

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 multi-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 twentieth and the average of the incurred and paid to twentieth 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 2009 set equal to unity. Staff selected a seven-point frequency trend factor of -4.9% (Policy Years 2013 through 2019). 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 (12/1/22). 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 (12/1/22) 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 16-17	PDF 17-18	PDF 18-19	PDF 19-20	4 Year Average	Selected PDF
20-21	1.0001	1.0013	1.0000	1.0000	1.0004	1.0000
19-20	1.0001	1.0000	1.0000	1.0000	1.0000	1.0000
18-19	1.0001	1.0000	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	0.9998	1.0000	1.0000
11-12	1.0000	1.0000	1.0002	1.0000	1.0001	1.0000
10-11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9-10	1.0000	1.0004	1.0000	1.0000	1.0001	1.0000
8-9	0.9996	1.0001	1.0001	1.0000	1.0000	1.0000
7-8	1.0000	1.0009	1.0002	1.0000	1.0003	1.0003
6-7	0.9999	1.0001	1.0001	1.0003	1.0001	1.0001
5-6	1.0000	1.0001	0.9992	0.9998	0.9998	0.9998
4-5	1.0014	1.0001	1.0001	0.9991	1.0002	1.0002
3-4	1.0002	0.9998	1.0007	0.9996	1.0001	1.0001
2-3	0.9990	0.9986	0.9950	0.9994	0.9980	0.9980
1-2	1.0063	1.0073	1.0061	1.0156	1.0088	1.0000

PREMIUMS	Policy Year	Reported SEP	Cum PDF	Ultimate SEP	On-Level Factor	ECRF	DCCPAP Factor
20-21	2000	89,472,562	1.0000	89,472,562	0.9711	0.9988	0.9929
19-20	2001	87,995,899	1.0000	87,995,899	1.0212	0.9982	0.9956
18-19	2002	114,125,292	1.0000	114,125,292	0.8558	0.9976	0.9982
17-18	2003	129,449,663	1.0000	129,449,663	0.8028	0.9966	1.0010
16-17	2004	152,795,197	1.0000	152,795,197	0.8352	0.9963	0.9999
15-16	2005	186,050,914	1.0000	186,050,914	0.7344	0.9968	0.9985
14-15	2006	205,640,534	1.0000	205,640,534	0.7015	0.9975	0.9960
13-14	2007	199,752,892	1.0000	199,752,892	0.7202	0.9977	0.9974
12-13	2008	151,005,305	1.0000	151,005,305	0.9717	0.9974	0.9989
11-12	2009	118,465,646	1.0000	118,465,646	1.2102	0.9971	1.0147
10-11	2010	105,791,129	1.0000	105,791,129	1.3168	0.9970	1.0141
9-10	2011	105,712,444	1.0000	105,712,444	1.3259	0.9968	1.0145
8-9	2012	115,175,309	1.0000	115,175,309	1.1378	0.9966	1.0156
7-8	2013	133,292,271	1.0003	133,332,259	0.9275	0.9966	1.0139
6-7	2014	147,920,627	1.0004	147,979,795	0.8433	0.9966	1.0141
5-6	2015	146,140,787	1.0002	146,170,015	0.9303	0.9965	1.0166
4-5	2016	165,707,468	1.0004	165,773,751	0.8807	0.9973	1.0153
3-4	2017	177,594,492	1.0005	177,683,289	0.9024	0.9975	1.0133
2-3	2018	177,487,214	0.9985	177,220,983	0.9352	0.9975	1.0142
1-2	2019	168,535,685	0.9985	168,282,881	1.0461	0.9972	1.0142

PREMIUMS	Policy Year	Other Adjustments	On-Level SEP
2000	1.0000	86,166,385	
2001	1.0000	89,304,983	
2002	1.0000	97,258,639	
2003	1.0000	103,672,423	
2004	1.0000	127,129,660	
2005	1.0000	135,994,259	
2006	1.0000	143,320,608	
2007	1.0000	143,157,969	
2008	1.0000	146,189,367	
2009	1.0000	145,052,745	
2010	1.0000	140,846,160	
2011	1.0000	141,741,481	
2012	1.0000	132,638,283	
2013	1.0000	124,958,315	
2014	1.0000	126,125,091	
2015	1.0000	137,753,043	
2016	1.0000	147,832,054	
2017	1.0000	162,068,901	
2018	1.0000	167,669,454	
2019	1.0000	178,040,104	



INDEMNITY	Policy Year	Selected Incurred LDF	Selected Paid to 20th LDF
Beyond	2000	0.9983	0.9983
19-20	2001	1.0009	1.0042
18-19	2002	1.0010	1.0024
17-18	2003	1.0012	1.0028
16-17	2004	1.0014	1.0032
15-16	2005	1.0016	1.0038
14-15	2006	1.0019	1.0046
13-14	2007	1.0023	1.0055
12-13	2008	1.0028	1.0067
11-12	2009	1.0034	1.0084
10-11	2010	1.0042	1.0107
9-10	2011	1.0053	1.0139
8-9	2012	1.0069	1.0186
7-8	2013	1.0092	1.0258
6-7	2014	1.0127	1.0374
5-6	2015	1.0184	1.0575
4-5	2016	1.0287	1.0956
3-4	2017	1.0501	1.1776
2-3	2018	1.1074	1.3881
1-2	2019	1.3818	1.9881

INDEMNITY	Policy Year	Incurred Cum LDF	Paid Paid to 20th Cum LDF
Beyond	2000	0.9983	0.9983
19-20	2001	0.9992	1.0025
18-19	2002	1.0002	1.0049
17-18	2003	1.0014	1.0077
16-17	2004	1.0028	1.0109
15-16	2005	1.0044	1.0148
14-15	2006	1.0063	1.0194
13-14	2007	1.0086	1.0251
12-13	2008	1.0115	1.0319
11-12	2009	1.0149	1.0406
10-11	2010	1.0192	1.0517
9-10	2011	1.0246	1.0663
8-9	2012	1.0316	1.0862
7-8	2013	1.0411	1.1142
6-7	2014	1.0543	1.1559
5-6	2015	1.0737	1.2223
4-5	2016	1.1046	1.3392
3-4	2017	1.1599	1.5770
2-3	2018	1.2845	2.1891
1-2	2019	1.7749	4.3521

