

DELAWARE COMPENSATION RATING BUREAU, INC.

Paid and Incurred Loss Development and Trend – Unlimited 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-eighth and the average of the incurred and paid to twenty-eighth 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 2004 set equal to unity. Staff selected a frequency trend factor of -5.7%. This trend factor is the arithmetic average of the seven-point frequency trend factor (Policy Years 2010 through 2016) and the seven-point frequency trend factor (Policy Years 2008 through 2016 excluding Policy Years 2009 and 2010). 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 (12/1/19). 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 (12/1/19) 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 13-14	PDF 14-15	PDF 15-16	PDF 16-17	4 Year Average	Selected PDF
Beyond	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	1.0000	1.0000	1.0000
25-26	1.0000	1.0000	1.0000	1.0003	1.0001	1.0000
24-25	1.0000	1.0000	1.0002	1.0000	1.0001	1.0000
23-24	1.0000	1.0002	1.0000	1.0000	1.0001	1.0000
22-23	1.0006	1.0000	1.0000	0.9999	1.0001	1.0000
21-22	1.0000	1.0000	1.0001	1.0000	1.0000	1.0000
20-21	1.0000	1.0000	1.0000	1.0001	1.0000	1.0000
19-20	1.0000	1.0000	1.0000	1.0001	1.0000	1.0000
18-19	1.0000	1.0000	1.0000	1.0001	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	1.0001	1.0000	1.0000	1.0000	1.0000
12-13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11-12	1.0002	1.0000	1.0000	1.0000	1.0001	1.0000
10-11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9-10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8-9	1.0000	1.0000	1.0000	0.9996	0.9999	0.9999
7-8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
6-7	1.0000	1.0000	1.0000	0.9999	1.0000	1.0000
5-6	1.0000	1.0058	0.9999	1.0000	1.0014	1.0014
4-5	0.9999	1.0020	1.0003	1.0013	1.0009	1.0009
3-4	1.0012	0.9978	1.0001	1.0002	0.9998	0.9998
2-3	0.9996	1.0031	0.9983	0.9990	1.0000	1.0000
1-2	1.0016	1.0069	1.0122	1.0063	1.0068	1.0068

PREMIUMS	Policy Year	Reported SEP	Cum PDF	Ultimate SEP	On-Level Factor	ECRF	DCCPAP Factor
Beyond	1989	104,442,681	1.0000	104,442,681	1.1789	0.9919	1.0000
27-28	1990	92,833,140	1.0000	92,833,140	1.1789	0.9915	1.0037
26-27	1991	89,533,308	1.0000	89,533,308	1.1789	0.9913	1.0083
25-26	1992	79,863,507	1.0000	79,863,507	1.1789	0.9914	1.0137
24-25	1993	81,895,850	1.0000	81,895,850	1.1789	0.9914	1.0144
23-24	1994	76,337,668	1.0000	76,337,668	1.2252	0.9942	1.0129
22-23	1995	72,331,061	1.0000	72,331,061	1.3144	0.9971	1.0112
21-22	1996	76,268,713	1.0000	76,268,713	1.3181	0.9973	1.0131
20-21	1997	78,161,683	1.0000	78,161,683	1.2542	0.9979	1.0081
19-20	1998	79,684,328	1.0000	79,684,328	1.1575	0.9986	1.0001
18-19	1999	75,115,489	1.0000	75,115,489	1.3336	0.9989	0.9959
17-18	2000	83,259,711	1.0000	83,259,711	1.3163	0.9988	0.9929
16-17	2001	85,779,747	1.0000	85,779,747	1.3841	0.9982	0.9956
15-16	2002	109,168,747	1.0000	109,168,747	1.1600	0.9976	0.9982
14-15	2003	124,793,465	1.0000	124,793,465	1.0882	0.9966	1.0010
13-14	2004	148,555,560	1.0000	148,555,560	1.1321	0.9963	0.9999
12-13	2005	180,998,505	1.0000	180,998,505	0.9955	0.9968	0.9985
11-12	2006	200,297,431	1.0000	200,297,431	0.9509	0.9975	0.9960
10-11	2007	194,794,662	1.0000	194,794,662	0.9762	0.9977	0.9974
9-10	2008	146,412,868	1.0000	146,412,868	1.3172	0.9974	0.9989
8-9	2009	115,152,826	0.9999	115,141,311	1.6406	0.9971	1.0147
7-8	2010	103,608,768	0.9999	103,598,407	1.7849	0.9970	1.0141
6-7	2011	103,516,108	0.9999	103,505,756	1.7974	0.9968	1.0145
5-6	2012	112,746,890	1.0013	112,893,461	1.5422	0.9966	1.0156
4-5	2013	131,778,597	1.0022	132,068,510	1.2577	0.9966	1.0139
3-4	2014	144,634,010	1.0020	144,923,278	1.1431	0.9967	1.0141
2-3	2015	144,196,548	1.0020	144,484,941	1.2617	0.9965	1.0155
1-2	2016	162,955,874	1.0088	164,389,886	1.1936	0.9967	1.0155

PREMIUMS	Policy Year	Other Adjustments	On-Level SEP
	1989	1.0000	122,130,144
	1990	1.0000	108,912,230
	1991	1.0000	105,500,975
	1992	1.0000	94,620,166
	1993	1.0000	97,095,034
	1994	1.0000	94,187,029
	1995	1.0000	95,857,956
	1996	1.0000	101,571,745
	1997	1.0000	98,616,898
	1998	1.0000	92,114,692
	1999	1.0000	99,653,563
	2000	1.0000	108,686,055
	2001	1.0000	117,992,576
	2002	1.0000	126,104,423
	2003	1.0000	135,473,866
	2004	1.0000	167,540,729
	2005	1.0000	179,338,012
	2006	1.0000	189,226,723
	2007	1.0000	189,227,909
	2008	1.0000	192,142,018
	2009	1.0000	191,121,812
	2010	1.0000	186,957,507
	2011	1.0000	188,134,880
	2012	1.0000	176,219,133
	2013	1.0000	167,838,792
	2014	1.0000	167,443,238
	2015	1.0000	184,474,320
	2016	1.0000	198,599,564

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	4 Year Average LDF	Selected Incurred LDF
Beyond	1.0007	0.9823	1.0026	1.0081	0.9983	1.0184	1.0069	1.0069
27-28			1.0013	1.0007	0.9988	0.9977	0.9996	1.0011
26-27		0.9996	1.0011	1.0032	0.9968	1.0032	1.0011	1.0011
25-26	1.0013	0.9911	1.0026	1.0006	0.9997	0.9990	1.0005	1.0011
24-25	1.0048	1.0059	1.0101	1.0207	0.9957	0.9996	1.0065	1.0011
23-24	1.0017	1.0156	0.9998	1.0009	1.0011	1.0007	1.0006	1.0012
22-23	1.0007	1.0032	1.0119	1.0027	1.0004	1.0057	1.0052	1.0012
21-22	0.9996	0.9996	1.0002	1.0036	0.9964	1.0007	1.0002	1.0012
20-21	0.9983	0.9996	1.0037	1.0137	0.9998	1.0007	1.0045	1.0013
19-20	0.9995	0.9901	0.9932	0.9999	1.0010	1.0016	0.9989	1.0013
18-19	1.0123	1.0251	1.0174	1.0015	1.0013	1.0003	1.0051	1.0014
17-18	0.9812	1.0006	0.9951	0.9814	1.0023	1.0035	0.9956	1.0015
16-17	1.0003	1.0014	0.9985	1.0040	1.0021	0.9993	1.0010	1.0016
15-16	1.0059	0.9991	1.0016	1.0015	0.9994	1.0003	1.0007	1.0018
14-15	1.0042	0.9980	0.9956	0.9997	1.0000	1.0000	0.9988	1.0021
13-14	1.0053	0.9965	1.0003	1.0003	1.0004	0.9988	1.0006	1.0024
12-13	1.0256	1.0201	1.0023	0.9937	1.0018	0.9924	0.9976	1.0028
11-12	0.9982	1.0026	1.0085	1.0013	1.0060	1.0062	1.0055	1.0034
10-11	1.0002	1.0033	1.0233	1.0030	0.9981	0.9970	1.0054	1.0042
9-10	1.0120	1.0080	1.0077	1.0014	1.0095	0.9961	1.0037	1.0054
8-9	1.0122	1.0029	1.0032	1.0162	1.0070	1.0080	1.0086	1.0070
7-8	1.0219	1.0058	1.0129	1.0142	1.0069	1.0126	1.0117	1.0094
6-7	1.0051	1.0321	1.0376	1.0058	1.0137	1.0338	1.0227	1.0132
5-6	1.0148	1.0288	1.0329	1.0046	1.0229	1.0098	1.0176	1.0194
4-5	1.0177	1.0532	1.0535	0.9815	1.0240	1.0266	1.0214	1.0304
3-4	1.0364	1.0617	1.0599	1.0377	1.0863	1.0419	1.0565	1.0525
2-3	1.2597	1.2546	1.1019	1.1081	1.1258	1.0990	1.1087	1.1091
1-2	1.3262	1.2877	1.3206	1.2848	1.2679	1.4373	1.3277	1.3277

