	1.0388	1.0383	0.9995
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	0.2064	1.0000	0.2064	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	

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	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	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/16 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	□ □	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1986	110,775,045	0.0427	0.9939	0.0425	103,505,323	0.0398	0.9969	0.0397
1986	17,623,819	0.0390	0.9939	0.0387	17,695,796	0.0389	0.9969	0.0388
1987	29,449,530	0.0505	0.9939	0.0502	26,512,953	0.0455	0.9969	0.0453
1988	30,672,367	0.0448	0.9939	0.0445	28,604,423	0.0417	0.9969	0.0416
1989	45,830,339	0.0566	0.9939	0.0563	43,997,712	0.0541	0.9969	0.0539
1990	32,299,262	0.0395	0.9939	0.0393	31,016,891	0.0378	0.9969	0.0377
1991	38,574,662	0.0521	0.9939	0.0518	34,297,580	0.0464	0.9969	0.0462
1992	35,150,796	0.0559	0.9939	0.0556	31,547,717	0.0500	0.9969	0.0499
1993	25,121,575	0.0526	0.9939	0.0522	24,302,944	0.0506	0.9969	0.0505
1994	29,033,226	0.0664	0.9939	0.0660	26,524,330	0.0604	0.9969	0.0602
1995	27,498,243	0.0694	0.9939	0.0690	24,867,482	0.0628	0.9969	0.0626
1996	29,206,075	0.0767	0.9939	0.0763	27,480,607	0.0718	0.9969	0.0716
1997	31,760,918	0.0789	0.9939	0.0784	29,690,943	0.0734	0.9969	0.0732
1998	31,573,027	0.0767	0.9939	0.0762	28,579,956	0.0694	0.9969	0.0692
1999	31,561,799	0.0708	0.9939	0.0704	29,777,361	0.0666	0.9969	0.0664
2000	28,201,063	0.0612	0.9939	0.0608	26,843,187	0.0580	0.9969	0.0578
2001	24,147,830	0.0534	0.9939	0.0530	21,041,943	0.0464	0.9969	0.0463
2002	35,930,284	0.0724	0.9939	0.0719	30,565,277	0.0614	0.9969	0.0612
2003	28,486,531	0.0568	0.9939	0.0564	26,761,312	0.0530	0.9969	0.0528
2004	37,611,379	0.0663	0.9939	0.0659	32,132,344	0.0567	0.9969	0.0565
2005	41,434,804	0.0706	0.9939	0.0702	40,876,858	0.0691	0.9969	0.0689
2006	45,080,588	0.0749	0.9939	0.0744	39,077,730	0.0646	0.9969	0.0644
2007	42,202,040	0.0656	0.9939	0.0652	37,508,642	0.0579	0.9969	0.0578
2008	40,439,340	0.0691	0.9939	0.0687	33,580,642	0.0575	0.9969	0.0573
2009	37,291,343	0.0702	0.9939	0.0698	39,191,403	0.0726	0.9969	0.0724
2010	63,928,146	0.1062	0.9939	0.1056	54,552,196	0.0908	0.9969	0.0905
2011	46,321,619	0.0803	0.9939	0.0798	41,854,302	0.0720	0.9969	0.0717
2012	57,272,899	0.1118	0.9939	0.1111	42,658,853	0.0829	0.9969	0.0827
2013	102,300,034	0.1870	0.9939	0.1859	78,578,627	0.1409	0.9969	0.1405
2014	135,201,558	0.2706	0.9939	0.2690	75,541,433	0.1413	0.9969	0.1408
2015	118,084,208	0.5452	0.9926	0.5411	140,572,175	0.2995	0.9963	0.2984
2016					111,501,913	0.5575	0.9957	0.5551

† 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	740,217,825	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	0.0080	0.9441	0.9444	1.0003
1999	445,660,179	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	601,762,023	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				
			1986 INCURRED LOSSES	1986 INCURRED LOSSES		
			ADJUSTMENT FACTOR	ADJUSTMENT FACTOR		
	(30) = (24)_1986	(31) = (24)_1986 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1986	+ (26)_Prior to 1986	0.9907	0.7214	0.7147		
	456,674,050					
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	PAID WEIGHT	(35) = (5)	(36) = (34) * (35)			
	(34) = (27) / (30)					
PRIOR TO 1986	0.0252	1.0000	0.0252			
	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)
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	569,661,514	575,279,188	5,617,674	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	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	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	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	26,320,809	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	411,928,776	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	452,128,932	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	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/17	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2017 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/16	REPORTED MEDICAL CASE RESERVES AS OF 12/31/17
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(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				
			1987 INCURRED LOSSES	1987 INCURRED LOSSES		
			ADJUSTMENT FACTOR	WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) - 1987	(31) = (24) - 1987 / (30)	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1987	+ (26) - Prior to 1987	0.9952	0.7464	0.7428		
	589,158,005					
		AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
		(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1987	0.0218	1.0000	0.0218			
		AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/16 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR
		(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(42) = (40) * (41)
PRIOR TO 1987	0.2030	0.9969	0.2023	0.1860	1.0000	0.1860
						(43) = (42) - (39)
						-0.0164
		PRIOR TO 1987 LDF ADJUSTMENT FACTOR				
		(44) = (33) + (36) + (43)	(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	672,480,387	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	578,052,821	586,085,243	8,032,422	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	564,390,015	569,408,613	5,018,598	0.0088	1.0000	0.0088	1.0343	1.0340	0.9997
2009	508,631,881	511,931,101	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	510,981,553	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	