INDEMNITY	Policy Year	Benefit Level Factor	LAE
Beyond	2000	1.3149	1.2790
19-20	2001	1.2842	1.2790
18-19	2002	1.2555	1.2790
17-18	2003	1.2251	1.2790
16-17	2004	1.2107	1.2790
15-16	2005	1.1941	1.2790
14-15	2006	1.1693	1.2790
13-14	2007	1.1385	1.2790
12-13	2008	1.1193	1.2790
11-12	2009	1.1153	1.2790
10-11	2010	1.1181	1.2790
9-10	2011	1.1216	1.2790
8-9	2012	1.1056	1.2790
7-8	2013	1.0820	1.2790
6-7	2014	1.0695	1.2790
5-6	2015	1.0679	1.2790
4-5	2016	1.0518	1.2790
3-4	2017	1.0383	1.2790
2-3	2018	1.0442	1.2790
1-2	2019	1.0266	1.2790

INDEMNITY	Policy Year	Incurred Base	Paid to 20th Base
Beyond	2000	38,522,864	38,049,524
19-20	2001	33,752,959	33,083,257
18-19	2002	33,560,783	33,444,092
17-18	2003	38,612,821	37,862,530
16-17	2004	39,900,402	39,384,115
15-16	2005	40,371,375	39,745,017
14-15	2006	44,329,434	43,329,101
13-14	2007	42,707,017	41,671,651
12-13	2008	40,360,418	39,276,314
11-12	2009	45,700,674	42,877,458
10-11	2010	39,929,798	38,555,762
9-10	2011	38,122,853	37,283,249
8-9	2012	37,189,219	34,613,977
7-8	2013	38,321,322	35,405,202
6-7	2014	31,588,864	30,245,327
5-6	2015	33,554,027	30,538,810
4-5	2016	33,923,180	27,695,428
3-4	2017	30,490,262	24,999,101
2-3	2018	26,304,950	15,994,683
1-2	2019	23,953,164	9,993,703

INDEMNITY	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-20)
Beyond	2000	39,345,595	39,096,855	39,594,335
19-20	2001	34,341,158	34,255,878	34,426,437
18-19	2002	34,431,381	34,060,839	34,801,922
17-18	2003	39,293,951	39,188,152	39,399,749
16-17	2004	40,739,014	40,494,918	40,983,110
15-16	2005	41,165,787	40,972,908	41,358,665
14-15	2006	45,039,103	44,989,943	45,088,263
13-14	2007	43,353,436	43,343,352	43,363,520
12-13	2008	40,916,360	40,961,788	40,870,932
11-12	2009	45,499,949	46,381,614	44,618,283
10-11	2010	40,622,773	40,696,450	40,549,095
9-10	2011	39,407,902	39,060,675	39,755,128
8-9	2012	37,981,050	38,364,398	37,597,702
7-8	2013	39,672,402	39,896,328	39,448,476
6-7	2014	34,132,356	33,304,139	34,960,573
5-6	2015	36,677,273	36,026,959	37,327,587
4-5	2016	37,280,631	37,471,545	37,089,717
3-4	2017	37,394,619	35,365,655	39,423,582
2-3	2018	34,401,335	33,788,708	35,013,961
1-2	2019	43,004,033	42,514,471	43,493,595

INDEMNITY	Policy Year	Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-20)
Beyond	2000	66,169,734	65,751,413	66,588,054
19-20	2001	56,405,070	56,264,999	56,545,140
18-19	2002	55,289,377	54,694,367	55,884,387
17-18	2003	61,569,805	61,404,029	61,735,581
16-17	2004	63,083,764	62,705,785	63,461,743
15-16	2005	62,870,608	62,576,034	63,165,182
14-15	2006	67,357,542	67,284,021	67,431,062
13-14	2007	63,128,738	63,114,054	63,143,421
12-13	2008	58,575,235	58,640,269	58,510,201
11-12	2009	64,904,253	66,161,921	63,646,584
10-11	2010	58,092,592	58,197,954	57,987,229
9-10	2011	56,531,675	56,033,569	57,029,781
8-9	2012	53,707,575	54,249,653	53,165,497
7-8	2013	54,901,765	55,211,651	54,591,878
6-7	2014	46,689,326	45,556,415	47,822,236
5-6	2015	50,095,437	49,207,209	50,983,664
4-5	2016	50,151,851	50,408,678	49,895,023
3-4	2017	49,659,519	46,965,084	52,353,953
2-3	2018	45,944,076	45,125,894	46,762,258
1-2	2019	56,465,216	55,822,410	57,108,021

INDEMNITY	Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-20)
	2000	0.7679	0.7631	0.7728
	2001	0.6316	0.6300	0.6332
	2002	0.5685	0.5624	0.5746
	2003	0.5939	0.5923	0.5955
	2004	0.4962	0.4932	0.4992
	2005	0.4623	0.4601	0.4645
	2006	0.4700	0.4695	0.4705
	2007	0.4410	0.4409	0.4411
	2008	0.4007	0.4011	0.4002
	2009	0.4475	0.4561	0.4388
	2010	0.4125	0.4132	0.4117
	2011	0.3988	0.3953	0.4024
	2012	0.4049	0.4090	0.4008
	2013	0.4394	0.4418	0.4369
	2014	0.3702	0.3612	0.3792
	2015	0.3637	0.3572	0.3701
	2016	0.3392	0.3410	0.3375
	2017	0.3064	0.2898	0.3230
	2018	0.2740	0.2691	0.2789
	2019	0.3171	0.3135	0.3208

