

DELAWARE COMPENSATION RATING BUREAU, INC.

Paid and Incurred Loss Development and Trend – Limited Losses

Page 1 of the attachment shows the calculation of Standard Earned Premiums. Standard Earned Premiums are developed to ultimate, adjusted to current residual market rate level and adjusted to remove the impact of expense constants, the DCCPAP program and the residual market surcharge program.

Pages 2 through 13 present indemnity losses and loss adjustment expense.

Page 2 shows incurred and paid loss development factors and ratios of incurred to paid losses, based on the current Table I. An average of the latest four factors is shown. Selected factors are generally based upon a fitting of the four-year averages to a curve.

Page 3 arranges the factors according to the loss development approach shown. There are three methods: case incurred, paid to twenty-ninth and the average of the incurred and paid to twenty-ninth methods. The last section of page 3 shows the loss on-level and loss adjustment expense factors applicable.

Page 4 shows the loss base (paid or incurred losses depending on the method) to which the development factors apply, the projected ultimate level of losses, and ultimate losses adjusted to current benefit levels and including loss adjustment expense.

The top portion of page 5 presents ultimate on-level loss and loss adjustment expense ratios by policy year for each methodology. The middle portion of page 5 presents information on claim frequencies, which are further discussed in Exhibit 23. The first column shows frequencies by policy year. The second column shows normalized values for claim frequency with Policy Year 2005 set equal to unity. Staff selected a seven-point frequency trend factor of -5.0% (Policy Years 2010 through 2017). The lower portion of page 5 shows severity ratios which are defined as loss ratios adjusted to a common underlying claim frequency level. The severity ratios are calculated by dividing the loss ratios in the top section of page 5 by the normalized claim frequencies in the middle portion of page 5 for each policy year and loss development approach.

Page 6 shows fitted values for severity ratios fitted to a straight line for each loss development approach and using from 4 to 10 points. The top portion of page 7 shows those same straight lines trended to the midpoint of the prospective rating period (12/1/20). The second section of page 7 shows severity trend factors by policy year calculated by dividing the trended points on page 7 by the fitted values on page 6.

Pages 8 and 9 present the analogous exponential severity trend factor calculation. Pages 10 and 11 show the loss ratio trend factors by policy year which are a product of the severity (pages 7 and 9) and frequency (page 5) trend factors that were previously calculated.

Pages 12 and 13 show averages of the four latest policy years trended to the midpoint of the prospective rating period (12/1/20) on a linear and exponential basis, respectively.

Pages 14 through 25 show experience for medical loss and loss adjustment expense laid out the same way as pages 2 through 13 while pages 26 and 27 show a summary of annualized severity and loss ratio trend factors.

PREMIUMS	PDF 14-15	PDF 15-16	PDF 16-17	PDF 17-18	4 Year Average	Selected PDF
Beyond	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
28-29	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
27-28	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
26-27	1.0000	1.0000	1.0000	1.0002	1.0001	1.0000
25-26	1.0000	1.0000	1.0003	1.0000	1.0001	1.0000
24-25	1.0000	1.0002	1.0000	1.0000	1.0001	1.0000
23-24	1.0002	1.0000	1.0000	1.0000	1.0001	1.0000
22-23	1.0000	1.0000	0.9999	1.0000	1.0000	1.0000
21-22	1.0000	1.0001	1.0000	0.9988	0.9997	1.0000
20-21	1.0000	1.0000	1.0001	1.0013	1.0004	1.0000
19-20	1.0000	1.0000	1.0001	1.0000	1.0000	1.0000
18-19	1.0000	1.0000	1.0001	1.0000	1.0000	1.0000
17-18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
16-17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15-16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
14-15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
13-14	1.0001	1.0000	1.0000	1.0000	1.0000	1.0000
12-13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11-12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10-11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9-10	1.0000	1.0000	1.0000	1.0004	1.0001	1.0000
8-9	1.0000	1.0000	0.9996	1.0001	0.9999	0.9999
7-8	1.0000	1.0000	1.0000	1.0009	1.0002	1.0002
6-7	1.0000	1.0000	0.9999	1.0001	1.0000	1.0000
5-6	1.0057	0.9999	1.0000	1.0001	1.0014	1.0014
4-5	1.0020	1.0003	1.0014	1.0001	1.0010	1.0010
3-4	0.9978	1.0002	1.0002	0.9998	0.9995	0.9995
2-3	1.0031	0.9993	0.9990	0.9986	1.0000	1.0000
1-2	1.0074	1.0126	1.0063	1.0073	1.0084	1.0084

PREMIUMS	Policy Year	Reported SEP	Cum PDF	Ultimate SEP	On-Level Factor	ECRF	DCCPAP Factor
Beyond	1989	110,434,536	1.0000	110,434,536	1.0930	0.9919	1.0000
28-29	1990	99,068,273	1.0000	99,068,273	1.0930	0.9915	1.0037
27-28	1991	95,299,600	1.0000	95,299,600	1.0930	0.9913	1.0083
26-27	1992	86,414,699	1.0000	86,414,699	1.0930	0.9914	1.0137
25-26	1993	87,138,363	1.0000	87,138,363	1.0930	0.9914	1.0144
24-25	1994	81,919,459	1.0000	81,919,459	1.1359	0.9942	1.0129
23-24	1995	78,358,546	1.0000	78,358,546	1.2187	0.9971	1.0112
22-23	1996	82,194,809	1.0000	82,194,809	1.2220	0.9973	1.0131
21-22	1997	81,487,738	1.0000	81,487,738	1.1628	0.9979	1.0081
20-21	1998	85,909,012	1.0000	85,909,012	1.0732	0.9986	1.0001
19-20	1999	80,452,030	1.0000	80,452,030	1.2363	0.9989	0.9959
18-19	2000	89,023,336	1.0000	89,023,336	1.2204	0.9988	0.9929
17-18	2001	87,243,814	1.0000	87,243,814	1.2833	0.9982	0.9956
16-17	2002	113,274,411	1.0000	113,274,411	1.0755	0.9976	0.9982
15-16	2003	128,433,912	1.0000	128,433,912	1.0089	0.9966	1.0010
14-15	2004	151,325,852	1.0000	151,325,852	1.0496	0.9963	0.9999
13-14	2005	184,339,508	1.0000	184,339,508	0.9230	0.9968	0.9985
12-13	2006	203,827,167	1.0000	203,827,167	0.8816	0.9975	0.9960
11-12	2007	197,842,579	1.0000	197,842,579	0.9051	0.9977	0.9974
10-11	2008	149,789,433	1.0000	149,789,433	1.2211	0.9974	0.9989
9-10	2009	117,656,705	1.0000	117,656,705	1.5210	0.9971	1.0147
8-9	2010	105,346,615	0.9999	105,336,080	1.6549	0.9970	1.0141
7-8	2011	104,913,893	1.0001	104,924,384	1.6663	0.9968	1.0145
6-7	2012	114,525,756	1.0001	114,537,209	1.4296	0.9966	1.0156
5-6	2013	134,430,051	1.0015	134,631,696	1.1658	0.9966	1.0139
4-5	2014	146,687,320	1.0025	147,054,038	1.0596	0.9966	1.0141
3-4	2015	145,199,847	1.0020	145,490,247	1.1686	0.9965	1.0166
2-3	2016	165,458,328	1.0020	165,789,245	1.1066	0.9973	1.0152
1-2	2017	176,346,491	1.0104	178,180,495	1.1318	0.9973	1.0152

PREMIUMS	Policy Year	Other Adjustments	On-Level SEP
1989		1.0000	119,727,238
1990		1.0000	107,758,465
1991		1.0000	104,113,276
1992		1.0000	94,921,839
1993		1.0000	95,782,841
1994		1.0000	93,709,254
1995		1.0000	96,285,071
1996		1.0000	101,483,101
1997		1.0000	95,320,854
1998		1.0000	92,077,682
1999		1.0000	98,946,086
2000		1.0000	107,743,259
2001		1.0000	111,266,721
2002		1.0000	121,315,483
2003		1.0000	129,265,549
2004		1.0000	158,228,113
2005		1.0000	169,346,499
2006		1.0000	178,527,816
2007		1.0000	178,190,959
2008		1.0000	182,231,641
2009		1.0000	181,059,898
2010		1.0000	176,248,265
2011		1.0000	176,803,030
2012		1.0000	165,731,366
2013		1.0000	158,594,227
2014		1.0000	157,478,246
2015		1.0000	172,237,285
2016		1.0000	185,748,129
2017		1.0000	204,177,216

INDEMNITY	Incurred LDF 11-12	Incurred LDF 12-13	Incurred LDF 13-14	Incurred LDF 14-15	Incurred LDF 15-16	Incurred LDF 16-17	Incurred LDF 17-18	4 Year Average LDF	Selected Incurred LDF
Beyond	0.9939	0.9941	0.9896	0.9994	0.9973	1.0065	0.9796	0.9957	0.9957
28-29				0.9993	0.9990	1.0004	0.9999	0.9997	1.0002
27-28			1.0005	0.9990	0.9990	0.9969	1.0012	0.9990	1.0002
26-27		0.9984	0.9997	1.0017	0.9994	1.0027	0.9991	1.0007	1.0002
25-26	1.0008	0.9901	0.9990	0.9954	0.9985	0.9977	0.9989	0.9976	1.0002
24-25	1.0001	1.0041	0.9978	1.0149	0.9968	0.9985	0.9980	1.0021	1.0003
23-24	1.0009	1.0022	0.9988	1.0008	0.9977	1.0008	1.0046	1.0010	1.0003
22-23	0.9987	0.9986	1.0086	0.9991	1.0012	1.0006	1.0006	1.0000	1.0003
21-22	0.9993	0.9968	0.9983	1.0029	0.9946	0.9991	0.9902	0.9967	1.0004
20-21	0.9978	0.9964	0.9989	1.0102	0.9920	0.9983	1.0026	1.0008	1.0005
19-20	0.9965	0.9924	0.9884	0.9988	1.0004	0.9991	1.0008	0.9998	1.0005
18-19	1.0116	1.0328	0.9993	1.0029	0.9976	1.0002	0.9967	0.9994	1.0006
17-18	0.9781	0.9987	0.9962	0.9965	1.0007	1.0026	1.0007	1.0001	1.0007
16-17	0.9995	1.0039	0.9981	1.0003	1.0061	0.9977	1.0005	1.0012	1.0008
15-16	1.0030	1.0019	0.9997	0.9983	0.9964	0.9954	0.9982	0.9971	1.0010
14-15	1.0036	0.9963	0.9977	0.9964	0.9985	0.9985	1.0010	0.9986	1.0012
13-14	1.0045	0.9951	1.0031	0.9989	0.9994	0.9972	1.0066	1.0005	1.0014
12-13	1.0221	1.0178	1.0020	0.9949	0.9999	1.0016	0.9993	0.9989	1.0018
11-12	0.9957	1.0026	0.9964	1.0004	1.0051	1.0038	0.9968	1.0015	1.0022
10-11	1.0002	1.0017	1.0237	1.0017	0.9975	1.0029	1.0007	1.0007	1.0028
9-10	1.0064	1.0075	1.0083	1.0008	1.0080	0.9949	1.0236	1.0068	1.0037
8-9	1.0119	1.0091	1.0009	1.0135	1.0063	1.0046	1.0212	1.0114	1.0050
7-8	1.0209	1.0059	1.0099	1.0098	1.0039	1.0168	1.0041	1.0087	1.0070
6-7	1.0306	1.0321	1.0344	1.0033	1.0148	1.0288	1.0201	1.0168	1.0103
5-6	1.0148	1.0290	1.0329	1.0328	1.0222	1.0085	1.0113	1.0187	1.0160
4-5	1.0177	1.0537	1.0632	0.9857	1.0245	1.0280	1.0238	1.0155	1.0269
3-4	1.0368	1.0580	1.0578	1.0445	1.0872	1.0302	1.0541	1.0540	1.0507
2-3	1.2167	1.2485	1.0995	1.1065	1.1557	1.0985	1.0995	1.1151	1.1152
1-2	1.3101	1.2854	1.3228	1.2829	1.2754	1.4626	1.4411	1.3655	1.3655

