

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 thirtieth and the average of the incurred and paid to thirtieth 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 2006 set equal to unity. Staff selected a seven-point frequency trend factor of -5.4% (Policy Years 2012 through 2018). 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 (12/1/21). 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 (12/1/21) 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 15-16	PDF 16-17	PDF 17-18	PDF 18-19	4 Year Average	Selected PDF
Beyond	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
29-30	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	1.0002	1.0001	1.0000
26-27	1.0000	1.0000	1.0002	1.0000	1.0001	1.0000
25-26	1.0000	1.0003	1.0000	1.0000	1.0001	1.0000
24-25	1.0002	1.0000	1.0000	1.0000	1.0001	1.0000
23-24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
22-23	1.0000	0.9999	1.0000	1.0000	1.0000	1.0000
21-22	1.0001	1.0000	0.9988	1.0000	0.9997	1.0000
20-21	1.0000	1.0001	1.0013	1.0000	1.0004	1.0000
19-20	1.0000	1.0001	1.0000	1.0000	1.0000	1.0000
18-19	1.0000	1.0001	1.0000	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	1.0000	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	1.0002	1.0001	1.0000
10-11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9-10	1.0000	1.0000	1.0004	1.0000	1.0001	1.0000
8-9	1.0000	0.9996	1.0001	1.0001	1.0000	1.0000
7-8	1.0000	1.0000	1.0009	1.0002	1.0003	1.0003
6-7	1.0000	0.9999	1.0001	1.0001	1.0000	1.0000
5-6	0.9999	1.0000	1.0001	0.9992	0.9998	0.9998
4-5	1.0003	1.0014	1.0001	1.0001	1.0005	1.0005
3-4	1.0002	1.0002	0.9998	1.0007	1.0002	1.0002
2-3	0.9993	0.9990	0.9986	0.9950	0.9980	0.9980
1-2	1.0125	1.0063	1.0073	1.0061	1.0081	1.0081

PREMIUMS	Policy Year	Reported SEP	Cum PDF	Ultimate SEP	On-Level Factor	ECRF	DCCPAP Factor
Beyond	1989	110,749,576	1.0000	110,749,576	0.9536	0.9919	1.0000
29-30	1990	99,918,040	1.0000	99,918,040	0.9536	0.9915	1.0037
28-29	1991	95,964,951	1.0000	95,964,951	0.9536	0.9913	1.0083
27-28	1992	87,056,863	1.0000	87,056,863	0.9536	0.9914	1.0137
26-27	1993	87,770,982	1.0000	87,770,982	0.9536	0.9914	1.0144
25-26	1994	82,285,706	1.0000	82,285,706	0.9912	0.9942	1.0129
24-25	1995	78,654,617	1.0000	78,654,617	1.0633	0.9971	1.0112
23-24	1996	82,540,859	1.0000	82,540,859	1.0662	0.9973	1.0131
22-23	1997	81,921,802	1.0000	81,921,802	1.0144	0.9979	1.0081
21-22	1998	86,403,942	1.0000	86,403,942	0.9363	0.9986	1.0001
20-21	1999	80,847,926	1.0000	80,847,926	1.0788	0.9989	0.9959
19-20	2000	89,482,794	1.0000	89,482,794	1.0648	0.9988	0.9929
18-19	2001	88,003,203	1.0000	88,003,203	1.1196	0.9982	0.9956
17-18	2002	114,130,309	1.0000	114,130,309	0.9383	0.9976	0.9982
16-17	2003	129,497,030	1.0000	129,497,030	0.8803	0.9966	1.0010
15-16	2004	152,848,419	1.0000	152,848,419	0.9158	0.9963	0.9999
14-15	2005	186,118,337	1.0000	186,118,337	0.8053	0.9968	0.9985
13-14	2006	205,717,577	1.0000	205,717,577	0.7692	0.9975	0.9960
12-13	2007	199,865,396	1.0000	199,865,396	0.7897	0.9977	0.9974
11-12	2008	151,069,567	1.0000	151,069,567	1.0655	0.9974	0.9989
10-11	2009	118,590,101	1.0000	118,590,101	1.3270	0.9971	1.0147
9-10	2010	106,116,744	1.0000	106,116,744	1.4438	0.9970	1.0141
8-9	2011	105,773,822	1.0000	105,773,822	1.4538	0.9968	1.0145
7-8	2012	115,267,794	1.0003	115,302,374	1.2474	0.9966	1.0156
6-7	2013	135,130,720	1.0003	135,171,259	1.0172	0.9966	1.0139
5-6	2014	148,049,227	1.0001	148,064,032	0.9244	0.9966	1.0141
4-5	2015	146,348,416	1.0006	146,436,225	1.0197	0.9965	1.0166
3-4	2016	165,860,349	1.0008	165,993,037	0.9658	0.9973	1.0153
2-3	2017	177,798,697	0.9988	177,585,339	0.9891	0.9975	1.0134
1-2	2018	174,630,877	1.0069	175,835,830	1.0241	0.9973	1.0134

PREMIUMS	Policy Year	Other Adjustments	On-Level SEP
1989		1.0000	104,755,348
1990		1.0000	94,821,493
1991		1.0000	91,468,964
1992		1.0000	83,431,032
1993		1.0000	84,173,494
1994		1.0000	82,131,816
1995		1.0000	84,324,896
1996		1.0000	88,917,204
1997		1.0000	83,598,671
1998		1.0000	80,794,830
1999		1.0000	86,765,598
2000		1.0000	94,491,256
2001		1.0000	97,918,290
2002		1.0000	106,639,160
2003		1.0000	113,722,257
2004		1.0000	139,446,715
2005		1.0000	149,177,375
2006		1.0000	157,210,996
2007		1.0000	157,061,262
2008		1.0000	160,369,515
2009		1.0000	159,219,310
2010		1.0000	154,905,520
2011		1.0000	155,504,493
2012		1.0000	145,575,256
2013		1.0000	138,933,417
2014		1.0000	138,333,218
2015		1.0000	151,265,830
2016		1.0000	162,332,153
2017		1.0000	177,561,316
2018		1.0000	181,991,400

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	Incurred LDF 18-19	4 Year Average LDF	Selected Incurred LDF
Beyond	0.9939	0.9941	0.9896	0.9994	1.0004	1.0014	0.9808	1.0007	0.9958	0.9958
29-30					0.9939	1.0065	0.9996	1.0000	1.0000	1.0000
28-29				0.9993	0.9989	0.9994	0.9999	0.9994	0.9994	1.0000
27-28			1.0005	0.9990	0.9988	0.9976	1.0011	0.9990	0.9991	1.0000
26-27		0.9984	0.9997	1.0017	0.9993	1.0027	0.9989	0.9983	0.9998	1.0001
25-26	1.0008	0.9901	0.9990	0.9954	0.9987	0.9970	0.9989	0.9998	0.9986	1.0001
24-25	1.0001	1.0041	0.9978	1.0149	0.9966	0.9985	0.9964	1.0023	0.9985	1.0001
23-24	1.0009	1.0022	0.9988	1.0008	0.9979	1.0005	1.0046	0.9987	1.0004	1.0001
22-23	0.9987	0.9986	1.0086	0.9991	0.9990	1.0022	1.0006	0.9953	0.9993	1.0001
21-22	0.9993	0.9968	0.9983	1.0029	0.9942	0.9996	0.9914	1.0025	0.9969	1.0002
20-21	0.9978	0.9964	0.9989	1.0102	0.9926	1.0000	1.0006	0.9988	0.9983	1.0002
19-20	0.9965	0.9924	0.9884	0.9988	1.0006	0.9992	1.0018	1.0000	1.0004	1.0003
18-19	1.0116	1.0328	0.9993	1.0029	0.9981	1.0004	0.9967	1.0016	0.9992	1.0003
17-18	0.9781	0.9987	0.9962	0.9965	1.0009	1.0027	1.0005	0.9980	1.0005	1.0004
16-17	0.9995	1.0039	0.9981	1.0003	1.0054	0.9985	1.0003	0.9972	1.0004	1.0006
15-16	1.0030	1.0019	0.9997	0.9983	0.9958	0.9954	0.9983	0.9951	0.9962	1.0007
14-15	1.0036	0.9963	0.9977	0.9964	0.9992	0.9989	1.0002	1.0021	1.0001	1.0010
13-14	1.0045	0.9951	1.0031	0.9989	0.9995	0.9987	1.0066	1.0025	1.0018	1.0013
12-13	1.0221	1.0178	1.0020	0.9949	1.0000	1.0017	0.9992	1.0050	1.0015	1.0017
11-12	0.9957	1.0026	0.9964	1.0004	1.0052	1.0038	0.9967	1.0022	1.0020	1.0023
10-11	1.0002	1.0017	1.0237	1.0017	0.9977	1.0030	1.0003	1.0036	1.0012	1.0031
9-10	1.0064	1.0075	1.0083	1.0008	1.0083	0.9947	1.0245	1.0126	1.0100	1.0042
8-9	1.0119	1.0091	1.0009	1.0135	1.0064	1.0054	1.0211	1.0140	1.0117	1.0060
7-8	1.0209	1.0059	1.0099	1.0098	1.0034	1.0167	1.0038	0.9998	1.0059	1.0085
6-7	1.0306	1.0321	1.0344	1.0033	1.0145	1.0296	1.0197	1.0227	1.0216	1.0126
5-6	1.0148	1.0290	1.0329	1.0328	1.0217	1.0085	1.0111	1.0144	1.0139	1.0193
4-5	1.0177	1.0537	1.0632	0.9857	1.0242	1.0276	1.0307	1.0307	1.0266	1.0314
3-4	1.0368	1.0580	1.0578	1.0445	1.0856	1.0302	1.0546	1.0497	1.0550	1.0561
2-3	1.2167	1.2485	1.0995	1.1065	1.1557	1.0995	1.1333	1.0951	1.1209	1.1185
1-2	1.3101	1.2854	1.3228	1.2829	1.2774	1.4604	1.4376	1.3331	1.3771	1.3774