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	4 Year Average LDF	Selected Paid LDF
27-28			1.0024	1.0023	1.0014	1.0119	1.0045	1.0043
26-27		1.0013	1.0026	1.0073	1.0023	1.0036	1.0040	1.0044
25-26	1.0027	0.9864	1.0022	1.0066	1.0035	1.0029	1.0038	1.0045
24-25	1.0016	1.0080	1.0053	1.0041	1.0013	1.0006	1.0028	1.0047
23-24	1.0024	1.0083	1.0033	1.0065	1.0015	1.0036	1.0037	1.0049
22-23	1.0045	1.0067	1.0239	1.0007	1.0021	1.0025	1.0073	1.0051
21-22	1.0034	1.0034	1.0006	1.0058	1.0172	1.0025	1.0065	1.0054
20-21	1.0058	1.0010	1.0097	1.0037	1.0024	1.0025	1.0046	1.0057
19-20	1.0087	1.0032	1.0473	1.0026	1.0028	1.0057	1.0146	1.0061
18-19	1.0076	1.0030	1.0013	1.0033	1.0029	1.0071	1.0037	1.0065
17-18	1.0055	1.0042	1.0035	1.0038	1.0027	1.0046	1.0037	1.0070
16-17	1.0030	1.0128	1.0089	1.0165	1.0109	1.0129	1.0123	1.0077
15-16	1.0113	1.0136	1.0101	1.0014	1.0025	1.0022	1.0041	1.0084
14-15	1.0140	1.0028	1.0079	1.0080	1.0055	1.0020	1.0059	1.0094
13-14	1.0101	1.0254	1.0086	1.0094	1.0032	1.0096	1.0077	1.0106
12-13	1.0106	1.0121	1.0112	1.0113	1.0076	1.0069	1.0093	1.0121
11-12	1.0108	1.0126	1.0375	1.0079	1.0065	1.0064	1.0146	1.0142
10-11	1.0114	1.0184	1.0340	1.0095	1.0275	1.0151	1.0215	1.0169
9-10	1.0146	1.0193	1.0174	1.0181	1.0232	1.0114	1.0175	1.0206
8-9	1.0202	1.0350	1.0279	1.0422	1.0393	1.0217	1.0328	1.0258
7-8	1.0295	1.0347	1.0547	1.0204	1.0180	1.0716	1.0412	1.0336
6-7	1.0336	1.0528	1.0310	1.0411	1.0591	1.0544	1.0464	1.0458
5-6	1.0765	1.0797	1.0540	1.0904	1.0551	1.0548	1.0636	1.0664
4-5	1.1236	1.1179	1.1210	1.0893	1.0540	1.0945	1.0897	1.1048
3-4	1.2038	1.1856	1.2023	1.1606	1.2363	1.1949	1.1985	1.1877
2-3	1.5144	1.5790	1.3949	1.4466	1.3849	1.4110	1.4094	1.4110
1-2	1.9083	2.0197	2.0411	1.8261	1.9351	2.0925	1.9737	1.9737

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	4 Year Average LDF	Selected Pd-Incur LDF
27-28			1.0334	1.0311	1.0086	1.0440	1.0293	1.0293
26-27		1.0343	1.0329	1.0171	1.0488	1.0495	1.0371	1.0371
25-26	1.0374	1.0199	1.0160	1.0591	1.0495	1.0266	1.0378	1.0378
24-25	1.0306	1.0206	1.0634	1.0541	1.0290	1.0078	1.0386	1.0386
23-24	1.0168	1.0600	1.0356	1.0401	1.0097	1.0270	1.0281	1.0281
22-23	1.0484	1.0405	1.0634	1.0093	1.0284	1.0397	1.0352	1.0352
21-22	1.0407	1.0506	1.0073	1.0340	1.0516	1.0497	1.0357	1.0357
20-21	1.0571	1.0076	1.0383	1.0593	1.0514	1.0291	1.0445	1.0445
19-20	1.0167	1.0358	1.0922	1.0544	1.0311	1.0564	1.0585	1.0585
18-19	1.0540	1.0921	1.0554	1.0335	1.0575	1.0220	1.0421	1.0421
17-18	1.0711	1.0394	1.0351	1.0602	1.0244	1.0084	1.0320	1.0320
16-17	1.0416	1.0557	1.0944	1.0390	1.0158	1.0474	1.0492	1.0492
15-16	1.0660	1.1062	1.0421	1.0151	1.0507	1.0245	1.0331	1.0331
14-15	1.1219	1.0397	1.0206	1.0598	1.0297	1.0330	1.0358	1.0358
13-14	1.0519	1.0525	1.0771	1.0393	1.0363	1.0531	1.0515	1.0515
12-13	1.0667	1.0946	1.0486	1.0476	1.0618	1.0377	1.0489	1.0489
11-12	1.0834	1.0693	1.0987	1.0682	1.0524	1.0298	1.0623	1.0623
10-11	1.0773	1.1090	1.1069	1.0561	1.0504	1.0603	1.0684	1.0684
9-10	1.1169	1.1016	1.0713	1.0714	1.0876	1.0939	1.0811	1.0811
8-9	1.1147	1.0976	1.0998	1.1227	1.1413	1.0752	1.1098	1.1098
7-8	1.1268	1.1374	1.1646	1.1556	1.0858	1.1645	1.1426	1.1426
6-7	1.1687	1.2059	1.1743	1.1211	1.2176	1.1467	1.1649	1.1649
5-6	1.2569	1.2235	1.1749	1.3168	1.1703	1.1407	1.2007	1.2007
4-5	1.3363	1.2809	1.4695	1.2451	1.1903	1.2541	1.2898	1.2898
3-4	1.4657	1.6602	1.5264	1.3498	1.5089	1.4301	1.4538	1.4538
2-3	2.3682	2.3606	1.8147	2.0065	1.9002	1.7855	1.8767	1.8767
1-2	3.5906	3.3401	3.6949	3.0769	3.1646	3.1290	3.2664	3.2664

INDEMNITY	Policy Year	Incurred LDF	Paid to 28th LDF
Beyond	1989	1.0069	1.0069
27-28	1990	1.0011	1.0293
26-27	1991	1.0011	1.0044
25-26	1992	1.0011	1.0045
24-25	1993	1.0011	1.0047
23-24	1994	1.0012	1.0049
22-23	1995	1.0012	1.0051
21-22	1996	1.0012	1.0054
20-21	1997	1.0013	1.0057
19-20	1998	1.0013	1.0061
18-19	1999	1.0014	1.0065
17-18	2000	1.0015	1.0070
16-17	2001	1.0016	1.0077
15-16	2002	1.0018	1.0084
14-15	2003	1.0021	1.0094
13-14	2004	1.0024	1.0106
12-13	2005	1.0028	1.0121
11-12	2006	1.0034	1.0142
10-11	2007	1.0042	1.0169
9-10	2008	1.0054	1.0206
8-9	2009	1.0070	1.0258
7-8	2010	1.0094	1.0336
6-7	2011	1.0132	1.0458
5-6	2012	1.0194	1.0664
4-5	2013	1.0304	1.1048
3-4	2014	1.0525	1.1877
2-3	2015	1.1091	1.4110
1-2	2016	1.3277	1.9737

INDEMNITY	Policy Year	Incurred Cum LDF	Paid to 28th Cum LDF
Beyond	1989	1.0069	1.0069
27-28	1990	1.0080	1.0364
26-27	1991	1.0091	1.0410
25-26	1992	1.0102	1.0456
24-25	1993	1.0113	1.0506
23-24	1994	1.0126	1.0557
22-23	1995	1.0138	1.0611
21-22	1996	1.0150	1.0668
20-21	1997	1.0163	1.0729
19-20	1998	1.0176	1.0794
18-19	1999	1.0190	1.0865
17-18	2000	1.0206	1.0941
16-17	2001	1.0222	1.1025
15-16	2002	1.0240	1.1118
14-15	2003	1.0262	1.1222
13-14	2004	1.0287	1.1341
12-13	2005	1.0315	1.1478
11-12	2006	1.0351	1.1641
10-11	2007	1.0394	1.1838
9-10	2008	1.0450	1.2082
8-9	2009	1.0523	1.2394
7-8	2010	1.0622	1.2810
6-7	2011	1.0762	1.3397
5-6	2012	1.0971	1.4286
4-5	2013	1.1305	1.5783
3-4	2014	1.1898	1.8746
2-3	2015	1.3196	2.6451
1-2	2016	1.7521	5.2205

INDEMNITY	Policy Year	Benefit Level Factor	LAE
Beyond	1989	1.5252	1.2174
27-28	1990	1.4971	1.2174
26-27	1991	1.4790	1.2174
25-26	1992	1.4606	1.2174
24-25	1993	1.4387	1.2174
23-24	1994	1.4206	1.2174
22-23	1995	1.3975	1.2174
21-22	1996	1.3698	1.2174
20-21	1997	1.3435	1.2174
19-20	1998	1.3144	1.2174
18-19	1999	1.2837	1.2174
17-18	2000	1.2521	1.2174
16-17	2001	1.2230	1.2174
15-16	2002	1.1956	1.2174
14-15	2003	1.1666	1.2174
13-14	2004	1.1529	1.2174
12-13	2005	1.1371	1.2174
11-12	2006	1.1136	1.2174
10-11	2007	1.0843	1.2174
9-10	2008	1.0660	1.2174
8-9	2009	1.0620	1.2174
7-8	2010	1.0648	1.2174
6-7	2011	1.0681	1.2174
5-6	2012	1.0528	1.2174
4-5	2013	1.0304	1.2174
3-4	2014	1.0185	1.2174
2-3	2015	1.0170	1.2174
1-2	2016	1.0016	1.2174

INDEMNITY		Policy Year	Incurred Base	Paid to 28th Base
Beyond	1989		34,156,290	34,156,290
27-28	1990		33,011,004	31,567,995
26-27	1991		29,563,321	28,882,441
25-26	1992		26,662,852	26,472,421
24-25	1993		30,035,734	29,352,977
23-24	1994		22,017,640	21,229,827
22-23	1995		24,336,932	23,243,195
21-22	1996		29,234,366	28,477,959
20-21	1997		29,475,063	28,060,875
19-20	1998		23,818,994	23,472,107
18-19	1999		27,473,612	27,370,943
17-18	2000		36,200,411	35,006,890
16-17	2001		30,305,169	29,645,358
15-16	2002		35,064,308	34,010,027
14-15	2003		37,142,810	35,609,512
13-14	2004		40,079,496	38,889,289
12-13	2005		39,187,972	38,297,908
11-12	2006		43,031,559	41,198,216
10-11	2007		41,419,582	38,294,878
9-10	2008		36,546,979	34,726,503
8-9	2009		42,029,947	38,679,498
7-8	2010		38,417,664	35,322,728
6-7	2011		36,672,267	33,909,641
5-6	2012		35,230,785	30,748,910
4-5	2013		36,079,815	30,147,559
3-4	2014		28,312,140	22,373,935
2-3	2015		32,166,908	21,511,965
1-2	2016		20,313,541	7,974,583