INDEMNITY FREQUENCY	Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/20	Selected Ann Trend	Trend Period # Years	Trend 1/1/20-12/1/22	Combined Trend Factor
	2009	11.95	1.0000					
	2010	11.52	0.9640					
	2011	10.63	0.8895					
	2012	9.57	0.8008					
	2013	9.87	0.8259					
	2014	8.65	0.7238					
	2015	8.93	0.7473					
	2016	7.68	0.6427	0.8604	-4.9%	2.9167	0.8640	0.7434
	2017	7.88	0.6594	0.9046	-4.9%	2.9167	0.8640	0.7816
	2018	7.06	0.5908	0.9511	-4.9%	2.9167	0.8640	0.8217
	2019*	7.38	0.6176	1.0000	-4.9%	2.9167	0.8640	0.8640

\* Adjusted to a full Policy Year

INDEMNITY SEVERITY RATIOS	Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-20)
	2009	0.4475	0.4561	0.4388
	2010	0.4279	0.4286	0.4271
	2011	0.4483	0.4444	0.4524
	2012	0.5056	0.5107	0.5005
	2013	0.5320	0.5349	0.5290
	2014	0.5114	0.4990	0.5239
	2015	0.4867	0.4780	0.4953
	2016	0.5278	0.5306	0.5251
	2017	0.4647	0.4395	0.4898
	2018	0.4638	0.4555	0.4721
	2019	0.5135	0.5076	0.5195

INDEMNITY Linear <b>FITTED</b>	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.4990	0.4913	0.5068
	2017	0.4946	0.4860	0.5034
	2018	0.4903	0.4807	0.4999
	2019	0.4859	0.4754	0.4965
5 Point	2015	0.4934	0.4854	0.5013
	2016	0.4923	0.4838	0.5008
	2017	0.4913	0.4822	0.5004
	2018	0.4903	0.4807	0.4999
	2019	0.4892	0.4791	0.4994
6 Point	2014	0.5033	0.4933	0.5133
	2015	0.4998	0.4900	0.5097
	2016	0.4964	0.4867	0.5061
	2017	0.4929	0.4834	0.5025
	2018	0.4895	0.4801	0.4988
	2019	0.4860	0.4768	0.4952
7 Point	2013	0.5185	0.5144	0.5226
	2014	0.5123	0.5070	0.5176
	2015	0.5062	0.4996	0.5127
	2016	0.5000	0.4922	0.5078
	2017	0.4938	0.4848	0.5029
	2018	0.4877	0.4773	0.4980
	2019	0.4815	0.4699	0.4931
8 Point	2012	0.5167	0.5172	0.5162
	2013	0.5121	0.5107	0.5136
	2014	0.5076	0.5042	0.5109
	2015	0.5030	0.4977	0.5082
	2016	0.4984	0.4912	0.5056
	2017	0.4938	0.4848	0.5029
	2018	0.4892	0.4783	0.5002
	2019	0.4847	0.4718	0.4976
9 Point	2011	0.4937	0.4937	0.4938
	2012	0.4940	0.4925	0.4955
	2013	0.4943	0.4913	0.4973
	2014	0.4946	0.4901	0.4991
	2015	0.4949	0.4889	0.5008
	2016	0.4952	0.4877	0.5026
	2017	0.4954	0.4865	0.5044
	2018	0.4957	0.4853	0.5061
	2019	0.4960	0.4841	0.5079
10 Point	2010	0.4708	0.4720	0.4696
	2011	0.4747	0.4744	0.4749
	2012	0.4785	0.4768	0.4802
	2013	0.4824	0.4793	0.4855
	2014	0.4862	0.4817	0.4908
	2015	0.4901	0.4841	0.4961
	2016	0.4940	0.4865	0.5014
	2017	0.4978	0.4889	0.5067
	2018	0.5017	0.4913	0.5120
	2019	0.5055	0.4938	0.5174



INDEMNITY Linear <b>TRENDED</b>		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	0.4731	0.4599	0.4864
5 Point	Fitted	0.4862	0.4744	0.4981
6 Point	Fitted	0.4759	0.4671	0.4846
7 Point	Fitted	0.4635	0.4483	0.4787
8 Point	Fitted	0.4713	0.4529	0.4898
9 Point	Fitted	0.4968	0.4806	0.5131
10 Point	Fitted	0.5168	0.5008	0.5328

INDEMNITY Linear <b>Severity Trend Factor</b>		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2016	0.9481	0.9362	0.9597
	2017	0.9565	0.9464	0.9663
	2018	0.9650	0.9568	0.9730
	2019	0.9737	0.9675	0.9797
5 Point	2016	0.9875	0.9806	0.9946
	2017	0.9896	0.9838	0.9955
	2018	0.9917	0.9870	0.9964
	2019	0.9938	0.9903	0.9973
6 Point	2016	0.9587	0.9598	0.9576
	2017	0.9654	0.9664	0.9645
	2018	0.9723	0.9731	0.9715
	2019	0.9792	0.9798	0.9786
7 Point	2016	0.9270	0.9110	0.9427
	2017	0.9386	0.9249	0.9520
	2018	0.9505	0.9392	0.9613
	2019	0.9626	0.9540	0.9709
8 Point	2016	0.9456	0.9219	0.9688
	2017	0.9544	0.9342	0.9739
	2018	0.9633	0.9469	0.9791
	2019	0.9724	0.9599	0.9844
9 Point	2016	1.0034	0.9854	1.0208
	2017	1.0028	0.9879	1.0172
	2018	1.0023	0.9903	1.0137
	2019	1.0017	0.9928	1.0101
10 Point	2016	1.0462	1.0294	1.0626
	2017	1.0381	1.0243	1.0515
	2018	1.0301	1.0193	1.0406
	2019	1.0223	1.0143	1.0299