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	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	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	498,227,801	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	587,805,222	0.0072	0.9920	0.9920	1.0000
2012	547,633,062	547,781,065	0.0107	0.9926	0.9926	1.0000
2013	572,944,058	565,288,110	0.0080	0.9941	0.9940	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	517,512,802	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	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/18	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2018 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/17	REPORTED MEDICAL CASE RESERVES AS OF 12/31/18			
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(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							
			1988	1988					
			INCURRED LOSSES	INCURRED LOSSES					
			WEIGHT	WEIGHTED					
			ADJUSTMENT	ADJUSTMENT					
			FACTOR	FACTOR					
			(30) = (24) / (25)	(31) = (24) / (25)					
			(32) = (26) / (27)	(33) = (31) * (32)					
PRIOR TO 1988	711,885,423	0.9772	0.7641	0.7466					
			AVERAGE	PAID PORTION					
			PAYMENT	ADJUSTMENT					
			LEVEL	FACTOR					
			(34) = (27) / (30)	(35) = (34) * (35)					
PRIOR TO 1988	0.0232	1.0000	0.0232						
			CASE RESERVES	AVERAGE	RESERVE	RESERVE			
			AS OF 12/31/17	RESERVE	WEIGHTED	WEIGHTED			
			WEIGHT	LEVEL	ADJUSTMENT	ADJUSTMENT			
			(37) = (28) / (30)	(38) = (12)	(39) = (37) * (38)	(40) = (29) / (30)	(41) = (16)	(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	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 MEDICAL 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	404,009,279	2,818,641	0.0070	1.0000	0.0070	0.9260	0.9266	1.0006
1998	421,287,091	424,065,715	2,778,624	0.0066	1.0000	0.0066	0.9413	0.9417	1.0004
1999	447,632,180	451,451,855	3,819,675	0.0085	1.0000	0.0085	0.9556	0.9560	1.0004
2000	474,784,069	478,352,905	3,568,836	0.0075	1.0000	0.0075	0.9696	0.9698	1.0002
2001	466,602,460	469,641,321	3,038,861	0.0065	1.0000	0.0065	0.9824	0.9825	1.0001
2002	516,219,044	522,212,054	5,993,010	0.0115	1.0000	0.0115	0.9950	0.9950	1.0001
2003	528,354,582	532,508,602	4,154,020	0.0078	1.0000	0.0078	1.0063	1.0062	1.0000
2004	569,382,359	574,248,264	4,865,905	0.0085	1.0000	0.0085	1.0167	1.0166	0.9999
2005	586,865,507	591,380,633	4,515,126	0.0076	1.0000	0.0076	1.0258	1.0256	0.9998
2006	596,058,378	601,128,044	5,069,666	0.0084	1.0000	0.0084	1.0330	1.0327	0.9997
2007	642,213,879	647,355,070	5,141,191	0.0079	1.0000	0.0079	1.0375	1.0372	0.9997
2008	583,067,591	587,480,805	4,413,214	0.0075	1.0000	0.0075	1.0340	1.0337	0.9998
2009	524,983,208	527,521,934	2,538,726	0.0048	1.0000	0.0048	1.0048	1.0048	1.0000
2010	571,442,018	576,791,041	5,349,023	0.0093	1.0000	0.0093	0.9913	0.9914	1.0001
2011	568,296,747	572,914,200	4,617,453	0.0081	1.0000	0.0081	0.9915	0.9915	1.0001
2012	513,572,085	519,384,430	5,812,345	0.0112	1.0000	0.0112	0.9919	0.9920	1.0001
2013	525,890,916	530,652,525	4,761,609	0.0090	1.0000	0.0090	0.9934	0.9935	1.0001
2014	533,613,189	539,878,915	6,265,726	0.0116	1.0000	0.0116	0.9980	0.9981	1.0000
2015	481,108,480	490,903,853	9,795,373	0.0200	1.0000	0.0200	1.0000	1.0000	1.0000
2016	449,653,109	476,836,674	27,183,565	0.0570	1.0000	0.0570	1.0000	1.0000	1.0000
2017	399,208,679	493,075,169	93,866,490	0.1904	1.0000	0.1904	1.0000	1.0000	1.0000
2018	125,134,296	438,304,866	313,170,570	0.7145	1.0000	0.7145	1.0000	1.0000	1.0000
2019		132,369,342	132,369,342	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	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	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/19 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	□ □	(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	29,064,822	0.0382	1.0000	0.0382
1992	26,231,662	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	25,777,510	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	26,492,129	0.0477	1.0000	0.0477	22,222,351	0.0401	1.0000	0.0401
2004	31,703,988	0.0527	1.0000	0.0527	27,074,231	0.0450	1.0000	0.0450
2005	35,635,355	0.0572	1.0000	0.0572	35,288,508	0.0563	1.0000	0.0563
2006	33,805,653	0.0537	1.0000	0.0537	29,401,031	0.0466	1.0000	0.0466
2007	28,145,206	0.0420	1.0000	0.0420	23,509,503	0.0350	1.0000	0.0350
2008	25,692,035	0.0422	1.0000	0.0422	22,567,618	0.0370	1.0000	0.0370
2009	27,917,206	0.0505	1.0000	0.0505	25,150,664	0.0455	1.0000	0.0455
2010	44,100,779	0.0716	1.0000	0.0716	40,319,683	0.0653	1.0000	0.0653
2011	36,467,682	0.0603	1.0000	0.0603	34,317,294	0.0565	1.0000	0.0565
2012	48,617,542	0.0865	1.0000	0.0865	50,526,957	0.0887	1.0000	0.0887
2013	50,297,571	0.0873	1.0000	0.0873	42,423,793	0.0740	1.0000	0.0740
2014	45,957,377	0.0793	1.0000	0.0793	36,487,188	0.0633	1.0000	0.0633
2015	56,945,846	0.1058	1.0000	0.1058	48,108,523	0.0893	1.0000	0.0893
2016	67,810,217	0.1310	1.0000	0.1310	47,645,949	0.0908	1.0000	0.0908
2017	151,210,531	0.2747	1.0000	0.2747	82,170,034	0.1428	1.0000	0.1428
2018	166,340,418	0.5707	1.0000	0.5707	190,465,971	0.3029	1.0000	0.3029
2019					158,090,242	0.5443	1.0000	0.5443

□ 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 12/31/18	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	465,067,213	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	423,233,532	0.0067	0.9300	0.9299	0.9999
1998	453,209,105	454,120,904	0.0061	0.9455	0.9456	1.0001
1999	471,713,763	472,646,942	0.0081	0.9579	0.9579	1.0001
2000	500,509,424	501,748,381	0.0071	0.9712	0.9712	1.0001
2001	483,817,083	484,283,702	0.0063	0.9830	0.9831	1.0000
2002	550,387,588	548,900,326	0.0109	0.9953	0.9953	1.0000
2003	554,846,711	554,730,953	0.0075	1.0060	1.0060	1.0000
2004	601,086,347	601,322,495	0.0081	1.0158	1.0158	1.0000
2005	622,500,862	626,669,141	0.0072	1.0244	1.0242	0.9998
2006	629,864,031	630,529,075	0.0080	1.0312	1.0312	1.0000
2007	670,359,085	670,864,573	0.0077	1.0359	1.0359	1.0000
2008	608,759,626	610,048,423	0.0072	1.0326	1.0325	0.9999
2009	552,900,414	552,672,598	0.0046	1.0046	1.0046	1.0000
2010	615,542,797	617,110,724	0.0087	0.9920	0.9920	1.0000
2011	604,764,429	607,231,494	0.0076	0.9920	0.9920	1.0000
2012	562,189,627	569,911,387	0.0102	0.9926	0.9927	1.0001
2013	576,188,487	573,076,318	0.0083	0.9940	0.9940	1.0000
2014	579,570,566	576,366,103	0.0109	0.9982	0.9982	1.0000
2015	538,054,326	539,012,376	0.0182	1.0000	1.0000	1.0000
2016	517,463,326	524,482,623	0.0518	1.0000	1.0000	1.0000
2017	550,419,210	575,245,203	0.1632	1.0000	1.0000	1.0000
2018	291,474,714	628,770,837	0.4981	1.0000	1.0000	1.0000
2019		290,459,584	0.4557		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	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/19	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2019 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/18	REPORTED MEDICAL CASE RESERVES AS OF 12/31/19
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(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	1989 INCURRED LOSSES		
			ADJUSTMENT FACTOR	WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) / (25)	(31) = (24) / (25)	(32) = (26) / (27)	(33) = (31) * (32)		
PRIOR TO 1989	0.9925	0.9925	0.7899	0.7840		
	AVERAGE PAYMENT LEVEL		PAID PORTION ADJUSTMENT FACTOR			
	(35) = (27) / (30)		(36) = (34) * (35)			
PRIOR TO 1989	0.0203	1.0000	0.0203			
	CASE RESERVES AS OF 12/31/18 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 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)		(45) = (44) / (32)			
PRIOR TO 1989	0.7915	1.0020				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 19 V. 20 VALUATION TO POST-HB 1846