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	Paid LDF 18-19	4 Year Average LDF	Selected Paid LDF
29-30					0.9988	1.0056	1.0000	1.0011	1.0014	1.0008
28-29				1.0022	0.9985	0.9998	0.9997	1.0009	0.9997	1.0009
27-28			1.0018	1.0008	1.0003	0.9965	1.0015	0.9995	0.9995	1.0009
26-27		1.0008	1.0015	1.0045	1.0000	1.0011	0.9996	0.9982	0.9997	1.0010
25-26	1.0024	0.9848	1.0002	0.9968	1.0012	1.0010	0.9991	1.0014	1.0007	1.0011
24-25	1.0001	1.0078	0.9999	1.0027	1.0006	0.9993	1.0022	1.0021	1.0011	1.0013
23-24	1.0019	1.0038	1.0021	1.0040	0.9985	1.0034	1.0039	1.0011	1.0017	1.0014
22-23	0.9997	1.0006	1.0198	0.9973	1.0011	1.0011	1.0011	0.9985	1.0005	1.0016
21-22	1.0017	1.0032	0.9984	1.0051	1.0090	1.0008	1.0010	1.0032	1.0035	1.0018
20-21	1.0055	0.9976	1.0007	1.0025	1.0002	1.0016	1.0015	1.0016	1.0012	1.0020
19-20	1.0062	1.0025	1.0387	1.0015	1.0030	1.0049	1.0010	1.0000	1.0022	1.0023
18-19	1.0063	1.0023	1.0005	1.0036	0.9992	1.0067	1.0010	1.0048	1.0029	1.0026
17-18	1.0040	1.0025	1.0035	1.0032	1.0025	1.0043	1.0019	0.9980	1.0017	1.0031
16-17	1.0021	1.0061	1.0084	1.0078	1.0107	1.0119	1.0017	0.9980	1.0056	1.0036
15-16	1.0057	1.0129	1.0101	1.0020	1.0023	1.0023	1.0004	1.0024	1.0019	1.0042
14-15	1.0133	1.0028	1.0028	1.0069	1.0057	1.0001	1.0048	1.0042	1.0037	1.0050
13-14	1.0101	1.0226	1.0087	1.0092	1.0013	1.0089	1.0089	1.0016	1.0052	1.0060
12-13	1.0109	1.0108	1.0112	1.0088	1.0073	1.0059	1.0018	1.0118	1.0067	1.0073
11-12	1.0108	1.0126	1.0127	1.0075	1.0046	1.0061	1.0050	1.0115	1.0068	1.0090
10-11	1.0114	1.0155	1.0341	1.0075	1.0284	1.0147	1.0225	1.0139	1.0199	1.0114
9-10	1.0126	1.0193	1.0164	1.0184	1.0226	1.0111	1.0363	1.0088	1.0197	1.0148
8-9	1.0203	1.0347	1.0284	1.0410	1.0377	1.0211	1.0334	1.0211	1.0283	1.0196
7-8	1.0260	1.0353	1.0547	1.0198	1.0190	1.0710	1.0329	1.0202	1.0358	1.0270
6-7	1.0467	1.0528	1.0310	1.0393	1.0598	1.0525	1.0497	1.0393	1.0503	1.0388
5-6	1.0765	1.0797	1.0546	1.0898	1.0516	1.0530	1.0428	1.0416	1.0473	1.0591
4-5	1.1237	1.1193	1.1210	1.0875	1.0541	1.0961	1.0914	1.0603	1.0755	1.0972
3-4	1.2065	1.1852	1.1985	1.1632	1.2339	1.2102	1.1604	1.1546	1.1898	1.1784
2-3	1.5144	1.5790	1.3943	1.4475	1.3806	1.4081	1.3183	1.4320	1.3848	1.3851
1-2	1.9083	2.0196	2.0393	1.8383	1.9444	2.1482	2.0038	1.8226	1.9798	1.9799

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	Pd-Incur LDF 18-19	4 Year Average LDF	Selected Pd-Incur LDF
29-30					1.0076	1.0206	1.0020	1.0077	1.0095	1.0095
28-29				1.0175	1.0098	1.0021	1.0074	1.0252	1.0111	1.0111
27-28			1.0167	1.0121	1.0029	1.0040	1.0273	1.0001	1.0086	1.0086
26-27		1.0191	1.0154	1.0097	1.0065	1.0273	1.0007	0.9996	1.0085	1.0085
25-26	1.0232	0.9995	1.0086	1.0039	1.0257	1.0028	1.0025	1.0005	1.0086	1.0086
24-25	1.0096	1.0170	1.0082	1.0308	1.0064	1.0008	1.0077	1.0206	1.0089	1.0089
23-24	1.0146	1.0140	1.0186	1.0187	1.0008	1.0148	1.0222	1.0048	1.0107	1.0107
22-23	1.0115	1.0192	1.0389	1.0001	1.0154	1.0187	1.0072	1.0055	1.0117	1.0117
21-22	1.0225	1.0312	0.9996	1.0299	1.0257	1.0074	1.0112	1.0137	1.0145	1.0145
20-21	1.0402	0.9988	1.0272	1.0394	1.0080	1.0215	1.0127	1.0057	1.0120	1.0120
19-20	1.0086	1.0294	1.0708	1.0202	1.0244	1.0170	1.0069	1.0005	1.0122	1.0122
18-19	1.0438	1.0771	1.0227	1.0284	1.0169	1.0118	1.0015	1.0185	1.0122	1.0122
17-18	1.0470	1.0250	1.0258	1.0277	1.0140	1.0091	1.0188	1.0215	1.0159	1.0159
16-17	1.0283	1.0388	1.0428	1.0240	1.0172	1.0303	1.0252	1.0017	1.0186	1.0186
15-16	1.0405	1.0564	1.0332	1.0130	1.0342	1.0272	1.0049	1.0242	1.0226	1.0226
14-15	1.0680	1.0335	1.0137	1.0480	1.0378	1.0067	1.0341	1.0197	1.0246	1.0246
13-14	1.0473	1.0419	1.0684	1.0482	1.0090	1.0430	1.0266	1.0195	1.0245	1.0245
12-13	1.0577	1.0807	1.0482	1.0181	1.0518	1.0258	1.0188	1.0401	1.0341	1.0341
11-12	1.0723	1.0655	1.0441	1.0610	1.0287	1.0258	1.0400	1.0423	1.0342	1.0342
10-11	1.0736	1.0618	1.1013	1.0310	1.0501	1.0588	1.0703	1.0469	1.0565	1.0565
9-10	1.0711	1.0959	1.0474	1.0725	1.0791	1.0747	1.0811	1.0921	1.0818	1.0818
8-9	1.1095	1.0731	1.0988	1.1138	1.1211	1.0775	1.1145	1.0642	1.0943	1.0943
7-8	1.0912	1.1397	1.1612	1.1426	1.0922	1.1690	1.0841	1.0467	1.0980	1.0980
6-7	1.1859	1.2059	1.1686	1.1321	1.2183	1.1366	1.0989	1.1333	1.1468	1.1468
5-6	1.2569	1.2217	1.1765	1.3074	1.1609	1.1348	1.1556	1.1378	1.1473	1.1473
4-5	1.3344	1.2842	1.4198	1.2346	1.1858	1.2528	1.2242	1.1837	1.2116	1.2116
3-4	1.4719	1.5905	1.4922	1.3447	1.5034	1.4471	1.3327	1.3086	1.3980	1.3980
2-3	2.2774	2.2904	1.7915	2.0015	1.9387	1.7792	1.6435	2.0084	1.8425	1.8425
1-2	3.5080	3.3093	3.6762	3.0838	3.1669	3.2239	3.5512	2.8201	3.1905	3.1905

INDEMNITY	Policy Year	Incurred LDF	Paid to 30th LDF
Beyond	1989	0.9958	0.9958
29-30	1990	1.0000	1.0095
28-29	1991	1.0000	1.0009
27-28	1992	1.0000	1.0009
26-27	1993	1.0001	1.0010
25-26	1994	1.0001	1.0011
24-25	1995	1.0001	1.0013
23-24	1996	1.0001	1.0014
22-23	1997	1.0001	1.0016
21-22	1998	1.0002	1.0018
20-21	1999	1.0002	1.0020
19-20	2000	1.0003	1.0023
18-19	2001	1.0003	1.0026
17-18	2002	1.0004	1.0031
16-17	2003	1.0006	1.0036
15-16	2004	1.0007	1.0042
14-15	2005	1.0010	1.0050
13-14	2006	1.0013	1.0060
12-13	2007	1.0017	1.0073
11-12	2008	1.0023	1.0090
10-11	2009	1.0031	1.0114
9-10	2010	1.0042	1.0148
8-9	2011	1.0060	1.0196
7-8	2012	1.0085	1.0270
6-7	2013	1.0126	1.0388
5-6	2014	1.0193	1.0591
4-5	2015	1.0314	1.0972
3-4	2016	1.0561	1.1784
2-3	2017	1.1185	1.3851
1-2	2018	1.3774	1.9799

INDEMNITY	Policy Year	Incurred Cum LDF	Paid to 30th Cum LDF
Beyond	1989	0.9958	0.9958
29-30	1990	0.9958	1.0053
28-29	1991	0.9958	1.0062
27-28	1992	0.9958	1.0071
26-27	1993	0.9959	1.0081
25-26	1994	0.9960	1.0092
24-25	1995	0.9961	1.0105
23-24	1996	0.9962	1.0119
22-23	1997	0.9963	1.0135
21-22	1998	0.9965	1.0154
20-21	1999	0.9967	1.0174
19-20	2000	0.9970	1.0197
18-19	2001	0.9973	1.0224
17-18	2002	0.9977	1.0255
16-17	2003	0.9983	1.0292
15-16	2004	0.9990	1.0336
14-15	2005	1.0000	1.0387
13-14	2006	1.0013	1.0450
12-13	2007	1.0030	1.0526
11-12	2008	1.0053	1.0621
10-11	2009	1.0084	1.0742
9-10	2010	1.0127	1.0901
8-9	2011	1.0187	1.1114
7-8	2012	1.0274	1.1414
6-7	2013	1.0403	1.1857
5-6	2014	1.0604	1.2558
4-5	2015	1.0937	1.3779
3-4	2016	1.1551	1.6237
2-3	2017	1.2919	2.2490
1-2	2018	1.7795	4.4527

INDEMNITY	Policy Year	Benefit Level Factor	LAE
Beyond	1989	1.5820	1.2614
29-30	1990	1.5528	1.2614
28-29	1991	1.5340	1.2614
27-28	1992	1.5150	1.2614
26-27	1993	1.4922	1.2614
25-26	1994	1.4735	1.2614
24-25	1995	1.4495	1.2614
23-24	1996	1.4209	1.2614
22-23	1997	1.3936	1.2614
21-22	1998	1.3634	1.2614
20-21	1999	1.3316	1.2614
19-20	2000	1.2988	1.2614
18-19	2001	1.2685	1.2614
17-18	2002	1.2402	1.2614
16-17	2003	1.2100	1.2614
15-16	2004	1.1960	1.2614
14-15	2005	1.1794	1.2614
13-14	2006	1.1550	1.2614
12-13	2007	1.1245	1.2614
11-12	2008	1.1056	1.2614
10-11	2009	1.1017	1.2614
9-10	2010	1.1044	1.2614
8-9	2011	1.1079	1.2614
7-8	2012	1.0919	1.2614
6-7	2013	1.0688	1.2614
5-6	2014	1.0564	1.2614
4-5	2015	1.0549	1.2614
3-4	2016	1.0389	1.2614
2-3	2017	1.0257	1.2614
1-2	2018	1.0314	1.2614