INDEMNITY Expon'l <b>FITTED</b>	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.4979	0.4890	0.5064
	2017	0.4937	0.4842	0.5029
	2018	0.4895	0.4795	0.4994
	2019	0.4854	0.4749	0.4960
5 Point	2015	0.4928	0.4842	0.5011
	2016	0.4917	0.4827	0.5005
	2017	0.4906	0.4811	0.5000
	2018	0.4895	0.4795	0.4994
	2019	0.4885	0.4780	0.4989
6 Point	2014	0.5030	0.4927	0.5132
	2015	0.4994	0.4892	0.5094
	2016	0.4958	0.4858	0.5057
	2017	0.4923	0.4823	0.5020
	2018	0.4887	0.4789	0.4984
	2019	0.4852	0.4756	0.4948
7 Point	2013	0.5182	0.5138	0.5225
	2014	0.5118	0.5061	0.5174
	2015	0.5055	0.4985	0.5124
	2016	0.4993	0.4910	0.5074
	2017	0.4931	0.4836	0.5025
	2018	0.4870	0.4764	0.4976
	2019	0.4810	0.4692	0.4927
8 Point	2012	0.5167	0.5170	0.5162
	2013	0.5119	0.5102	0.5134
	2014	0.5071	0.5034	0.5106
	2015	0.5024	0.4967	0.5079
	2016	0.4977	0.4901	0.5052
	2017	0.4931	0.4836	0.5025
	2018	0.4885	0.4772	0.4998
	2019	0.4840	0.4709	0.4971
9 Point	2011	0.4925	0.4924	0.4927
	2012	0.4929	0.4912	0.4946
	2013	0.4933	0.4900	0.4965
	2014	0.4937	0.4889	0.4983
	2015	0.4940	0.4877	0.5002
	2016	0.4944	0.4866	0.5021
	2017	0.4948	0.4854	0.5040
	2018	0.4952	0.4842	0.5059
	2019	0.4955	0.4831	0.5078
10 Point	2010	0.4689	0.4701	0.4678
	2011	0.4729	0.4726	0.4732
	2012	0.4769	0.4751	0.4786
	2013	0.4809	0.4776	0.4840
	2014	0.4849	0.4802	0.4896
	2015	0.4890	0.4827	0.4952
	2016	0.4932	0.4853	0.5008
	2017	0.4973	0.4879	0.5066
	2018	0.5015	0.4905	0.5123
	2019	0.5057	0.4931	0.5182

INDEMNITY Expon'l <b>TRENDED</b>		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	0.4736	0.4616	0.4861
5 Point	Fitted	0.4853	0.4735	0.4973
6 Point	Fitted	0.4752	0.4658	0.4843
7 Point	Fitted	0.4639	0.4490	0.4789
8 Point	Fitted	0.4710	0.4529	0.4894
9 Point	Fitted	0.4966	0.4798	0.5134
10 Point	Fitted	0.5182	0.5008	0.5357

INDEMNITY Expon'l <b>Severity Trend Factor</b>		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2016	0.9513	0.9441	0.9600
	2017	0.9594	0.9533	0.9667
	2018	0.9675	0.9627	0.9733
	2019	0.9757	0.9721	0.9801
5 Point	2016	0.9870	0.9810	0.9935
	2017	0.9892	0.9842	0.9946
	2018	0.9914	0.9874	0.9957
	2019	0.9936	0.9906	0.9968
6 Point	2016	0.9584	0.9590	0.9577
	2017	0.9653	0.9658	0.9647
	2018	0.9723	0.9727	0.9718
	2019	0.9793	0.9796	0.9789
7 Point	2016	0.9291	0.9144	0.9438
	2017	0.9407	0.9283	0.9531
	2018	0.9525	0.9425	0.9624
	2019	0.9644	0.9568	0.9719
8 Point	2016	0.9463	0.9240	0.9687
	2017	0.9552	0.9364	0.9739
	2018	0.9641	0.9490	0.9792
	2019	0.9732	0.9618	0.9844
9 Point	2016	1.0045	0.9860	1.0226
	2017	1.0037	0.9884	1.0187
	2018	1.0030	0.9907	1.0149
	2019	1.0022	0.9931	1.0111
10 Point	2016	1.0509	1.0320	1.0695
	2017	1.0421	1.0265	1.0574
	2018	1.0334	1.0210	1.0455
	2019	1.0248	1.0156	1.0337

INDEMNITY Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2016	0.7048	0.6960	0.7134
	2017	0.7476	0.7397	0.7553
	2018	0.7929	0.7862	0.7995
	2019	0.8413	0.8359	0.8465
5 Point	2016	0.7341	0.7290	0.7394
	2017	0.7735	0.7689	0.7781
	2018	0.8149	0.8110	0.8187
	2019	0.8586	0.8556	0.8617
6 Point	2016	0.7127	0.7135	0.7119
	2017	0.7546	0.7553	0.7539
	2018	0.7989	0.7996	0.7983
	2019	0.8460	0.8465	0.8455
7 Point	2016	0.6891	0.6772	0.7008
	2017	0.7336	0.7229	0.7441
	2018	0.7810	0.7717	0.7899
	2019	0.8317	0.8243	0.8389
8 Point	2016	0.7030	0.6853	0.7202
	2017	0.7460	0.7302	0.7612
	2018	0.7915	0.7781	0.8045
	2019	0.8402	0.8294	0.8505
9 Point	2016	0.7459	0.7325	0.7589
	2017	0.7838	0.7721	0.7950
	2018	0.8236	0.8137	0.8330
	2019	0.8655	0.8578	0.8727
10 Point	2016	0.7777	0.7653	0.7899
	2017	0.8114	0.8006	0.8219
	2018	0.8464	0.8376	0.8551
	2019	0.8833	0.8764	0.8898

INDEMNITY Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2016	0.7072	0.7018	0.7137
	2017	0.7499	0.7451	0.7556
	2018	0.7950	0.7911	0.7998
	2019	0.8430	0.8399	0.8468
5 Point	2016	0.7337	0.7293	0.7386
	2017	0.7732	0.7693	0.7774
	2018	0.8146	0.8113	0.8182
	2019	0.8585	0.8559	0.8612
6 Point	2016	0.7125	0.7129	0.7120
	2017	0.7545	0.7549	0.7540
	2018	0.7989	0.7993	0.7985
	2019	0.8461	0.8464	0.8458
7 Point	2016	0.6907	0.6798	0.7016
	2017	0.7353	0.7256	0.7449
	2018	0.7827	0.7745	0.7908
	2019	0.8332	0.8267	0.8397
8 Point	2016	0.7035	0.6869	0.7201
	2017	0.7466	0.7319	0.7612
	2018	0.7922	0.7798	0.8046
	2019	0.8408	0.8310	0.8505
9 Point	2016	0.7467	0.7330	0.7602
	2017	0.7845	0.7725	0.7962
	2018	0.8242	0.8141	0.8339
	2019	0.8659	0.8580	0.8736
10 Point	2016	0.7812	0.7672	0.7951
	2017	0.8145	0.8023	0.8265
	2018	0.8491	0.8390	0.8591
	2019	0.8854	0.8775	0.8931