INDEMNITY	Paid LDF 11-12	Paid LDF 12-13	Paid LDF 13-14	Paid LDF 14-15	Paid LDF 15-16	Paid LDF 16-17	Paid LDF 17-18	4 Year Average LDF	Selected Paid LDF
28-29				1.0022	0.9993	1.0001	0.9997	1.0003	1.0014
27-28			1.0018	1.0008	1.0004	0.9959	1.0018	0.9997	1.0015
26-27		1.0008	1.0015	1.0045	1.0001	1.0013	1.0003	1.0016	1.0015
25-26	1.0024	0.9848	1.0002	0.9968	1.0014	1.0019	0.9991	0.9998	1.0016
24-25	1.0001	1.0078	0.9999	1.0027	1.0008	0.9992	1.0021	1.0012	1.0017
23-24	1.0019	1.0038	1.0021	1.0040	0.9982	1.0032	1.0036	1.0023	1.0019
22-23	0.9997	1.0006	1.0198	0.9973	1.0008	1.0008	1.0010	1.0000	1.0020
21-22	1.0017	1.0032	0.9984	1.0051	1.0091	1.0006	0.9988	1.0034	1.0022
20-21	1.0055	0.9976	1.0007	1.0025	0.9997	1.0016	1.0039	1.0019	1.0025
19-20	1.0062	1.0025	1.0387	1.0015	1.0029	1.0051	1.0010	1.0026	1.0027
18-19	1.0063	1.0023	1.0005	1.0036	0.9989	1.0067	1.0010	1.0026	1.0031
17-18	1.0040	1.0025	1.0035	1.0032	1.0025	1.0043	1.0019	1.0030	1.0036
16-17	1.0021	1.0061	1.0084	1.0078	1.0107	1.0119	1.0017	1.0080	1.0041
15-16	1.0057	1.0129	1.0101	1.0020	1.0023	1.0023	1.0002	1.0017	1.0048
14-15	1.0133	1.0028	1.0028	1.0069	1.0054	0.9996	1.0056	1.0044	1.0057
13-14	1.0101	1.0226	1.0087	1.0092	1.0012	1.0083	1.0090	1.0069	1.0069
12-13	1.0109	1.0108	1.0112	1.0088	1.0073	1.0058	1.0019	1.0060	1.0084
11-12	1.0108	1.0126	1.0127	1.0075	1.0043	1.0060	1.0050	1.0057	1.0105
10-11	1.0114	1.0155	1.0341	1.0075	1.0288	1.0147	1.0224	1.0184	1.0132
9-10	1.0126	1.0193	1.0164	1.0184	1.0226	1.0111	1.0367	1.0222	1.0171
8-9	1.0203	1.0347	1.0284	1.0410	1.0377	1.0212	1.0339	1.0335	1.0226
7-8	1.0260	1.0353	1.0547	1.0198	1.0191	1.0702	1.0330	1.0355	1.0308
6-7	1.0467	1.0528	1.0310	1.0393	1.0598	1.0524	1.0500	1.0504	1.0435
5-6	1.0765	1.0797	1.0546	1.0898	1.0516	1.0520	1.0426	1.0590	1.0648
4-5	1.1237	1.1193	1.1210	1.0875	1.0541	1.0962	1.0916	1.0824	1.1036
3-4	1.2065	1.1852	1.1985	1.1632	1.2342	1.2102	1.1616	1.1923	1.1838
2-3	1.5144	1.5790	1.3943	1.4475	1.3806	1.4012	1.3174	1.3867	1.3857
1-2	1.9083	2.0196	2.0393	1.8383	1.9441	2.1255	2.0106	1.9796	1.9797

INDEMNITY	Pd-Incur LDF 11-12	Pd-Incur LDF 12-13	Pd-Incur LDF 13-14	Pd-Incur LDF 14-15	Pd-Incur LDF 15-16	Pd-Incur LDF 16-17	Pd-Incur LDF 17-18	4 Year Average LDF	Selected Pd-Incur LDF
28-29				1.0175	1.0103	1.0041	1.0073	1.0098	1.0098
27-28			1.0167	1.0121	1.0041	1.0033	1.0278	1.0118	1.0118
26-27		1.0191	1.0154	1.0097	1.0065	1.0279	1.0054	1.0124	1.0124
25-26	1.0232	0.9995	1.0086	1.0039	1.0265	1.0082	1.0004	1.0098	1.0098
24-25	1.0096	1.0170	1.0082	1.0308	1.0114	1.0008	1.0185	1.0154	1.0154
23-24	1.0146	1.0140	1.0186	1.0187	1.0006	1.0238	1.0270	1.0175	1.0175
22-23	1.0115	1.0192	1.0389	1.0001	1.0238	1.0230	1.0099	1.0142	1.0142
21-22	1.0225	1.0312	0.9996	1.0299	1.0312	1.0099	1.0092	1.0201	1.0201
20-21	1.0402	0.9988	1.0272	1.0394	1.0105	1.0207	1.0200	1.0227	1.0227
19-20	1.0086	1.0294	1.0708	1.0202	1.0252	1.0224	1.0085	1.0191	1.0191
18-19	1.0438	1.0771	1.0227	1.0284	1.0220	1.0144	1.0015	1.0166	1.0166
17-18	1.0470	1.0250	1.0258	1.0277	1.0168	1.0091	1.0210	1.0187	1.0187
16-17	1.0283	1.0388	1.0428	1.0240	1.0172	1.0324	1.0252	1.0247	1.0247
15-16	1.0405	1.0564	1.0332	1.0130	1.0371	1.0269	1.0046	1.0204	1.0204
14-15	1.0680	1.0335	1.0137	1.0480	1.0371	1.0060	1.0360	1.0318	1.0318
13-14	1.0473	1.0419	1.0684	1.0482	1.0087	1.0430	1.0264	1.0316	1.0316
12-13	1.0577	1.0807	1.0482	1.0181	1.0530	1.0258	1.0190	1.0290	1.0290
11-12	1.0723	1.0655	1.0441	1.0610	1.0285	1.0257	1.0400	1.0388	1.0388
10-11	1.0736	1.0618	1.1013	1.0310	1.0505	1.0582	1.0646	1.0511	1.0511
9-10	1.0711	1.0959	1.0474	1.0725	1.0785	1.0810	1.0808	1.0782	1.0782
8-9	1.1095	1.0731	1.0988	1.1138	1.1274	1.0781	1.1157	1.1088	1.1088
7-8	1.0912	1.1397	1.1612	1.1426	1.0936	1.1683	1.0836	1.1220	1.1220
6-7	1.1859	1.2059	1.1686	1.1321	1.2175	1.1354	1.0996	1.1462	1.1462
5-6	1.2569	1.2217	1.1765	1.3074	1.1605	1.1335	1.1561	1.1894	1.1894
4-5	1.3344	1.2842	1.4198	1.2346	1.1844	1.2533	1.2248	1.2243	1.2243
3-4	1.4719	1.5905	1.4922	1.3447	1.5034	1.4471	1.3330	1.4071	1.4071
2-3	2.2774	2.2904	1.7915	2.0015	1.9387	1.7717	1.6416	1.8384	1.8384
1-2	3.5080	3.3093	3.6762	3.0838	3.1560	3.1826	3.5863	3.2522	3.2522

INDEMNITY	Policy Year	Incurred LDF	Paid to 29th LDF
Beyond	1989	0.9957	0.9957
28-29	1990	1.0002	1.0098
27-28	1991	1.0002	1.0015
26-27	1992	1.0002	1.0015
25-26	1993	1.0002	1.0016
24-25	1994	1.0003	1.0017
23-24	1995	1.0003	1.0019
22-23	1996	1.0003	1.0020
21-22	1997	1.0004	1.0022
20-21	1998	1.0005	1.0025
19-20	1999	1.0005	1.0027
18-19	2000	1.0006	1.0031
17-18	2001	1.0007	1.0036
16-17	2002	1.0008	1.0041
15-16	2003	1.0010	1.0048
14-15	2004	1.0012	1.0057
13-14	2005	1.0014	1.0069
12-13	2006	1.0018	1.0084
11-12	2007	1.0022	1.0105
10-11	2008	1.0028	1.0132
9-10	2009	1.0037	1.0171
8-9	2010	1.0050	1.0226
7-8	2011	1.0070	1.0308
6-7	2012	1.0103	1.0435
5-6	2013	1.0160	1.0648
4-5	2014	1.0269	1.1036
3-4	2015	1.0507	1.1838
2-3	2016	1.1152	1.3857
1-2	2017	1.3655	1.9797

INDEMNITY	Policy Year	Incurred Cum LDF	Paid to 29th Cum LDF
Beyond	1989	0.9957	0.9957
28-29	1990	0.9959	1.0055
27-28	1991	0.9961	1.0070
26-27	1992	0.9963	1.0085
25-26	1993	0.9965	1.0101
24-25	1994	0.9968	1.0118
23-24	1995	0.9971	1.0137
22-23	1996	0.9974	1.0158
21-22	1997	0.9978	1.0180
20-21	1998	0.9983	1.0205
19-20	1999	0.9988	1.0233
18-19	2000	0.9994	1.0265
17-18	2001	1.0001	1.0302
16-17	2002	1.0009	1.0344
15-16	2003	1.0019	1.0393
14-15	2004	1.0031	1.0453
13-14	2005	1.0045	1.0525
12-13	2006	1.0063	1.0613
11-12	2007	1.0085	1.0725
10-11	2008	1.0113	1.0866
9-10	2009	1.0151	1.1052
8-9	2010	1.0202	1.1302
7-8	2011	1.0273	1.1650
6-7	2012	1.0379	1.2157
5-6	2013	1.0545	1.2944
4-5	2014	1.0829	1.4286
3-4	2015	1.1378	1.6911
2-3	2016	1.2688	2.3434
1-2	2017	1.7326	4.6392