INDEMNITY		Policy Year	Incurred Base	Paid to 30th Base
Beyond	1989	31,236,843	31,236,843	
29-30	1990	33,517,890	32,726,331	
28-29	1991	30,504,463	30,488,384	
27-28	1992	26,257,081	26,219,626	
26-27	1993	29,872,227	29,756,925	
25-26	1994	23,765,007	23,333,987	
24-25	1995	24,363,904	24,275,476	
23-24	1996	30,032,368	29,821,589	
22-23	1997	29,221,284	28,917,882	
21-22	1998	25,214,321	25,112,649	
20-21	1999	29,701,389	29,687,469	
19-20	2000	38,558,755	38,042,474	
18-19	2001	33,789,433	33,012,720	
17-18	2002	33,582,678	33,456,740	
16-17	2003	38,606,069	37,783,234	
15-16	2004	39,903,283	39,298,549	
14-15	2005	40,257,042	39,551,747	
13-14	2006	44,240,293	43,037,341	
12-13	2007	42,652,926	41,390,588	
11-12	2008	39,849,686	38,595,421	
10-11	2009	45,462,344	41,996,098	
9-10	2010	40,122,052	38,498,196	
8-9	2011	37,909,305	36,951,629	
7-8	2012	36,945,367	33,881,021	
6-7	2013	38,966,037	35,672,970	
5-6	2014	31,360,276	28,091,047	
4-5	2015	32,274,000	28,475,986	
3-4	2016	32,525,372	23,190,828	
2-3	2017	27,662,892	17,878,010	
1-2	2018	20,291,478	8,100,242	

INDEMNITY		Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-30)
Beyond	1989	31,105,648	31,105,648	31,105,648
29-30	1990	33,138,448	33,377,115	32,899,781
28-29	1991	30,526,878	30,376,344	30,677,412
27-28	1992	26,276,293	26,146,801	26,405,785
26-27	1993	29,873,854	29,749,751	29,997,956
25-26	1994	23,609,304	23,669,947	23,548,660
24-25	1995	24,399,627	24,268,885	24,530,368
23-24	1996	30,047,356	29,918,245	30,176,466
22-23	1997	29,210,719	29,113,165	29,308,273
21-22	1998	25,312,728	25,126,071	25,499,384
20-21	1999	29,903,703	29,603,374	30,204,031
19-20	2000	38,617,495	38,443,079	38,791,911
18-19	2001	33,725,204	33,698,202	33,752,205
17-18	2002	33,907,663	33,505,438	34,309,887
16-17	2003	38,713,472	38,540,439	38,886,504
15-16	2004	40,241,180	39,863,380	40,618,980
14-15	2005	40,669,721	40,257,042	41,082,400
13-14	2006	44,635,913	44,297,805	44,974,021
12-13	2007	43,174,309	42,780,885	43,567,733
11-12	2008	40,526,543	40,060,889	40,992,197
10-11	2009	45,478,218	45,844,228	45,112,208
9-10	2010	41,299,243	40,631,602	41,966,883
8-9	2011	39,843,125	38,618,209	41,068,040
7-8	2012	38,314,734	37,957,670	38,671,797
6-7	2013	41,416,905	40,536,368	42,297,441
5-6	2014	34,265,587	33,254,437	35,276,737
4-5	2015	37,267,568	35,298,074	39,237,061
3-4	2016	37,612,502	37,570,057	37,654,947
2-3	2017	37,972,667	35,737,690	40,207,644
1-2	2018	36,088,317	36,108,685	36,067,948

INDEMNITY		Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-30)
Beyond	1989	62,072,403	62,072,403	62,072,403
29-30	1990	64,908,342	65,375,819	64,440,864
28-29	1991	59,069,131	58,777,849	59,360,412
27-28	1992	50,214,548	49,967,086	50,462,010
26-27	1993	56,230,392	55,996,798	56,463,985
25-26	1994	43,881,973	43,994,689	43,769,256
24-25	1995	44,612,260	44,373,212	44,851,308
23-24	1996	53,854,574	53,623,166	54,085,982
22-23	1997	51,349,144	51,177,655	51,520,633
21-22	1998	43,532,646	43,211,635	43,853,656
20-21	1999	50,228,658	49,724,202	50,733,114
19-20	2000	63,267,286	62,981,539	63,553,033
18-19	2001	53,963,223	53,920,018	54,006,427
17-18	2002	53,044,750	52,415,515	53,673,985
16-17	2003	59,088,140	58,824,041	59,352,238
15-16	2004	60,709,229	60,139,266	61,279,191
14-15	2005	60,504,148	59,890,207	61,118,088
13-14	2006	65,030,821	64,538,225	65,523,416
12-13	2007	61,240,353	60,682,302	61,798,403
11-12	2008	56,518,473	55,869,070	57,167,875
10-11	2009	63,200,370	63,709,008	62,691,731
9-10	2010	57,533,569	56,603,485	58,463,652
8-9	2011	55,680,968	53,969,142	57,392,794
7-8	2012	52,771,751	52,279,959	53,263,542
6-7	2013	55,837,622	54,650,496	57,024,747
5-6	2014	45,660,367	44,312,966	47,007,768
4-5	2015	49,590,121	46,969,413	52,210,829
3-4	2016	49,289,998	49,234,375	49,345,620
2-3	2017	49,129,720	46,238,066	52,021,373
1-2	2018	46,951,187	46,977,687	46,924,687

INDEMNITY

Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-30)
1989	0.5925	0.5925	0.5925
1990	0.6845	0.6895	0.6796
1991	0.6458	0.6426	0.6490
1992	0.6019	0.5989	0.6048
1993	0.6680	0.6653	0.6708
1994	0.5343	0.5357	0.5329
1995	0.5291	0.5262	0.5319
1996	0.6057	0.6031	0.6083
1997	0.6142	0.6122	0.6163
1998	0.5388	0.5348	0.5428
1999	0.5789	0.5731	0.5847
2000	0.6696	0.6665	0.6726
2001	0.5511	0.5507	0.5515
2002	0.4974	0.4915	0.5033
2003	0.5196	0.5173	0.5219
2004	0.4354	0.4313	0.4394
2005	0.4056	0.4015	0.4097
2006	0.4137	0.4105	0.4168
2007	0.3899	0.3864	0.3935
2008	0.3524	0.3484	0.3565
2009	0.3969	0.4001	0.3937
2010	0.3714	0.3654	0.3774
2011	0.3581	0.3471	0.3691
2012	0.3625	0.3591	0.3659
2013	0.4019	0.3934	0.4104
2014	0.3301	0.3203	0.3398
2015	0.3278	0.3105	0.3452
2016	0.3036	0.3033	0.3040
2017	0.2767	0.2604	0.2930
2018	0.2580	0.2581	0.2578

INDEMNITY FREQUENCY

Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/19	Selected Ann Trend	Trend Period # Years	Trend 1/1/19-12/1/21	Combined Trend Factor
				-5.4%	1		
				-5.4%	1		
				-5.4%	1		
				-5.4%	0.9167		
2006	12.24	1.0000					
2007	11.33	0.9257					
2008	10.04	0.8203					
2009	9.89	0.8080					
2010	9.95	0.8129					
2011	9.36	0.7647					
2012	8.42	0.6879					
2013	8.78	0.7173					
2014	7.50	0.6127					
2015	7.88	0.6438	0.8458			0.8497	0.7187
2016	6.90	0.5637	0.8944			0.8497	0.7600
2017	6.93	0.5662	0.9457			0.8497	0.8036
2018*	6.02	0.4918	1.0000			0.8497	0.8497

* Adjusted to a full Policy Year

INDEMNITY SEVERITY RATIOS

Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-30)
2006	0.4137	0.4105	0.4168
2007	0.4212	0.4174	0.4251
2008	0.4296	0.4247	0.4346
2009	0.4912	0.4952	0.4872
2010	0.4569	0.4495	0.4643
2011	0.4683	0.4539	0.4827
2012	0.5270	0.5220	0.5319
2013	0.5603	0.5484	0.5721
2014	0.5387	0.5227	0.5546
2015	0.5092	0.4823	0.5362
2016	0.5386	0.5380	0.5393
2017	0.4887	0.4599	0.5175
2018	0.5246	0.5248	0.5242

INDEMNITY Linear FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	2015	0.5158	0.4938	0.5380
	2016	0.5155	0.4988	0.5322
	2017	0.5151	0.5037	0.5264
	2018	0.5147	0.5087	0.5206
5 Point	2014	0.5297	0.5092	0.5503
	2015	0.5248	0.5074	0.5423
	2016	0.5200	0.5055	0.5344
	2017	0.5151	0.5037	0.5264
	2018	0.5102	0.5019	0.5185
6 Point	2013	0.5480	0.5306	0.5655
	2014	0.5395	0.5234	0.5556
	2015	0.5310	0.5163	0.5456
	2016	0.5224	0.5091	0.5357
	2017	0.5139	0.5019	0.5257
	2018	0.5053	0.4948	0.5158
7 Point	2012	0.5429	0.5304	0.5552
	2013	0.5375	0.5250	0.5499
	2014	0.5321	0.5195	0.5447
	2015	0.5267	0.5140	0.5394
	2016	0.5214	0.5085	0.5341
	2017	0.5160	0.5031	0.5289
	2018	0.5106	0.4976	0.5236
8 Point	2011	0.5149	0.5017	0.5281
	2012	0.5162	0.5031	0.5293
	2013	0.5175	0.5045	0.5305
	2014	0.5188	0.5058	0.5317
	2015	0.5201	0.5072	0.5329
	2016	0.5214	0.5085	0.5341
	2017	0.5226	0.5099	0.5353
	2018	0.5239	0.5113	0.5366
9 Point	2010	0.4922	0.4812	0.5032
	2011	0.4973	0.4859	0.5086
	2012	0.5023	0.4907	0.5140
	2013	0.5074	0.4954	0.5194
	2014	0.5125	0.5002	0.5248
	2015	0.5175	0.5049	0.5301
	2016	0.5226	0.5097	0.5355
	2017	0.5277	0.5144	0.5409
	2018	0.5328	0.5192	0.5463
10 Point	2009	0.4885	0.4829	0.4942
	2010	0.4934	0.4866	0.5001
	2011	0.4982	0.4904	0.5061
	2012	0.5031	0.4941	0.5121
	2013	0.5079	0.4978	0.5180
	2014	0.5128	0.5015	0.5240
	2015	0.5176	0.5053	0.5299
	2016	0.5225	0.5090	0.5359
	2017	0.5273	0.5127	0.5419
	2018	0.5322	0.5164	0.5478

INDEMNITY Linear TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	Fitted	0.5136	0.5231	0.5038
5 Point	Fitted	0.4960	0.4966	0.4953
6 Point	Fitted	0.4804	0.4739	0.4868
7 Point	Fitted	0.4949	0.4816	0.5082
8 Point	Fitted	0.5277	0.5152	0.5401
9 Point	Fitted	0.5475	0.5330	0.5620
10 Point	Fitted	0.5463	0.5273	0.5652