INDEMNITY		Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-28)
Beyond	1989		34,391,968	34,391,968	34,391,968
27-28	1990		32,996,081	33,275,092	32,717,070
26-27	1991		29,949,484	29,832,347	30,066,621
25-26	1992		27,307,188	26,934,813	27,679,563
24-25	1993		30,606,688	30,375,138	30,838,238
23-24	1994		22,353,695	22,295,062	22,412,328
22-23	1995		24,668,068	24,672,782	24,663,354
21-22	1996		30,026,584	29,672,881	30,380,287
20-21	1997		30,031,010	29,955,507	30,106,513
19-20	1998		24,787,000	24,238,208	25,335,792
18-19	1999		28,867,071	27,995,611	29,738,530
17-18	2000		37,623,589	36,946,139	38,301,038
16-17	2001		31,830,976	30,977,944	32,684,007
15-16	2002		36,859,100	35,905,851	37,812,348
14-15	2003		39,038,473	38,115,952	39,960,994
13-14	2004		42,667,061	41,229,778	44,104,343
12-13	2005		42,190,366	40,422,393	43,958,339
11-12	2006		46,250,405	44,541,967	47,958,843
10-11	2007		44,192,496	43,051,514	45,333,477
9-10	2008		40,074,077	38,191,593	41,956,561
8-9	2009		46,083,742	44,228,113	47,939,370
7-8	2010		43,027,829	40,807,243	45,248,415
6-7	2011		42,447,720	39,466,694	45,428,746
5-6	2012		41,289,794	38,651,694	43,927,893
4-5	2013		44,185,062	40,788,231	47,581,892
3-4	2014		37,813,982	33,685,784	41,942,179
2-3	2015		49,674,376	42,447,452	56,901,299
1-2	2016		38,611,333	35,591,355	41,631,311

INDEMNITY		Policy Year	Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-28)
Beyond	1989		63,858,266	63,858,266	63,858,266
27-28	1990		60,137,652	60,646,169	59,629,135
26-27	1991		53,925,082	53,714,173	54,135,991
25-26	1992		48,555,851	47,893,719	49,217,984
24-25	1993		53,606,799	53,201,246	54,012,353
23-24	1994		38,659,339	38,557,937	38,760,742
22-23	1995		41,968,191	41,976,211	41,960,171
21-22	1996		50,072,167	49,482,334	50,662,000
20-21	1997		49,118,026	48,994,535	49,241,517
19-20	1998		39,662,932	38,784,782	40,541,082
18-19	1999		45,112,777	43,750,880	46,474,672
17-18	2000		57,349,883	56,317,241	58,382,523
16-17	2001		47,392,510	46,122,447	48,662,571
15-16	2002		53,649,284	52,261,808	55,036,759
14-15	2003		55,443,175	54,132,993	56,753,357
13-14	2004		59,884,946	57,867,662	61,902,230
12-13	2005		58,404,357	55,956,943	60,851,772
11-12	2006		62,701,519	60,385,395	65,017,642
10-11	2007		58,335,280	56,829,153	59,841,405
9-10	2008		52,006,069	49,563,079	54,449,060
8-9	2009		59,580,693	57,181,590	61,979,795
7-8	2010		55,776,438	52,897,920	58,654,956
6-7	2011		55,194,980	51,318,737	59,071,223
5-6	2012		52,920,250	49,539,054	56,301,446
4-5	2013		55,426,138	51,165,122	59,687,152
3-4	2014		46,886,384	41,767,741	52,005,026
2-3	2015		61,501,636	52,554,012	70,449,259
1-2	2016		47,080,645	43,398,242	50,763,049

INDEMNITY		Ultimate	Ultimate	Ultimate
Policy	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio
Year	(Avg Pd & Inc)	(Incur)	(Pd-28)	
1989	0.5229	0.5229	0.5229	
1990	0.5522	0.5568	0.5475	
1991	0.5111	0.5091	0.5131	
1992	0.5132	0.5062	0.5202	
1993	0.5521	0.5479	0.5563	
1994	0.4105	0.4094	0.4115	
1995	0.4378	0.4379	0.4377	
1996	0.4930	0.4872	0.4988	
1997	0.4981	0.4968	0.4993	
1998	0.4306	0.4210	0.4401	
1999	0.4527	0.4390	0.4664	
2000	0.5277	0.5182	0.5372	
2001	0.4017	0.3909	0.4124	
2002	0.4254	0.4144	0.4364	
2003	0.4093	0.3996	0.4189	
2004	0.3574	0.3454	0.3695	
2005	0.3257	0.3120	0.3393	
2006	0.3314	0.3191	0.3436	
2007	0.3083	0.3003	0.3162	
2008	0.2707	0.2580	0.2834	
2009	0.3117	0.2992	0.3243	
2010	0.2983	0.2829	0.3137	
2011	0.2934	0.2728	0.3140	
2012	0.3003	0.2811	0.3195	
2013	0.3302	0.3048	0.3556	
2014	0.2800	0.2494	0.3106	
2015	0.3334	0.2849	0.3819	
2016	0.2371	0.2185	0.2556	

INDEMNITY FREQUENCY		Claim	Normalized	Trend	Selected Ann	Trend Period	Trend	Combined
Policy	Frequency	Frequency	Frequency	Factor	Trend	# Years	1/1/17-12/1/19	Trend Factor
Year				to 1/1/17				
					-5.7%	1		
					-5.7%	1		
					-5.7%	1		
					-5.7%	0.9167		
2004	11.92	1.0000						
2005	10.66	0.8943						
2006	10.01	0.8398						
2007	9.30	0.7802						
2008	8.23	0.6904						
2009	8.18	0.6862						
2010	8.18	0.6862						
2011	7.66	0.6426						
2012	6.87	0.5763						
2013	7.20	0.6040		0.8391			0.8432	0.7075
2014	6.18	0.5185		0.8896			0.8432	0.7501
2015	6.49	0.5445		0.9432			0.8432	0.7953
2016*	5.50	0.4614		1.0000			0.8432	0.8432

* Adjusted to a full Policy Year

INDEMNITY SEVERITY RATIOS	Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-28)
	2004	0.3574	0.3454	0.3695
	2005	0.3642	0.3489	0.3794
	2006	0.3946	0.3800	0.4092
	2007	0.3952	0.3849	0.4053
	2008	0.3921	0.3737	0.4105
	2009	0.4542	0.4360	0.4726
	2010	0.4347	0.4122	0.4571
	2011	0.4566	0.4245	0.4886
	2012	0.5210	0.4877	0.5544
	2013	0.5467	0.5046	0.5887
	2014	0.5401	0.4810	0.5991
	2015	0.6123	0.5233	0.7014
	2016	0.5139	0.4735	0.5540

INDEMNITY Linear FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	2013	0.5572	0.5033	0.6111
	2014	0.5546	0.4982	0.6109
	2015	0.5519	0.4931	0.6107
	2016	0.5493	0.4880	0.6105
5 Point	2012	0.5365	0.4960	0.5771
	2013	0.5417	0.4950	0.5883
	2014	0.5468	0.4940	0.5995
	2015	0.5519	0.4931	0.6107
	2016	0.5571	0.4921	0.6219
6 Point	2011	0.4922	0.4590	0.5254
	2012	0.5080	0.4684	0.5477
	2013	0.5239	0.4777	0.5699
	2014	0.5397	0.4871	0.5922
	2015	0.5555	0.4965	0.6144
	2016	0.5713	0.5059	0.6366
7 Point	2010	0.4570	0.4322	0.4818
	2011	0.4773	0.4456	0.5090
	2012	0.4976	0.4590	0.5362
	2013	0.5179	0.4724	0.5633
	2014	0.5382	0.4858	0.5905
	2015	0.5585	0.4992	0.6177
	2016	0.5788	0.5126	0.6449
8 Point	2009	0.4440	0.4260	0.4621
	2010	0.4629	0.4380	0.4878
	2011	0.4817	0.4499	0.5135
	2012	0.5005	0.4619	0.5391
	2013	0.5194	0.4738	0.5648
	2014	0.5382	0.4858	0.5905
	2015	0.5570	0.4977	0.6162
	2016	0.5759	0.5097	0.6419
9 Point	2008	0.4127	0.3988	0.4266
	2009	0.4337	0.4134	0.4540
	2010	0.4548	0.4281	0.4815
	2011	0.4758	0.4427	0.5089
	2012	0.4968	0.4574	0.5363
	2013	0.5179	0.4720	0.5637
	2014	0.5389	0.4867	0.5911
	2015	0.5600	0.5013	0.6185
	2016	0.5810	0.5160	0.6459
10 Point	2007	0.3929	0.3844	0.4013
	2008	0.4137	0.3990	0.4284
	2009	0.4346	0.4136	0.4555
	2010	0.4554	0.4282	0.4826
	2011	0.4763	0.4428	0.5096
	2012	0.4971	0.4574	0.5367
	2013	0.5179	0.4720	0.5638
	2014	0.5388	0.4867	0.5909
	2015	0.5596	0.5013	0.6179
	2016	0.5805	0.5159	0.6450

INDEMNITY Linear TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	Fitted	0.5417	0.4731	0.6100
5 Point	Fitted	0.5721	0.4893	0.6545
6 Point	Fitted	0.6175	0.5332	0.7015
7 Point	Fitted	0.6379	0.5516	0.7241
8 Point	Fitted	0.6308	0.5446	0.7168
9 Point	Fitted	0.6424	0.5587	0.7258
10 Point	Fitted	0.6413	0.5585	0.7240
INDEMNITY Linear Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-28)
4 Point	2013	0.9722	0.9400	0.9983
	2014	0.9768	0.9497	0.9986
	2015	0.9814	0.9595	0.9988
	2016	0.9861	0.9695	0.9991
5 Point	2013	1.0561	0.9884	1.1125
	2014	1.0462	0.9903	1.0918
	2015	1.0365	0.9923	1.0718
	2016	1.0269	0.9943	1.0525
6 Point	2013	1.1787	1.1161	1.2309
	2014	1.1442	1.0946	1.1847
	2015	1.1116	1.0740	1.1418
	2016	1.0808	1.0541	1.1019
7 Point	2013	1.2318	1.1677	1.2855
	2014	1.1854	1.1355	1.2263
	2015	1.1423	1.1050	1.1723
	2016	1.1022	1.0762	1.1229
8 Point	2013	1.2146	1.1493	1.2690
	2014	1.1721	1.1210	1.2138
	2015	1.1324	1.0941	1.1632
	2016	1.0954	1.0684	1.1167
9 Point	2013	1.2404	1.1836	1.2877
	2014	1.1920	1.1480	1.2280
	2015	1.1472	1.1144	1.1736
	2016	1.1056	1.0828	1.1238
10 Point	2013	1.2381	1.1831	1.2842
	2014	1.1902	1.1476	1.2253
	2015	1.1459	1.1141	1.1716
	2016	1.1047	1.0826	1.1224