INDEMNITY	Policy Year	Benefit Level Factor	LAE
Beyond	1989	1.5620	1.2396
28-29	1990	1.5332	1.2396
27-28	1991	1.5147	1.2396
26-27	1992	1.4960	1.2396
25-26	1993	1.4734	1.2396
24-25	1994	1.4549	1.2396
23-24	1995	1.4312	1.2396
22-23	1996	1.4029	1.2396
21-22	1997	1.3759	1.2396
20-21	1998	1.3462	1.2396
19-20	1999	1.3149	1.2396
18-19	2000	1.2823	1.2396
17-18	2001	1.2525	1.2396
16-17	2002	1.2245	1.2396
15-16	2003	1.1948	1.2396
14-15	2004	1.1808	1.2396
13-14	2005	1.1645	1.2396
12-13	2006	1.1405	1.2396
11-12	2007	1.1104	1.2396
10-11	2008	1.0917	1.2396
9-10	2009	1.0876	1.2396
8-9	2010	1.0904	1.2396
7-8	2011	1.0940	1.2396
6-7	2012	1.0783	1.2396
5-6	2013	1.0552	1.2396
4-5	2014	1.0431	1.2396
3-4	2015	1.0415	1.2396
2-3	2016	1.0257	1.2396
1-2	2017	1.0127	1.2396

INDEMNITY		Policy Year	Incurred Base	Paid to 29th Base
Beyond	1989	31,368,314	31,368,314	
28-29	1990	33,491,307	32,645,242	
27-28	1991	30,780,274	30,622,278	
26-27	1992	26,261,149	26,226,246	
25-26	1993	30,173,328	29,687,789	
24-25	1994	23,743,735	23,203,141	
23-24	1995	24,272,590	24,059,928	
22-23	1996	29,998,301	29,687,983	
21-22	1997	29,127,306	28,668,223	
20-21	1998	25,191,957	25,004,529	
19-20	1999	29,490,839	29,476,776	
18-19	2000	38,643,854	37,922,529	
17-18	2001	33,683,905	32,910,947	
16-17	2002	33,542,513	33,396,217	
15-16	2003	38,068,329	36,949,010	
14-15	2004	39,349,099	38,680,248	
13-14	2005	39,857,089	39,187,604	
12-13	2006	43,461,730	42,001,093	
11-12	2007	41,406,600	39,766,860	
10-11	2008	39,572,781	37,956,947	
9-10	2009	44,457,574	41,200,773	
8-9	2010	39,354,686	37,515,693	
7-8	2011	37,676,653	35,978,035	
6-7	2012	35,234,010	31,772,684	
5-6	2013	38,321,526	34,154,600	
4-5	2014	30,189,075	26,306,826	
3-4	2015	30,769,607	24,692,824	
2-3	2016	28,682,781	16,080,470	
1-2	2017	20,649,443	9,804,073	

INDEMNITY		Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-29)
Beyond	1989	31,233,430	31,233,430	31,233,430
28-29	1990	33,089,392	33,353,993	32,824,791
27-28	1991	30,748,433	30,660,231	30,836,634
26-27	1992	26,306,576	26,163,983	26,449,169
25-26	1993	30,027,679	30,067,721	29,987,636
24-25	1994	23,572,347	23,667,755	23,476,938
23-24	1995	24,295,874	24,202,199	24,389,549
22-23	1996	30,038,679	29,920,305	30,157,053
21-22	1997	29,123,739	29,063,226	29,184,251
20-21	1998	25,333,127	25,149,131	25,517,122
19-20	1999	29,809,518	29,455,450	30,163,585
18-19	2000	38,774,072	38,620,668	38,927,476
17-18	2001	33,796,066	33,687,273	33,904,858
16-17	2002	34,058,874	33,572,701	34,545,047
15-16	2003	38,270,883	38,140,659	38,401,106
14-15	2004	39,951,772	39,471,081	40,432,463
13-14	2005	40,640,700	40,036,446	41,244,953
12-13	2006	44,155,650	43,735,539	44,575,760
11-12	2007	42,204,257	41,758,556	42,649,957
10-11	2008	40,631,986	40,019,953	41,244,019
9-10	2009	45,331,989	45,128,883	45,535,094
8-9	2010	41,274,944	40,149,651	42,400,236
7-8	2011	40,309,819	38,705,226	41,914,411
6-7	2012	37,597,716	36,569,379	38,626,052
5-6	2013	42,309,882	40,410,049	44,209,714
4-5	2014	35,136,841	32,691,749	37,581,932
3-4	2015	38,383,847	35,009,659	41,758,035
2-3	2016	37,037,843	36,392,713	37,682,973
1-2	2017	40,630,140	35,777,225	45,483,055

INDEMNITY		Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-29)
Beyond	1989	60,475,891	60,475,891	60,475,891
28-29	1990	62,888,200	63,391,089	62,385,311
27-28	1991	57,733,937	57,568,328	57,899,546
26-27	1992	48,784,009	48,519,578	49,048,439
25-26	1993	54,843,352	54,916,487	54,770,217
24-25	1994	42,512,587	42,684,655	42,340,518
23-24	1995	43,103,687	42,937,497	43,269,877
22-23	1996	52,238,310	52,032,453	52,444,166
21-22	1997	49,672,448	49,569,240	49,775,656
20-21	1998	42,274,643	41,967,600	42,581,685
19-20	1999	48,588,025	48,010,912	49,165,137
18-19	2000	61,632,903	61,389,061	61,876,744
17-18	2001	52,471,738	52,302,826	52,640,649
16-17	2002	51,697,631	50,959,674	52,435,588
15-16	2003	56,682,012	56,489,141	56,874,883
14-15	2004	58,478,195	57,774,598	59,181,792
13-14	2005	58,665,427	57,793,178	59,537,675
12-13	2006	62,425,659	61,831,722	63,019,596
11-12	2007	58,092,127	57,478,641	58,705,612
10-11	2008	54,986,102	54,157,855	55,814,348
9-10	2009	61,116,087	60,842,262	61,389,911
8-9	2010	55,789,684	54,268,671	57,310,696
7-8	2011	54,665,048	52,489,024	56,841,072
6-7	2012	50,255,388	48,880,851	51,629,925
5-6	2013	55,342,422	52,857,392	57,827,452
4-5	2014	45,432,875	42,271,306	48,594,444
3-4	2015	49,555,212	45,198,989	53,911,435
2-3	2016	47,092,052	46,271,796	47,912,307
1-2	2017	51,004,759	44,912,686	57,096,831

INDEMNITY

Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-29)
1989	0.5051	0.5051	0.5051
1990	0.5836	0.5883	0.5789
1991	0.5545	0.5529	0.5561
1992	0.5139	0.5112	0.5167
1993	0.5726	0.5733	0.5718
1994	0.4537	0.4555	0.4518
1995	0.4477	0.4459	0.4494
1996	0.5147	0.5127	0.5168
1997	0.5211	0.5200	0.5222
1998	0.4591	0.4558	0.4625
1999	0.4911	0.4852	0.4969
2000	0.5720	0.5698	0.5743
2001	0.4716	0.4701	0.4731
2002	0.4261	0.4201	0.4322
2003	0.4385	0.4370	0.4400
2004	0.3696	0.3651	0.3740
2005	0.3464	0.3413	0.3516
2006	0.3497	0.3463	0.3530
2007	0.3260	0.3226	0.3295
2008	0.3017	0.2972	0.3063
2009	0.3375	0.3360	0.3391
2010	0.3165	0.3079	0.3252
2011	0.3092	0.2969	0.3215
2012	0.3032	0.2949	0.3115
2013	0.3490	0.3333	0.3646
2014	0.2885	0.2684	0.3086
2015	0.2877	0.2624	0.3130
2016	0.2535	0.2491	0.2579
2017	0.2498	0.2200	0.2796

INDEMNITY FREQUENCY

Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/18	Selected Ann Trend	Trend Period # Years	Trend 1/1/18-12/1/20	Combined Trend Factor
				-5.0%	1		
				-5.0%	1		
				-5.0%	1		
				-5.0%	0.9167		
2005	11.55	1.0000					
2006	10.86	0.9403					
2007	10.09	0.8736					
2008	8.94	0.7740					
2009	8.91	0.7714					
2010	8.89	0.7697					
2011	8.33	0.7212					
2012	7.48	0.6476					
2013	7.80	0.6753					
2014	6.70	0.5801	0.8581			0.8618	0.7395
2015	7.02	0.6078	0.9030			0.8618	0.7782
2016	6.13	0.5307	0.9503			0.8618	0.8189
2017*	6.12	0.5299	1.0000			0.8618	0.8618

* Adjusted to a full Policy Year

INDEMNITY SEVERITY RATIOS

Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-29)
2005	0.3464	0.3413	0.3516
2006	0.3719	0.3683	0.3754
2007	0.3732	0.3693	0.3772
2008	0.3898	0.3840	0.3957
2009	0.4375	0.4356	0.4396
2010	0.4112	0.4000	0.4225
2011	0.4287	0.4117	0.4458
2012	0.4682	0.4554	0.4810
2013	0.5168	0.4935	0.5399
2014	0.4973	0.4627	0.5320
2015	0.4734	0.4317	0.5150
2016	0.4776	0.4693	0.4859
2017	0.4714	0.4152	0.5277

INDEMNITY Linear FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	2014	0.4910	0.4605	0.5215
	2015	0.4836	0.4500	0.5173
	2016	0.4763	0.4395	0.5131
	2017	0.4689	0.4290	0.5089
5 Point	2013	0.5094	0.4845	0.5342
	2014	0.4984	0.4695	0.5272
	2015	0.4873	0.4545	0.5201
	2016	0.4763	0.4395	0.5131
	2017	0.4652	0.4245	0.5060
6 Point	2012	0.4931	0.4764	0.5097
	2013	0.4895	0.4677	0.5112
	2014	0.4859	0.4590	0.5128
	2015	0.4823	0.4503	0.5144
	2016	0.4787	0.4416	0.5159
	2017	0.4752	0.4329	0.5175
7 Point	2011	0.4651	0.4510	0.4792
	2012	0.4688	0.4502	0.4874
	2013	0.4725	0.4493	0.4957
	2014	0.4762	0.4485	0.5039
	2015	0.4799	0.4477	0.5121
	2016	0.4836	0.4468	0.5204
	2017	0.4873	0.4460	0.5286
8 Point	2010	0.4405	0.4303	0.4508
	2011	0.4484	0.4337	0.4630
	2012	0.4563	0.4372	0.4753
	2013	0.4641	0.4407	0.4876
	2014	0.4720	0.4442	0.4999
	2015	0.4799	0.4477	0.5121
	2016	0.4878	0.4511	0.5244
	2017	0.4957	0.4546	0.5367
9 Point	2009	0.4345	0.4301	0.4389
	2010	0.4420	0.4330	0.4511
	2011	0.4496	0.4359	0.4633
	2012	0.4571	0.4388	0.4755
	2013	0.4647	0.4417	0.4877
	2014	0.4722	0.4446	0.4999
	2015	0.4798	0.4475	0.5121
	2016	0.4873	0.4504	0.5243
	2017	0.4949	0.4533	0.5365
10 Point	2008	0.4141	0.4123	0.4160
	2009	0.4237	0.4175	0.4299
	2010	0.4332	0.4228	0.4438
	2011	0.4428	0.4280	0.4577
	2012	0.4524	0.4333	0.4716
	2013	0.4620	0.4385	0.4855
	2014	0.4716	0.4438	0.4993
	2015	0.4811	0.4490	0.5132
	2016	0.4907	0.4543	0.5271
	2017	0.5003	0.4595	0.5410