INDEMNITY Linear Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-30)
4 Point	2015	0.9958	1.0592	0.9364
	2016	0.9965	1.0487	0.9466
	2017	0.9972	1.0384	0.9570
	2018	0.9979	1.0283	0.9676
5 Point	2015	0.9451	0.9788	0.9133
	2016	0.9539	0.9823	0.9269
	2017	0.9630	0.9858	0.9408
	2018	0.9722	0.9894	0.9553
6 Point	2015	0.9048	0.9179	0.8923
	2016	0.9196	0.9308	0.9088
	2017	0.9349	0.9441	0.9260
	2018	0.9507	0.9578	0.9438
7 Point	2015	0.9396	0.9370	0.9422
	2016	0.9493	0.9471	0.9515
	2017	0.9592	0.9574	0.9610
	2018	0.9693	0.9679	0.9706
8 Point	2015	1.0146	1.0159	1.0134
	2016	1.0121	1.0131	1.0111
	2017	1.0096	1.0104	1.0089
	2018	1.0072	1.0078	1.0066
9 Point	2015	1.0579	1.0557	1.0601
	2016	1.0477	1.0458	1.0494
	2017	1.0376	1.0362	1.0390
	2018	1.0277	1.0267	1.0287
10 Point	2015	1.0554	1.0436	1.0666
	2016	1.0456	1.0360	1.0547
	2017	1.0360	1.0285	1.0431
	2018	1.0266	1.0210	1.0317

INDEMNITY Expon'l FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	2015	0.5155	0.4931	0.5380
	2016	0.5151	0.4978	0.5321
	2017	0.5147	0.5027	0.5263
	2018	0.5143	0.5075	0.5206
5 Point	2014	0.5295	0.5087	0.5503
	2015	0.5245	0.5067	0.5422
	2016	0.5196	0.5047	0.5342
	2017	0.5147	0.5027	0.5263
	2018	0.5099	0.5007	0.5186
6 Point	2013	0.5479	0.5301	0.5656
	2014	0.5391	0.5227	0.5553
	2015	0.5304	0.5153	0.5453
	2016	0.5219	0.5081	0.5354
	2017	0.5136	0.5010	0.5257
	2018	0.5054	0.4939	0.5162
7 Point	2012	0.5427	0.5303	0.5551
	2013	0.5372	0.5245	0.5497
	2014	0.5317	0.5188	0.5444
	2015	0.5263	0.5132	0.5391
	2016	0.5209	0.5076	0.5339
	2017	0.5156	0.5020	0.5287
	2018	0.5103	0.4966	0.5236
8 Point	2011	0.5135	0.5002	0.5267
	2012	0.5149	0.5017	0.5281
	2013	0.5164	0.5031	0.5296
	2014	0.5179	0.5046	0.5310
	2015	0.5194	0.5061	0.5325
	2016	0.5209	0.5076	0.5339
	2017	0.5224	0.5090	0.5354
	2018	0.5239	0.5105	0.5368
9 Point	2010	0.4904	0.4795	0.5013
	2011	0.4956	0.4843	0.5069
	2012	0.5008	0.4891	0.5124
	2013	0.5061	0.4939	0.5181
	2014	0.5114	0.4988	0.5238
	2015	0.5168	0.5038	0.5295
	2016	0.5222	0.5087	0.5354
	2017	0.5277	0.5138	0.5413
	2018	0.5333	0.5189	0.5472
10 Point	2009	0.4873	0.4818	0.4929
	2010	0.4921	0.4854	0.4988
	2011	0.4970	0.4891	0.5047
	2012	0.5019	0.4928	0.5108
	2013	0.5069	0.4966	0.5169
	2014	0.5119	0.5003	0.5231
	2015	0.5169	0.5041	0.5294
	2016	0.5220	0.5080	0.5357
	2017	0.5272	0.5118	0.5421
	2018	0.5324	0.5157	0.5486

INDEMNITY Expon'l TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	Fitted	0.5132	0.5220	0.5043
5 Point	Fitted	0.4961	0.4949	0.4967
6 Point	Fitted	0.4821	0.4740	0.4895
7 Point	Fitted	0.4953	0.4809	0.5090
8 Point	Fitted	0.5284	0.5149	0.5411
9 Point	Fitted	0.5498	0.5340	0.5650
10 Point	Fitted	0.5478	0.5272	0.5680

INDEMNITY Expon'l Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-30)
4 Point	2015	0.9954	1.0588	0.9375
	2016	0.9962	1.0486	0.9477
	2017	0.9969	1.0385	0.9581
	2018	0.9977	1.0285	0.9687
5 Point	2015	0.9458	0.9769	0.9160
	2016	0.9548	0.9807	0.9297
	2017	0.9638	0.9846	0.9436
	2018	0.9729	0.9885	0.9577
6 Point	2015	0.9089	0.9198	0.8976
	2016	0.9237	0.9329	0.9141
	2017	0.9387	0.9462	0.9310
	2018	0.9540	0.9596	0.9481
7 Point	2015	0.9411	0.9372	0.9441
	2016	0.9508	0.9475	0.9533
	2017	0.9606	0.9580	0.9626
	2018	0.9705	0.9685	0.9720
8 Point	2015	1.0172	1.0174	1.0163
	2016	1.0143	1.0144	1.0135
	2017	1.0114	1.0115	1.0107
	2018	1.0085	1.0085	1.0080
9 Point	2015	1.0639	1.0600	1.0669
	2016	1.0529	1.0496	1.0553
	2017	1.0419	1.0393	1.0438
	2018	1.0310	1.0291	1.0325
10 Point	2015	1.0598	1.0457	1.0730
	2016	1.0495	1.0379	1.0603
	2017	1.0392	1.0300	1.0478
	2018	1.0291	1.0223	1.0354

INDEMNITY Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-30)
4 Point	2015	0.7157	0.7612	0.6730
	2016	0.7573	0.7970	0.7194
	2017	0.8013	0.8345	0.7690
	2018	0.8479	0.8737	0.8222
5 Point	2015	0.6792	0.7035	0.6564
	2016	0.7250	0.7465	0.7044
	2017	0.7739	0.7922	0.7560
	2018	0.8261	0.8407	0.8117
6 Point	2015	0.6503	0.6597	0.6413
	2016	0.6989	0.7074	0.6907
	2017	0.7513	0.7587	0.7441
	2018	0.8078	0.8138	0.8019
7 Point	2015	0.6753	0.6734	0.6772
	2016	0.7215	0.7198	0.7231
	2017	0.7708	0.7694	0.7723
	2018	0.8236	0.8224	0.8247
8 Point	2015	0.7292	0.7301	0.7283
	2016	0.7692	0.7700	0.7684
	2017	0.8113	0.8120	0.8108
	2018	0.8558	0.8563	0.8553
9 Point	2015	0.7603	0.7587	0.7619
	2016	0.7963	0.7948	0.7975
	2017	0.8338	0.8327	0.8349
	2018	0.8732	0.8724	0.8741
10 Point	2015	0.7585	0.7500	0.7666
	2016	0.7947	0.7874	0.8016
	2017	0.8325	0.8265	0.8382
	2018	0.8723	0.8675	0.8766

INDEMNITY Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-30)
4 Point	2015	0.7154	0.7610	0.6738
	2016	0.7571	0.7969	0.7203
	2017	0.8011	0.8345	0.7699
	2018	0.8477	0.8739	0.8231
5 Point	2015	0.6797	0.7021	0.6583
	2016	0.7256	0.7453	0.7066
	2017	0.7745	0.7912	0.7583
	2018	0.8267	0.8399	0.8138
6 Point	2015	0.6532	0.6611	0.6451
	2016	0.7020	0.7090	0.6947
	2017	0.7543	0.7604	0.7482
	2018	0.8106	0.8154	0.8056
7 Point	2015	0.6764	0.6736	0.6785
	2016	0.7226	0.7201	0.7245
	2017	0.7719	0.7698	0.7735
	2018	0.8246	0.8229	0.8259
8 Point	2015	0.7311	0.7312	0.7304
	2016	0.7709	0.7709	0.7703
	2017	0.8128	0.8128	0.8122
	2018	0.8569	0.8569	0.8565
9 Point	2015	0.7646	0.7618	0.7668
	2016	0.8002	0.7977	0.8020
	2017	0.8373	0.8352	0.8388
	2018	0.8760	0.8744	0.8773
10 Point	2015	0.7617	0.7515	0.7712
	2016	0.7976	0.7888	0.8058
	2017	0.8351	0.8277	0.8420
	2018	0.8744	0.8686	0.8798

INDEMNITY Linear TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-30)
4 Point	2015	0.2346	0.2364	0.2323
	2016	0.2299	0.2417	0.2187
	2017	0.2217	0.2173	0.2253
	2018	0.2188	0.2255	0.2120
	4 Yr Ave	0.2263	0.2302	0.2221
5 Point	2015	0.2226	0.2184	0.2266
	2016	0.2201	0.2264	0.2141
	2017	0.2141	0.2063	0.2215
	2018	0.2131	0.2170	0.2093
	4 Yr Ave	0.2175	0.2170	0.2179
6 Point	2015	0.2132	0.2048	0.2214
	2016	0.2122	0.2146	0.2100
	2017	0.2079	0.1976	0.2180
	2018	0.2084	0.2100	0.2067
	4 Yr Ave	0.2104	0.2068	0.2140
7 Point	2015	0.2214	0.2091	0.2338
	2016	0.2190	0.2183	0.2198
	2017	0.2133	0.2004	0.2263
	2018	0.2125	0.2123	0.2126
	4 Yr Ave	0.2166	0.2100	0.2231
8 Point	2015	0.2390	0.2267	0.2514
	2016	0.2335	0.2335	0.2336
	2017	0.2245	0.2114	0.2376
	2018	0.2208	0.2210	0.2205
	4 Yr Ave	0.2295	0.2232	0.2358
9 Point	2015	0.2492	0.2356	0.2630
	2016	0.2418	0.2411	0.2424
	2017	0.2307	0.2168	0.2446
	2018	0.2253	0.2252	0.2253
	4 Yr Ave	0.2368	0.2297	0.2438
10 Point	2015	0.2486	0.2329	0.2646
	2016	0.2413	0.2388	0.2437
	2017	0.2304	0.2152	0.2456
	2018	0.2251	0.2239	0.2260
	4 Yr Ave	0.2364	0.2277	0.2450