INDEMNITY Expon'l FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	2013	0.5571	0.5032	0.6107
	2014	0.5538	0.4979	0.6092
	2015	0.5504	0.4926	0.6077
	2016	0.5471	0.4874	0.6062
5 Point	2012	0.5364	0.4959	0.5768
	2013	0.5411	0.4948	0.5869
	2014	0.5457	0.4937	0.5972
	2015	0.5504	0.4926	0.6077
	2016	0.5552	0.4915	0.6183
6 Point	2011	0.4910	0.4576	0.5244
	2012	0.5062	0.4670	0.5451
	2013	0.5218	0.4766	0.5665
	2014	0.5379	0.4863	0.5888
	2015	0.5545	0.4963	0.6120
	2016	0.5716	0.5065	0.6361
7 Point	2010	0.4565	0.4312	0.4819
	2011	0.4752	0.4441	0.5063
	2012	0.4947	0.4573	0.5318
	2013	0.5150	0.4709	0.5586
	2014	0.5361	0.4849	0.5868
	2015	0.5581	0.4993	0.6163
	2016	0.5810	0.5141	0.6474
8 Point	2009	0.4450	0.4259	0.4645
	2010	0.4619	0.4371	0.4867
	2011	0.4794	0.4486	0.5100
	2012	0.4976	0.4604	0.5344
	2013	0.5165	0.4725	0.5600
	2014	0.5361	0.4849	0.5868
	2015	0.5565	0.4976	0.6148
	2016	0.5776	0.5107	0.6442
9 Point	2008	0.4145	0.3989	0.4306
	2009	0.4328	0.4122	0.4535
	2010	0.4519	0.4260	0.4777
	2011	0.4719	0.4403	0.5031
	2012	0.4927	0.4550	0.5299
	2013	0.5145	0.4703	0.5581
	2014	0.5372	0.4860	0.5878
	2015	0.5609	0.5023	0.6190
	2016	0.5857	0.5191	0.6520
10 Point	2007	0.3964	0.3856	0.4076
	2008	0.4140	0.3986	0.4295
	2009	0.4323	0.4120	0.4526
	2010	0.4515	0.4258	0.4769
	2011	0.4716	0.4401	0.5025
	2012	0.4925	0.4549	0.5295
	2013	0.5144	0.4702	0.5580
	2014	0.5373	0.4861	0.5879
	2015	0.5611	0.5024	0.6195
	2016	0.5860	0.5193	0.6528

INDEMNITY Expon'l TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	Fitted	0.5376	0.4724	0.6019
5 Point	Fitted	0.5693	0.4882	0.6505
6 Point	Fitted	0.6245	0.5373	0.7119
7 Point	Fitted	0.6532	0.5600	0.7473
8 Point	Fitted	0.6439	0.5509	0.7383
9 Point	Fitted	0.6643	0.5714	0.7584
10 Point	Fitted	0.6652	0.5719	0.7605
INDEMNITY Expon'l Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-28)
4 Point	2013	0.9650	0.9389	0.9855
	2014	0.9709	0.9490	0.9880
	2015	0.9767	0.9591	0.9904
	2016	0.9826	0.9694	0.9928
5 Point	2013	1.0521	0.9867	1.1083
	2014	1.0431	0.9889	1.0892
	2015	1.0342	0.9911	1.0704
	2016	1.0254	0.9934	1.0520
6 Point	2013	1.1969	1.1275	1.2566
	2014	1.1611	1.1048	1.2090
	2015	1.1264	1.0827	1.1632
	2016	1.0927	1.0609	1.1192
7 Point	2013	1.2683	1.1893	1.3378
	2014	1.2184	1.1550	1.2736
	2015	1.1704	1.1216	1.2125
	2016	1.1243	1.0892	1.1543
8 Point	2013	1.2466	1.1659	1.3185
	2014	1.2010	1.1361	1.2583
	2015	1.1571	1.1070	1.2008
	2016	1.1148	1.0786	1.1460
9 Point	2013	1.2913	1.2151	1.3591
	2014	1.2367	1.1758	1.2904
	2015	1.1844	1.1377	1.2252
	2016	1.1343	1.1008	1.1633
10 Point	2013	1.2932	1.2162	1.3629
	2014	1.2382	1.1766	1.2934
	2015	1.1855	1.1383	1.2275
	2016	1.1351	1.1013	1.1649

INDEMNITY Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-28)
4 Point	2013	0.6878	0.6651	0.7063
	2014	0.7327	0.7124	0.7490
	2015	0.7805	0.7631	0.7943
	2016	0.8315	0.8175	0.8424
5 Point	2013	0.7472	0.6993	0.7871
	2014	0.7848	0.7428	0.8190
	2015	0.8243	0.7892	0.8524
	2016	0.8659	0.8384	0.8875
6 Point	2013	0.8339	0.7896	0.8709
	2014	0.8583	0.8211	0.8886
	2015	0.8841	0.8542	0.9081
	2016	0.9113	0.8888	0.9291
7 Point	2013	0.8715	0.8261	0.9095
	2014	0.8892	0.8517	0.9198
	2015	0.9085	0.8788	0.9323
	2016	0.9294	0.9075	0.9468
8 Point	2013	0.8593	0.8131	0.8978
	2014	0.8792	0.8409	0.9105
	2015	0.9006	0.8701	0.9251
	2016	0.9236	0.9009	0.9416
9 Point	2013	0.8776	0.8374	0.9110
	2014	0.8941	0.8611	0.9211
	2015	0.9124	0.8863	0.9334
	2016	0.9322	0.9130	0.9476
10 Point	2013	0.8760	0.8370	0.9086
	2014	0.8928	0.8608	0.9191
	2015	0.9113	0.8860	0.9318
	2016	0.9315	0.9128	0.9464

INDEMNITY Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-28)
4 Point	2013	0.6827	0.6643	0.6972
	2014	0.7283	0.7118	0.7411
	2015	0.7768	0.7628	0.7877
	2016	0.8285	0.8174	0.8371
5 Point	2013	0.7444	0.6981	0.7841
	2014	0.7824	0.7418	0.8170
	2015	0.8225	0.7882	0.8513
	2016	0.8646	0.8376	0.8870
6 Point	2013	0.8468	0.7977	0.8890
	2014	0.8709	0.8287	0.9069
	2015	0.8958	0.8611	0.9251
	2016	0.9214	0.8946	0.9437
7 Point	2013	0.8973	0.8414	0.9465
	2014	0.9139	0.8664	0.9553
	2015	0.9308	0.8920	0.9643
	2016	0.9480	0.9184	0.9733
8 Point	2013	0.8820	0.8249	0.9328
	2014	0.9009	0.8522	0.9439
	2015	0.9202	0.8804	0.9550
	2016	0.9400	0.9095	0.9663
9 Point	2013	0.9136	0.8597	0.9616
	2014	0.9276	0.8820	0.9679
	2015	0.9420	0.9048	0.9744
	2016	0.9564	0.9282	0.9809
10 Point	2013	0.9149	0.8605	0.9643
	2014	0.9288	0.8826	0.9702
	2015	0.9428	0.9053	0.9762
	2016	0.9571	0.9286	0.9822

INDEMNITY Linear TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-28)
4 Point	2013	0.2271	0.2027	0.2512
	2014	0.2052	0.1777	0.2326
	2015	0.2602	0.2174	0.3033
	2016	0.1971	0.1786	0.2153
	4 Yr Ave	0.2224	0.1941	0.2506
5 Point	2013	0.2467	0.2131	0.2799
	2014	0.2197	0.1853	0.2544
	2015	0.2748	0.2248	0.3255
	2016	0.2053	0.1832	0.2268
	4 Yr Ave	0.2366	0.2016	0.2717
6 Point	2013	0.2754	0.2407	0.3097
	2014	0.2403	0.2048	0.2760
	2015	0.2948	0.2434	0.3468
	2016	0.2161	0.1942	0.2375
	4 Yr Ave	0.2567	0.2208	0.2925
7 Point	2013	0.2878	0.2518	0.3234
	2014	0.2490	0.2124	0.2857
	2015	0.3029	0.2504	0.3560
	2016	0.2204	0.1983	0.2420
	4 Yr Ave	0.2650	0.2282	0.3018
8 Point	2013	0.2837	0.2478	0.3193
	2014	0.2462	0.2097	0.2828
	2015	0.3003	0.2479	0.3533
	2016	0.2190	0.1968	0.2407
	4 Yr Ave	0.2623	0.2256	0.2990
9 Point	2013	0.2898	0.2552	0.3240
	2014	0.2503	0.2148	0.2861
	2015	0.3042	0.2525	0.3565
	2016	0.2210	0.1995	0.2422
	4 Yr Ave	0.2663	0.2305	0.3022
10 Point	2013	0.2893	0.2551	0.3231
	2014	0.2500	0.2147	0.2855
	2015	0.3038	0.2524	0.3559
	2016	0.2209	0.1994	0.2419
	4 Yr Ave	0.2660	0.2304	0.3016