MEDICAL PAID LOSSES									
POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/19	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/20	CALENDAR YEAR 2020 PAID LOSSES	CALENDAR YEAR 2020 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2020 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR [□]	MEDICAL PAID LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR	19-20 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 1990	4,810,592,860	4,831,139,175	20,545,315	0.0043	1.0000	0.0043	0.7225	0.7237	1.0016
1990	790,659,530	793,574,310	2,914,780	0.0037	1.0000	0.0037	0.7984	0.7991	1.0009
1991	706,081,097	708,481,471	2,400,374	0.0034	1.0000	0.0034	0.8187	0.8193	1.0008
1992	605,110,487	608,254,741	3,144,254	0.0052	1.0000	0.0052	0.8417	0.8425	1.0010
1993	458,039,317	460,258,280	2,218,963	0.0048	1.0000	0.0048	0.8594	0.8601	1.0008
1994	425,257,385	428,146,420	2,889,035	0.0067	1.0000	0.0067	0.8797	0.8805	1.0009
1995	382,405,177	383,813,280	1,408,103	0.0037	1.0000	0.0037	0.8945	0.8949	1.0004
1996	370,981,207	373,099,344	2,118,137	0.0057	1.0000	0.0057	0.9115	0.9120	1.0006
1997	387,529,359	389,694,677	2,165,318	0.0056	1.0000	0.0056	0.9266	0.9270	1.0004
1998	406,484,838	409,039,627	2,554,789	0.0062	1.0000	0.0062	0.9417	0.9421	1.0004
1999	430,883,657	433,066,292	2,182,635	0.0050	1.0000	0.0050	0.9560	0.9562	1.0002
2000	456,507,580	458,618,580	2,111,000	0.0046	1.0000	0.0046	0.9698	0.9700	1.0001
2001	450,731,366	452,465,557	1,734,191	0.0038	1.0000	0.0038	0.9825	0.9826	1.0001
2002	505,246,571	509,319,744	4,073,173	0.0080	1.0000	0.0080	0.9950	0.9951	1.0000
2003	518,279,493	522,612,625	4,333,132	0.0083	1.0000	0.0083	1.0062	1.0062	0.9999
2004	566,166,988	570,030,855	3,863,867	0.0068	1.0000	0.0068	1.0166	1.0164	0.9999
2005	585,517,003	589,055,264	3,538,261	0.0060	1.0000	0.0060	1.0256	1.0255	0.9998
2006	598,532,649	602,649,785	4,117,136	0.0068	1.0000	0.0068	1.0327	1.0325	0.9998
2007	641,366,232	646,923,404	5,557,172	0.0086	1.0000	0.0086	1.0372	1.0369	0.9997
2008	580,241,158	583,253,227	3,012,069	0.0052	1.0000	0.0052	1.0337	1.0336	0.9998
2009	523,915,396	526,734,799	2,819,403	0.0054	1.0000	0.0054	1.0048	1.0048	1.0000
2010	567,681,236	571,736,182	4,054,946	0.0071	1.0000	0.0071	0.9914	0.9915	1.0001
2011	574,769,645	579,712,643	4,942,998	0.0085	1.0000	0.0085	0.9915	0.9916	1.0001
2012	517,366,175	522,437,943	5,071,768	0.0097	1.0000	0.0097	0.9920	0.9921	1.0001
2013	533,135,016	536,362,040	5,247,024	0.0097	1.0000	0.0097	0.9935	0.9935	1.0001
2014	543,823,420	547,540,964	3,717,544	0.0068	1.0000	0.0068	0.9981	0.9981	1.0000
2015	488,592,218	492,663,354	4,071,136	0.0083	1.0000	0.0083	1.0000	1.0000	1.0000
2016	476,219,476	488,263,063	12,043,587	0.0247	1.0000	0.0247	1.0000	1.0000	1.0000
2017	491,123,030	520,693,263	29,570,233	0.0568	1.0000	0.0568	1.0000	1.0000	1.0000
2018	439,723,545	527,967,636	88,244,091	0.1671	1.0000	0.1671	1.0000	1.0000	1.0000
2019	132,021,933	390,714,240	258,692,307	0.6621	1.0000	0.6621	1.0000	1.0000	1.0000
2020		92,193,472	92,193,472	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

MEDICAL CASE RESERVES								
POLICY YEAR BEING VALUED	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	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/20	REPORTED MEDICAL CASE RESERVES AS OF 12/31/20 WEIGHTS	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/20 ADJUSTMENT FACTOR
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	(17) = (15) * (16)
PRIOR TO 1990	185,658,468	0.0372	1.0000	0.0372	177,906,455	0.0355	1.0000	0.0355
1990	23,980,155	0.0294	1.0000	0.0294	22,109,279	0.0271	1.0000	0.0271
1991	28,578,548	0.0389	1.0000	0.0389	26,149,930	0.0356	1.0000	0.0356
1992	24,301,280	0.0386	1.0000	0.0386	25,329,350	0.0400	1.0000	0.0400
1993	15,348,227	0.0324	1.0000	0.0324	13,614,789	0.0287	1.0000	0.0287
1994	22,440,352	0.0501	1.0000	0.0501	19,719,381	0.0440	1.0000	0.0440
1995	18,264,758	0.0456	1.0000	0.0456	17,382,275	0.0433	1.0000	0.0433
1996	18,995,375	0.0487	1.0000	0.0487	16,932,843	0.0434	1.0000	0.0434
1997	19,175,020	0.0471	1.0000	0.0471	20,594,906	0.0502	1.0000	0.0502
1998	28,983,410	0.0666	1.0000	0.0666	25,937,734	0.0596	1.0000	0.0596
1999	20,768,069	0.0460	1.0000	0.0460	18,485,100	0.0409	1.0000	0.0409
2000	21,643,805	0.0453	1.0000	0.0453	22,201,431	0.0462	1.0000	0.0462
2001	14,271,818	0.0307	1.0000	0.0307	11,828,688	0.0255	1.0000	0.0255
2002	25,601,107	0.0482	1.0000	0.0482	20,378,978	0.0385	1.0000	0.0385
2003	21,982,689	0.0407	1.0000	0.0407	19,449,450	0.0359	1.0000	0.0359
2004	26,454,716	0.0446	1.0000	0.0446	21,077,972	0.0357	1.0000	0.0357
2005	35,301,823	0.0569	1.0000	0.0569	35,120,970	0.0563	1.0000	0.0563
2006	29,472,786	0.0469	1.0000	0.0469	30,042,982	0.0475	1.0000	0.0475
2007	23,507,316	0.0354	1.0000	0.0354	22,305,361	0.0333	1.0000	0.0333
2008	22,398,692	0.0372	1.0000	0.0372	21,096,319	0.0349	1.0000	0.0349
2009	21,406,970	0.0393	1.0000	0.0393	18,481,065	0.0339	1.0000	0.0339
2010	37,630,507	0.0622	1.0000	0.0622	35,258,482	0.0581	1.0000	0.0581
2011	34,027,877	0.0559	1.0000	0.0559	32,933,498	0.0538	1.0000	0.0538
2012	50,580,703	0.0891	1.0000	0.0891	45,261,495	0.0797	1.0000	0.0797
2013	32,397,368	0.0573	1.0000	0.0573	27,831,079	0.0492	1.0000	0.0492
2014	39,186,314	0.0672	1.0000	0.0672	35,505,738	0.0609	1.0000	0.0609
2015	47,755,818	0.0890	1.0000	0.0890	39,362,002	0.0740	1.0000	0.0740
2016	49,544,043	0.0942	1.0000	0.0942	37,853,860	0.0719	1.0000	0.0719
2017	72,880,409	0.1292	1.0000	0.1292	52,831,243	0.0921	1.0000	0.0921
2018	190,259,747	0.3020	1.0000	0.3020	114,223,242	0.1779	1.0000	0.1779
2019	156,851,474	0.5430	1.0000	0.5430	136,630,571	0.2591	1.0000	0.2591
2020					135,476,757	0.5951	1.0000	0.5951