INDEMNITY Expon'l TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-30)
4 Point	2015	0.2345	0.2363	0.2326
	2016	0.2299	0.2417	0.2190
	2017	0.2217	0.2173	0.2256
	2018	0.2187	0.2256	0.2122
	4 Yr Ave	0.2262	0.2302	0.2224
5 Point	2015	0.2228	0.2180	0.2272
	2016	0.2203	0.2260	0.2148
	2017	0.2143	0.2060	0.2222
	2018	0.2133	0.2168	0.2098
	4 Yr Ave	0.2177	0.2167	0.2185
6 Point	2015	0.2141	0.2053	0.2227
	2016	0.2131	0.2150	0.2112
	2017	0.2087	0.1980	0.2192
	2018	0.2091	0.2105	0.2077
	4 Yr Ave	0.2113	0.2072	0.2152
7 Point	2015	0.2217	0.2092	0.2342
	2016	0.2194	0.2184	0.2202
	2017	0.2136	0.2005	0.2266
	2018	0.2127	0.2124	0.2129
	4 Yr Ave	0.2169	0.2101	0.2235
8 Point	2015	0.2397	0.2270	0.2521
	2016	0.2340	0.2338	0.2342
	2017	0.2249	0.2117	0.2380
	2018	0.2211	0.2212	0.2208
	4 Yr Ave	0.2299	0.2234	0.2363
9 Point	2015	0.2506	0.2365	0.2647
	2016	0.2429	0.2419	0.2438
	2017	0.2317	0.2175	0.2458
	2018	0.2260	0.2257	0.2262
	4 Yr Ave	0.2378	0.2304	0.2451
10 Point	2015	0.2497	0.2333	0.2662
	2016	0.2422	0.2392	0.2450
	2017	0.2311	0.2155	0.2467
	2018	0.2256	0.2242	0.2268
	4 Yr Ave	0.2372	0.2281	0.2462

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	Incurred LDF 18-19	4 Year Average LDF	Selected Incurred LDF
Beyond	1.0072	1.0553	1.0165	0.9826	1.0067	1.0496	0.9694	1.0066	1.0081	1.0081
29-30					1.0004	0.9998	1.0002	1.0016	1.0005	1.0001
28-29				1.0013	1.0077	1.0030	0.9995	1.0018	1.0005	1.0002
27-28			1.0056	1.0083	1.0017	1.0126	1.0061	1.0003	1.0052	1.0002
26-27		0.9757	1.0041	1.0040	1.0050	0.9984	1.0051	1.0031	1.0029	1.0003
25-26	1.0013	1.0281	0.9967	1.0121	1.0134	1.0039	0.9905	1.0107	1.0046	1.0003
24-25	1.0090	0.9995	1.0077	1.0115	0.9996	1.0053	1.0023	1.0113	1.0046	1.0004
23-24	1.0022	1.0027	1.0027	1.0039	1.0083	1.0064	1.0097	0.9953	1.0049	1.0006
22-23	1.0001	0.9917	0.9838	1.0153	1.0001	1.0107	1.0001	0.9680	0.9947	1.0007
21-22	1.0065	0.9944	1.0034	1.0070	0.9865	0.9780	0.9926	0.9852	0.9856	1.0010
20-21	0.9995	1.0014	1.0122	1.0058	1.0042	1.0050	1.0084	0.9936	1.0028	1.0013
19-20	1.0126	0.9801	0.9761	1.0025	0.9986	1.0253	0.9989	0.9939	1.0042	1.0016
18-19	0.9957	1.0116	0.9932	1.0199	0.9985	1.0033	0.9939	0.9843	0.9950	1.0021
17-18	1.0088	0.9968	0.9846	1.0035	1.0206	1.0228	0.9587	0.9708	0.9932	1.0027
16-17	1.0239	1.0210	1.0017	1.0029	0.9934	1.0312	0.9991	0.9964	1.0050	1.0035
15-16	1.0191	1.0111	0.9990	1.0185	1.0124	1.0184	0.9760	0.9855	0.9981	1.0046
14-15	1.0129	1.0145	0.9764	0.9915	1.0348	1.0122	1.0004	0.9912	1.0097	1.0059
13-14	0.9959	0.9926	0.9887	1.0236	1.0221	1.0257	1.0164	1.0009	1.0163	1.0077
12-13	0.9965	1.0208	0.9987	1.0212	1.0244	1.0579	1.0037	0.9777	1.0159	1.0099
11-12	1.0292	0.9936	1.0135	1.0120	1.0377	0.9713	0.9961	0.9825	0.9969	1.0128
10-11	1.0146	0.9769	1.0119	1.0345	1.0264	1.0024	1.0035	1.0213	1.0134	1.0166
9-10	1.0331	1.0220	1.0161	1.0266	1.0294	1.0130	1.0211	1.0972	1.0402	1.0214
8-9	1.0505	0.9937	1.0329	1.0079	1.0397	1.0282	1.0851	1.0672	1.0551	1.0276
7-8	1.0083	1.0117	1.0615	1.0285	1.0636	1.0154	1.0860	1.0559	1.0552	1.0357
6-7	1.0376	1.0396	1.0224	1.0442	1.0311	1.0099	1.0506	1.0336	1.0313	1.0459
5-6	1.0451	1.0358	1.0812	1.0573	1.0620	1.0021	1.0721	1.0914	1.0569	1.0591
4-5	1.0144	1.0527	1.1216	1.0654	1.0333	0.9963	1.0453	1.1872	1.0655	1.0759
3-4	1.0790	1.0672	1.0692	1.0454	1.0549	1.0522	1.1532	1.0315	1.0730	1.0971
2-3	1.1415	1.1308	1.0855	1.1434	1.1483	1.0156	1.1417	1.1850	1.1227	1.1240
1-2	1.1965	1.1849	1.2377	1.2919	1.1976	1.0249	1.3294	1.1408	1.1732	1.1575

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	Paid LDF 18-19	4 Year Average LDF	Selected Paid LDF
29-30					1.0017	1.0091	1.0017	1.0089	1.0054	1.0040
28-29				1.0044	1.0144	1.0005	1.0023	1.0094	1.0067	1.0045
27-28			1.0034	1.0083	1.0014	1.0137	1.0062	1.0019	1.0058	1.0051
26-27		1.0123	1.0112	1.0023	1.0031	1.0088	1.0056	1.0037	1.0053	1.0057
25-26	1.0028	1.0332	1.0050	1.0196	1.0044	1.0042	1.0016	1.0112	1.0054	1.0063
24-25	1.0239	1.0065	1.0167	1.0097	1.0030	1.0022	1.0225	1.0015	1.0073	1.0069
23-24	1.0037	1.0130	1.0072	1.0130	1.0040	1.0092	1.0059	1.0070	1.0065	1.0076
22-23	1.0044	1.0128	1.0083	1.0072	1.0104	1.0059	1.0039	1.0019	1.0055	1.0083
21-22	1.0091	1.0086	1.0116	1.0127	1.0092	1.0039	1.0090	1.0161	1.0096	1.0091
20-21	1.0069	1.0082	1.0086	1.0054	1.0061	1.0097	1.0152	1.0049	1.0090	1.0099
19-20	1.0118	1.0146	1.0243	1.0064	1.0144	1.0065	1.0045	1.0015	1.0067	1.0107
18-19	1.0150	1.0114	1.0141	1.0219	1.0185	1.0209	1.0144	1.0110	1.0162	1.0116
17-18	1.0108	1.0276	1.0181	1.0099	1.0145	1.0034	1.0062	1.0125	1.0092	1.0126
16-17	1.0104	1.0243	1.0226	1.0089	1.0064	1.0066	1.0097	1.0046	1.0068	1.0136
15-16	1.0340	1.0172	1.0047	1.0167	1.0086	1.0148	1.0148	1.0184	1.0142	1.0147
14-15	1.0152	1.0106	1.0046	1.0190	1.0312	1.0131	1.0247	1.0157	1.0212	1.0159
13-14	1.0104	1.0122	1.0217	1.0135	1.0146	1.0321	1.0236	1.0172	1.0219	1.0173
12-13	1.0176	1.0273	1.0212	1.0495	1.0215	1.0175	1.0105	1.0067	1.0141	1.0188
11-12	1.0401	1.0233	1.0330	1.0216	1.0198	1.0179	1.0190	1.0236	1.0201	1.0205
10-11	1.0246	1.0348	1.0320	1.0314	1.0433	1.0216	1.0120	1.0246	1.0254	1.0224
9-10	1.0247	1.0398	1.0274	1.0196	1.0419	1.0396	1.0310	1.0201	1.0332	1.0247
8-9	1.0413	1.0252	1.0287	1.0442	1.0319	1.0235	1.0301	1.0184	1.0260	1.0275
7-8	1.0216	1.0386	1.0455	1.0336	1.0420	1.0426	1.0334	1.0109	1.0322	1.0309
6-7	1.0507	1.0464	1.0357	1.0508	1.0631	1.0408	1.0247	1.0295	1.0395	1.0355
5-6	1.0691	1.0467	1.0532	1.0852	1.0457	1.0568	1.0323	1.0268	1.0404	1.0420
4-5	1.0553	1.0908	1.0575	1.0721	1.0176	1.0656	1.0598	1.0382	1.0453	1.0523
3-4	1.0832	1.0989	1.1042	1.0794	1.0851	1.0735	1.0519	1.0388	1.0623	1.0716
2-3	1.1790	1.1659	1.1127	1.1744	1.1890	1.1409	1.0890	1.1026	1.1304	1.1208
1-2	1.3999	1.3538	1.3604	1.4553	1.4064	1.3369	1.3708	1.3377	1.3630	1.3641

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	Pd-Incur LDF 18-19	4 Year Average LDF	Selected Pd-Incur LDF
29-30					1.0269	1.0862	1.0105	1.0122	1.0340	1.0340
28-29				1.0327	1.0832	1.0107	1.0129	1.0855	1.0481	1.0481
27-28			1.0371	1.0729	1.0091	1.0353	1.0928	1.0142	1.0379	1.0379
26-27		1.0466	1.0771	1.0097	1.0255	1.0957	1.0196	1.0130	1.0385	1.0385
25-26	1.0756	1.1157	1.0069	1.0384	1.1022	1.0188	1.0115	1.0613	1.0485	1.0485
24-25	1.1111	1.0204	1.0437	1.0864	1.0179	1.0235	1.0737	1.0717	1.0467	1.0467
23-24	1.0245	1.0480	1.0617	1.0297	1.0222	1.0810	1.0659	1.0459	1.0538	1.0538
22-23	1.0497	1.0954	1.0347	1.0213	1.0851	1.0619	1.0549	1.0841	1.0715	1.0715
21-22	1.1146	1.0579	1.0180	1.0864	1.0608	1.0589	1.1300	1.0832	1.0832	1.0832
20-21	1.0704	1.0218	1.0873	1.0765	1.0892	1.1493	1.1162	1.0475	1.1006	1.1006
19-20	1.0324	1.0892	1.1036	1.0780	1.1597	1.1139	1.0590	1.0587	1.0978	1.0978
18-19	1.1276	1.1302	1.0956	1.1756	1.1054	1.0822	1.0805	1.0735	1.0854	1.0854
17-18	1.1289	1.1255	1.1604	1.1134	1.0940	1.0907	1.0972	1.1389	1.1052	1.1052
16-17	1.1376	1.2162	1.1221	1.0832	1.0730	1.1519	1.1843	1.0548	1.1160	1.1160
15-16	1.2306	1.1556	1.0843	1.0981	1.1265	1.2027	1.0738	1.1471	1.1375	1.1375
14-15	1.1594	1.0963	1.0824	1.1342	1.2177	1.1144	1.1927	1.1808	1.1764	1.1764
13-14	1.0977	1.1142	1.1656	1.1892	1.1169	1.2302	1.2193	1.1456	1.1780	1.1780
12-13	1.1406	1.2116	1.1524	1.1398	1.2248	1.2205	1.1565	1.1213	1.1808	1.1808
11-12	1.2447	1.2017	1.1552	1.2134	1.1765	1.1729	1.1687	1.1382	1.1641	1.1641
10-11	1.2392	1.1709	1.2294	1.1698	1.2540	1.1987	1.1724	1.2430	1.2170	1.2170
9-10	1.2280	1.2662	1.1667	1.2450	1.2447	1.2145	1.2548	1.3260	1.2600	1.2600
8-9	1.2897	1.1714	1.2227	1.2568	1.2371	1.2578	1.2449	1.3142	1.2635	1.2635
7-8	1.2042	1.2561	1.3014	1.2246	1.2747	1.1961	1.2725	1.2371	1.2451	1.2451
6-7	1.3044	1.2860	1.2196	1.2601	1.2520	1.2195	1.2005	1.1913	1.2158	1.2158
5-6	1.3036	1.2611	1.2700	1.3166	1.2626	1.2075	1.1897	1.2475	1.2268	1.2268
4-5	1.2856	1.2804	1.3148	1.2721	1.2256	1.1826	1.2114	1.4847	1.2761	1.2761
3-4	1.3205	1.2938	1.3064	1.2786	1.2876	1.2440	1.3155	1.2546	1.2754	1.2754
2-3	1.4304	1.4523	1.3566	1.4285	1.4047	1.3015	1.3245	1.6749	1.4264	1.4264
1-2	1.8031	1.7023	1.6971	1.7802	1.7999	1.5509	1.9375	2.0362	1.8311	1.8311