INDEMNITY Expon'l TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-28)
4 Point	2013	0.2254	0.2025	0.2479
	2014	0.2039	0.1775	0.2302
	2015	0.2590	0.2173	0.3008
	2016	0.1964	0.1786	0.2140
	4 Yr Ave	0.2212	0.1940	0.2482
5 Point	2013	0.2458	0.2128	0.2788
	2014	0.2191	0.1850	0.2538
	2015	0.2742	0.2246	0.3251
	2016	0.2050	0.1830	0.2267
	4 Yr Ave	0.2360	0.2014	0.2711
6 Point	2013	0.2796	0.2431	0.3161
	2014	0.2439	0.2067	0.2817
	2015	0.2987	0.2453	0.3533
	2016	0.2185	0.1955	0.2412
	4 Yr Ave	0.2602	0.2227	0.2981
7 Point	2013	0.2963	0.2565	0.3366
	2014	0.2559	0.2161	0.2967
	2015	0.3103	0.2541	0.3683
	2016	0.2248	0.2007	0.2488
	4 Yr Ave	0.2718	0.2319	0.3126
8 Point	2013	0.2912	0.2514	0.3317
	2014	0.2523	0.2125	0.2932
	2015	0.3068	0.2508	0.3647
	2016	0.2229	0.1987	0.2470
	4 Yr Ave	0.2683	0.2284	0.3092
9 Point	2013	0.3017	0.2620	0.3419
	2014	0.2597	0.2200	0.3006
	2015	0.3141	0.2578	0.3721
	2016	0.2268	0.2028	0.2507
	4 Yr Ave	0.2756	0.2357	0.3163
10 Point	2013	0.3021	0.2623	0.3429
	2014	0.2601	0.2201	0.3013
	2015	0.3143	0.2579	0.3728
	2016	0.2269	0.2029	0.2511
	4 Yr Ave	0.2759	0.2358	0.3170

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	4 Year Average LDF	Selected Incurred LDF
Beyond	1.0869	1.1000	1.1122	1.0319	0.9903	1.1565	1.0727	1.0621
27-28			1.0041	1.0290	1.0047	1.0499	1.0219	1.0108
26-27		0.9776	1.0214	1.0094	1.0072	1.0413	1.0198	1.0112
25-26	1.0011	1.0349	0.9786	1.0367	1.0293	1.0187	1.0158	1.0117
24-25	1.0272	1.0078	0.9856	1.0465	0.9968	1.0327	1.0154	1.0123
23-24	1.0071	1.0772	1.0209	1.0106	1.0366	1.0231	1.0228	1.0128
22-23	1.0127	1.0150	0.9797	1.0332	1.0099	1.0481	1.0177	1.0135
21-22	1.0175	0.9904	0.9151	1.0121	1.0142	0.9398	0.9703	1.0141
20-21	1.0244	1.0029	1.0270	1.0123	1.0255	1.0352	1.0250	1.0148
19-20	1.0200	0.9831	0.9819	1.0159	0.9990	1.0431	1.0100	1.0156
18-19	0.9844	0.9949	0.9909	1.0275	1.0153	1.0029	1.0092	1.0164
17-18	0.9855	0.9813	0.9779	1.0066	1.0239	1.0186	1.0068	1.0173
16-17	1.0357	1.0256	1.0014	1.0032	0.9917	1.0465	1.0107	1.0182
15-16	1.0200	1.0199	1.0003	1.0205	1.0159	1.0341	1.0177	1.0193
14-15	1.0136	1.0163	0.9655	0.9978	1.0389	1.0830	1.0213	1.0205
13-14	0.9962	1.0009	0.9889	1.0267	1.0280	1.0243	1.0170	1.0218
12-13	1.0013	1.0062	0.9883	1.0392	1.0274	1.1088	1.0409	1.0233
11-12	1.0304	1.0023	1.0763	1.0216	1.0425	0.9893	1.0324	1.0249
10-11	1.0167	0.9769	1.0259	1.0375	1.0364	1.0177	1.0294	1.0269
9-10	1.1019	1.0222	1.0157	1.0386	1.0335	1.0156	1.0259	1.0291
8-9	1.0499	0.9798	1.0357	1.0110	1.0360	1.0257	1.0271	1.0318
7-8	1.0042	1.0115	1.0676	1.0333	1.0598	1.0528	1.0534	1.0352
6-7	0.9563	1.0396	1.0231	1.0344	1.0247	1.0725	1.0387	1.0396
5-6	1.0451	1.0345	1.0800	0.9850	1.0666	1.0446	1.0441	1.0460
4-5	1.0104	1.0518	1.1042	1.0767	1.0332	1.0172	1.0578	1.0564
3-4	1.0775	1.0694	1.0710	1.0291	1.0607	1.0893	1.0625	1.0762
2-3	1.2204	1.1334	1.1053	1.1466	1.1472	1.1058	1.1262	1.1194
1-2	1.1901	1.1800	1.2449	1.2823	1.1819	1.2047	1.2285	1.2292

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	4 Year Average LDF	Selected Paid LDF
27-28			1.0053	1.0160	1.0052	1.0447	1.0178	1.0130
26-27		1.0133	1.0141	1.0093	1.0087	1.0144	1.0116	1.0134
25-26	1.0037	1.0426	1.0213	1.0411	1.0082	1.0070	1.0194	1.0139
24-25	1.0327	1.0112	1.0308	1.0140	1.0037	1.0152	1.0159	1.0143
23-24	1.0100	1.0218	1.0123	1.0174	1.0281	1.0101	1.0170	1.0149
22-23	1.0239	1.0256	1.0108	1.0327	1.0128	1.0136	1.0175	1.0154
21-22	1.0114	1.0088	1.0237	1.0153	1.0186	1.0066	1.0161	1.0161
20-21	1.0075	1.0351	1.0248	1.0073	1.0112	1.0113	1.0137	1.0168
19-20	1.0277	1.0157	1.0260	1.0078	1.0149	1.0066	1.0138	1.0175
18-19	1.0160	1.0136	1.0146	1.0220	1.0251	1.0222	1.0210	1.0183
17-18	1.0157	1.0296	1.0178	1.0101	1.0153	1.0031	1.0116	1.0192
16-17	1.0115	1.0296	1.0223	1.0141	1.0063	1.0069	1.0124	1.0202
15-16	1.0482	1.0179	1.0046	1.0172	1.0090	1.0159	1.0117	1.0214
14-15	1.0158	1.0104	1.0100	1.0243	1.0351	1.0226	1.0230	1.0227
13-14	1.0103	1.0142	1.0213	1.0152	1.0237	1.0335	1.0234	1.0241
12-13	1.0164	1.0352	1.0212	1.0609	1.0214	1.0194	1.0307	1.0258
11-12	1.0398	1.0233	1.0853	1.0217	1.0244	1.0188	1.0376	1.0277
10-11	1.0246	1.0447	1.0316	1.0350	1.0415	1.0221	1.0326	1.0300
9-10	1.0295	1.0393	1.0292	1.0192	1.0424	1.0398	1.0327	1.0328
8-9	1.0409	1.0268	1.0279	1.0447	1.0317	1.0235	1.0320	1.0362
7-8	1.0280	1.0375	1.0455	1.0321	1.0420	1.0473	1.0417	1.0404
6-7	1.0122	1.0464	1.0356	1.0489	1.0598	1.0450	1.0473	1.0460
5-6	1.0691	1.0466	1.0520	1.0850	1.0488	1.0614	1.0618	1.0539
4-5	1.0553	1.0888	1.0575	1.0717	1.0187	1.0672	1.0538	1.0663
3-4	1.0812	1.1025	1.1356	1.0820	1.0854	1.0754	1.0946	1.0900
2-3	1.1790	1.1799	1.1187	1.1689	1.1930	1.1372	1.1545	1.1549
1-2	1.3999	1.3549	1.3635	1.4416	1.3991	1.4303	1.4086	1.4086

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	4 Year Average LDF	Selected Pd-Incur LDF
27-28			1.0787	1.3011	1.0424	1.3062	1.1821	1.1821
26-27		1.0882	1.2805	1.0472	1.2550	1.2710	1.2134	1.2134
25-26	1.1170	1.3241	1.0594	1.2973	1.2292	1.1025	1.1721	1.1721
24-25	1.3213	1.0955	1.2888	1.2109	1.0862	1.2362	1.2055	1.2055
23-24	1.0965	1.3274	1.1696	1.1086	1.2304	1.2040	1.1782	1.1782
22-23	1.2618	1.1924	1.1080	1.2258	1.1916	1.3182	1.2109	1.2109
21-22	1.1880	1.1320	1.2131	1.1979	1.2807	1.1798	1.2179	1.2179
20-21	1.1514	1.3538	1.2104	1.2720	1.2693	1.2468	1.2496	1.2496
19-20	1.3869	1.1903	1.2873	1.2474	1.2218	1.2474	1.2510	1.2510
18-19	1.2296	1.3031	1.2442	1.2499	1.2257	1.0924	1.2031	1.2031
17-18	1.3295	1.2618	1.2350	1.2193	1.1056	1.0894	1.1623	1.1623
16-17	1.2937	1.3040	1.2485	1.0950	1.0760	1.1872	1.1517	1.1517
15-16	1.3313	1.2788	1.0899	1.1036	1.1445	1.1932	1.1328	1.1328
14-15	1.2722	1.0991	1.0885	1.1539	1.1939	1.3119	1.1871	1.1871
13-14	1.0991	1.1288	1.1784	1.1667	1.2398	1.2549	1.2100	1.2100
12-13	1.1447	1.2370	1.1560	1.2795	1.2502	1.3339	1.2549	1.2549
11-12	1.2879	1.2222	1.3257	1.2430	1.2320	1.2024	1.2508	1.2508
10-11	1.2492	1.2630	1.2503	1.2232	1.2542	1.2243	1.2380	1.2380
9-10	1.3266	1.2695	1.2134	1.2334	1.2523	1.2327	1.2330	1.2330
8-9	1.2922	1.2193	1.2208	1.2657	1.2521	1.2395	1.2445	1.2445
7-8	1.2794	1.2490	1.3090	1.2468	1.2590	1.2502	1.2663	1.2663
6-7	1.2499	1.2860	1.2496	1.2433	1.2582	1.3303	1.2704	1.2704
5-6	1.3036	1.2893	1.2645	1.3249	1.3006	1.2663	1.2891	1.2891
4-5	1.3152	1.2742	1.4225	1.3049	1.2342	1.2248	1.2966	1.2966
3-4	1.3131	1.4240	1.3772	1.2910	1.3059	1.2840	1.3145	1.3145
2-3	1.5699	1.5507	1.4035	1.4369	1.4052	1.5901	1.4589	1.4589
1-2	1.9154	1.7278	1.7094	1.7622	2.0055	2.1581	1.9088	1.9088