INDEMNITY Linear TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	Fitted	0.4475	0.3984	0.4966
5 Point	Fitted	0.4330	0.3807	0.4854
6 Point	Fitted	0.4647	0.4075	0.5220
7 Point	Fitted	0.4981	0.4435	0.5526
8 Point	Fitted	0.5186	0.4648	0.5725
9 Point	Fitted	0.5169	0.4617	0.5721
10 Point	Fitted	0.5282	0.4748	0.5815

INDEMNITY Linear Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-29)
4 Point	2014	0.9114	0.8652	0.9523
	2015	0.9253	0.8854	0.9601
	2016	0.9396	0.9065	0.9679
	2017	0.9543	0.9287	0.9759
5 Point	2014	0.8688	0.8110	0.9209
	2015	0.8885	0.8377	0.9334
	2016	0.9091	0.8663	0.9462
	2017	0.9307	0.8969	0.9594
6 Point	2014	0.9563	0.8878	1.0180
	2015	0.9634	0.9050	1.0149
	2016	0.9707	0.9228	1.0118
	2017	0.9780	0.9414	1.0088
7 Point	2014	1.0459	0.9889	1.0967
	2015	1.0379	0.9908	1.0791
	2016	1.0299	0.9926	1.0620
	2017	1.0221	0.9945	1.0454
8 Point	2014	1.0988	1.0464	1.1453
	2015	1.0807	1.0382	1.1178
	2016	1.0633	1.0302	1.0917
	2017	1.0464	1.0223	1.0667
9 Point	2014	1.0947	1.0385	1.1444
	2015	1.0774	1.0318	1.1171
	2016	1.0607	1.0252	1.0911
	2017	1.0445	1.0186	1.0663
10 Point	2014	1.1202	1.0700	1.1646
	2015	1.0979	1.0575	1.1331
	2016	1.0765	1.0453	1.1032
	2017	1.0558	1.0333	1.0749

INDEMNITY Expon'l FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	2014	0.4909	0.4605	0.5212
	2015	0.4835	0.4496	0.5170
	2016	0.4762	0.4388	0.5127
	2017	0.4690	0.4284	0.5085
5 Point	2013	0.5093	0.4847	0.5341
	2014	0.4980	0.4689	0.5269
	2015	0.4870	0.4536	0.5197
	2016	0.4762	0.4388	0.5127
	2017	0.4656	0.4245	0.5058
6 Point	2012	0.4926	0.4766	0.5089
	2013	0.4891	0.4674	0.5106
	2014	0.4856	0.4584	0.5122
	2015	0.4821	0.4495	0.5139
	2016	0.4786	0.4408	0.5156
	2017	0.4752	0.4323	0.5173
7 Point	2011	0.4636	0.4500	0.4777
	2012	0.4675	0.4492	0.4860
	2013	0.4715	0.4484	0.4943
	2014	0.4755	0.4476	0.5029
	2015	0.4796	0.4469	0.5116
	2016	0.4836	0.4461	0.5204
	2017	0.4877	0.4453	0.5294
8 Point	2010	0.4388	0.4289	0.4494
	2011	0.4467	0.4324	0.4612
	2012	0.4547	0.4360	0.4733
	2013	0.4628	0.4396	0.4857
	2014	0.4711	0.4432	0.4985
	2015	0.4796	0.4469	0.5116
	2016	0.4882	0.4506	0.5250
	2017	0.4969	0.4543	0.5388
9 Point	2009	0.4335	0.4292	0.4385
	2010	0.4408	0.4320	0.4499
	2011	0.4483	0.4349	0.4616
	2012	0.4559	0.4378	0.4736
	2013	0.4636	0.4407	0.4859
	2014	0.4714	0.4437	0.4986
	2015	0.4794	0.4466	0.5115
	2016	0.4875	0.4496	0.5248
	2017	0.4958	0.4526	0.5384
10 Point	2008	0.4133	0.4112	0.4162
	2009	0.4224	0.4163	0.4288
	2010	0.4316	0.4215	0.4418
	2011	0.4411	0.4267	0.4552
	2012	0.4507	0.4320	0.4690
	2013	0.4606	0.4374	0.4832
	2014	0.4707	0.4428	0.4979
	2015	0.4810	0.4483	0.5129
	2016	0.4915	0.4539	0.5285
	2017	0.5023	0.4595	0.5445

INDEMNITY Expon'l TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	Fitted	0.4487	0.3992	0.4964
5 Point	Fitted	0.4361	0.3854	0.4860
6 Point	Fitted	0.4653	0.4084	0.5223
7 Point	Fitted	0.4999	0.4431	0.5564
8 Point	Fitted	0.5233	0.4653	0.5811
9 Point	Fitted	0.5206	0.4614	0.5803
10 Point	Fitted	0.5350	0.4764	0.5941

INDEMNITY Expon'l Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-29)
4 Point	2014	0.9142	0.8669	0.9524
	2015	0.9282	0.8881	0.9602
	2016	0.9423	0.9098	0.9682
	2017	0.9567	0.9320	0.9762
5 Point	2014	0.8757	0.8220	0.9225
	2015	0.8956	0.8497	0.9352
	2016	0.9159	0.8783	0.9480
	2017	0.9367	0.9079	0.9610
6 Point	2014	0.9583	0.8911	1.0196
	2015	0.9652	0.9086	1.0162
	2016	0.9722	0.9265	1.0129
	2017	0.9792	0.9447	1.0096
7 Point	2014	1.0513	0.9899	1.1065
	2015	1.0425	0.9916	1.0878
	2016	1.0337	0.9933	1.0693
	2017	1.0250	0.9950	1.0512
8 Point	2014	1.1107	1.0499	1.1657
	2015	1.0912	1.0413	1.1359
	2016	1.0720	1.0327	1.1068
	2017	1.0531	1.0243	1.0785
9 Point	2014	1.1043	1.0401	1.1639
	2015	1.0860	1.0332	1.1345
	2016	1.0679	1.0263	1.1057
	2017	1.0501	1.0195	1.0777
10 Point	2014	1.1367	1.0758	1.1933
	2015	1.1123	1.0626	1.1582
	2016	1.0885	1.0495	1.1241
	2017	1.0652	1.0367	1.0910

INDEMNITY Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-29)
4 Point	2014	0.6740	0.6398	0.7042
	2015	0.7201	0.6890	0.7471
	2016	0.7694	0.7423	0.7926
	2017	0.8224	0.8004	0.8410
5 Point	2014	0.6425	0.5997	0.6810
	2015	0.6914	0.6519	0.7264
	2016	0.7445	0.7094	0.7748
	2017	0.8021	0.7729	0.8268
6 Point	2014	0.7072	0.6565	0.7528
	2015	0.7497	0.7043	0.7898
	2016	0.7949	0.7557	0.8286
	2017	0.8428	0.8113	0.8694
7 Point	2014	0.7734	0.7313	0.8110
	2015	0.8077	0.7710	0.8398
	2016	0.8434	0.8128	0.8697
	2017	0.8808	0.8571	0.9009
8 Point	2014	0.8126	0.7738	0.8469
	2015	0.8410	0.8079	0.8699
	2016	0.8707	0.8436	0.8940
	2017	0.9018	0.8810	0.9193
9 Point	2014	0.8095	0.7680	0.8463
	2015	0.8384	0.8029	0.8693
	2016	0.8686	0.8395	0.8935
	2017	0.9002	0.8778	0.9189
10 Point	2014	0.8284	0.7913	0.8612
	2015	0.8544	0.8229	0.8818
	2016	0.8815	0.8560	0.9034
	2017	0.9099	0.8905	0.9263

INDEMNITY Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-29)
4 Point	2014	0.6761	0.6411	0.7043
	2015	0.7223	0.6911	0.7472
	2016	0.7716	0.7450	0.7929
	2017	0.8245	0.8032	0.8413
5 Point	2014	0.6476	0.6079	0.6822
	2015	0.6970	0.6612	0.7278
	2016	0.7500	0.7192	0.7763
	2017	0.8072	0.7824	0.8282
6 Point	2014	0.7087	0.6590	0.7540
	2015	0.7511	0.7071	0.7908
	2016	0.7961	0.7587	0.8295
	2017	0.8439	0.8141	0.8701
7 Point	2014	0.7774	0.7320	0.8183
	2015	0.8113	0.7717	0.8465
	2016	0.8465	0.8134	0.8756
	2017	0.8833	0.8575	0.9059
8 Point	2014	0.8214	0.7764	0.8620
	2015	0.8492	0.8103	0.8840
	2016	0.8779	0.8457	0.9064
	2017	0.9076	0.8827	0.9295
9 Point	2014	0.8166	0.7692	0.8607
	2015	0.8451	0.8040	0.8829
	2016	0.8745	0.8404	0.9055
	2017	0.9050	0.8786	0.9288
10 Point	2014	0.8406	0.7956	0.8824
	2015	0.8656	0.8269	0.9013
	2016	0.8914	0.8594	0.9205
	2017	0.9180	0.8934	0.9402

INDEMNITY Linear TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-29)
4 Point	2014	0.1944	0.1717	0.2173
	2015	0.2072	0.1808	0.2338
	2016	0.1950	0.1849	0.2044
	2017	0.2054	0.1761	0.2351
	4 Yr Ave	0.2005	0.1784	0.2227
5 Point	2014	0.1854	0.1610	0.2102
	2015	0.1989	0.1711	0.2274
	2016	0.1887	0.1767	0.1998
	2017	0.2004	0.1700	0.2312
	4 Yr Ave	0.1934	0.1697	0.2172
6 Point	2014	0.2040	0.1762	0.2323
	2015	0.2157	0.1848	0.2472
	2016	0.2015	0.1882	0.2137
	2017	0.2105	0.1785	0.2431
	4 Yr Ave	0.2079	0.1819	0.2341
7 Point	2014	0.2231	0.1963	0.2503
	2015	0.2324	0.2023	0.2629
	2016	0.2138	0.2025	0.2243
	2017	0.2200	0.1886	0.2519
	4 Yr Ave	0.2223	0.1974	0.2474
8 Point	2014	0.2344	0.2077	0.2614
	2015	0.2420	0.2120	0.2723
	2016	0.2207	0.2101	0.2306
	2017	0.2253	0.1938	0.2570
	4 Yr Ave	0.2306	0.2059	0.2553
9 Point	2014	0.2335	0.2061	0.2612
	2015	0.2412	0.2107	0.2721
	2016	0.2202	0.2091	0.2304
	2017	0.2249	0.1931	0.2569
	4 Yr Ave	0.2300	0.2048	0.2552
10 Point	2014	0.2390	0.2124	0.2658
	2015	0.2458	0.2159	0.2760
	2016	0.2235	0.2132	0.2330
	2017	0.2273	0.1959	0.2590
	4 Yr Ave	0.2339	0.2094	0.2585