MEDICAL	Policy Year	Incurred LDF	Paid to 30th LDF
Beyond	1989	1.0081	1.0081
29-30	1990	1.0001	1.0340
28-29	1991	1.0002	1.0045
27-28	1992	1.0002	1.0051
26-27	1993	1.0003	1.0057
25-26	1994	1.0003	1.0063
24-25	1995	1.0004	1.0069
23-24	1996	1.0006	1.0076
22-23	1997	1.0007	1.0083
21-22	1998	1.0010	1.0091
20-21	1999	1.0013	1.0099
19-20	2000	1.0016	1.0107
18-19	2001	1.0021	1.0116
17-18	2002	1.0027	1.0126
16-17	2003	1.0035	1.0136
15-16	2004	1.0046	1.0147
14-15	2005	1.0059	1.0159
13-14	2006	1.0077	1.0173
12-13	2007	1.0099	1.0188
11-12	2008	1.0128	1.0205
10-11	2009	1.0166	1.0224
9-10	2010	1.0214	1.0247
8-9	2011	1.0276	1.0275
7-8	2012	1.0357	1.0309
6-7	2013	1.0459	1.0355
5-6	2014	1.0591	1.0420
4-5	2015	1.0759	1.0523
3-4	2016	1.0971	1.0716
2-3	2017	1.1240	1.1208
1-2	2018	1.1575	1.3641

MEDICAL	Policy Year	Incurred Cum LDF	Paid to 30th Cum LDF
Beyond	1989	1.0081	1.0081
29-30	1990	1.0082	1.0424
28-29	1991	1.0084	1.0471
27-28	1992	1.0086	1.0524
26-27	1993	1.0089	1.0584
25-26	1994	1.0092	1.0651
24-25	1995	1.0096	1.0724
23-24	1996	1.0102	1.0806
22-23	1997	1.0109	1.0895
21-22	1998	1.0119	1.0995
20-21	1999	1.0133	1.1103
19-20	2000	1.0149	1.1222
18-19	2001	1.0170	1.1352
17-18	2002	1.0198	1.1495
16-17	2003	1.0233	1.1652
15-16	2004	1.0280	1.1823
14-15	2005	1.0341	1.2011
13-14	2006	1.0421	1.2219
12-13	2007	1.0524	1.2449
11-12	2008	1.0658	1.2704
10-11	2009	1.0835	1.2988
9-10	2010	1.1067	1.3309
8-9	2011	1.1373	1.3675
7-8	2012	1.1779	1.4098
6-7	2013	1.2319	1.4598
5-6	2014	1.3047	1.5211
4-5	2015	1.4038	1.6007
3-4	2016	1.5401	1.7153
2-3	2017	1.7310	1.9225
1-2	2018	2.0037	2.6225

MEDICAL	Policy Year	Benefit Level Factor	LAE
Beyond	1989	1.0000	1.2614
29-30	1990	1.0000	1.2614
28-29	1991	1.0000	1.2614
27-28	1992	1.0000	1.2614
26-27	1993	1.0000	1.2614
25-26	1994	1.0000	1.2614
24-25	1995	1.0000	1.2614
23-24	1996	1.0000	1.2614
22-23	1997	1.0000	1.2614
21-22	1998	1.0000	1.2614
20-21	1999	1.0000	1.2614
19-20	2000	1.0000	1.2614
18-19	2001	1.0000	1.2614
17-18	2002	1.0000	1.2614
16-17	2003	1.0000	1.2614
15-16	2004	1.0000	1.2614
14-15	2005	1.0000	1.2614
13-14	2006	1.0000	1.2614
12-13	2007	1.0000	1.2614
11-12	2008	1.0000	1.2614
10-11	2009	1.0000	1.2614
9-10	2010	1.0000	1.2614
8-9	2011	1.0000	1.2614
7-8	2012	1.0000	1.2614
6-7	2013	1.0000	1.2614
5-6	2014	1.0000	1.2614
4-5	2015	1.0000	1.2614
3-4	2016	1.0000	1.2614
2-3	2017	1.0000	1.2614
1-2	2018	1.0000	1.2614

MEDICAL	Policy Year	Incurred Base	Paid to 30th Base
Beyond	1989	13,467,981	13,467,981
29-30	1990	14,098,389	13,110,636
28-29	1991	13,496,168	13,333,112
27-28	1992	14,010,852	13,881,194
26-27	1993	15,760,427	15,015,744
25-26	1994	13,802,503	12,897,823
24-25	1995	14,631,691	14,086,447
23-24	1996	19,811,432	18,309,188
22-23	1997	17,156,952	16,094,383
21-22	1998	15,307,002	14,684,831
20-21	1999	19,081,749	18,050,561
19-20	2000	25,701,044	24,205,479
18-19	2001	22,527,073	20,026,916
17-18	2002	25,113,077	23,918,499
16-17	2003	30,000,764	26,634,222
15-16	2004	34,758,062	29,898,096
14-15	2005	33,401,451	29,657,989
13-14	2006	34,380,880	30,867,041
12-13	2007	36,792,480	33,088,859
11-12	2008	40,098,997	33,051,449
10-11	2009	46,480,917	35,757,344
9-10	2010	50,564,182	39,182,391
8-9	2011	42,070,610	34,378,635
7-8	2012	35,439,535	30,628,239
6-7	2013	39,245,608	32,302,350
5-6	2014	36,876,132	25,785,752
4-5	2015	35,301,800	29,229,793
3-4	2016	41,786,912	27,508,910
2-3	2017	37,042,212	24,334,702
1-2	2018	31,309,939	15,508,644

MEDICAL	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-30)
Beyond	1989	13,577,072	13,577,072	13,577,072
29-30	1990	13,940,262	14,213,996	13,666,527
28-29	1991	13,785,319	13,609,536	13,961,102
27-28	1992	14,369,957	14,131,345	14,608,569
26-27	1993	15,896,679	15,900,695	15,892,663
25-26	1994	13,833,479	13,929,486	13,737,471
24-25	1995	14,939,231	14,772,155	15,106,306
23-24	1996	19,899,209	20,013,509	19,784,909
22-23	1997	17,439,397	17,343,963	17,534,830
21-22	1998	15,817,564	15,489,155	16,145,972
20-21	1999	19,688,537	19,335,536	20,041,538
19-20	2000	26,623,690	26,083,990	27,163,389
18-19	2001	22,822,294	22,910,033	22,734,555
17-18	2002	26,552,316	25,610,316	27,494,315
16-17	2003	30,866,989	30,699,782	31,034,195
15-16	2004	35,539,904	35,731,288	35,348,519
14-15	2005	35,081,326	34,540,440	35,622,211
13-14	2006	36,772,376	35,828,315	37,716,437
12-13	2007	39,956,364	38,720,406	41,192,321
11-12	2008	42,363,036	42,737,511	41,988,561
10-11	2009	48,401,856	50,362,074	46,441,638
9-10	2010	54,053,612	55,959,380	52,147,844
8-9	2011	47,429,844	47,846,905	47,012,783
7-8	2012	42,461,960	41,744,228	43,179,691
6-7	2013	47,750,818	48,346,664	47,154,971
5-6	2014	43,667,498	48,112,289	39,222,707
4-5	2015	48,172,399	49,556,667	46,788,130
3-4	2016	55,771,028	64,356,023	47,186,033
2-3	2017	55,451,767	64,120,069	46,783,465
1-2	2018	51,703,572	62,735,725	40,671,419

MEDICAL	Policy Year	Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-30)
Beyond	1989	17,126,119	17,126,119	17,126,119
29-30	1990	17,584,246	17,929,535	17,238,957
28-29	1991	17,388,802	17,167,069	17,610,534
27-28	1992	18,126,264	17,825,279	18,427,249
26-27	1993	20,052,071	20,057,137	20,047,005
25-26	1994	17,449,550	17,570,654	17,328,446
24-25	1995	18,844,345	18,633,596	19,055,094
23-24	1996	25,100,862	25,245,040	24,956,684
22-23	1997	21,998,055	21,877,675	22,118,435
21-22	1998	19,952,275	19,538,020	20,366,529
20-21	1999	24,835,121	24,389,845	25,280,396
19-20	2000	33,583,122	32,902,345	34,263,899
18-19	2001	28,788,042	28,898,716	28,677,368
17-18	2002	33,493,091	32,304,853	34,681,329
16-17	2003	38,935,620	38,724,705	39,146,534
15-16	2004	44,830,035	45,071,447	44,588,622
14-15	2005	44,251,584	43,569,311	44,933,857
13-14	2006	46,384,676	45,193,837	47,575,514
12-13	2007	50,400,957	48,841,920	51,959,994
11-12	2008	53,436,734	53,909,096	52,964,371
10-11	2009	61,054,101	63,526,720	58,581,482
9-10	2010	68,183,226	70,587,162	65,779,290
8-9	2011	59,828,005	60,354,086	59,301,924
7-8	2012	53,561,516	52,656,169	54,466,862
6-7	2013	60,232,881	60,984,482	59,481,280
5-6	2014	55,082,182	60,688,841	49,475,523
4-5	2015	60,764,664	62,510,780	59,018,547
3-4	2016	70,349,575	81,178,687	59,520,462
2-3	2017	69,946,859	80,881,055	59,012,663
1-2	2018	65,218,886	79,134,844	51,302,928