MEDICAL	Policy Year	Incurred LDF	Paid to 28th LDF
Beyond	1989	1.0621	1.0621
27-28	1990	1.0108	1.1821
26-27	1991	1.0112	1.0134
25-26	1992	1.0117	1.0139
24-25	1993	1.0123	1.0143
23-24	1994	1.0128	1.0149
22-23	1995	1.0135	1.0154
21-22	1996	1.0141	1.0161
20-21	1997	1.0148	1.0168
19-20	1998	1.0156	1.0175
18-19	1999	1.0164	1.0183
17-18	2000	1.0173	1.0192
16-17	2001	1.0182	1.0202
15-16	2002	1.0193	1.0214
14-15	2003	1.0205	1.0227
13-14	2004	1.0218	1.0241
12-13	2005	1.0233	1.0258
11-12	2006	1.0249	1.0277
10-11	2007	1.0269	1.0300
9-10	2008	1.0291	1.0328
8-9	2009	1.0318	1.0362
7-8	2010	1.0352	1.0404
6-7	2011	1.0396	1.0460
5-6	2012	1.0460	1.0539
4-5	2013	1.0564	1.0663
3-4	2014	1.0762	1.0900
2-3	2015	1.1194	1.1549
1-2	2016	1.2292	1.4086

MEDICAL	Policy Year	Incurred Cum LDF	Paid to 28th Cum LDF
Beyond	1989	1.0621	1.0621
27-28	1990	1.0736	1.2555
26-27	1991	1.0856	1.2723
25-26	1992	1.0983	1.2900
24-25	1993	1.1118	1.3085
23-24	1994	1.1260	1.3280
22-23	1995	1.1412	1.3484
21-22	1996	1.1573	1.3701
20-21	1997	1.1745	1.3931
19-20	1998	1.1928	1.4175
18-19	1999	1.2123	1.4435
17-18	2000	1.2333	1.4712
16-17	2001	1.2558	1.5009
15-16	2002	1.2800	1.5330
14-15	2003	1.3062	1.5678
13-14	2004	1.3347	1.6056
12-13	2005	1.3658	1.6470
11-12	2006	1.3998	1.6926
10-11	2007	1.4375	1.7434
9-10	2008	1.4793	1.8006
8-9	2009	1.5263	1.8658
7-8	2010	1.5801	1.9412
6-7	2011	1.6426	2.0305
5-6	2012	1.7182	2.1399
4-5	2013	1.8151	2.2818
3-4	2014	1.9534	2.4871
2-3	2015	2.1867	2.8724
1-2	2016	2.6878	4.0461

MEDICAL	Policy Year	Benefit Level Factor	LAE
Beyond	1989	1.0000	1.2174
27-28	1990	1.0000	1.2174
26-27	1991	1.0000	1.2174
25-26	1992	1.0000	1.2174
24-25	1993	1.0000	1.2174
23-24	1994	1.0000	1.2174
22-23	1995	1.0000	1.2174
21-22	1996	1.0000	1.2174
20-21	1997	1.0000	1.2174
19-20	1998	1.0000	1.2174
18-19	1999	1.0000	1.2174
17-18	2000	1.0000	1.2174
16-17	2001	1.0000	1.2174
15-16	2002	1.0000	1.2174
14-15	2003	1.0000	1.2174
13-14	2004	1.0000	1.2174
12-13	2005	1.0000	1.2174
11-12	2006	1.0000	1.2174
10-11	2007	1.0000	1.2174
9-10	2008	1.0000	1.2174
8-9	2009	1.0000	1.2174
7-8	2010	1.0000	1.2174
6-7	2011	1.0000	1.2174
5-6	2012	1.0000	1.2174
4-5	2013	1.0000	1.2174
3-4	2014	1.0000	1.2174
2-3	2015	1.0000	1.2174
1-2	2016	1.0000	1.2174

MEDICAL	Policy Year	Incurred Base	Paid to 28th Base
Beyond	1989	30,491,573	30,491,573
27-28	1990	23,984,881	19,141,705
26-27	1991	20,672,277	18,881,592
25-26	1992	32,661,205	26,821,769
24-25	1993	26,064,946	21,868,250
23-24	1994	24,062,286	18,503,052
22-23	1995	23,417,502	19,978,794
21-22	1996	32,680,642	26,509,409
20-21	1997	29,505,596	23,810,586
19-20	1998	22,413,978	20,972,718
18-19	1999	27,422,894	25,249,486
17-18	2000	40,771,508	34,581,550
16-17	2001	32,016,613	27,258,302
15-16	2002	50,344,454	39,243,362
14-15	2003	45,251,453	37,266,264
13-14	2004	57,361,159	43,837,795
12-13	2005	49,590,315	42,018,641
11-12	2006	53,662,983	44,799,395
10-11	2007	55,035,330	46,424,427
9-10	2008	55,656,142	45,958,664
8-9	2009	59,074,413	49,484,346
7-8	2010	71,255,688	55,975,883
6-7	2011	59,565,905	49,927,888
5-6	2012	48,836,676	42,553,539
4-5	2013	51,514,297	43,142,070
3-4	2014	47,951,006	34,294,403
2-3	2015	63,837,713	42,306,765
1-2	2016	47,494,378	27,278,225

MEDICAL	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-28)
Beyond	1989	32,385,100	32,385,100	32,385,100
27-28	1990	24,891,290	25,750,168	24,032,411
26-27	1991	23,232,437	22,441,824	24,023,050
25-26	1992	35,235,942	35,871,801	34,600,082
24-25	1993	28,796,806	28,979,007	28,614,605
23-24	1994	25,833,094	27,094,134	24,572,053
22-23	1995	26,831,730	26,724,053	26,939,406
21-22	1996	37,070,924	37,821,307	36,320,541
20-21	1997	33,912,425	34,654,323	33,170,527
19-20	1998	28,232,111	26,735,393	29,728,828
18-19	1999	34,846,204	33,244,774	36,447,633
17-18	2000	50,579,939	50,283,501	50,876,376
16-17	2001	40,559,224	40,206,463	40,911,985
15-16	2002	62,300,488	64,440,901	60,160,074
14-15	2003	58,766,749	59,107,448	58,426,049
13-14	2004	73,472,952	76,559,939	70,385,964
12-13	2005	68,467,577	67,730,452	69,204,702
11-12	2006	75,472,450	75,117,444	75,827,456
10-11	2007	80,024,817	79,113,287	80,936,346
9-10	2008	82,542,651	82,332,131	82,753,170
8-9	2009	91,246,585	90,165,277	92,327,893
7-8	2010	110,625,749	112,591,113	108,660,384
6-7	2011	99,610,767	97,842,956	101,378,577
5-6	2012	87,485,748	83,911,177	91,060,318
4-5	2013	95,972,588	93,503,600	98,441,575
3-4	2014	89,480,553	93,667,495	85,293,610
2-3	2015	130,557,940	139,593,927	121,521,952
1-2	2016	119,012,908	127,655,389	110,370,426

MEDICAL	Policy Year	Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-28)
Beyond	1989	39,425,621	39,425,621	39,425,621
27-28	1990	30,302,656	31,348,255	29,257,057
26-27	1991	28,283,169	27,320,677	29,245,661
25-26	1992	42,896,236	43,670,331	42,122,140
24-25	1993	35,057,232	35,279,043	34,835,420
23-24	1994	31,449,209	32,984,399	29,914,017
22-23	1995	32,664,948	32,533,862	32,796,033
21-22	1996	45,130,143	46,043,659	44,216,627
20-21	1997	41,284,986	42,188,173	40,381,800
19-20	1998	34,369,772	32,547,667	36,191,875
18-19	1999	42,421,769	40,472,188	44,371,348
17-18	2000	61,576,018	61,215,134	61,936,900
16-17	2001	49,376,799	48,947,348	49,806,251
15-16	2002	75,844,614	78,450,353	73,238,874
14-15	2003	71,542,640	71,957,407	71,127,872
13-14	2004	89,445,972	93,204,070	85,687,873
12-13	2005	83,352,428	82,455,052	84,249,804
11-12	2006	91,880,161	91,447,976	92,312,345
10-11	2007	97,422,212	96,312,516	98,531,908
9-10	2008	100,487,423	100,231,136	100,743,709
8-9	2009	111,083,593	109,767,208	112,399,977
7-8	2010	134,675,787	137,068,421	132,283,151
6-7	2011	121,266,148	119,114,015	123,418,280
5-6	2012	106,505,150	102,153,467	110,856,831
4-5	2013	116,837,029	113,831,283	119,842,773
3-4	2014	108,933,625	114,030,808	103,836,441
2-3	2015	158,941,236	169,941,647	147,940,824
1-2	2016	144,886,314	155,407,671	134,364,957

MEDICAL

Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-28)
1989	0.3228	0.3228	0.3228
1990	0.2782	0.2878	0.2686
1991	0.2681	0.2590	0.2772
1992	0.4534	0.4615	0.4452
1993	0.3611	0.3633	0.3588
1994	0.3339	0.3502	0.3176
1995	0.3408	0.3394	0.3421
1996	0.4443	0.4533	0.4353
1997	0.4186	0.4278	0.4095
1998	0.3731	0.3533	0.3929
1999	0.4257	0.4061	0.4453
2000	0.5665	0.5632	0.5699
2001	0.4185	0.4148	0.4221
2002	0.6014	0.6221	0.5808
2003	0.5281	0.5312	0.5250
2004	0.5339	0.5563	0.5114
2005	0.4648	0.4598	0.4698
2006	0.4856	0.4833	0.4878
2007	0.5148	0.5090	0.5207
2008	0.5230	0.5217	0.5243
2009	0.5812	0.5743	0.5881
2010	0.7204	0.7332	0.7076
2011	0.6446	0.6331	0.6560
2012	0.6044	0.5797	0.6291
2013	0.6961	0.6782	0.7140
2014	0.6506	0.6810	0.6201
2015	0.8616	0.9212	0.8020
2016	0.7295	0.7825	0.6766