INDEMNITY Expon'l TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-29)
4 Point	2014	0.1951	0.1721	0.2173
	2015	0.2078	0.1813	0.2339
	2016	0.1956	0.1856	0.2045
	2017	0.2060	0.1767	0.2352
	4 Yr Ave	0.2011	0.1789	0.2227
5 Point	2014	0.1868	0.1632	0.2105
	2015	0.2005	0.1735	0.2278
	2016	0.1901	0.1792	0.2002
	2017	0.2016	0.1721	0.2316
	4 Yr Ave	0.1948	0.1720	0.2175
6 Point	2014	0.2045	0.1769	0.2327
	2015	0.2161	0.1855	0.2475
	2016	0.2018	0.1890	0.2139
	2017	0.2108	0.1791	0.2433
	4 Yr Ave	0.2083	0.1826	0.2344
7 Point	2014	0.2243	0.1965	0.2525
	2015	0.2334	0.2025	0.2650
	2016	0.2146	0.2026	0.2258
	2017	0.2206	0.1887	0.2533
	4 Yr Ave	0.2232	0.1976	0.2492
8 Point	2014	0.2370	0.2084	0.2660
	2015	0.2443	0.2126	0.2767
	2016	0.2225	0.2107	0.2338
	2017	0.2267	0.1942	0.2599
	4 Yr Ave	0.2326	0.2065	0.2591
9 Point	2014	0.2356	0.2065	0.2656
	2015	0.2431	0.2110	0.2763
	2016	0.2217	0.2093	0.2335
	2017	0.2261	0.1933	0.2597
	4 Yr Ave	0.2316	0.2050	0.2588
10 Point	2014	0.2425	0.2135	0.2723
	2015	0.2490	0.2170	0.2821
	2016	0.2260	0.2141	0.2374
	2017	0.2293	0.1965	0.2629
	4 Yr Ave	0.2367	0.2103	0.2637

MEDICAL	Incurred LDF 11-12	Incurred LDF 12-13	Incurred LDF 13-14	Incurred LDF 14-15	Incurred LDF 15-16	Incurred LDF 16-17	Incurred LDF 17-18	4 Year Average LDF	Selected Incurred LDF
Beyond	1.0072	1.0553	1.0165	0.9826	1.0096	1.0396	0.9833	1.0038	1.0038
28-29				1.0013	1.0054	1.0022	0.9953	1.0011	1.0012
27-28			1.0056	1.0083	1.0015	1.0069	1.0095	1.0066	1.0016
26-27		0.9757	1.0041	1.0040	1.0050	0.9988	1.0037	1.0029	1.0020
25-26	1.0013	1.0281	0.9967	1.0121	1.0072	1.0028	0.9936	1.0039	1.0025
24-25	1.0090	0.9995	1.0077	1.0115	0.9998	1.0009	1.0056	1.0045	1.0030
23-24	1.0022	1.0027	1.0027	1.0039	1.0072	1.0065	1.0115	1.0073	1.0036
22-23	1.0001	0.9917	0.9838	1.0153	0.9999	1.0035	1.0025	1.0053	1.0041
21-22	1.0065	0.9944	1.0034	1.0070	0.9883	0.9826	0.9957	0.9934	1.0047
20-21	0.9995	1.0014	1.0122	1.0058	1.0045	0.9947	1.0193	1.0061	1.0054
19-20	1.0126	0.9801	0.9761	1.0025	0.9996	1.0178	1.0004	1.0051	1.0061
18-19	0.9957	1.0116	0.9932	1.0199	0.9941	1.0027	0.9936	1.0026	1.0069
17-18	1.0088	0.9968	0.9846	1.0035	1.0207	1.0192	0.9602	1.0009	1.0077
16-17	1.0239	1.0210	1.0017	1.0029	0.9935	1.0216	1.0010	1.0048	1.0086
15-16	1.0191	1.0111	0.9990	1.0185	1.0120	1.0150	0.9794	1.0062	1.0096
14-15	1.0129	1.0145	0.9764	0.9915	1.0314	1.0079	1.0078	1.0097	1.0107
13-14	0.9959	0.9926	0.9887	1.0236	1.0239	1.0211	1.0203	1.0222	1.0120
12-13	0.9965	1.0208	0.9987	1.0212	1.0234	1.0504	1.0063	1.0253	1.0134
11-12	1.0292	0.9936	1.0135	1.0120	1.0380	0.9691	0.9986	1.0044	1.0150
10-11	1.0146	0.9769	1.0119	1.0345	1.0264	0.9983	1.0084	1.0169	1.0169
9-10	1.0331	1.0220	1.0161	1.0266	1.0274	1.0106	0.9990	1.0159	1.0192
8-9	1.0505	0.9937	1.0329	1.0079	1.0398	1.0221	1.0257	1.0239	1.0219
7-8	1.0083	1.0117	1.0615	1.0285	1.0635	1.0488	1.0033	1.0360	1.0253
6-7	1.0376	1.0396	1.0224	1.0442	1.0317	1.0595	0.9973	1.0332	1.0298
5-6	1.0451	1.0358	1.0812	1.0573	1.0576	1.0384	1.0274	1.0452	1.0358
4-5	1.0144	1.0527	1.1216	1.0654	1.0314	1.0259	0.9946	1.0293	1.0449
3-4	1.0790	1.0672	1.0692	1.0454	1.0563	1.0887	1.0302	1.0552	1.0600
2-3	1.1415	1.1308	1.0855	1.1434	1.1484	1.0880	1.0041	1.0960	1.0916
1-2	1.1965	1.1849	1.2377	1.2919	1.2026	1.1434	1.1529	1.1977	1.1979

MEDICAL	Paid LDF 11-12	Paid LDF 12-13	Paid LDF 13-14	Paid LDF 14-15	Paid LDF 15-16	Paid LDF 16-17	Paid LDF 17-18	4 Year Average LDF	Selected Paid LDF
28-29				1.0044	1.0135	1.0005	1.0016	1.0050	1.0033
27-28			1.0034	1.0083	1.0012	1.0102	1.0058	1.0064	1.0041
26-27		1.0123	1.0112	1.0023	1.0030	1.0087	1.0051	1.0048	1.0049
25-26	1.0028	1.0332	1.0050	1.0196	1.0044	1.0042	1.0011	1.0073	1.0057
24-25	1.0239	1.0065	1.0167	1.0097	1.0026	1.0017	1.0192	1.0083	1.0065
23-24	1.0037	1.0130	1.0072	1.0130	1.0029	1.0084	1.0060	1.0076	1.0074
22-23	1.0044	1.0128	1.0083	1.0072	1.0102	1.0056	1.0036	1.0067	1.0083
21-22	1.0091	1.0086	1.0116	1.0127	1.0096	1.0034	1.0054	1.0078	1.0093
20-21	1.0069	1.0082	1.0086	1.0054	1.0050	1.0085	1.0242	1.0108	1.0103
19-20	1.0118	1.0146	1.0243	1.0064	1.0139	1.0067	1.0045	1.0079	1.0114
18-19	1.0150	1.0114	1.0141	1.0219	1.0179	1.0209	1.0145	1.0188	1.0126
17-18	1.0108	1.0276	1.0181	1.0099	1.0145	1.0034	1.0063	1.0085	1.0139
16-17	1.0104	1.0243	1.0226	1.0089	1.0063	1.0067	1.0098	1.0079	1.0152
15-16	1.0340	1.0172	1.0047	1.0167	1.0087	1.0149	1.0144	1.0137	1.0166
14-15	1.0152	1.0106	1.0046	1.0190	1.0302	1.0117	1.0277	1.0222	1.0182
13-14	1.0104	1.0122	1.0217	1.0135	1.0141	1.0305	1.0229	1.0203	1.0199
12-13	1.0176	1.0273	1.0212	1.0495	1.0216	1.0176	1.0107	1.0249	1.0218
11-12	1.0401	1.0233	1.0330	1.0216	1.0200	1.0178	1.0191	1.0196	1.0240
10-11	1.0246	1.0348	1.0320	1.0314	1.0438	1.0216	1.0122	1.0273	1.0264
9-10	1.0247	1.0398	1.0274	1.0196	1.0420	1.0397	1.0312	1.0331	1.0293
8-9	1.0413	1.0252	1.0287	1.0442	1.0320	1.0235	1.0315	1.0328	1.0326
7-8	1.0216	1.0386	1.0455	1.0336	1.0421	1.0412	1.0334	1.0376	1.0368
6-7	1.0507	1.0464	1.0357	1.0508	1.0635	1.0409	1.0253	1.0451	1.0423
5-6	1.0691	1.0467	1.0532	1.0852	1.0459	1.0554	1.0336	1.0550	1.0499
4-5	1.0553	1.0908	1.0575	1.0721	1.0179	1.0661	1.0599	1.0540	1.0616
3-4	1.0832	1.0989	1.1042	1.0794	1.0854	1.0735	1.0514	1.0724	1.0832
2-3	1.1790	1.1659	1.1127	1.1744	1.1889	1.1395	1.0886	1.1479	1.1366
1-2	1.3999	1.3538	1.3604	1.4553	1.4057	1.3447	1.3709	1.3942	1.3957