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 18 V. 19 VALUATION)
 □ □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 18 V. 19 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/19	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/20	MEDICAL INCURRED LOSSES AS OF 12/31/20 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/19 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 19-20 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 1990	4,996,251,328	5,009,044,630	0.0041	0.7328	0.7335	1.0009
1990	814,639,685	815,683,589	0.0036	0.8043	0.8046	1.0003
1991	734,659,645	734,631,401	0.0033	0.8257	0.8257	1.0000
1992	629,411,767	633,584,091	0.0050	0.8478	0.8488	1.0012
1993	473,387,544	473,873,069	0.0047	0.8640	0.8641	1.0002
1994	447,697,737	447,865,801	0.0065	0.8857	0.8857	1.0000
1995	400,669,935	401,195,555	0.0035	0.8993	0.8994	1.0001
1996	389,976,582	390,032,187	0.0054	0.9158	0.9158	1.0000
1997	406,704,379	410,289,583	0.0053	0.9300	0.9306	1.0007
1998	435,468,248	434,977,361	0.0059	0.9456	0.9455	0.9999
1999	451,651,726	451,551,392	0.0048	0.9580	0.9580	1.0000
2000	478,151,385	480,820,011	0.0044	0.9712	0.9714	1.0002
2001	465,003,184	464,294,245	0.0037	0.9831	0.9830	1.0000
2002	530,847,678	529,698,722	0.0077	0.9953	0.9952	1.0000
2003	540,262,182	542,062,075	0.0080	1.0060	1.0059	1.0000
2004	592,621,704	591,108,827	0.0065	1.0158	1.0159	1.0000
2005	620,818,826	624,176,234	0.0057	1.0242	1.0240	0.9999
2006	628,005,435	632,692,767	0.0065	1.0312	1.0310	0.9998
2007	664,873,548	669,228,765	0.0083	1.0359	1.0356	0.9998
2008	602,639,850	604,349,546	0.0050	1.0325	1.0324	0.9999
2009	545,322,366	545,215,864	0.0052	1.0046	1.0046	1.0000
2010	605,311,743	606,994,664	0.0067	0.9920	0.9920	1.0000
2011	608,797,522	612,646,141	0.0081	0.9920	0.9920	1.0001
2012	567,946,878	567,699,438	0.0089	0.9927	0.9927	1.0000
2013	565,532,384	566,213,119	0.0093	0.9939	0.9939	1.0000
2014	583,009,734	583,046,702	0.0064	0.9982	0.9982	1.0000
2015	536,348,036	532,025,356	0.0077	1.0000	1.0000	1.0000
2016	525,763,519	526,116,923	0.0229	1.0000	1.0000	1.0000
2017	564,003,439	573,524,506	0.0516	1.0000	1.0000	1.0000
2018	629,983,292	642,190,878	0.1374	1.0000	1.0000	1.0000
2019	288,873,407	527,344,811	0.4906	1.0000	1.0000	1.0000
2020		227,670,229	0.4049		1.0000	

□ □ □ CONSISTENT WITH 19@1ST, 18@2ND, 17@3RD, ETC . . .

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

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/19 (24)	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/20 (25)	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE (26) = (25) - (24)	CALENDAR YEAR 2020 PAID LOSSES (27)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/19 (28)	REPORTED MEDICAL CASE RESERVES AS OF 12/31/20 (29)
PRIOR TO 1990	4,996,251,328	5,009,044,630	12,793,302	20,545,315	185,658,468	177,906,455
1990	814,639,685	815,683,589				
			1990 INCURRED LOSSES ADJUSTMENT FACTOR (31) = (24)_1987 / (30)	1990 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR (33) = (31) * (32)		
PRIOR TO 1990	(30) = (24)_1987 + (26)_Prior to 1987 = 827,432,987	0.9845	0.8043	0.7919		
		AVERAGE PAYMENT LEVEL (35) = (5)	PAID PORTION ADJUSTMENT FACTOR (36) = (34) * (35)			
PRIOR TO 1990	PAID WEIGHT (34) = (27) / (30) = 0.0248	1.0000	0.0248			
	CASE RESERVES AS OF 12/31/19 WEIGHT (37) = (28) / (30)	AVERAGE RESERVE LEVEL (38) = (12)	RESERVE WEIGHTED ADJUSTMENT FACTOR (39) = (37) * (38)	CASE RESERVES AS OF 12/31/19 WEIGHT (40) = (29) / (30)	AVERAGE RESERVE LEVEL (41) = (16)	RESERVE WEIGHTED ADJUSTMENT FACTOR (42) = (40) * (41) = -0.0094
PRIOR TO 1990	0.2244	1.0000	0.2244	0.2150	1.0000	
		PRIOR TO 1990 LDF ADJUSTMENT FACTOR (44) = (33) + (36) + (43)	(45) = (44) / (32)			
PRIOR TO 1990	0.8074	1.0038				

TABLE I - ADJUSTMENTS TO BRING MEDICAL DATA FROM THE 20 V. 21 VALUATION TO POST-HB 1846

POLICY YEAR BEING VALUED	MEDICAL PAID LOSSES								
	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/20	CUMULATIVE REPORTED MEDICAL PAID LOSSES AS OF 12/31/21	CALENDAR YEAR 2021 PAID LOSSES	CALENDAR YEAR 2021 PAID LOSSES WEIGHTS	AVERAGE PAYMENT LEVEL	CALENDAR YEAR 2021 PAID LOSSES ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR	MEDICAL PAID LOSSES AS OF 12/31/21 ADJUSTMENT FACTOR	20-21 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 1991	5,440,807,614	5,460,722,359	19,914,745	0.0036	1.0000	0.0036	0.7332	0.7342	1.0013
1991	684,914,793	686,732,988	1,818,195	0.0026	1.0000	0.0026	0.8193	0.8198	1.0006
1992	587,114,523	590,767,738	3,653,215	0.0062	1.0000	0.0062	0.8425	0.8435	1.0012
1993	445,476,151	447,682,215	2,206,064	0.0049	1.0000	0.0049	0.8601	0.8608	1.0008
1994	417,297,866	419,658,820	2,360,954	0.0056	1.0000	0.0056	0.8805	0.8812	1.0008
1995	372,025,895	373,638,445	1,612,550	0.0043	1.0000	0.0043	0.8949	0.8953	1.0005
1996	361,216,660	363,251,804	2,035,144	0.0056	1.0000	0.0056	0.9120	0.9125	1.0005
1997	376,666,890	379,017,132	2,350,242	0.0062	1.0000	0.0062	0.9270	0.9274	1.0005
1998	382,638,284	384,506,519	1,868,235	0.0049	1.0000	0.0049	0.9421	0.9424	1.0003
1999	411,946,148	413,833,164	1,887,016	0.0046	1.0000	0.0046	0.9562	0.9564	1.0002
2000	433,133,432	435,309,201	2,175,769	0.0050	1.0000	0.0050	0.9700	0.9701	1.0002
2001	438,266,575	439,501,204	1,234,629	0.0028	1.0000	0.0028	0.9826	0.9826	1.0000
2002	506,696,981	510,210,701	3,513,720	0.0069	1.0000	0.0069	0.9951	0.9951	1.0000
2003	520,980,553	523,538,856	2,558,303	0.0049	1.0000	0.0049	1.0062	1.0061	1.0000
2004	568,355,591	571,648,593	3,293,002	0.0058	1.0000	0.0058	1.0164	1.0163	0.9999
2005	586,755,773	590,605,152	3,849,379	0.0065	1.0000	0.0065	1.0255	1.0253	0.9998
2006	600,804,463	605,026,580	4,222,117	0.0070	1.0000	0.0070	1.0325	1.0323	0.9998
2007	645,438,956	649,631,300	4,192,344	0.0065	1.0000	0.0065	1.0369	1.0366	0.9998
2008	579,070,651	581,993,715	2,923,064	0.0050	1.0000	0.0050	1.0336	1.0334	0.9998
2009	523,374,514	526,030,852	2,656,338	0.0050	1.0000	0.0050	1.0048	1.0048	1.0000
2010	570,085,890	573,610,331	3,524,441	0.0061	1.0000	0.0061	0.9915	0.9915	1.0001
2011	580,473,595	584,862,105	4,388,510	0.0075	1.0000	0.0075	0.9916	0.9917	1.0001
2012	520,761,139	524,958,343	4,197,204	0.0080	1.0000	0.0080	0.9921	0.9922	1.0001
2013	538,184,478	542,122,345	3,937,867	0.0073	1.0000	0.0073	0.9935	0.9936	1.0000
2014	547,959,000	552,391,367	4,432,367	0.0080	1.0000	0.0080	0.9981	0.9981	1.0000
2015	492,401,040	502,127,678	9,726,638	0.0194	1.0000	0.0194	1.0000	1.0000	1.0000
2016	487,677,517	493,950,563	6,273,046	0.0127	1.0000	0.0127	1.0000	1.0000	1.0000
2017	519,151,481	531,011,665	11,860,184	0.0223	1.0000	0.0223	1.0000	1.0000	1.0000
2018	525,363,102	553,149,391	27,786,289	0.0502	1.0000	0.0502	1.0000	1.0000	1.0000
2019	388,833,431	472,537,832	83,704,401	0.1771	1.0000	0.1771	1.0000	1.0000	1.0000
2020	91,743,523	346,041,543	254,298,020	0.7349	1.0000	0.7349	1.0000	1.0000	1.0000
2021		100,005,179	100,005,179	1.0000	1.0000	1.0000	1.0000	1.0000	