INDEMNITY Linear <b>TRENDED LR</b>	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2016	0.2391	0.2373	0.2408
	2017	0.2291	0.2144	0.2440
	2018	0.2173	0.2116	0.2230
	2019	0.2668	0.2621	0.2716
	4 Yr Ave	0.2381	0.2314	0.2449
5 Point	2016	0.2490	0.2486	0.2495
	2017	0.2370	0.2228	0.2513
	2018	0.2233	0.2182	0.2283
	2019	0.2723	0.2682	0.2764
	4 Yr Ave	0.2454	0.2395	0.2514
6 Point	2016	0.2417	0.2433	0.2403
	2017	0.2312	0.2189	0.2435
	2018	0.2189	0.2152	0.2226
	2019	0.2683	0.2654	0.2712
	4 Yr Ave	0.2400	0.2357	0.2444
7 Point	2016	0.2337	0.2309	0.2365
	2017	0.2248	0.2095	0.2403
	2018	0.2140	0.2077	0.2203
	2019	0.2637	0.2584	0.2691
	4 Yr Ave	0.2341	0.2266	0.2416
8 Point	2016	0.2385	0.2337	0.2431
	2017	0.2286	0.2116	0.2459
	2018	0.2169	0.2094	0.2244
	2019	0.2664	0.2600	0.2728
	4 Yr Ave	0.2376	0.2287	0.2466
9 Point	2016	0.2530	0.2498	0.2561
	2017	0.2402	0.2238	0.2568
	2018	0.2257	0.2190	0.2323
	2019	0.2745	0.2689	0.2800
	4 Yr Ave	0.2484	0.2404	0.2563
10 Point	2016	0.2638	0.2610	0.2666
	2017	0.2486	0.2320	0.2655
	2018	0.2319	0.2254	0.2385
	2019	0.2801	0.2748	0.2854
	4 Yr Ave	0.2561	0.2483	0.2640

INDEMNITY Expon'l <b>TRENDED LR</b>	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2016	0.2399	0.2393	0.2409
	2017	0.2298	0.2159	0.2441
	2018	0.2178	0.2129	0.2231
	2019	0.2673	0.2633	0.2717
	4 Yr Ave	0.2387	0.2329	0.2450
5 Point	2016	0.2489	0.2487	0.2493
	2017	0.2369	0.2229	0.2511
	2018	0.2232	0.2183	0.2282
	2019	0.2722	0.2683	0.2763
	4 Yr Ave	0.2453	0.2396	0.2512
6 Point	2016	0.2417	0.2431	0.2403
	2017	0.2312	0.2188	0.2435
	2018	0.2189	0.2151	0.2227
	2019	0.2683	0.2653	0.2713
	4 Yr Ave	0.2400	0.2356	0.2445
7 Point	2016	0.2343	0.2318	0.2368
	2017	0.2253	0.2103	0.2406
	2018	0.2145	0.2084	0.2206
	2019	0.2642	0.2592	0.2694
	4 Yr Ave	0.2346	0.2274	0.2419
8 Point	2016	0.2386	0.2342	0.2430
	2017	0.2288	0.2121	0.2459
	2018	0.2171	0.2098	0.2244
	2019	0.2666	0.2605	0.2728
	4 Yr Ave	0.2378	0.2292	0.2465
9 Point	2016	0.2533	0.2500	0.2566
	2017	0.2404	0.2239	0.2572
	2018	0.2258	0.2191	0.2326
	2019	0.2746	0.2690	0.2803
	4 Yr Ave	0.2485	0.2405	0.2567
10 Point	2016	0.2650	0.2616	0.2683
	2017	0.2496	0.2325	0.2670
	2018	0.2327	0.2258	0.2396
	2019	0.2808	0.2751	0.2865
	4 Yr Ave	0.2570	0.2488	0.2654





MEDICAL	Policy Year	Selected Incurred LDF	Selected Paid to 20th LDF
Beyond	2000	1.0322	1.0322
19-20	2001	1.0012	1.0250
18-19	2002	1.0016	1.0123
17-18	2003	1.0020	1.0133
16-17	2004	1.0026	1.0144
15-16	2005	1.0032	1.0155
14-15	2006	1.0040	1.0169
13-14	2007	1.0050	1.0184
12-13	2008	1.0062	1.0200
11-12	2009	1.0076	1.0220
10-11	2010	1.0094	1.0242
9-10	2011	1.0116	1.0267
8-9	2012	1.0144	1.0298
7-8	2013	1.0181	1.0335
6-7	2014	1.0230	1.0381
5-6	2015	1.0298	1.0444
4-5	2016	1.0397	1.0541
3-4	2017	1.0553	1.0736
2-3	2018	1.0838	1.1353
1-2	2019	1.1547	1.3672

MEDICAL	Policy Year	Incurred Cum LDF	Paid to 20th Cum LDF
Beyond	2000	1.0322	1.0322
19-20	2001	1.0334	1.0580
18-19	2002	1.0351	1.0710
17-18	2003	1.0372	1.0853
16-17	2004	1.0399	1.1009
15-16	2005	1.0432	1.1180
14-15	2006	1.0474	1.1368
13-14	2007	1.0526	1.1578
12-13	2008	1.0591	1.1809
11-12	2009	1.0672	1.2069
10-11	2010	1.0772	1.2361
9-10	2011	1.0897	1.2691
8-9	2012	1.1054	1.3069
7-8	2013	1.1254	1.3507
6-7	2014	1.1513	1.4022
5-6	2015	1.1856	1.4644
4-5	2016	1.2327	1.5437
3-4	2017	1.3008	1.6573
2-3	2018	1.4098	1.8815
1-2	2019	1.6279	2.5724