MEDICAL

Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-30)
1989	0.1635	0.1635	0.1635
1990	0.1854	0.1891	0.1818
1991	0.1901	0.1877	0.1925
1992	0.2173	0.2137	0.2209
1993	0.2382	0.2383	0.2382
1994	0.2125	0.2139	0.2110
1995	0.2235	0.2210	0.2260
1996	0.2823	0.2839	0.2807
1997	0.2631	0.2617	0.2646
1998	0.2469	0.2418	0.2521
1999	0.2862	0.2811	0.2914
2000	0.3554	0.3482	0.3626
2001	0.2940	0.2951	0.2929
2002	0.3141	0.3029	0.3252
2003	0.3424	0.3405	0.3442
2004	0.3215	0.3232	0.3198
2005	0.2966	0.2921	0.3012
2006	0.2950	0.2875	0.3026
2007	0.3209	0.3110	0.3308
2008	0.3332	0.3362	0.3303
2009	0.3835	0.3990	0.3679
2010	0.4402	0.4557	0.4246
2011	0.3847	0.3881	0.3814
2012	0.3679	0.3617	0.3741
2013	0.4335	0.4389	0.4281
2014	0.3982	0.4387	0.3577
2015	0.4017	0.4133	0.3902
2016	0.4334	0.5001	0.3667
2017	0.3939	0.4555	0.3324
2018	0.3584	0.4348	0.2819

MEDICAL FREQUENCY

Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/19	Selected Ann Trend	Trend Period # Years	Trend 1/1/19-12/1/21	Combined Trend Factor
				-5.4%	1		
				-5.4%	1		
				-5.4%	1		
				-5.4%	0.9167		
2006	12.24	1.0000					
2007	11.33	0.9257					
2008	10.04	0.8203					
2009	9.89	0.8080					
2010	9.95	0.8129					
2011	9.36	0.7647					
2012	8.42	0.6879					
2013	8.78	0.7173					
2014	7.50	0.6127					
2015	7.88	0.6438	0.8458			0.8497	0.7187
2016	6.90	0.5637	0.8944			0.8497	0.7600
2017	6.93	0.5662	0.9457			0.8497	0.8036
2018*	6.02	0.4918	1.0000			0.8497	0.8497

* Adjusted to a full Policy Year

MEDICAL SEVERITY RATIOS	Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-30)
	2006	0.2950	0.2875	0.3026
	2007	0.3467	0.3360	0.3574
	2008	0.4062	0.4099	0.4027
	2009	0.4746	0.4938	0.4553
	2010	0.5415	0.5606	0.5223
	2011	0.5031	0.5075	0.4988
	2012	0.5348	0.5258	0.5438
	2013	0.6043	0.6119	0.5968
	2014	0.6499	0.7160	0.5838
	2015	0.6240	0.6420	0.6061
	2016	0.7688	0.8871	0.6505
	2017	0.6957	0.8045	0.5871
	2018	0.7287	0.8840	0.5732

MEDICAL Linear FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	2015	0.6682	0.7079	0.6285
	2016	0.6923	0.7722	0.6123
	2017	0.7164	0.8366	0.5961
	2018	0.7405	0.9009	0.5799
5 Point	2014	0.6476	0.6870	0.6082
	2015	0.6705	0.7369	0.6042
	2016	0.6934	0.7867	0.6001
	2017	0.7164	0.8366	0.5961
	2018	0.7393	0.8864	0.5921
6 Point	2013	0.6140	0.6239	0.6041
	2014	0.6398	0.6774	0.6023
	2015	0.6656	0.7309	0.6005
	2016	0.6915	0.7843	0.5987
	2017	0.7173	0.8378	0.5969
	2018	0.7432	0.8912	0.5950
7 Point	2012	0.5634	0.5497	0.5771
	2013	0.5949	0.6080	0.5819
	2014	0.6265	0.6662	0.5868
	2015	0.6580	0.7245	0.5916
	2016	0.6896	0.7827	0.5965
	2017	0.7211	0.8410	0.6013
	2018	0.7527	0.8992	0.6061
8 Point	2011	0.5199	0.4982	0.5417
	2012	0.5538	0.5551	0.5526
	2013	0.5877	0.6120	0.5636
	2014	0.6217	0.6689	0.5745
	2015	0.6556	0.7258	0.5855
	2016	0.6896	0.7827	0.5965
	2017	0.7235	0.8396	0.6074
	2018	0.7575	0.8965	0.6184
9 Point	2010	0.5069	0.4863	0.5275
	2011	0.5372	0.5353	0.5390
	2012	0.5674	0.5842	0.5506
	2013	0.5976	0.6332	0.5621
	2014	0.6279	0.6822	0.5736
	2015	0.6581	0.7311	0.5851
	2016	0.6883	0.7801	0.5966
	2017	0.7186	0.8290	0.6082
	2018	0.7488	0.8780	0.6197
10 Point	2009	0.4760	0.4569	0.4950
	2010	0.5063	0.5027	0.5099
	2011	0.5367	0.5486	0.5247
	2012	0.5670	0.5945	0.5395
	2013	0.5974	0.6404	0.5544
	2014	0.6277	0.6863	0.5692
	2015	0.6581	0.7321	0.5840
	2016	0.6884	0.7780	0.5988
	2017	0.7188	0.8239	0.6137
	2018	0.7491	0.8698	0.6285

MEDICAL Linear TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	Fitted	0.8107	1.0886	0.5326
5 Point	Fitted	0.8062	1.0318	0.5804
6 Point	Fitted	0.8185	1.0472	0.5897
7 Point	Fitted	0.8447	1.0691	0.6202
8 Point	Fitted	0.8565	1.0625	0.6503
9 Point	Fitted	0.8370	1.0208	0.6533
10 Point	Fitted	0.8376	1.0036	0.6718

MEDICAL Linear Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-30)
4 Point	2015	1.2134	1.5378	0.8474
	2016	1.1712	1.4096	0.8698
	2017	1.1318	1.3012	0.8935
	2018	1.0949	1.2083	0.9185
5 Point	2015	1.2023	1.4003	0.9606
	2016	1.1626	1.3115	0.9671
	2017	1.1254	1.2334	0.9736
	2018	1.0905	1.1640	0.9802
6 Point	2015	1.2296	1.4328	0.9821
	2016	1.1837	1.3351	0.9851
	2017	1.1411	1.2499	0.9881
	2018	1.1014	1.1750	0.9911
7 Point	2015	1.2837	1.4757	1.0484
	2016	1.2250	1.3659	1.0399
	2017	1.1714	1.2713	1.0315
	2018	1.1223	1.1889	1.0233
8 Point	2015	1.3063	1.4639	1.1108
	2016	1.2420	1.3575	1.0904
	2017	1.1838	1.2655	1.0707
	2018	1.1307	1.1852	1.0517
9 Point	2015	1.2719	1.3962	1.1165
	2016	1.2160	1.3086	1.0949
	2017	1.1648	1.2313	1.0742
	2018	1.1178	1.1626	1.0542
10 Point	2015	1.2729	1.3708	1.1503
	2016	1.2168	1.2899	1.1218
	2017	1.1654	1.2181	1.0947
	2018	1.1182	1.1538	1.0688

MEDICAL Expon'l FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	2015	0.6648	0.7010	0.6285
	2016	0.6895	0.7641	0.6117
	2017	0.7152	0.8329	0.5954
	2018	0.7418	0.9079	0.5796
5 Point	2014	0.6463	0.6859	0.6078
	2015	0.6685	0.7318	0.6037
	2016	0.6915	0.7807	0.5995
	2017	0.7152	0.8329	0.5954
	2018	0.7398	0.8886	0.5914
6 Point	2013	0.6140	0.6265	0.6040
	2014	0.6381	0.6731	0.6020
	2015	0.6632	0.7232	0.6001
	2016	0.6893	0.7770	0.5981
	2017	0.7163	0.8349	0.5962
	2018	0.7445	0.8970	0.5942
7 Point	2012	0.5641	0.5558	0.5763
	2013	0.5925	0.6038	0.5811
	2014	0.6224	0.6559	0.5859
	2015	0.6538	0.7126	0.5909
	2016	0.6868	0.7742	0.5958
	2017	0.7215	0.8410	0.6008
	2018	0.7578	0.9137	0.6058
8 Point	2011	0.5226	0.5099	0.5400
	2012	0.5520	0.5543	0.5507
	2013	0.5830	0.6026	0.5617
	2014	0.6157	0.6551	0.5728
	2015	0.6503	0.7121	0.5842
	2016	0.6868	0.7742	0.5958
	2017	0.7254	0.8416	0.6076
	2018	0.7661	0.9149	0.6197
9 Point	2010	0.5120	0.5017	0.5268
	2011	0.5375	0.5390	0.5377
	2012	0.5643	0.5790	0.5489
	2013	0.5924	0.6220	0.5603
	2014	0.6219	0.6682	0.5719
	2015	0.6529	0.7178	0.5838
	2016	0.6854	0.7711	0.5960
	2017	0.7196	0.8284	0.6084
	2018	0.7555	0.8899	0.6210
10 Point	2009	0.4831	0.4761	0.4942
	2010	0.5079	0.5099	0.5079
	2011	0.5340	0.5461	0.5220
	2012	0.5615	0.5849	0.5365
	2013	0.5903	0.6264	0.5514
	2014	0.6207	0.6709	0.5668
	2015	0.6526	0.7185	0.5825
	2016	0.6861	0.7695	0.5987
	2017	0.7214	0.8242	0.6153
	2018	0.7584	0.8827	0.6324

MEDICAL Expon'l TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-30)
4 Point	Fitted	0.8253	1.1673	0.5357
5 Point	Fitted	0.8163	1.0732	0.5797
6 Point	Fitted	0.8331	1.1059	0.5886
7 Point	Fitted	0.8748	1.1635	0.6207
8 Point	Fitted	0.8985	1.1673	0.6563
9 Point	Fitted	0.8706	1.0967	0.6594
10 Point	Fitted	0.8778	1.0782	0.6851

MEDICAL Expon'l Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-30)
4 Point	2015	1.2414	1.6652	0.8524
	2016	1.1968	1.5277	0.8757
	2017	1.1539	1.4015	0.8997
	2018	1.1125	1.2858	0.9243
5 Point	2015	1.2211	1.4666	0.9603
	2016	1.1806	1.3747	0.9669
	2017	1.1414	1.2885	0.9735
	2018	1.1035	1.2078	0.9802
6 Point	2015	1.2561	1.5292	0.9809
	2016	1.2086	1.4232	0.9841
	2017	1.1629	1.3247	0.9873
	2018	1.1190	1.2329	0.9905
7 Point	2015	1.3380	1.6328	1.0505
	2016	1.2737	1.5029	1.0418
	2017	1.2126	1.3834	1.0332
	2018	1.1543	1.2734	1.0246
8 Point	2015	1.3817	1.6392	1.1234
	2016	1.3082	1.5078	1.1015
	2017	1.2387	1.3870	1.0801
	2018	1.1728	1.2759	1.0590
9 Point	2015	1.3334	1.5278	1.1295
	2016	1.2701	1.4222	1.1065
	2017	1.2098	1.3239	1.0839
	2018	1.1524	1.2324	1.0619
10 Point	2015	1.3452	1.5006	1.1761
	2016	1.2794	1.4011	1.1443
	2017	1.2169	1.3082	1.1133
	2018	1.1574	1.2215	1.0832