POLICY YEAR BEING VALUED	MEDICAL CASE RESERVES							
	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/20	REPORTED MEDICAL CASE RESERVES AS OF 12/31/21	AVERAGE RESERVE LEVEL	MEDICAL CASE RESERVES AS OF 12/31/20 ADJUSTMENT FACTOR	REPORTED INDEMNITY CASE RESERVES AS OF 12/31/21	REPORTED MEDICAL CASE RESERVES AS OF 12/31/21	AVERAGE RESERVE LEVEL	
	(10)	(11) = (10) / (18)	(12)	(13) = (11) * (12)	(14)	(15) = (14) / (19)	(16)	
PRIOR TO 1991	195,392,397	0.0347	1.0000	0.0347	173,467,018	0.0308	1.0000	0.0308
1991	26,195,398	0.0368	1.0000	0.0368	23,224,422	0.0327	1.0000	0.0327
1992	25,042,398	0.0409	1.0000	0.0409	22,578,472	0.0368	1.0000	0.0368
1993	13,672,805	0.0298	1.0000	0.0298	13,016,194	0.0283	1.0000	0.0283
1994	19,833,145	0.0454	1.0000	0.0454	17,633,200	0.0403	1.0000	0.0403
1995	17,350,485	0.0446	1.0000	0.0446	15,222,193	0.0391	1.0000	0.0391
1996	16,954,612	0.0448	1.0000	0.0448	15,315,546	0.0405	1.0000	0.0405
1997	20,407,775	0.0514	1.0000	0.0514	20,540,738	0.0514	1.0000	0.0514
1998	25,520,141	0.0625	1.0000	0.0625	24,382,973	0.0596	1.0000	0.0596
1999	16,871,402	0.0393	1.0000	0.0393	13,015,356	0.0305	1.0000	0.0305
2000	22,247,319	0.0489	1.0000	0.0489	19,728,960	0.0434	1.0000	0.0434
2001	11,886,804	0.0264	1.0000	0.0264	10,378,390	0.0231	1.0000	0.0231
2002	20,413,224	0.0387	1.0000	0.0387	18,624,834	0.0352	1.0000	0.0352
2003	19,519,246	0.0361	1.0000	0.0361	18,153,290	0.0335	1.0000	0.0335
2004	21,101,347	0.0358	1.0000	0.0358	17,006,065	0.0289	1.0000	0.0289
2005	34,978,837	0.0563	1.0000	0.0563	33,703,165	0.0540	1.0000	0.0540
2006	29,819,287	0.0473	1.0000	0.0473	29,246,843	0.0461	1.0000	0.0461
2007	22,345,096	0.0335	1.0000	0.0335	20,361,947	0.0304	1.0000	0.0304
2008	21,108,511	0.0352	1.0000	0.0352	18,331,451	0.0305	1.0000	0.0305
2009	18,508,930	0.0342	1.0000	0.0342	15,258,877	0.0282	1.0000	0.0282
2010	35,248,123	0.0582	1.0000	0.0582	27,620,468	0.0459	1.0000	0.0459
2011	32,853,886	0.0536	1.0000	0.0536	28,313,302	0.0462	1.0000	0.0462
2012	45,259,915	0.0800	1.0000	0.0800	44,603,521	0.0783	1.0000	0.0783
2013	27,842,491	0.0492	1.0000	0.0492	27,674,177	0.0486	1.0000	0.0486
2014	35,534,259	0.0609	1.0000	0.0609	33,080,012	0.0565	1.0000	0.0565
2015	39,354,464	0.0740	1.0000	0.0740	33,860,207	0.0632	1.0000	0.0632
2016	37,860,759	0.0720	1.0000	0.0720	30,107,649	0.0575	1.0000	0.0575
2017	52,690,541	0.0921	1.0000	0.0921	32,700,071	0.0580	1.0000	0.0580
2018	113,560,703	0.1777	1.0000	0.1777	87,627,473	0.1368	1.0000	0.1368
2019	136,070,378	0.2592	1.0000	0.2592	81,507,401	0.1471	1.0000	0.1471
2020	134,812,237	0.5951	1.0000	0.5951	142,884,683	0.2922	1.0000	0.2922
2021					134,854,338	0.5742	1.0000	0.5742

□ COLUMN (7) = COLUMN (8) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 19 V. 20 VALUATION)
 □ COLUMN (13) FROM PREVIOUS PAGE (MEDICAL DATA FROM THE 19 V. 20 VALUATION)

POLICY YEAR BEING VALUED	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/20	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/21	MEDICAL INCURRED LOSSES AS OF 12/31/21 PAID LOSSES WEIGHTS	MEDICAL INCURRED LOSSES AS OF 12/31/20 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES AS OF 12/31/21 ADJUSTMENT FACTOR	MEDICAL INCURRED LOSSES 20-21 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 1991	5,636,200,011	5,634,189,377	0.0035	0.7425	0.7424	0.9999
1991	711,110,191	709,957,410	0.0026	0.8260	0.8257	0.9997
1992	612,156,921	613,346,210	0.0060	0.8490	0.8493	1.0003
1993	459,148,956	460,698,409	0.0048	0.8643	0.8647	1.0005
1994	437,131,011	437,292,020	0.0054	0.8859	0.8859	1.0000
1995	389,376,380	388,860,638	0.0041	0.8995	0.8994	0.9999
1996	378,171,272	378,567,350	0.0054	0.9159	0.9160	1.0001
1997	397,074,665	399,557,870	0.0059	0.9307	0.9312	1.0005
1998	408,158,425	408,889,492	0.0046	0.9457	0.9458	1.0001
1999	428,817,550	426,848,520	0.0044	0.9579	0.9577	0.9998
2000	455,380,751	455,038,161	0.0048	0.9714	0.9714	1.0000
2001	450,153,379	449,879,594	0.0027	0.9831	0.9830	1.0000
2002	527,110,205	528,835,535	0.0066	0.9952	0.9953	1.0000
2003	540,499,799	541,692,146	0.0047	1.0059	1.0059	1.0000
2004	589,456,938	588,654,658	0.0056	1.0159	1.0159	1.0000
2005	621,734,610	624,308,317	0.0062	1.0240	1.0239	0.9999
2006	630,623,750	634,273,423	0.0067	1.0310	1.0308	0.9998
2007	667,784,052	669,993,247	0.0063	1.0356	1.0355	0.9999
2008	600,179,162	600,325,166	0.0049	1.0324	1.0324	1.0000
2009	541,883,444	541,289,729	0.0049	1.0046	1.0046	1.0000
2010	605,334,013	601,230,799	0.0059	0.9920	0.9919	0.9999
2011	613,327,481	613,175,407	0.0072	0.9920	0.9920	1.0000
2012	566,021,054	569,561,864	0.0074	0.9927	0.9928	1.0000
2013	566,026,969	569,796,522	0.0069	0.9939	0.9939	1.0000
2014	583,493,259	585,471,379	0.0076	0.9982	0.9982	1.0000
2015	531,755,504	535,987,885	0.0181	1.0000	1.0000	1.0000
2016	525,538,276	524,058,212	0.0120	1.0000	1.0000	1.0000
2017	571,842,022	563,711,736	0.0210	1.0000	1.0000	1.0000
2018	638,923,805	640,776,864	0.0434	1.0000	1.0000	1.0000
2019	524,903,809	554,045,233	0.1511	1.0000	1.0000	1.0000
2020	226,555,760	488,926,226	0.5201	1.0000	1.0000	1.0000
2021		234,859,517	0.4258		1.0000	

□ □ □ CONSISTENT WITH 20@1ST, 19@2ND, 18@3RD, ETC . . .