MEDICAL	Policy Year	Benefit Level Factor	LAE
Beyond	2000	1.0000	1.2790
19-20	2001	1.0000	1.2790
18-19	2002	1.0000	1.2790
17-18	2003	1.0000	1.2790
16-17	2004	1.0000	1.2790
15-16	2005	1.0000	1.2790
14-15	2006	1.0000	1.2790
13-14	2007	1.0000	1.2790
12-13	2008	1.0000	1.2790
11-12	2009	1.0000	1.2790
10-11	2010	1.0000	1.2790
9-10	2011	1.0000	1.2790
8-9	2012	1.0000	1.2790
7-8	2013	1.0000	1.2790
6-7	2014	1.0000	1.2790
5-6	2015	1.0000	1.2790
4-5	2016	1.0000	1.2790
3-4	2017	1.0000	1.2790
2-3	2018	1.0000	1.2790
1-2	2019	1.0000	1.2790

MEDICAL	Policy Year	Incurred Base	Paid to 20th Base
Beyond	2000	25,755,648	24,341,532
19-20	2001	22,314,788	20,177,767
18-19	2002	25,101,012	24,157,846
17-18	2003	29,616,422	26,738,322
16-17	2004	35,702,027	30,184,395
15-16	2005	33,138,330	30,153,601
14-15	2006	34,262,328	31,361,930
13-14	2007	36,495,352	33,688,975
12-13	2008	36,854,616	33,366,544
11-12	2009	42,246,224	36,779,831
10-11	2010	44,599,162	39,659,958
9-10	2011	38,851,279	34,592,585
8-9	2012	32,880,243	30,824,789
7-8	2013	35,573,144	32,119,193
6-7	2014	29,865,279	26,469,145
5-6	2015	32,621,317	29,888,077
4-5	2016	34,632,150	28,914,093
3-4	2017	32,414,614	26,785,487
2-3	2018	27,215,994	20,394,614
1-2	2019	27,637,037	15,679,273

MEDICAL	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-20)
Beyond	2000	28,432,112	27,486,428	29,377,795
19-20	2001	24,083,445	23,814,342	24,352,547
18-19	2002	27,971,952	26,787,800	29,156,104
17-18	2003	31,938,564	31,606,646	32,270,481
16-17	2004	37,265,375	38,101,203	36,429,546
15-16	2005	35,878,804	35,365,226	36,392,381
14-15	2006	37,207,735	36,564,756	37,850,713
13-14	2007	39,803,532	38,947,840	40,659,224
12-13	2008	39,800,664	39,331,246	40,270,082
11-12	2009	44,737,374	45,085,170	44,389,578
10-11	2010	48,532,946	48,042,217	49,023,674
9-10	2011	43,118,845	42,336,239	43,901,450
8-9	2012	38,315,369	36,345,821	40,284,917
7-8	2013	41,708,705	40,034,016	43,383,394
6-7	2014	35,749,466	34,383,896	37,115,035
5-6	2015	41,221,967	38,675,833	43,768,100
4-5	2016	43,662,868	42,691,051	44,634,685
3-4	2017	43,278,259	42,164,930	44,391,588
2-3	2018	38,370,787	38,369,108	38,372,466
1-2	2019	42,661,848	44,990,333	40,333,362

MEDICAL	Policy Year	Adjusted Ult Loss (Avg Pd & Inc)	Adjusted Ult Loss (Incur)	Adjusted Ult Loss (Pd-20)
Beyond	2000	36,364,671	35,155,141	37,574,200
19-20	2001	30,802,726	30,458,543	31,146,908
18-19	2002	35,776,127	34,261,596	37,290,657
17-18	2003	40,849,423	40,424,900	41,273,945
16-17	2004	47,662,414	48,731,439	46,593,389
15-16	2005	45,888,990	45,232,124	46,545,855
14-15	2006	47,588,693	46,766,323	48,411,062
13-14	2007	50,908,717	49,814,287	52,003,147
12-13	2008	50,905,050	50,304,664	51,505,435
11-12	2009	57,219,101	57,663,932	56,774,270
10-11	2010	62,073,638	61,445,996	62,701,279
9-10	2011	55,149,003	54,148,050	56,149,955
8-9	2012	49,005,357	46,486,305	51,524,409
7-8	2013	53,345,434	51,203,506	55,487,361
6-7	2014	45,723,567	43,977,003	47,470,130
5-6	2015	52,722,895	49,466,390	55,979,400
4-5	2016	55,844,808	54,601,854	57,087,762
3-4	2017	55,352,893	53,928,945	56,776,841
2-3	2018	49,076,237	49,074,089	49,078,384
1-2	2019	54,564,503	57,542,636	51,586,370

MEDICAL

Policy Year	Ultimate Loss Ratio (Avg Pd & Inc)	Ultimate Loss Ratio (Incur)	Ultimate Loss Ratio (Pd-20)
2000	0.4220	0.4080	0.4361
2001	0.3449	0.3411	0.3488
2002	0.3678	0.3523	0.3834
2003	0.3940	0.3899	0.3981
2004	0.3749	0.3833	0.3665
2005	0.3374	0.3326	0.3423
2006	0.3320	0.3263	0.3378
2007	0.3556	0.3480	0.3633
2008	0.3482	0.3441	0.3523
2009	0.3945	0.3975	0.3914
2010	0.4407	0.4363	0.4452
2011	0.3891	0.3820	0.3961
2012	0.3695	0.3505	0.3885
2013	0.4269	0.4098	0.4440
2014	0.3625	0.3487	0.3764
2015	0.3827	0.3591	0.4064
2016	0.3778	0.3694	0.3862
2017	0.3415	0.3328	0.3503
2018	0.2927	0.2927	0.2927
2019	0.3065	0.3232	0.2897