MEDICAL	Pd-Incur LDF 11-12	Pd-Incur LDF 12-13	Pd-Incur LDF 13-14	Pd-Incur LDF 14-15	Pd-Incur LDF 15-16	Pd-Incur LDF 16-17	Pd-Incur LDF 17-18	4 Year Average LDF	Selected Pd-Incur LDF
28-29				1.0327	1.0697	1.0100	1.0125	1.0312	1.0312
27-28			1.0371	1.0729	1.0090	1.0275	1.0791	1.0471	1.0471
26-27		1.0466	1.0097	1.0235	1.0781	1.0160	1.0318	1.0318	1.0318
25-26	1.0756	1.1157	1.0069	1.0384	1.0838	1.0166	1.0112	1.0375	1.0375
24-25	1.1111	1.0204	1.0437	1.0864	1.0163	1.0193	1.0662	1.0471	1.0471
23-24	1.0245	1.0480	1.0617	1.0297	1.0213	1.0688	1.0578	1.0444	1.0444
22-23	1.0497	1.0954	1.0347	1.0213	1.0726	1.0513	1.0513	1.0491	1.0491
21-22	1.1146	1.0579	1.0180	1.0864	1.0582	1.0519	1.1144	1.0777	1.0777
20-21	1.0704	1.0218	1.0873	1.0765	1.0760	1.1284	1.1113	1.0981	1.0981
19-20	1.0324	1.0892	1.1036	1.0780	1.1500	1.0971	1.0623	1.0969	1.0969
18-19	1.1276	1.1302	1.0956	1.1756	1.0960	1.0834	1.0769	1.1080	1.1080
17-18	1.1289	1.1255	1.1604	1.1134	1.0959	1.0870	1.0887	1.0963	1.0963
16-17	1.1376	1.2162	1.1221	1.0832	1.0730	1.1409	1.1774	1.1186	1.1186
15-16	1.2306	1.1556	1.0843	1.0981	1.1264	1.1928	1.0704	1.1219	1.1219
14-15	1.1594	1.0963	1.0824	1.1342	1.2101	1.1055	1.1903	1.1600	1.1600
13-14	1.0977	1.1142	1.1656	1.1892	1.1121	1.2159	1.1866	1.1760	1.1760
12-13	1.1406	1.2116	1.1524	1.1398	1.2155	1.2126	1.1537	1.1804	1.1804
11-12	1.2447	1.2017	1.1552	1.2134	1.1773	1.1689	1.1578	1.1794	1.1794
10-11	1.2392	1.1709	1.2294	1.1698	1.2532	1.1862	1.1716	1.1952	1.1952
9-10	1.2280	1.2662	1.1667	1.2450	1.2366	1.2066	1.2213	1.2274	1.2274
8-9	1.2897	1.1714	1.2227	1.2568	1.2320	1.2510	1.2193	1.2398	1.2398
7-8	1.2042	1.2561	1.3014	1.2246	1.2753	1.2347	1.2267	1.2403	1.2403
6-7	1.3044	1.2860	1.2196	1.2601	1.2517	1.2716	1.1810	1.2411	1.2411
5-6	1.3036	1.2611	1.2700	1.3166	1.2550	1.2469	1.1706	1.2473	1.2473
4-5	1.2856	1.2804	1.3148	1.2721	1.2217	1.2152	1.1932	1.2256	1.2256
3-4	1.3205	1.2938	1.3064	1.2786	1.2849	1.2872	1.2514	1.2755	1.2755
2-3	1.4304	1.4523	1.3566	1.4285	1.4048	1.3836	1.2747	1.3729	1.3729
1-2	1.8031	1.7023	1.6971	1.7802	1.7857	1.7064	1.8588	1.7828	1.7828

MEDICAL	Policy Year	Incurred LDF	Paid to 29th LDF
Beyond	1989	1.0038	1.0038
28-29	1990	1.0012	1.0312
27-28	1991	1.0016	1.0041
26-27	1992	1.0020	1.0049
25-26	1993	1.0025	1.0057
24-25	1994	1.0030	1.0065
23-24	1995	1.0036	1.0074
22-23	1996	1.0041	1.0083
21-22	1997	1.0047	1.0093
20-21	1998	1.0054	1.0103
19-20	1999	1.0061	1.0114
18-19	2000	1.0069	1.0126
17-18	2001	1.0077	1.0139
16-17	2002	1.0086	1.0152
15-16	2003	1.0096	1.0166
14-15	2004	1.0107	1.0182
13-14	2005	1.0120	1.0199
12-13	2006	1.0134	1.0218
11-12	2007	1.0150	1.0240
10-11	2008	1.0169	1.0264
9-10	2009	1.0192	1.0293
8-9	2010	1.0219	1.0326
7-8	2011	1.0253	1.0368
6-7	2012	1.0298	1.0423
5-6	2013	1.0358	1.0499
4-5	2014	1.0449	1.0616
3-4	2015	1.0600	1.0832
2-3	2016	1.0916	1.1366
1-2	2017	1.1979	1.3957

MEDICAL	Policy Year	Incurred Cum LDF	Paid to 29th Cum LDF
Beyond	1989	1.0038	1.0038
28-29	1990	1.0050	1.0351
27-28	1991	1.0066	1.0394
26-27	1992	1.0086	1.0445
25-26	1993	1.0111	1.0504
24-25	1994	1.0142	1.0572
23-24	1995	1.0178	1.0651
22-23	1996	1.0220	1.0739
21-22	1997	1.0268	1.0839
20-21	1998	1.0324	1.0951
19-20	1999	1.0387	1.1075
18-19	2000	1.0458	1.1215
17-18	2001	1.0539	1.1371
16-17	2002	1.0629	1.1544
15-16	2003	1.0731	1.1735
14-15	2004	1.0846	1.1949
13-14	2005	1.0976	1.2187
12-13	2006	1.1123	1.2452
11-12	2007	1.1290	1.2751
10-11	2008	1.1481	1.3088
9-10	2009	1.1702	1.3471
8-9	2010	1.1958	1.3910
7-8	2011	1.2260	1.4422
6-7	2012	1.2626	1.5032
5-6	2013	1.3078	1.5782
4-5	2014	1.3665	1.6755
3-4	2015	1.4485	1.8149
2-3	2016	1.5812	2.0628
1-2	2017	1.8941	2.8790

MEDICAL	Policy Year	Benefit Level Factor	LAE
Beyond	1989	1.0000	1.2396
28-29	1990	1.0000	1.2396
27-28	1991	1.0000	1.2396
26-27	1992	1.0000	1.2396
25-26	1993	1.0000	1.2396
24-25	1994	1.0000	1.2396
23-24	1995	1.0000	1.2396
22-23	1996	1.0000	1.2396
21-22	1997	1.0000	1.2396
20-21	1998	1.0000	1.2396
19-20	1999	1.0000	1.2396
18-19	2000	1.0000	1.2396
17-18	2001	1.0000	1.2396
16-17	2002	1.0000	1.2396
15-16	2003	1.0000	1.2396
14-15	2004	1.0000	1.2396
13-14	2005	1.0000	1.2396
12-13	2006	1.0000	1.2396
11-12	2007	1.0000	1.2396
10-11	2008	1.0000	1.2396
9-10	2009	1.0000	1.2396
8-9	2010	1.0000	1.2396
7-8	2011	1.0000	1.2396
6-7	2012	1.0000	1.2396
5-6	2013	1.0000	1.2396
4-5	2014	1.0000	1.2396
3-4	2015	1.0000	1.2396
2-3	2016	1.0000	1.2396
1-2	2017	1.0000	1.2396

MEDICAL	Policy Year	Incurred Base	Paid to 29th Base
Beyond	1989	20,109,298	20,109,298
28-29	1990	20,913,681	19,492,189
27-28	1991	20,313,950	20,095,095
26-27	1992	20,703,337	20,496,271
25-26	1993	23,367,433	22,337,022
24-25	1994	20,250,491	19,259,839
23-24	1995	21,972,142	20,975,881
22-23	1996	30,360,367	27,389,423
21-22	1997	25,953,292	23,919,926
20-21	1998	23,091,481	21,835,093
19-20	1999	28,795,023	27,128,666
18-19	2000	39,038,811	36,083,191
17-18	2001	34,709,181	29,767,689
16-17	2002	38,061,487	36,068,700
15-16	2003	45,451,307	39,243,296
14-15	2004	50,473,881	43,508,558
13-14	2005	49,166,203	43,072,405
12-13	2006	52,428,995	46,148,372
11-12	2007	55,986,278	48,366,592
10-11	2008	57,623,886	48,653,864
9-10	2009	61,499,393	52,028,631
8-9	2010	68,212,219	57,460,725
7-8	2011	58,041,227	50,384,981
6-7	2012	50,054,456	44,194,196
5-6	2013	53,449,101	47,480,466
4-5	2014	44,274,791	37,197,594
3-4	2015	49,521,220	42,292,757
2-3	2016	50,358,856	37,140,252
1-2	2017	46,345,374	27,512,138

MEDICAL	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-29)
Beyond	1989	20,185,713	20,185,713	20,185,713
28-29	1990	20,597,307	21,018,249	20,176,365
27-28	1991	20,667,432	20,448,022	20,886,842
26-27	1992	21,144,871	20,881,386	21,408,355
25-26	1993	23,544,810	23,626,812	23,462,808
24-25	1994	20,449,775	20,538,048	20,361,502
23-24	1995	22,352,329	22,363,246	22,341,411
22-23	1996	30,220,898	31,028,295	29,413,501
21-22	1997	26,287,824	26,648,840	25,926,808
20-21	1998	23,875,628	23,839,645	23,911,610
19-20	1999	29,977,194	29,909,390	30,044,998
18-19	2000	40,647,044	40,826,789	40,467,299
17-18	2001	35,214,423	36,580,006	33,848,839
16-17	2002	41,046,631	40,455,555	41,637,707
15-16	2003	47,412,903	48,773,798	46,052,008
14-15	2004	53,366,174	54,743,971	51,988,376
13-14	2005	53,228,582	53,964,824	52,492,340
12-13	2006	57,890,362	58,316,771	57,463,953
11-12	2007	62,440,375	63,208,508	61,672,241
10-11	2008	64,918,081	66,157,984	63,678,177
9-10	2009	71,027,180	71,966,590	70,087,769
8-9	2010	80,748,020	81,568,171	79,927,868
7-8	2011	71,911,882	71,158,544	72,665,220
6-7	2012	64,815,736	63,198,756	66,432,715
5-6	2013	72,417,203	69,900,734	74,933,671
4-5	2014	61,413,036	60,501,502	62,324,569
3-4	2015	74,244,306	71,731,487	76,757,125
2-3	2016	78,120,168	79,627,423	76,612,912
1-2	2017	83,495,109	87,782,773	79,207,445

MEDICAL	Policy Year	Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-29)
Beyond	1989	25,022,210	25,022,210	25,022,210
28-29	1990	25,532,422	26,054,221	25,010,622
27-28	1991	25,619,349	25,347,368	25,891,329
26-27	1992	26,211,182	25,884,566	26,537,797
25-26	1993	29,186,147	29,287,796	29,084,497
24-25	1994	25,349,541	25,458,964	25,240,118
23-24	1995	27,707,947	27,721,480	27,694,413
22-23	1996	37,461,825	38,462,674	36,460,976
21-22	1997	32,586,387	33,033,902	32,138,871
20-21	1998	29,596,228	29,551,624	29,640,832
19-20	1999	37,159,730	37,075,680	37,243,780
18-19	2000	50,386,076	50,608,888	50,163,264
17-18	2001	43,651,798	45,344,575	41,959,021
16-17	2002	50,881,404	50,148,706	51,614,102
15-16	2003	58,773,035	60,460,000	57,086,069
14-15	2004	66,152,709	67,860,626	64,444,791
13-14	2005	65,982,151	66,894,796	65,069,505
12-13	2006	71,760,893	72,289,469	71,232,316
11-12	2007	77,401,089	78,353,267	76,448,910
10-11	2008	80,472,453	82,009,437	78,935,468
9-10	2009	88,045,292	89,209,785	86,880,798
8-9	2010	100,095,245	101,111,905	99,078,585
7-8	2011	89,141,969	88,208,131	90,075,807
6-7	2012	80,345,586	78,341,178	82,349,994
5-6	2013	89,768,365	86,648,950	92,887,779
4-5	2014	76,127,599	74,997,662	77,257,536
3-4	2015	92,033,242	88,918,351	95,148,132
2-3	2016	96,837,760	98,706,154	94,969,366
1-2	2017	103,500,537	108,815,525	98,185,549