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

	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/20	CUMULATIVE REPORTED MEDICAL INCURRED LOSSES AS OF 12/31/21	CUMULATIVE MEDICAL INCURRED LOSSES CHANGE	CALENDAR YEAR 2021 PAID LOSSES	REPORTED MEDICAL CASE RESERVES AS OF 12/31/20	REPORTED MEDICAL CASE RESERVES AS OF 12/31/21
	(24)	(25)	(26) = (25) - (24)	(27)	(28)	(29)
PRIOR TO 1991	5,636,200,011	5,634,189,377	-2,010,634	19,914,745	195,392,397	173,467,018
1991	711,110,191	709,957,410				
			1991 INCURRED LOSSES ADJUSTMENT FACTOR	1991 INCURRED LOSSES WEIGHTED ADJUSTMENT FACTOR		
	(30) = (24) / 1987	(31) = (24) / 1987	(32) = (21)	(33) = (31) * (32)		
PRIOR TO 1991	+ (26) / 709,099,557	1.0028	0.8260	0.8283		
	PAID WEIGHT	AVERAGE PAYMENT LEVEL	PAID PORTION ADJUSTMENT FACTOR			
	(34) = (27) / (30)	(35) = (5)	(36) = (34) * (35)			
PRIOR TO 1991	0.0281	1.0000	0.0281			
	CASE RESERVES AS OF 12/31/20 WEIGHT	AVERAGE RESERVE LEVEL	RESERVE WEIGHTED ADJUSTMENT FACTOR	CASE RESERVES AS OF 12/31/20 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 1991	0.2756	1.0000	0.2756	0.2446	1.0000	0.2446 -0.0309
	PRIOR TO 1991 LDF ADJUSTMENT FACTOR					
	(44) = (33) + (36) + (43)	(45) = (44) / (32)				
PRIOR TO 1991	0.8255	0.9994				