MEDICAL FREQUENCY

Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/17	Selected Ann Trend	Trend Period # Years	Trend 1/1/17-12/1/19	Combined Trend Factor
				-5.7%	1		
				-5.7%	1		
				-5.7%	1		
				-5.7%	0.9167		
2004	11.92	1.0000					
2005	10.66	0.8943					
2006	10.01	0.8398					
2007	9.30	0.7802					
2008	8.23	0.6904					
2009	8.18	0.6862					
2010	8.18	0.6862					
2011	7.66	0.6426					
2012	6.87	0.5763					
2013	7.20	0.6040	0.8391			0.8432	0.7075
2014	6.18	0.5185	0.8896			0.8432	0.7501
2015	6.49	0.5445	0.9432			0.8432	0.7953
2016*	5.50	0.4614	1.0000			0.8432	0.8432

* Adjusted to a full Policy Year

MEDICAL SEVERITY RATIOS

Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-28)
2004	0.5339	0.5563	0.5114
2005	0.5197	0.5141	0.5253
2006	0.5783	0.5755	0.5809
2007	0.6598	0.6524	0.6674
2008	0.7575	0.7556	0.7594
2009	0.8469	0.8369	0.8570
2010	1.0498	1.0684	1.0311
2011	1.0031	0.9852	1.0208
2012	1.0487	1.0058	1.0915
2013	1.1524	1.1228	1.1821
2014	1.2549	1.3135	1.1961
2015	1.5825	1.6919	1.4730
2016	1.5810	1.6959	1.4664

MEDICAL Linear FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	2013	1.1507	1.1414	1.1599
	2014	1.3120	1.3511	1.2729
	2015	1.4734	1.5609	1.3859
	2016	1.6347	1.7707	1.4989
5 Point	2012	1.0250	0.9761	1.0737
	2013	1.1744	1.1711	1.1778
	2014	1.3239	1.3660	1.2818
	2015	1.4734	1.5609	1.3859
	2016	1.6228	1.7558	1.4900
6 Point	2011	0.9423	0.8881	0.9964
	2012	1.0736	1.0538	1.0932
	2013	1.2048	1.2196	1.1899
	2014	1.3361	1.3854	1.2867
	2015	1.4673	1.5512	1.3835
	2016	1.5985	1.7170	1.4802
7 Point	2010	0.9219	0.8830	0.9607
	2011	1.0276	1.0117	1.0434
	2012	1.1333	1.1404	1.1260
	2013	1.2389	1.2691	1.2087
	2014	1.3446	1.3978	1.2914
	2015	1.4502	1.5265	1.3741
	2016	1.5559	1.6552	1.4567
8 Point	2009	0.8290	0.7887	0.8693
	2010	0.9321	0.9105	0.9537
	2011	1.0352	1.0323	1.0381
	2012	1.1384	1.1541	1.1225
	2013	1.2415	1.2760	1.2070
	2014	1.3446	1.3978	1.2914
	2015	1.4477	1.5196	1.3758
	2016	1.5508	1.6414	1.4602
9 Point	2008	0.7378	0.7004	0.7752
	2009	0.8389	0.8163	0.8613
	2010	0.9399	0.9322	0.9475
	2011	1.0409	1.0481	1.0336
	2012	1.1419	1.1640	1.1197
	2013	1.2429	1.2799	1.2058
	2014	1.3439	1.3958	1.2920
	2015	1.4449	1.5117	1.3781
	2016	1.5459	1.6276	1.4642
10 Point	2007	0.6448	0.6080	0.6816
	2008	0.7445	0.7202	0.7689
	2009	0.8443	0.8323	0.8562
	2010	0.9440	0.9445	0.9435
	2011	1.0438	1.0567	1.0308
	2012	1.1435	1.1689	1.1181
	2013	1.2433	1.2811	1.2054
	2014	1.3430	1.3933	1.2927
	2015	1.4428	1.5055	1.3800
	2016	1.5425	1.6177	1.4674

MEDICAL Linear TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	Fitted	2.1053	2.3825	1.8284
5 Point	Fitted	2.0588	2.3244	1.7935
6 Point	Fitted	1.9813	2.2005	1.7624
7 Point	Fitted	1.8641	2.0306	1.6979
8 Point	Fitted	1.8515	1.9967	1.7065
9 Point	Fitted	1.8405	1.9656	1.7154
10 Point	Fitted	1.8335	1.9450	1.7220

MEDICAL Linear Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-28)
4 Point	2013	1.8296	2.0874	1.5763
	2014	1.6046	1.7633	1.4364
	2015	1.4289	1.5264	1.3193
	2016	1.2879	1.3455	1.2199
5 Point	2013	1.7530	1.9849	1.5228
	2014	1.5551	1.7016	1.3992
	2015	1.3973	1.4891	1.2941
	2016	1.2686	1.3238	1.2037
6 Point	2013	1.6445	1.8043	1.4811
	2014	1.4830	1.5884	1.3697
	2015	1.3503	1.4186	1.2739
	2016	1.2395	1.2816	1.1907
7 Point	2013	1.5046	1.6000	1.4047
	2014	1.3864	1.4527	1.3148
	2015	1.2854	1.3302	1.2357
	2016	1.1981	1.2268	1.1655
8 Point	2013	1.4914	1.5649	1.4139
	2014	1.3770	1.4285	1.3214
	2015	1.2790	1.3140	1.2403
	2016	1.1939	1.2165	1.1686
9 Point	2013	1.4808	1.5358	1.4226
	2014	1.3695	1.4083	1.3277
	2015	1.2738	1.3003	1.2448
	2016	1.1906	1.2077	1.1716
10 Point	2013	1.4747	1.5182	1.4285
	2014	1.3652	1.3959	1.3320
	2015	1.2708	1.2919	1.2478
	2016	1.1886	1.2023	1.1735

MEDICAL Expon'l FITTED	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	2013	1.1554	1.1469	1.1629
	2014	1.3001	1.3313	1.2667
	2015	1.4630	1.5452	1.3797
	2016	1.6464	1.7935	1.5028
5 Point	2012	1.0398	0.9987	1.0819
	2013	1.1652	1.1551	1.1732
	2014	1.3057	1.3360	1.2723
	2015	1.4630	1.5452	1.3797
	2016	1.6394	1.7872	1.4962
6 Point	2011	0.9666	0.9252	1.0097
	2012	1.0711	1.0502	1.0914
	2013	1.1870	1.1919	1.1796
	2014	1.3154	1.3529	1.2751
	2015	1.4576	1.5355	1.3782
	2016	1.6153	1.7429	1.4896
7 Point	2010	0.9506	0.9243	0.9780
	2011	1.0327	1.0191	1.0460
	2012	1.1219	1.1236	1.1187
	2013	1.2188	1.2389	1.1964
	2014	1.3241	1.3660	1.2796
	2015	1.4385	1.5062	1.3685
	2016	1.5627	1.6607	1.4636
8 Point	2009	0.8632	0.8377	0.8900
	2010	0.9403	0.9238	0.9571
	2011	1.0243	1.0187	1.0291
	2012	1.1158	1.1233	1.1066
	2013	1.2155	1.2387	1.1900
	2014	1.3241	1.3660	1.2796
	2015	1.4424	1.5064	1.3759
	2016	1.5713	1.6611	1.4795
9 Point	2008	0.7790	0.7581	0.8012
	2009	0.8512	0.8363	0.8665
	2010	0.9300	0.9226	0.9371
	2011	1.0161	1.0177	1.0135
	2012	1.1103	1.1227	1.0961
	2013	1.2131	1.2384	1.1854
	2014	1.3254	1.3662	1.2820
	2015	1.4482	1.5071	1.3865
	2016	1.5823	1.6625	1.4995
10 Point	2007	0.6942	0.6750	0.7146
	2008	0.7617	0.7467	0.7772
	2009	0.8357	0.8261	0.8454
	2010	0.9170	0.9139	0.9195
	2011	1.0062	1.0110	1.0001
	2012	1.1040	1.1184	1.0878
	2013	1.2114	1.2373	1.1832
	2014	1.3292	1.3688	1.2869
	2015	1.4584	1.5142	1.3997
	2016	1.6002	1.6751	1.5224

MEDICAL Expon'l TRENDED		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-28)
4 Point	Fitted	2.3231	2.7701	1.9283
5 Point	Fitted	2.2849	2.7319	1.8952
6 Point	Fitted	2.1794	2.5217	1.8690
7 Point	Fitted	1.9899	2.2080	1.7805
8 Point	Fitted	2.0167	2.2095	1.8285
9 Point	Fitted	2.0487	2.2136	1.8844
10 Point	Fitted	2.0977	2.2489	1.9453

MEDICAL Expon'l Severity Trend Factor		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-28)
4 Point	2013	2.0108	2.4152	1.6582
	2014	1.7869	2.0808	1.5224
	2015	1.5879	1.7927	1.3977
	2016	1.4111	1.5445	1.2831
5 Point	2013	1.9609	2.3651	1.6154
	2014	1.7500	2.0448	1.4896
	2015	1.5617	1.7680	1.3736
	2016	1.3937	1.5286	1.2667
6 Point	2013	1.8361	2.1156	1.5843
	2014	1.6569	1.8639	1.4658
	2015	1.4952	1.6422	1.3561
	2016	1.3492	1.4469	1.2546
7 Point	2013	1.6326	1.7822	1.4882
	2014	1.5028	1.6164	1.3915
	2015	1.3833	1.4660	1.3011
	2016	1.2733	1.3296	1.2165
8 Point	2013	1.6591	1.7836	1.5366
	2014	1.5231	1.6175	1.4290
	2015	1.3981	1.4668	1.3289
	2016	1.2835	1.3301	1.2358
9 Point	2013	1.6889	1.7874	1.5897
	2014	1.5457	1.6203	1.4699
	2015	1.4147	1.4688	1.3591
	2016	1.2948	1.3315	1.2567
10 Point	2013	1.7317	1.8177	1.6442
	2014	1.5782	1.6430	1.5116
	2015	1.4383	1.4852	1.3898
	2016	1.3109	1.3425	1.2778