MEDICAL FREQUENCY

Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/20	Selected Ann Trend	Trend Period # Years	Trend 1/1/20-12/1/22	Combined Trend Factor
2009	11.95	1.0000					
2010	11.52	0.9640					
2011	10.63	0.8895					
2012	9.57	0.8008					
2013	9.87	0.8259					
2014	8.65	0.7238					
2015	8.93	0.7473					
2016	7.68	0.6427	0.8604	-4.9%	2.9167	0.8640	0.7434
2017	7.88	0.6594	0.9046	-4.9%	2.9167	0.8640	0.7816
2018	7.06	0.5908	0.9511	-4.9%	2.9167	0.8640	0.8217
2019*	7.38	0.6176	1.0000	-4.9%	2.9167	0.8640	0.8640

\* Adjusted to a full Policy Year

MEDICAL SEVERITY RATIOS

Policy Year	Ultimate Severity Ratio (Average)	Ultimate Severity Ratio (Incur)	Ultimate Severity Ratio (Pd-20)
2009	0.3945	0.3975	0.3914
2010	0.4571	0.4526	0.4618
2011	0.4374	0.4294	0.4453
2012	0.4614	0.4377	0.4851
2013	0.5169	0.4962	0.5376
2014	0.5008	0.4817	0.5200
2015	0.5121	0.4805	0.5438
2016	0.5879	0.5748	0.6009
2017	0.5179	0.5047	0.5312
2018	0.4954	0.4954	0.4954
2019	0.4963	0.5233	0.4691

MEDICAL Linear <b>FITTED</b>	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.5690	0.5491	0.5888
	2017	0.5392	0.5327	0.5457
	2018	0.5095	0.5164	0.5026
	2019	0.4798	0.5000	0.4595
5 Point	2015	0.5467	0.5145	0.5791
	2016	0.5343	0.5151	0.5536
	2017	0.5219	0.5157	0.5281
	2018	0.5095	0.5164	0.5026
	2019	0.4971	0.5170	0.4771
6 Point	2014	0.5286	0.4970	0.5603
	2015	0.5245	0.5022	0.5469
	2016	0.5204	0.5075	0.5334
	2017	0.5164	0.5127	0.5200
	2018	0.5123	0.5179	0.5066
	2019	0.5082	0.5231	0.4932
7 Point	2013	0.5253	0.4938	0.5569
	2014	0.5230	0.4986	0.5474
	2015	0.5206	0.5033	0.5378
	2016	0.5182	0.5081	0.5283
	2017	0.5158	0.5128	0.5187
	2018	0.5134	0.5176	0.5092
	2019	0.5110	0.5223	0.4996
8 Point	2012	0.5001	0.4677	0.5326
	2013	0.5032	0.4767	0.5298
	2014	0.5064	0.4857	0.5270
	2015	0.5095	0.4948	0.5243
	2016	0.5127	0.5038	0.5215
	2017	0.5158	0.5128	0.5187
	2018	0.5189	0.5219	0.5160
	2019	0.5221	0.5309	0.5132
9 Point	2011	0.4745	0.4476	0.5013
	2012	0.4816	0.4586	0.5046
	2013	0.4887	0.4696	0.5078
	2014	0.4958	0.4805	0.5110
	2015	0.5029	0.4915	0.5143
	2016	0.5100	0.5025	0.5175
	2017	0.5171	0.5135	0.5207
	2018	0.5242	0.5245	0.5240
	2019	0.5313	0.5354	0.5272
10 Point	2010	0.4638	0.4421	0.4855
	2011	0.4715	0.4523	0.4908
	2012	0.4791	0.4624	0.4960
	2013	0.4868	0.4725	0.5012
	2014	0.4945	0.4826	0.5064
	2015	0.5022	0.4927	0.5116
	2016	0.5098	0.5028	0.5168
	2017	0.5175	0.5129	0.5221
	2018	0.5252	0.5230	0.5273
	2019	0.5328	0.5331	0.5325

MEDICAL Expon'l <b>FITTED</b>	Policy Year	Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.5683	0.5478	0.5895
	2017	0.5377	0.5316	0.5435
	2018	0.5088	0.5159	0.5011
	2019	0.4815	0.5006	0.4620
5 Point	2015	0.5458	0.5125	0.5802
	2016	0.5332	0.5136	0.5525
	2017	0.5209	0.5147	0.5262
	2018	0.5088	0.5159	0.5011
	2019	0.4971	0.5170	0.4772
6 Point	2014	0.5276	0.4956	0.5607
	2015	0.5235	0.5010	0.5462
	2016	0.5195	0.5064	0.5321
	2017	0.5155	0.5118	0.5183
	2018	0.5115	0.5173	0.5049
	2019	0.5075	0.5229	0.4918
7 Point	2013	0.5248	0.4930	0.5577
	2014	0.5223	0.4977	0.5472
	2015	0.5198	0.5024	0.5370
	2016	0.5174	0.5072	0.5269
	2017	0.5149	0.5120	0.5170
	2018	0.5125	0.5169	0.5074
	2019	0.5101	0.5218	0.4979
8 Point	2012	0.4987	0.4666	0.5320
	2013	0.5019	0.4753	0.5290
	2014	0.5052	0.4843	0.5260
	2015	0.5084	0.4934	0.5230
	2016	0.5117	0.5026	0.5200
	2017	0.5149	0.5120	0.5170
	2018	0.5182	0.5216	0.5141
	2019	0.5216	0.5314	0.5112
9 Point	2011	0.4727	0.4470	0.4992
	2012	0.4797	0.4573	0.5025
	2013	0.4869	0.4679	0.5058
	2014	0.4941	0.4787	0.5091
	2015	0.5014	0.4898	0.5124
	2016	0.5088	0.5012	0.5158
	2017	0.5164	0.5128	0.5192
	2018	0.5240	0.5246	0.5226
	2019	0.5318	0.5368	0.5260
10 Point	2010	0.4628	0.4422	0.4839
	2011	0.4701	0.4516	0.4890
	2012	0.4776	0.4612	0.4941
	2013	0.4852	0.4709	0.4993
	2014	0.4929	0.4809	0.5045
	2015	0.5007	0.4911	0.5098
	2016	0.5087	0.5015	0.5151
	2017	0.5167	0.5121	0.5205
	2018	0.5249	0.5230	0.5260
	2019	0.5333	0.5340	0.5315