TABLE I

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

ACCUMULATED STANDARD EARNED PREMIUM

Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	17,613,288,466	17,613,288,299	1.0000
1990	2,215,377,116	2,215,377,116	1.0000
1991	2,315,408,417	2,315,408,429	1.0000
1992	2,153,973,267	2,153,973,267	1.0000
1993	2,306,179,951	2,306,179,951	1.0000
1994	1,745,416,928	1,745,416,928	1.0000
1995	1,599,375,766	1,599,375,766	1.0000
1996	1,518,271,678	1,518,271,678	1.0000
1997	1,254,684,804	1,254,684,804	1.0000
1998	1,198,302,249	1,198,288,497	1.0000
1999	1,209,809,753	1,209,809,753	1.0000
2000	1,271,330,090	1,271,330,090	1.0000
2001	1,363,779,460	1,363,779,460	1.0000
2002	1,438,190,159	1,438,190,159	1.0000
2003	1,520,905,150	1,520,905,150	1.0000
2004	1,641,645,578	1,641,607,361	1.0000
2005	1,808,447,730	1,808,406,811	1.0000
2006	1,791,192,342	1,791,174,193	1.0000
2007	1,851,278,351	1,851,271,275	1.0000
2008	1,702,620,400	1,702,620,401	1.0000
2009	1,520,912,325	1,520,906,325	1.0000
2010	1,589,792,531	1,589,788,794	1.0000
2011	1,642,875,756	1,642,868,564	1.0000
2012	1,537,463,587	1,537,436,491	1.0000
2013	1,510,249,425	1,510,268,872	1.0000
2014	1,510,104,135	1,510,269,466	1.0001
2015	1,503,518,707	1,503,443,279	0.9999
2016	1,512,559,683	1,512,187,726	0.9998
2017	1,587,968,666	1,584,262,608	0.9977
2018	1,714,291,166	1,735,322,112	1.0123
2019	824,576,404	1,413,439,851	1.7141
2020		726,301,723	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	19,090,127,977	19,090,127,977	1.0000
1991	2,239,453,750	2,239,453,750	1.0000
1992	2,075,322,862	2,075,322,862	1.0000
1993	2,232,387,370	2,232,387,370	1.0000
1994	1,688,565,823	1,688,565,822	1.0000
1995	1,544,205,740	1,544,205,741	1.0000
1996	1,459,547,593	1,459,547,592	1.0000
1997	1,203,914,901	1,203,914,901	1.0000
1998	1,135,949,223	1,135,949,278	1.0000
1999	1,156,818,495	1,156,818,500	1.0000
2000	1,211,878,910	1,211,878,908	1.0000
2001	1,332,729,680	1,332,729,685	1.0000
2002	1,428,638,309	1,428,638,315	1.0000
2003	1,516,340,664	1,516,343,505	1.0000
2004	1,634,945,381	1,634,944,597	1.0000
2005	1,800,888,569	1,800,889,751	1.0000
2006	1,782,947,237	1,782,945,464	1.0000
2007	1,841,737,921	1,841,722,157	1.0000
2008	1,694,121,417	1,694,115,683	1.0000
2009	1,513,316,746	1,513,313,633	1.0000
2010	1,582,501,854	1,582,498,517	1.0000
2011	1,637,201,518	1,637,199,877	1.0000
2012	1,532,518,850	1,532,500,804	1.0000
2013	1,508,895,657	1,508,842,537	1.0000
2014	1,509,089,599	1,508,998,014	0.9999
2015	1,501,791,063	1,501,699,960	0.9999
2016	1,508,699,367	1,508,559,313	0.9999
2017	1,579,413,762	1,578,633,946	0.9995
2018	1,727,734,245	1,726,063,046	0.9990
2019	1,406,991,389	1,400,992,351	0.9957
2020	722,313,634	1,249,790,654	1.7303
2021		714,176,138	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	11,848,289,239	11,862,916,492	1.0012
1990	1,809,084,936	1,810,267,334	1.0007
1991	1,605,936,452	1,605,561,593	0.9998
1992	1,374,346,654	1,379,115,327	1.0035
1993	1,136,505,320	1,137,120,154	1.0005
1994	1,073,403,120	1,073,811,503	1.0004
1995	931,551,589	932,206,089	1.0007
1996	842,598,266	842,073,604	0.9994
1997	880,567,078	884,391,020	1.0043
1998	913,058,760	912,879,178	0.9998
1999	1,000,229,730	1,000,525,652	1.0003
2000	1,070,187,957	1,073,002,722	1.0026
2001	1,073,106,182	1,072,285,420	0.9992
2002	1,179,474,514	1,178,204,495	0.9989
2003	1,185,393,199	1,186,231,541	1.0007
2004	1,288,365,011	1,286,027,975	0.9982
2005	1,333,772,448	1,337,344,205	1.0027
2006	1,371,569,368	1,377,025,749	1.0040
2007	1,450,417,652	1,456,209,372	1.0040
2008	1,327,444,631	1,329,556,744	1.0016
2009	1,190,892,590	1,190,949,113	1.0000
2010	1,264,062,131	1,266,363,165	1.0018
2011	1,243,175,226	1,247,418,123	1.0034
2012	1,153,536,379	1,154,843,879	1.0011
2013	1,153,061,617	1,154,229,947	1.0010
2014	1,171,076,113	1,171,824,232	1.0006
2015	1,093,985,612	1,089,587,433	0.9960
2016	1,052,817,478	1,057,952,746	1.0049
2017	1,091,074,240	1,137,912,655	1.0429
2018	1,052,488,430	1,198,703,179	1.1389
2019	414,816,441	921,017,452	2.2203
2020		326,607,274	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	13,208,336,134	13,209,887,533	1.0001
1991	1,555,610,867	1,554,866,105	0.9995
1992	1,329,465,268	1,331,422,551	1.0015
1993	1,104,856,017	1,106,251,837	1.0013
1994	1,046,780,221	1,047,173,717	1.0004
1995	904,687,879	904,198,807	0.9995
1996	813,881,373	814,434,235	1.0007
1997	853,965,825	856,051,044	1.0024
1998	860,765,289	860,683,539	0.9999
1999	942,059,082	939,742,644	0.9975
2000	1,009,442,901	1,008,661,454	0.9992
2001	1,039,666,199	1,039,561,886	0.9999
2002	1,172,665,209	1,174,121,359	1.0012
2003	1,184,089,359	1,185,579,789	1.0013
2004	1,282,683,196	1,281,323,146	0.9989
2005	1,332,898,021	1,336,160,283	1.0024
2006	1,373,431,113	1,376,048,528	1.0019
2007	1,453,131,234	1,455,008,756	1.0013
2008	1,321,695,359	1,322,729,931	1.0008
2009	1,184,631,231	1,186,251,505	1.0014
2010	1,261,255,654	1,258,643,216	0.9979
2011	1,245,523,213	1,245,887,518	1.0003
2012	1,149,294,857	1,151,187,892	1.0016
2013	1,152,480,548	1,157,381,343	1.0043
2014	1,172,765,894	1,177,967,129	1.0044
2015	1,089,590,324	1,100,118,165	1.0097
2016	1,056,655,933	1,054,975,535	0.9984
2017	1,135,433,163	1,133,512,277	0.9983
2018	1,192,784,752	1,225,833,739	1.0277
2019	916,880,929	1,068,523,398	1.1654
2020	325,035,168	835,128,741	2.5693
2021		349,006,633	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	8,186,858,932	8,188,692,883	1.0002
1990	1,153,845,876	1,153,984,370	1.0001
1991	999,299,579	998,952,964	0.9997
1992	840,714,948	841,311,297	1.0007
1993	727,513,178	727,642,487	1.0002
1994	676,877,870	677,118,189	1.0004
1995	571,235,544	571,364,425	1.0002
1996	485,455,267	484,875,000	0.9988
1997	502,320,804	502,559,542	1.0005
1998	501,277,662	501,588,967	1.0006
1999	567,553,188	567,949,444	1.0007
2000	605,807,055	605,953,195	1.0002
2001	615,976,685	615,864,862	0.9998
2002	651,145,318	651,024,254	0.9998
2003	641,908,604	640,947,054	0.9985
2004	686,372,479	685,548,320	0.9988
2005	697,944,662	698,159,011	1.0003
2006	723,974,625	724,743,675	1.0011
2007	761,690,874	763,127,378	1.0019
2008	705,226,454	705,628,871	1.0006
2009	643,045,412	643,208,438	1.0003
2010	663,620,313	664,238,426	1.0009
2011	639,250,209	639,644,488	1.0006
2012	589,721,711	591,276,650	1.0026
2013	591,003,022	591,490,618	1.0008
2014	589,122,480	589,833,631	1.0012
2015	557,637,576	557,562,077	0.9999
2016	527,053,959	531,835,823	1.0091
2017	527,070,801	564,388,149	1.0708
2018	422,505,138	556,512,301	1.3172
2019	125,943,034	393,672,641	3.1258
2020		98,937,045	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	9,023,585,738	9,027,147,771	1.0004
1991	968,264,944	968,672,963	1.0004
1992	809,759,521	810,527,515	1.0009
1993	708,034,275	707,880,642	0.9998
1994	659,525,067	659,757,553	1.0004
1995	554,426,071	554,452,741	1.0000
1996	467,497,981	467,654,764	1.0003
1997	484,397,889	483,999,903	0.9992
1998	474,765,134	473,952,317	0.9983
1999	531,291,318	530,943,909	0.9993
2000	567,067,417	566,628,559	0.9992
2001	597,139,420	597,308,892	1.0003
2002	648,060,516	647,791,336	0.9996
2003	640,377,211	640,675,294	1.0005
2004	683,882,970	683,325,200	0.9992
2005	696,213,042	696,901,597	1.0010
2006	723,278,038	722,245,780	0.9986
2007	761,548,686	761,217,014	0.9996
2008	702,078,269	702,966,837	1.0013
2009	640,239,083	642,453,072	1.0035
2010	660,777,510	662,268,285	1.0023
2011	637,074,633	637,591,012	1.0008
2012	587,392,751	585,744,976	0.9972
2013	589,926,093	591,057,335	1.0019
2014	590,329,542	593,552,657	1.0055
2015	557,834,820	564,130,280	1.0113
2016	531,117,657	530,917,323	0.9996
2017	563,591,141	569,800,541	1.0110
2018	553,860,947	585,056,875	1.0563
2019	391,977,120	514,478,165	1.3125
2020	98,479,408	346,202,515	3.5155
2021		114,147,116	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	3,661,430,307	3,674,223,609	1.0035
1990	655,239,059	656,282,963	1.0016
1991	606,636,873	606,608,629	1.0000
1992	533,631,706	537,804,030	1.0078
1993	408,992,142	409,477,667	1.0012
1994	396,525,250	396,693,314	1.0004
1995	360,316,044	360,841,664	1.0015
1996	357,142,999	357,198,604	1.0002
1997	378,246,274	381,831,478	1.0095
1998	411,781,098	411,290,211	0.9988
1999	432,676,542	432,576,208	0.9998
2000	464,380,902	467,049,528	1.0057
2001	457,129,497	456,420,558	0.9984
2002	528,329,197	527,180,241	0.9978
2003	543,484,594	545,284,487	1.0033
2004	601,992,532	600,479,655	0.9975
2005	635,827,786	639,185,194	1.0053
2006	647,594,743	652,282,075	1.0072
2007	688,726,778	693,081,995	1.0063
2008	622,218,177	623,927,873	1.0027
2009	547,847,178	547,740,676	0.9998
2010	600,441,818	602,124,739	1.0028
2011	603,925,017	607,773,636	1.0064
2012	563,814,668	563,567,228	0.9996
2013	562,058,595	562,739,330	1.0012
2014	581,953,633	581,990,601	1.0001
2015	536,348,036	532,025,356	0.9919
2016	525,763,519	526,116,923	1.0007
2017	564,003,439	573,524,506	1.0169
2018	629,983,292	642,190,878	1.0194
2019	288,873,407	527,344,811	1.8255
2020		227,670,229	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	4,184,750,396	4,182,739,762	0.9995
1991	587,345,923	586,193,142	0.9980
1992	519,705,747	520,895,036	1.0023
1993	396,821,743	398,371,196	1.0039
1994	387,255,154	387,416,163	1.0004
1995	350,261,808	349,746,066	0.9985
1996	346,383,392	346,779,470	1.0011
1997	369,567,936	372,051,141	1.0067
1998	386,000,155	386,731,222	1.0019
1999	410,767,764	408,798,734	0.9952
2000	442,375,485	442,032,895	0.9992
2001	442,526,779	442,252,994	0.9994
2002	524,604,693	526,330,023	1.0033
2003	543,712,148	544,904,495	1.0022
2004	598,800,226	597,997,946	0.9987
2005	636,684,979	639,258,686	1.0040
2006	650,153,075	653,802,748	1.0056
2007	691,582,547	693,791,742	1.0032
2008	619,617,090	619,763,094	1.0002
2009	544,392,149	543,798,434	0.9989
2010	600,478,145	596,374,931	0.9932
2011	608,448,580	608,296,506	0.9998
2012	561,902,107	565,442,917	1.0063
2013	562,554,455	566,324,008	1.0067
2014	582,436,352	584,414,472	1.0034
2015	531,755,504	535,987,885	1.0080
2016	525,538,276	524,058,212	0.9972
2017	571,842,022	563,711,736	0.9858
2018	638,923,805	640,776,864	1.0029
2019	524,903,809	554,045,233	1.0555
2020	226,555,760	488,926,226	2.1581
2021		234,859,517	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	8,114,889,539	8,125,265,657	1.0013
1990	1,138,195,630	1,140,526,413	1.0020
1991	980,616,156	983,202,102	1.0026
1992	819,472,928	822,279,965	1.0034
1993	711,762,567	713,789,437	1.0028
1994	661,293,928	663,050,141	1.0027
1995	559,945,340	561,166,421	1.0022
1996	476,828,691	477,695,689	1.0018
1997	496,680,622	497,569,739	1.0018
1998	496,613,966	497,045,475	1.0009
1999	562,057,801	563,062,136	1.0018
2000	599,468,849	599,962,095	1.0008
2001	609,252,848	610,210,352	1.0016
2002	639,835,808	641,274,719	1.0022
2003	631,107,986	632,324,947	1.0019
2004	669,621,258	672,813,300	1.0048
2005	684,557,162	686,676,502	1.0031
2006	707,799,270	709,988,068	1.0031
2007	744,145,326	747,104,668	1.0040
2008	693,108,591	695,414,521	1.0033
2009	632,319,578	634,703,999	1.0038
2010	648,554,372	651,602,055	1.0047
2011	621,677,722	624,252,278	1.0041
2012	560,704,978	566,800,871	1.0109
2013	570,407,831	576,782,484	1.0112
2014	560,066,299	570,089,233	1.0179
2015	517,330,389	532,417,340	1.0292
2016	462,641,885	495,530,788	1.0711
2017	415,287,120	495,681,077	1.1936
2018	240,925,520	436,006,251	1.8097
2019	44,762,003	228,536,802	5.1056
2020		36,740,910	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	8,947,631,479	8,957,700,629	1.0011
1991	952,465,866	954,107,407	1.0017
1992	791,511,667	793,850,204	1.0030
1993	694,168,569	696,227,219	1.0030
1994	645,667,678	647,473,805	1.0028
1995	544,013,676	545,161,889	1.0021
1996	460,328,303	461,183,696	1.0019
1997	479,389,291	479,891,406	1.0010
1998	470,501,141	470,918,540	1.0009
1999	527,153,755	528,008,661	1.0016
2000	561,122,791	561,581,747	1.0008
2001	591,518,713	592,292,977	1.0013
2002	638,294,427	639,623,714	1.0021
2003	631,752,632	632,913,952	1.0018
2004	671,147,950	672,748,814	1.0024
2005	684,734,057	686,627,638	1.0028
2006	708,483,016	710,714,411	1.0031
2007	745,497,284	747,479,684	1.0027
2008	691,848,890	694,155,388	1.0033
2009	631,713,456	634,339,317	1.0042
2010	648,207,979	651,361,072	1.0049
2011	621,674,961	624,253,510	1.0041
2012	563,055,395	565,635,655	1.0046
2013	575,173,032	577,792,840	1.0046
2014	570,572,528	577,054,144	1.0114
2015	532,651,164	543,634,124	1.0206
2016	494,807,074	505,632,106	1.0219
2017	494,960,472	528,323,628	1.0674
2018	433,845,338	519,015,764	1.1963
2019	227,518,101	404,045,348	1.7759
2020	36,544,511	207,205,291	5.6699
2021		42,508,759	