MEDICAL	Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-29)
	1989	0.2090	0.2090	0.2090
	1990	0.2369	0.2418	0.2321
	1991	0.2461	0.2435	0.2487
	1992	0.2761	0.2727	0.2796
	1993	0.3047	0.3058	0.3037
	1994	0.2705	0.2717	0.2693
	1995	0.2878	0.2879	0.2876
	1996	0.3691	0.3790	0.3593
	1997	0.3419	0.3466	0.3372
	1998	0.3214	0.3209	0.3219
	1999	0.3756	0.3747	0.3764
	2000	0.4676	0.4697	0.4656
	2001	0.3923	0.4075	0.3771
	2002	0.4194	0.4134	0.4255
	2003	0.4547	0.4677	0.4416
	2004	0.4181	0.4289	0.4073
	2005	0.3896	0.3950	0.3842
	2006	0.4020	0.4049	0.3990
	2007	0.4344	0.4397	0.4290
	2008	0.4416	0.4500	0.4332
	2009	0.4863	0.4927	0.4798
	2010	0.5679	0.5737	0.5622
	2011	0.5042	0.4989	0.5095
	2012	0.4848	0.4727	0.4969
	2013	0.5660	0.5464	0.5857
	2014	0.4834	0.4762	0.4906
	2015	0.5343	0.5163	0.5524
	2016	0.5213	0.5314	0.5113
	2017	0.5069	0.5329	0.4809

MEDICAL FREQUENCY	Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/18	Selected Ann Trend	Trend Period # Years	Trend 1/1/18-12/1/20	Combined Trend Factor
					-5.0%	1		
					-5.0%	1		
					-5.0%	1		
					-5.0%	0.9167		
	2005	11.55	1.0000					
	2006	10.86	0.9403					
	2007	10.09	0.8736					
	2008	8.94	0.7740					
	2009	8.91	0.7714					
	2010	8.89	0.7697					
	2011	8.33	0.7212					
	2012	7.48	0.6476					
	2013	7.80	0.6753					
	2014	6.70	0.5801	0.8581			0.8618	0.7395
	2015	7.02	0.6078	0.9030			0.8618	0.7782
	2016	6.13	0.5307	0.9503			0.8618	0.8189
	2017*	6.12	0.5299	1.0000			0.8618	0.8618

* Adjusted to a full Policy Year

MEDICAL SEVERITY RATIOS	Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-29)
	2005	0.3896	0.3950	0.3842
	2006	0.4275	0.4306	0.4244
	2007	0.4973	0.5033	0.4911
	2008	0.5705	0.5814	0.5597
	2009	0.6304	0.6387	0.6220
	2010	0.7378	0.7454	0.7304
	2011	0.6991	0.6918	0.7064
	2012	0.7486	0.7299	0.7673
	2013	0.8381	0.8091	0.8673
	2014	0.8333	0.8209	0.8457
	2015	0.8791	0.8495	0.9089
	2016	0.9822	1.0013	0.9634
	2017	0.9566	1.0057	0.9076

MEDICAL Linear FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	2014	0.8419	0.8134	0.8704
	2015	0.8892	0.8840	0.8944
	2016	0.9365	0.9547	0.9184
	2017	0.9838	1.0253	0.9424
5 Point	2013	0.8207	0.7826	0.8589
	2014	0.8593	0.8399	0.8788
	2015	0.8979	0.8973	0.8986
	2016	0.9365	0.9547	0.9184
	2017	0.9750	1.0120	0.9382
6 Point	2012	0.7645	0.7277	0.8015
	2013	0.8079	0.7844	0.8316
	2014	0.8513	0.8411	0.8617
	2015	0.8947	0.8977	0.8917
	2016	0.9380	0.9544	0.9218
	2017	0.9814	1.0111	0.9519
7 Point	2011	0.7109	0.6806	0.7412
	2012	0.7567	0.7351	0.7783
	2013	0.8024	0.7896	0.8153
	2014	0.8481	0.8440	0.8524
	2015	0.8939	0.8985	0.8894
	2016	0.9396	0.9530	0.9265
	2017	0.9854	1.0074	0.9635
8 Point	2010	0.6954	0.6759	0.7151
	2011	0.7351	0.7204	0.7500
	2012	0.7748	0.7649	0.7848
	2013	0.8145	0.8094	0.8197
	2014	0.8542	0.8540	0.8546
	2015	0.8939	0.8985	0.8894
	2016	0.9336	0.9430	0.9243
	2017	0.9733	0.9875	0.9592
9 Point	2009	0.6462	0.6341	0.6582
	2010	0.6876	0.6782	0.6970
	2011	0.7289	0.7222	0.7357
	2012	0.7703	0.7662	0.7745
	2013	0.8117	0.8103	0.8132
	2014	0.8531	0.8543	0.8520
	2015	0.8944	0.8983	0.8907
	2016	0.9358	0.9424	0.9295
	2017	0.9772	0.9864	0.9682
10 Point	2008	0.5929	0.5871	0.5988
	2009	0.6362	0.6316	0.6408
	2010	0.6794	0.6761	0.6829
	2011	0.7227	0.7206	0.7249
	2012	0.7659	0.7651	0.7669
	2013	0.8092	0.8096	0.8089
	2014	0.8524	0.8541	0.8509
	2015	0.8957	0.8986	0.8929
	2016	0.9389	0.9431	0.9349
	2017	0.9822	0.9877	0.9769

MEDICAL Linear TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	Fitted	1.1217	1.2313	1.0125
5 Point	Fitted	1.0876	1.1793	0.9961
6 Point	Fitted	1.1079	1.1765	1.0397
7 Point	Fitted	1.1188	1.1663	1.0716
8 Point	Fitted	1.0890	1.1174	1.0608
9 Point	Fitted	1.0979	1.1148	1.0812
10 Point	Fitted	1.1083	1.1175	1.0994

MEDICAL Linear Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-29)
4 Point	2014	1.3324	1.5137	1.1633
	2015	1.2616	1.3928	1.1320
	2016	1.1978	1.2897	1.1024
	2017	1.1402	1.2009	1.0743
5 Point	2014	1.2657	1.4041	1.1335
	2015	1.2113	1.3143	1.1085
	2016	1.1614	1.2353	1.0846
	2017	1.1154	1.1653	1.0616
6 Point	2014	1.3015	1.3988	1.2066
	2015	1.2384	1.3105	1.1659
	2016	1.1811	1.2326	1.1278
	2017	1.1289	1.1635	1.0922
7 Point	2014	1.3191	1.3818	1.2572
	2015	1.2516	1.2980	1.2048
	2016	1.1907	1.2238	1.1566
	2017	1.1354	1.1577	1.1122
8 Point	2014	1.2749	1.3085	1.2414
	2015	1.2183	1.2437	1.1927
	2016	1.1665	1.1849	1.1477
	2017	1.1189	1.1315	1.1060
9 Point	2014	1.2870	1.3050	1.2691
	2015	1.2275	1.2410	1.2139
	2016	1.1732	1.1830	1.1633
	2017	1.1235	1.1302	1.1167
10 Point	2014	1.3002	1.3083	1.2921
	2015	1.2374	1.2435	1.2313
	2016	1.1804	1.1848	1.1760
	2017	1.1284	1.1314	1.1254

MEDICAL Expon'l FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	2014	0.8419	0.8151	0.8695
	2015	0.8872	0.8807	0.8933
	2016	0.9351	0.9515	0.9178
	2017	0.9855	1.0280	0.9429
5 Point	2013	0.8222	0.7868	0.8588
	2014	0.8582	0.8383	0.8780
	2015	0.8958	0.8931	0.8977
	2016	0.9351	0.9515	0.9178
	2017	0.9760	1.0138	0.9383
6 Point	2012	0.7669	0.7340	0.8011
	2013	0.8064	0.7833	0.8297
	2014	0.8479	0.8359	0.8593
	2015	0.8915	0.8921	0.8900
	2016	0.9373	0.9521	0.9217
	2017	0.9855	1.0160	0.9546
7 Point	2011	0.7152	0.6896	0.7416
	2012	0.7554	0.7355	0.7756
	2013	0.7979	0.7844	0.8111
	2014	0.8427	0.8366	0.8482
	2015	0.8901	0.8923	0.8871
	2016	0.9402	0.9517	0.9277
	2017	0.9930	1.0150	0.9702
8 Point	2010	0.7018	0.6861	0.7179
	2011	0.7359	0.7231	0.7489
	2012	0.7718	0.7621	0.7813
	2013	0.8094	0.8033	0.8151
	2014	0.8488	0.8466	0.8503
	2015	0.8901	0.8923	0.8871
	2016	0.9335	0.9404	0.9254
	2017	0.9789	0.9912	0.9654
9 Point	2009	0.6543	0.6463	0.6624
	2010	0.6889	0.6820	0.6957
	2011	0.7253	0.7198	0.7307
	2012	0.7636	0.7596	0.7674
	2013	0.8040	0.8016	0.8060
	2014	0.8465	0.8459	0.8465
	2015	0.8913	0.8927	0.8891
	2016	0.9384	0.9420	0.9338
	2017	0.9881	0.9941	0.9807
10 Point	2008	0.6033	0.6015	0.6052
	2009	0.6382	0.6366	0.6398
	2010	0.6751	0.6737	0.6763
	2011	0.7141	0.7130	0.7150
	2012	0.7554	0.7545	0.7558
	2013	0.7990	0.7985	0.7990
	2014	0.8452	0.8451	0.8447
	2015	0.8941	0.8944	0.8929
	2016	0.9458	0.9465	0.9440
	2017	1.0004	1.0017	0.9979

MEDICAL Expon'l TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-29)
4 Point	Fitted	1.1485	1.2882	1.0202
5 Point	Fitted	1.1061	1.2196	1.0008
6 Point	Fitted	1.1408	1.2283	1.0574
7 Point	Fitted	1.1648	1.2247	1.1056
8 Point	Fitted	1.1246	1.1554	1.0923
9 Point	Fitted	1.1483	1.1631	1.1316
10 Point	Fitted	1.1786	1.1817	1.1735

MEDICAL Expon'l Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-29)
4 Point	2014	1.3642	1.5804	1.1733
	2015	1.2944	1.4627	1.1421
	2016	1.2282	1.3539	1.1116
	2017	1.1654	1.2531	1.0820
5 Point	2014	1.2889	1.4549	1.1398
	2015	1.2348	1.3656	1.1149
	2016	1.1829	1.2817	1.0905
	2017	1.1333	1.2030	1.0666
6 Point	2014	1.3455	1.4693	1.2305
	2015	1.2797	1.3768	1.1881
	2016	1.2171	1.2901	1.1472
	2017	1.1575	1.2089	1.1077
7 Point	2014	1.3822	1.4639	1.3034
	2015	1.3086	1.3726	1.2463
	2016	1.2389	1.2869	1.1917
	2017	1.1730	1.2067	1.1395
8 Point	2014	1.3249	1.3648	1.2845
	2015	1.2634	1.2949	1.2313
	2016	1.2047	1.2286	1.1803
	2017	1.1488	1.1657	1.1314
9 Point	2014	1.3565	1.3750	1.3368
	2015	1.2884	1.3030	1.2728
	2016	1.2236	1.2347	1.2118
	2017	1.1622	1.1700	1.1538
10 Point	2014	1.3944	1.3983	1.3893
	2015	1.3182	1.3213	1.3142
	2016	1.2462	1.2485	1.2432
	2017	1.1781	1.1797	1.1760