MEDICAL Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-28)
4 Point	2013	1.2944	1.4768	1.1152
	2014	1.2036	1.3227	1.0774
	2015	1.1364	1.2139	1.0492
	2016	1.0860	1.1345	1.0286
5 Point	2013	1.2402	1.4043	1.0774
	2014	1.1665	1.2764	1.0495
	2015	1.1113	1.1843	1.0292
	2016	1.0697	1.1162	1.0150
6 Point	2013	1.1635	1.2765	1.0479
	2014	1.1124	1.1915	1.0274
	2015	1.0739	1.1282	1.0131
	2016	1.0451	1.0806	1.0040
7 Point	2013	1.0645	1.1320	0.9938
	2014	1.0399	1.0897	0.9862
	2015	1.0223	1.0579	0.9828
	2016	1.0102	1.0344	0.9827
8 Point	2013	1.0552	1.1072	1.0003
	2014	1.0329	1.0715	0.9912
	2015	1.0172	1.0450	0.9864
	2016	1.0067	1.0258	0.9854
9 Point	2013	1.0477	1.0866	1.0065
	2014	1.0273	1.0564	0.9959
	2015	1.0131	1.0341	0.9900
	2016	1.0039	1.0183	0.9879
10 Point	2013	1.0434	1.0741	1.0107
	2014	1.0240	1.0471	0.9991
	2015	1.0107	1.0274	0.9924
	2016	1.0022	1.0138	0.9895

MEDICAL Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-28)
4 Point	2013	1.4226	1.7088	1.1732
	2014	1.3404	1.5608	1.1420
	2015	1.2629	1.4257	1.1116
	2016	1.1898	1.3023	1.0819
5 Point	2013	1.3873	1.6733	1.1429
	2014	1.3127	1.5338	1.1173
	2015	1.2420	1.4061	1.0924
	2016	1.1752	1.2889	1.0681
6 Point	2013	1.2990	1.4968	1.1209
	2014	1.2428	1.3981	1.0995
	2015	1.1891	1.3060	1.0785
	2016	1.1376	1.2200	1.0579
7 Point	2013	1.1551	1.2609	1.0529
	2014	1.1273	1.2125	1.0438
	2015	1.1001	1.1659	1.0348
	2016	1.0736	1.1211	1.0258
8 Point	2013	1.1738	1.2619	1.0871
	2014	1.1425	1.2133	1.0719
	2015	1.1119	1.1665	1.0569
	2016	1.0822	1.1215	1.0420
9 Point	2013	1.1949	1.2646	1.1247
	2014	1.1594	1.2154	1.1026
	2015	1.1251	1.1681	1.0809
	2016	1.0918	1.1227	1.0596
10 Point	2013	1.2252	1.2860	1.1633
	2014	1.1838	1.2324	1.1339
	2015	1.1439	1.1812	1.1053
	2016	1.1054	1.1320	1.0774

MEDICAL Linear TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-28)
4 Point	2013	0.9010	1.0016	0.7963
	2014	0.7831	0.9008	0.6681
	2015	0.9791	1.1182	0.8415
	2016	0.7922	0.8877	0.6960
	4 Yr Ave	0.8639	0.9771	0.7505
5 Point	2013	0.8633	0.9524	0.7693
	2014	0.7589	0.8692	0.6508
	2015	0.9575	1.0910	0.8254
	2016	0.7803	0.8734	0.6867
	4 Yr Ave	0.8400	0.9465	0.7331
6 Point	2013	0.8099	0.8657	0.7482
	2014	0.7237	0.8114	0.6371
	2015	0.9253	1.0393	0.8125
	2016	0.7624	0.8456	0.6793
	4 Yr Ave	0.8053	0.8905	0.7193
7 Point	2013	0.7410	0.7677	0.7096
	2014	0.6766	0.7421	0.6115
	2015	0.8808	0.9745	0.7882
	2016	0.7369	0.8094	0.6649
	4 Yr Ave	0.7588	0.8234	0.6936
8 Point	2013	0.7345	0.7509	0.7142
	2014	0.6720	0.7297	0.6146
	2015	0.8764	0.9627	0.7911
	2016	0.7344	0.8027	0.6667
	4 Yr Ave	0.7543	0.8115	0.6967
9 Point	2013	0.7293	0.7369	0.7186
	2014	0.6684	0.7194	0.6176
	2015	0.8729	0.9526	0.7940
	2016	0.7323	0.7968	0.6684
	4 Yr Ave	0.7507	0.8014	0.6997
10 Point	2013	0.7263	0.7285	0.7216
	2014	0.6662	0.7131	0.6195
	2015	0.8708	0.9464	0.7959
	2016	0.7311	0.7933	0.6695
	4 Yr Ave	0.7486	0.7953	0.7016

MEDICAL Expon'l TRENDED LR	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-28)
4 Point	2013	0.9903	1.1589	0.8377
	2014	0.8721	1.0629	0.7082
	2015	1.0881	1.3134	0.8915
	2016	0.8680	1.0190	0.7320
	4 Yr Ave	0.9546	1.1386	0.7924
5 Point	2013	0.9657	1.1348	0.8160
	2014	0.8540	1.0445	0.6928
	2015	1.0701	1.2953	0.8761
	2016	0.8573	1.0086	0.7227
	4 Yr Ave	0.9368	1.1208	0.7769
6 Point	2013	0.9042	1.0151	0.8003
	2014	0.8086	0.9521	0.6818
	2015	1.0245	1.2031	0.8650
	2016	0.8299	0.9547	0.7158
	4 Yr Ave	0.8918	1.0313	0.7657
7 Point	2013	0.8041	0.8551	0.7518
	2014	0.7334	0.8257	0.6473
	2015	0.9478	1.0740	0.8299
	2016	0.7832	0.8773	0.6941
	4 Yr Ave	0.8171	0.9080	0.7308
8 Point	2013	0.8171	0.8558	0.7762
	2014	0.7433	0.8263	0.6647
	2015	0.9580	1.0746	0.8476
	2016	0.7895	0.8776	0.7050
	4 Yr Ave	0.8270	0.9086	0.7484
9 Point	2013	0.8318	0.8577	0.8030
	2014	0.7543	0.8277	0.6837
	2015	0.9694	1.0761	0.8669
	2016	0.7965	0.8785	0.7169
	4 Yr Ave	0.8380	0.9100	0.7676
10 Point	2013	0.8529	0.8722	0.8306
	2014	0.7702	0.8393	0.7031
	2015	0.9856	1.0881	0.8865
	2016	0.8064	0.8858	0.7290
	4 Yr Ave	0.8538	0.9214	0.7873

INDEMNITY Severity Ann. Trend		(Average)	(Incur)	(Pd-28)
4 Point	Linear	-0.6%	-1.0%	-0.3%
5 Point	Linear	0.9%	-0.1%	1.7%
6 Point	Linear	3.0%	2.2%	3.6%
7 Point	Linear	3.8%	3.1%	4.4%
8 Point	Linear	3.5%	2.8%	4.1%
9 Point	Linear	3.9%	3.3%	4.4%
10 Point	Linear	3.9%	3.3%	4.4%
4 Point	Expon'l	-0.6%	-1.1%	-0.2%
5 Point	Expon'l	0.9%	-0.2%	1.8%
6 Point	Expon'l	3.1%	2.0%	3.9%
7 Point	Expon'l	4.1%	3.0%	5.0%
8 Point	Expon'l	3.8%	2.6%	4.8%
9 Point	Expon'l	4.4%	3.3%	5.3%
10 Point	Expon'l	4.4%	3.4%	5.4%

MEDICAL Severity Ann. Trend		(Average)	(Incur)	(Pd-28)
4 Point	Linear	9.6%	11.3%	7.5%
5 Point	Linear	8.8%	10.5%	6.9%
6 Point	Linear	7.7%	8.9%	6.4%
7 Point	Linear	6.1%	6.8%	5.4%
8 Point	Linear	6.0%	6.3%	5.5%
9 Point	Linear	5.8%	6.0%	5.7%
10 Point	Linear	5.7%	5.8%	5.7%
4 Point	Expon'l	12.5%	16.1%	8.9%
5 Point	Expon'l	12.1%	15.7%	8.4%
6 Point	Expon'l	10.8%	13.5%	8.1%
7 Point	Expon'l	8.6%	10.3%	7.0%
8 Point	Expon'l	8.9%	10.3%	7.5%
9 Point	Expon'l	9.3%	10.3%	8.1%
10 Point	Expon'l	9.7%	10.6%	8.8%

INDEMNITY		(Average)	(Incur)	(Pd-28)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-6.2%	-6.8%	-5.8%
5 Point	Linear	-4.9%	-6.0%	-4.0%
6 Point	Linear	-3.1%	-4.0%	-2.4%
7 Point	Linear	-2.4%	-3.3%	-1.7%
8 Point	Linear	-2.6%	-3.5%	-1.9%
9 Point	Linear	-2.3%	-3.1%	-1.7%
10 Point	Linear	-2.3%	-3.1%	-1.7%
4 Point	Expon'l	-6.3%	-6.8%	-6.0%
5 Point	Expon'l	-4.9%	-6.0%	-4.1%
6 Point	Expon'l	-2.8%	-3.8%	-2.0%
7 Point	Expon'l	-1.9%	-2.9%	-0.9%
8 Point	Expon'l	-2.1%	-3.3%	-1.2%
9 Point	Expon'l	-1.5%	-2.6%	-0.7%
10 Point	Expon'l	-1.5%	-2.6%	-0.6%

MEDICAL		(Average)	(Incur)	(Pd-28)
Loss Ratio				
Ann. Trend				
4 Point	Linear	3.7%	5.7%	1.5%
5 Point	Linear	3.1%	4.9%	0.9%
6 Point	Linear	2.1%	3.5%	0.5%
7 Point	Linear	0.7%	1.7%	-0.3%
8 Point	Linear	0.6%	1.3%	-0.2%
9 Point	Linear	0.5%	1.0%	-0.1%
10 Point	Linear	0.4%	0.9%	-0.1%
4 Point	Expon'l	6.1%	9.4%	2.7%
5 Point	Expon'l	5.7%	9.0%	2.3%
6 Point	Expon'l	4.5%	7.0%	1.9%
7 Point	Expon'l	2.4%	3.9%	0.9%
8 Point	Expon'l	2.7%	3.9%	1.4%
9 Point	Expon'l	3.0%	4.0%	2.0%
10 Point	Expon'l	3.5%	4.3%	2.6%