MEDICAL Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-30)
4 Point	2015	0.8721	1.1052	0.6090
	2016	0.8901	1.0713	0.6610
	2017	0.9095	1.0456	0.7180
	2018	0.9303	1.0267	0.7804
5 Point	2015	0.8641	1.0064	0.6904
	2016	0.8836	0.9967	0.7350
	2017	0.9044	0.9912	0.7824
	2018	0.9266	0.9891	0.8329
6 Point	2015	0.8837	1.0298	0.7058
	2016	0.8996	1.0147	0.7487
	2017	0.9170	1.0044	0.7940
	2018	0.9359	0.9984	0.8421
7 Point	2015	0.9226	1.0606	0.7535
	2016	0.9310	1.0381	0.7903
	2017	0.9413	1.0216	0.8289
	2018	0.9536	1.0102	0.8695
8 Point	2015	0.9388	1.0521	0.7983
	2016	0.9439	1.0317	0.8287
	2017	0.9513	1.0170	0.8604
	2018	0.9608	1.0071	0.8936
9 Point	2015	0.9141	1.0034	0.8024
	2016	0.9242	0.9945	0.8321
	2017	0.9360	0.9895	0.8632
	2018	0.9498	0.9879	0.8958
10 Point	2015	0.9148	0.9852	0.8267
	2016	0.9248	0.9803	0.8526
	2017	0.9365	0.9789	0.8797
	2018	0.9501	0.9804	0.9082

MEDICAL Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-30)
4 Point	2015	0.8922	1.1968	0.6126
	2016	0.9096	1.1611	0.6655
	2017	0.9273	1.1262	0.7230
	2018	0.9453	1.0925	0.7854
5 Point	2015	0.8776	1.0540	0.6902
	2016	0.8973	1.0448	0.7348
	2017	0.9172	1.0354	0.7823
	2018	0.9376	1.0263	0.8329
6 Point	2015	0.9028	1.0990	0.7050
	2016	0.9185	1.0816	0.7479
	2017	0.9345	1.0645	0.7934
	2018	0.9508	1.0476	0.8416
7 Point	2015	0.9616	1.1735	0.7550
	2016	0.9680	1.1422	0.7918
	2017	0.9744	1.1117	0.8303
	2018	0.9808	1.0820	0.8706
8 Point	2015	0.9930	1.1781	0.8074
	2016	0.9942	1.1459	0.8371
	2017	0.9954	1.1146	0.8680
	2018	0.9965	1.0841	0.8998
9 Point	2015	0.9583	1.0980	0.8118
	2016	0.9653	1.0809	0.8409
	2017	0.9722	1.0639	0.8710
	2018	0.9792	1.0472	0.9023
10 Point	2015	0.9668	1.0785	0.8453
	2016	0.9723	1.0648	0.8697
	2017	0.9779	1.0513	0.8946
	2018	0.9834	1.0379	0.9204

MEDICAL Linear TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-30)
4 Point	2015	0.3503	0.4568	0.2376
	2016	0.3858	0.5358	0.2424
	2017	0.3583	0.4763	0.2387
	2018	0.3334	0.4464	0.2200
	4 Yr Ave	0.3570	0.4788	0.2347
5 Point	2015	0.3471	0.4159	0.2694
	2016	0.3830	0.4984	0.2695
	2017	0.3562	0.4515	0.2601
	2018	0.3321	0.4301	0.2348
	4 Yr Ave	0.3546	0.4490	0.2585
6 Point	2015	0.3550	0.4256	0.2754
	2016	0.3899	0.5075	0.2745
	2017	0.3612	0.4575	0.2639
	2018	0.3354	0.4341	0.2374
	4 Yr Ave	0.3604	0.4562	0.2628
7 Point	2015	0.3706	0.4383	0.2940
	2016	0.4035	0.5192	0.2898
	2017	0.3708	0.4653	0.2755
	2018	0.3418	0.4392	0.2451
	4 Yr Ave	0.3717	0.4655	0.2761
8 Point	2015	0.3771	0.4348	0.3115
	2016	0.4091	0.5160	0.3039
	2017	0.3747	0.4632	0.2860
	2018	0.3444	0.4379	0.2519
	4 Yr Ave	0.3763	0.4630	0.2883
9 Point	2015	0.3672	0.4147	0.3131
	2016	0.4005	0.4973	0.3051
	2017	0.3687	0.4507	0.2869
	2018	0.3404	0.4295	0.2525
	4 Yr Ave	0.3692	0.4481	0.2894
10 Point	2015	0.3675	0.4072	0.3226
	2016	0.4008	0.4902	0.3126
	2017	0.3689	0.4459	0.2924
	2018	0.3405	0.4263	0.2560
	4 Yr Ave	0.3694	0.4424	0.2959

MEDICAL Expon'l TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-30)
4 Point	2015	0.3584	0.4946	0.2390
	2016	0.3942	0.5807	0.2440
	2017	0.3653	0.5130	0.2403
	2018	0.3388	0.4750	0.2214
	4 Yr Ave	0.3642	0.5158	0.2362
5 Point	2015	0.3525	0.4356	0.2693
	2016	0.3889	0.5225	0.2695
	2017	0.3613	0.4716	0.2600
	2018	0.3360	0.4462	0.2348
	4 Yr Ave	0.3597	0.4690	0.2584
6 Point	2015	0.3627	0.4542	0.2751
	2016	0.3981	0.5409	0.2743
	2017	0.3681	0.4849	0.2637
	2018	0.3408	0.4555	0.2372
	4 Yr Ave	0.3674	0.4839	0.2626
7 Point	2015	0.3863	0.4850	0.2946
	2016	0.4195	0.5712	0.2904
	2017	0.3838	0.5064	0.2760
	2018	0.3515	0.4705	0.2454
	4 Yr Ave	0.3853	0.5083	0.2766
8 Point	2015	0.3989	0.4869	0.3150
	2016	0.4309	0.5731	0.3070
	2017	0.3921	0.5077	0.2885
	2018	0.3571	0.4714	0.2537
	4 Yr Ave	0.3948	0.5098	0.2911
9 Point	2015	0.3849	0.4538	0.3168
	2016	0.4184	0.5406	0.3084
	2017	0.3829	0.4846	0.2895
	2018	0.3509	0.4553	0.2544
	4 Yr Ave	0.3843	0.4836	0.2923
10 Point	2015	0.3884	0.4457	0.3298
	2016	0.4214	0.5325	0.3189
	2017	0.3852	0.4789	0.2974
	2018	0.3525	0.4513	0.2595
	4 Yr Ave	0.3869	0.4771	0.3014

INDEMNITY		(Average)	(Incur)	(Pd-30)
Severity				
Ann. Trend				
4 Point	Linear	-0.2%	0.8%	-1.1%
5 Point	Linear	-1.2%	-0.7%	-1.6%
6 Point	Linear	-2.0%	-2.0%	-2.1%
7 Point	Linear	-1.3%	-1.6%	-1.0%
8 Point	Linear	0.2%	0.0%	0.4%
9 Point	Linear	1.0%	0.7%	1.2%
10 Point	Linear	0.9%	0.5%	1.4%
4 Point	Expon'l	-0.1%	1.0%	-1.1%
5 Point	Expon'l	-0.9%	-0.4%	-1.5%
6 Point	Expon'l	-1.6%	-1.4%	-1.8%
7 Point	Expon'l	-1.0%	-1.1%	-1.0%
8 Point	Expon'l	0.3%	0.3%	0.3%
9 Point	Expon'l	1.1%	1.0%	1.1%
10 Point	Expon'l	1.0%	0.8%	1.2%

MEDICAL		(Average)	(Incur)	(Pd-30)
Severity				
Ann. Trend				
4 Point	Linear	2.7%	6.2%	-3.1%
5 Point	Linear	2.5%	4.6%	-0.7%
6 Point	Linear	2.9%	5.0%	-0.3%
7 Point	Linear	3.7%	5.6%	0.9%
8 Point	Linear	4.1%	5.4%	2.0%
9 Point	Linear	3.5%	4.5%	2.1%
10 Point	Linear	3.6%	4.2%	2.7%
4 Point	Expon'l	3.7%	9.0%	-2.7%
5 Point	Expon'l	3.4%	6.7%	-0.7%
6 Point	Expon'l	3.9%	7.4%	-0.3%
7 Point	Expon'l	5.0%	8.6%	0.8%
8 Point	Expon'l	5.6%	8.7%	2.0%
9 Point	Expon'l	5.0%	7.4%	2.1%
10 Point	Expon'l	5.1%	7.1%	2.8%

INDEMNITY		(Average)	(Incur)	(Pd-30)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-5.6%	-4.6%	-6.6%
5 Point	Linear	-6.4%	-5.8%	-7.0%
6 Point	Linear	-7.1%	-6.9%	-7.4%
7 Point	Linear	-6.5%	-6.5%	-6.5%
8 Point	Linear	-5.3%	-5.2%	-5.3%
9 Point	Linear	-4.6%	-4.6%	-4.6%
10 Point	Linear	-4.6%	-4.8%	-4.5%
4 Point	Expon'l	-5.6%	-4.6%	-6.6%
5 Point	Expon'l	-6.4%	-5.9%	-6.9%
6 Point	Expon'l	-7.0%	-6.8%	-7.2%
7 Point	Expon'l	-6.5%	-6.5%	-6.4%
8 Point	Expon'l	-5.2%	-5.2%	-5.3%
9 Point	Expon'l	-4.5%	-4.6%	-4.5%
10 Point	Expon'l	-4.6%	-4.8%	-4.4%

MEDICAL		(Average)	(Incur)	(Pd-30)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-2.4%	1.4%	-8.2%
5 Point	Linear	-2.5%	-0.1%	-6.2%
6 Point	Linear	-2.2%	0.3%	-5.8%
7 Point	Linear	-1.5%	0.7%	-4.8%
8 Point	Linear	-1.2%	0.6%	-3.8%
9 Point	Linear	-1.6%	-0.1%	-3.8%
10 Point	Linear	-1.6%	-0.4%	-3.3%
4 Point	Expon'l	-1.9%	3.1%	-8.1%
5 Point	Expon'l	-2.2%	0.9%	-6.2%
6 Point	Expon'l	-1.7%	1.6%	-5.9%
7 Point	Expon'l	-0.7%	2.7%	-4.7%
8 Point	Expon'l	-0.1%	2.8%	-3.6%
9 Point	Expon'l	-0.7%	1.6%	-3.5%
10 Point	Expon'l	-0.6%	1.3%	-2.9%