MEDICAL Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-29)
4 Point	2014	0.9853	1.1194	0.8603
	2015	0.9818	1.0839	0.8809
	2016	0.9809	1.0561	0.9028
	2017	0.9826	1.0349	0.9258
5 Point	2014	0.9360	1.0383	0.8382
	2015	0.9426	1.0228	0.8626
	2016	0.9511	1.0116	0.8882
	2017	0.9613	1.0043	0.9149
6 Point	2014	0.9625	1.0344	0.8923
	2015	0.9637	1.0198	0.9073
	2016	0.9672	1.0094	0.9236
	2017	0.9729	1.0027	0.9413
7 Point	2014	0.9755	1.0218	0.9297
	2015	0.9740	1.0101	0.9376
	2016	0.9751	1.0022	0.9471
	2017	0.9785	0.9977	0.9585
8 Point	2014	0.9428	0.9676	0.9180
	2015	0.9481	0.9678	0.9282
	2016	0.9552	0.9703	0.9399
	2017	0.9643	0.9751	0.9532
9 Point	2014	0.9517	0.9650	0.9385
	2015	0.9552	0.9657	0.9447
	2016	0.9607	0.9688	0.9526
	2017	0.9682	0.9740	0.9624
10 Point	2014	0.9615	0.9675	0.9555
	2015	0.9629	0.9677	0.9582
	2016	0.9666	0.9702	0.9630
	2017	0.9725	0.9750	0.9699

MEDICAL Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-29)
4 Point	2014	1.0088	1.1687	0.8677
	2015	1.0073	1.1383	0.8888
	2016	1.0058	1.1087	0.9103
	2017	1.0043	1.0799	0.9325
5 Point	2014	0.9531	1.0759	0.8429
	2015	0.9609	1.0627	0.8676
	2016	0.9687	1.0496	0.8930
	2017	0.9767	1.0367	0.9192
6 Point	2014	0.9950	1.0865	0.9100
	2015	0.9959	1.0714	0.9246
	2016	0.9967	1.0565	0.9394
	2017	0.9975	1.0418	0.9546
7 Point	2014	1.0221	1.0826	0.9639
	2015	1.0184	1.0682	0.9699
	2016	1.0145	1.0538	0.9759
	2017	1.0109	1.0399	0.9820
8 Point	2014	0.9798	1.0093	0.9499
	2015	0.9832	1.0077	0.9582
	2016	0.9865	1.0061	0.9665
	2017	0.9900	1.0046	0.9750
9 Point	2014	1.0031	1.0168	0.9886
	2015	1.0026	1.0140	0.9905
	2016	1.0020	1.0111	0.9923
	2017	1.0016	1.0083	0.9943
10 Point	2014	1.0312	1.0340	1.0274
	2015	1.0258	1.0282	1.0227
	2016	1.0205	1.0224	1.0181
	2017	1.0153	1.0167	1.0135

MEDICAL Linear TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-29)
4 Point	2014	0.4763	0.5331	0.4221
	2015	0.5246	0.5596	0.4866
	2016	0.5113	0.5612	0.4616
	2017	0.4981	0.5515	0.4452
	4 Yr Ave	0.5026	0.5514	0.4539
5 Point	2014	0.4525	0.4944	0.4112
	2015	0.5036	0.5281	0.4765
	2016	0.4958	0.5376	0.4541
	2017	0.4873	0.5352	0.4400
	4 Yr Ave	0.4848	0.5238	0.4455
6 Point	2014	0.4653	0.4926	0.4378
	2015	0.5149	0.5265	0.5012
	2016	0.5042	0.5364	0.4722
	2017	0.4932	0.5343	0.4527
	4 Yr Ave	0.4944	0.5225	0.4660
7 Point	2014	0.4716	0.4866	0.4561
	2015	0.5204	0.5215	0.5179
	2016	0.5083	0.5326	0.4843
	2017	0.4960	0.5317	0.4609
	4 Yr Ave	0.4991	0.5181	0.4798
8 Point	2014	0.4557	0.4608	0.4504
	2015	0.5066	0.4997	0.5127
	2016	0.4979	0.5156	0.4806
	2017	0.4888	0.5196	0.4584
	4 Yr Ave	0.4873	0.4989	0.4755
9 Point	2014	0.4601	0.4595	0.4604
	2015	0.5104	0.4986	0.5219
	2016	0.5008	0.5148	0.4871
	2017	0.4908	0.5190	0.4628
	4 Yr Ave	0.4905	0.4980	0.4831
10 Point	2014	0.4648	0.4607	0.4688
	2015	0.5145	0.4996	0.5293
	2016	0.5039	0.5156	0.4924
	2017	0.4930	0.5196	0.4664
	4 Yr Ave	0.4941	0.4989	0.4892

MEDICAL Expon'l TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-29)
4 Point	2014	0.4877	0.5565	0.4257
	2015	0.5382	0.5877	0.4910
	2016	0.5243	0.5892	0.4654
	2017	0.5091	0.5755	0.4484
	4 Yr Ave	0.5148	0.5772	0.4576
5 Point	2014	0.4607	0.5123	0.4135
	2015	0.5134	0.5487	0.4793
	2016	0.5050	0.5578	0.4566
	2017	0.4951	0.5525	0.4420
	4 Yr Ave	0.4936	0.5428	0.4479
6 Point	2014	0.4810	0.5174	0.4464
	2015	0.5321	0.5532	0.5107
	2016	0.5196	0.5614	0.4803
	2017	0.5056	0.5552	0.4591
	4 Yr Ave	0.5096	0.5468	0.4741
7 Point	2014	0.4941	0.5155	0.4729
	2015	0.5441	0.5515	0.5358
	2016	0.5289	0.5600	0.4990
	2017	0.5124	0.5542	0.4722
	4 Yr Ave	0.5199	0.5453	0.4950
8 Point	2014	0.4736	0.4806	0.4660
	2015	0.5253	0.5203	0.5293
	2016	0.5143	0.5346	0.4942
	2017	0.5018	0.5354	0.4689
	4 Yr Ave	0.5038	0.5177	0.4896
9 Point	2014	0.4849	0.4842	0.4850
	2015	0.5357	0.5235	0.5472
	2016	0.5223	0.5373	0.5074
	2017	0.5077	0.5373	0.4782
	4 Yr Ave	0.5127	0.5206	0.5045
10 Point	2014	0.4985	0.4924	0.5040
	2015	0.5481	0.5309	0.5649
	2016	0.5320	0.5433	0.5206
	2017	0.5147	0.5418	0.4874
	4 Yr Ave	0.5233	0.5271	0.5192

INDEMNITY		(Average)	(Incur)	(Pd-29)
Severity				
Ann. Trend				
4 Point	Linear	-1.5%	-2.4%	-0.7%
5 Point	Linear	-2.4%	-3.7%	-1.3%
6 Point	Linear	-0.5%	-1.9%	0.6%
7 Point	Linear	1.2%	0.1%	2.0%
8 Point	Linear	2.1%	1.2%	2.9%
9 Point	Linear	2.0%	1.1%	2.9%
10 Point	Linear	2.5%	1.7%	3.2%
4 Point	Expon'l	-1.5%	-2.4%	-0.8%
5 Point	Expon'l	-2.2%	-3.3%	-1.4%
6 Point	Expon'l	-0.7%	-1.9%	0.3%
7 Point	Expon'l	0.8%	-0.2%	1.7%
8 Point	Expon'l	1.8%	0.8%	2.6%
9 Point	Expon'l	1.7%	0.7%	2.6%
10 Point	Expon'l	2.2%	1.2%	3.0%

MEDICAL		(Average)	(Incur)	(Pd-29)
Severity				
Ann. Trend				
4 Point	Linear	4.6%	6.8%	2.3%
5 Point	Linear	3.7%	5.5%	1.8%
6 Point	Linear	4.2%	5.4%	3.0%
7 Point	Linear	4.5%	5.2%	3.7%
8 Point	Linear	3.8%	4.1%	3.5%
9 Point	Linear	4.0%	4.1%	3.9%
10 Point	Linear	4.2%	4.1%	4.3%
4 Point	Expon'l	5.4%	8.0%	2.7%
5 Point	Expon'l	4.4%	6.5%	2.2%
6 Point	Expon'l	5.1%	6.7%	3.6%
7 Point	Expon'l	5.6%	6.7%	4.6%
8 Point	Expon'l	4.9%	5.4%	4.3%
9 Point	Expon'l	5.3%	5.5%	5.0%
10 Point	Expon'l	5.8%	5.8%	5.7%

INDEMNITY		(Average)	(Incur)	(Pd-29)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-6.5%	-7.4%	-5.8%
5 Point	Linear	-7.3%	-8.4%	-6.3%
6 Point	Linear	-5.7%	-6.9%	-4.7%
7 Point	Linear	-4.3%	-5.2%	-3.5%
8 Point	Linear	-3.5%	-4.3%	-2.8%
9 Point	Linear	-3.6%	-4.4%	-2.8%
10 Point	Linear	-3.2%	-3.9%	-2.6%
4 Point	Expon'l	-6.4%	-7.3%	-5.8%
5 Point	Expon'l	-7.1%	-8.1%	-6.3%
6 Point	Expon'l	-5.7%	-6.9%	-4.7%
7 Point	Expon'l	-4.2%	-5.2%	-3.4%
8 Point	Expon'l	-3.3%	-4.2%	-2.5%
9 Point	Expon'l	-3.4%	-4.4%	-2.5%
10 Point	Expon'l	-2.9%	-3.8%	-2.1%

MEDICAL		(Average)	(Incur)	(Pd-29)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-0.4%	1.6%	-2.6%
5 Point	Linear	-1.2%	0.4%	-3.0%
6 Point	Linear	-0.8%	0.4%	-2.0%
7 Point	Linear	-0.6%	0.2%	-1.3%
8 Point	Linear	-1.1%	-0.7%	-1.5%
9 Point	Linear	-0.9%	-0.7%	-1.2%
10 Point	Linear	-0.8%	-0.7%	-0.9%
4 Point	Expon'l	0.1%	2.7%	-2.4%
5 Point	Expon'l	-0.8%	1.2%	-2.8%
6 Point	Expon'l	-0.1%	1.4%	-1.6%
7 Point	Expon'l	0.4%	1.3%	-0.6%
8 Point	Expon'l	-0.3%	0.2%	-0.9%
9 Point	Expon'l	0.1%	0.3%	-0.2%
10 Point	Expon'l	0.5%	0.6%	0.5%