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 12/31/19	As of 12/31/20	Ratio to Prior Year
Prior to 1990	3,475,771,839	3,496,317,154	1.0059
1990	631,258,904	634,173,684	1.0046
1991	578,058,325	580,458,699	1.0042
1992	509,330,426	512,474,680	1.0062
1993	393,643,915	395,862,878	1.0056
1994	374,084,898	376,973,933	1.0077
1995	342,051,286	343,459,389	1.0041
1996	338,147,624	340,265,761	1.0063
1997	359,071,254	361,236,572	1.0060
1998	382,797,688	385,352,477	1.0067
1999	411,908,473	414,091,108	1.0053
2000	442,737,097	444,848,097	1.0048
2001	442,857,679	444,591,870	1.0039
2002	502,728,090	506,801,263	1.0081
2003	521,501,905	525,835,037	1.0083
2004	575,537,816	579,401,683	1.0067
2005	600,525,963	604,064,224	1.0059
2006	618,121,957	622,239,093	1.0067
2007	665,219,462	670,776,634	1.0084
2008	599,819,485	602,831,554	1.0050
2009	526,440,208	529,259,611	1.0054
2010	562,811,311	566,866,257	1.0072
2011	569,897,140	574,840,138	1.0087
2012	513,233,965	518,305,733	1.0099
2013	529,661,227	534,908,251	1.0099
2014	542,767,319	546,484,863	1.0068
2015	488,592,218	492,663,354	1.0083
2016	476,219,476	488,263,063	1.0253
2017	491,123,030	520,693,263	1.0602
2018	439,723,545	527,967,636	1.2007
2019	132,021,933	390,714,240	2.9595
2020		92,193,472	

Policy Year Valued	As of 12/31/20	As of 12/31/21	Ratio to Prior Year
Prior to 1991	3,989,357,999	4,009,272,744	1.0050
1991	561,150,525	562,968,720	1.0032
1992	494,663,349	498,316,564	1.0074
1993	383,148,938	385,355,002	1.0058
1994	367,422,009	369,782,963	1.0064
1995	332,911,323	334,523,873	1.0048
1996	329,428,780	331,463,924	1.0062
1997	349,160,161	351,510,403	1.0067
1998	360,480,014	362,348,249	1.0052
1999	393,896,362	395,783,378	1.0048
2000	420,128,166	422,303,935	1.0052
2001	430,639,975	431,874,604	1.0029
2002	504,191,469	507,705,189	1.0070
2003	524,192,902	526,751,205	1.0049
2004	577,698,879	580,991,881	1.0057
2005	601,706,142	605,555,521	1.0064
2006	620,333,788	624,555,905	1.0068
2007	669,237,451	673,429,795	1.0063
2008	598,508,579	601,431,643	1.0049
2009	525,883,219	528,539,557	1.0051
2010	565,230,022	568,754,463	1.0062
2011	575,594,694	579,983,204	1.0076
2012	516,642,192	520,839,396	1.0081
2013	534,711,964	538,649,831	1.0074
2014	546,902,093	551,334,460	1.0081
2015	492,401,040	502,127,678	1.0198
2016	487,677,517	493,950,563	1.0129
2017	519,151,481	531,011,665	1.0228
2018	525,363,102	553,149,391	1.0529
2019	388,833,431	472,537,832	1.2153
2020	91,743,523	346,041,543	3.7718
2021		100,005,179	

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.