MEDICAL Linear <b>TRENDED</b>		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	0.3931	0.4522	0.3337
5 Point	Fitted	0.4609	0.5188	0.4028
6 Point	Fitted	0.4963	0.5383	0.4541
7 Point	Fitted	0.5041	0.5362	0.4718
8 Point	Fitted	0.5312	0.5572	0.5051
9 Point	Fitted	0.5521	0.5675	0.5367
10 Point	Fitted	0.5552	0.5626	0.5477

MEDICAL Linear <b>Severity Trend Factor</b>		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2016	0.6908	0.8235	0.5667
	2017	0.7289	0.8488	0.6115
	2018	0.7715	0.8758	0.6640
	2019	0.8193	0.9044	0.7263
5 Point	2016	0.8626	1.0071	0.7276
	2017	0.8831	1.0059	0.7627
	2018	0.9046	1.0047	0.8014
	2019	0.9272	1.0035	0.8442
6 Point	2016	0.9537	1.0608	0.8512
	2017	0.9612	1.0500	0.8732
	2018	0.9689	1.0395	0.8963
	2019	0.9766	1.0291	0.9207
7 Point	2016	0.9728	1.0553	0.8931
	2017	0.9773	1.0455	0.9095
	2018	0.9818	1.0359	0.9266
	2019	0.9864	1.0265	0.9443
8 Point	2016	1.0363	1.1060	0.9686
	2017	1.0299	1.0866	0.9738
	2018	1.0237	1.0678	0.9790
	2019	1.0176	1.0496	0.9843
9 Point	2016	1.0825	1.1293	1.0370
	2017	1.0676	1.1051	1.0306
	2018	1.0531	1.0820	1.0242
	2019	1.0390	1.0598	1.0179
10 Point	2016	1.0890	1.1190	1.0597
	2017	1.0729	1.0969	1.0491
	2018	1.0572	1.0757	1.0387
	2019	1.0420	1.0553	1.0286

MEDICAL Expon'l <b>TRENDED</b>		Severity Ratio (Average)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	0.4098	0.4586	0.3645
5 Point	Fitted	0.4643	0.5203	0.4138
6 Point	Fitted	0.4962	0.5396	0.4556
7 Point	Fitted	0.5031	0.5364	0.4712
8 Point	Fitted	0.5314	0.5610	0.5027
9 Point	Fitted	0.5551	0.5738	0.5361
10 Point	Fitted	0.5583	0.5677	0.5479

MEDICAL Expon'l <b>Severity Trend Factor</b>		Sev Trend Factor (Average)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2016	0.7211	0.8373	0.6183
	2017	0.7621	0.8628	0.6706
	2018	0.8054	0.8891	0.7274
	2019	0.8512	0.9162	0.7890
5 Point	2016	0.8708	1.0131	0.7489
	2017	0.8914	1.0109	0.7864
	2018	0.9125	1.0087	0.8258
	2019	0.9341	1.0064	0.8672
6 Point	2016	0.9552	1.0656	0.8563
	2017	0.9626	1.0542	0.8790
	2018	0.9701	1.0429	0.9024
	2019	0.9776	1.0318	0.9264
7 Point	2016	0.9724	1.0575	0.8942
	2017	0.9770	1.0476	0.9113
	2018	0.9816	1.0377	0.9286
	2019	0.9863	1.0280	0.9464
8 Point	2016	1.0385	1.1163	0.9668
	2017	1.0319	1.0957	0.9723
	2018	1.0253	1.0755	0.9779
	2019	1.0188	1.0557	0.9835
9 Point	2016	1.0910	1.1450	1.0394
	2017	1.0750	1.1191	1.0326
	2018	1.0593	1.0938	1.0259
	2019	1.0439	1.0690	1.0192
10 Point	2016	1.0976	1.1320	1.0636
	2017	1.0805	1.1085	1.0526
	2018	1.0636	1.0855	1.0417
	2019	1.0470	1.0630	1.0309

MEDICAL Linear LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2016	0.5135	0.6122	0.4213
	2017	0.5697	0.6634	0.4779
	2018	0.6339	0.7196	0.5456
	2019	0.7079	0.7814	0.6275
5 Point	2016	0.6413	0.7487	0.5409
	2017	0.6902	0.7862	0.5961
	2018	0.7433	0.8256	0.6585
	2019	0.8011	0.8670	0.7294
6 Point	2016	0.7090	0.7886	0.6328
	2017	0.7513	0.8207	0.6825
	2018	0.7961	0.8542	0.7365
	2019	0.8438	0.8891	0.7955
7 Point	2016	0.7232	0.7845	0.6639
	2017	0.7639	0.8172	0.7109
	2018	0.8067	0.8512	0.7614
	2019	0.8522	0.8869	0.8159
8 Point	2016	0.7704	0.8222	0.7201
	2017	0.8050	0.8493	0.7611
	2018	0.8412	0.8774	0.8044
	2019	0.8792	0.9069	0.8504
9 Point	2016	0.8047	0.8395	0.7709
	2017	0.8344	0.8637	0.8055
	2018	0.8653	0.8891	0.8416
	2019	0.8977	0.9157	0.8795
10 Point	2016	0.8096	0.8319	0.7878
	2017	0.8386	0.8573	0.8200
	2018	0.8687	0.8839	0.8535
	2019	0.9003	0.9118	0.8887



MEDICAL Expon'l LR Trend Factor		LR Trend Factor (Average)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2016	0.5361	0.6224	0.4596
	2017	0.5957	0.6744	0.5241
	2018	0.6618	0.7306	0.5977
	2019	0.7354	0.7916	0.6817
5 Point	2016	0.6474	0.7531	0.5567
	2017	0.6967	0.7901	0.6147
	2018	0.7498	0.8288	0.6786
	2019	0.8071	0.8695	0.7493
6 Point	2016	0.7101	0.7922	0.6366
	2017	0.7524	0.8240	0.6870
	2018	0.7971	0.8570	0.7415
	2019	0.8446	0.8915	0.8004
7 Point	2016	0.7229	0.7861	0.6647
	2017	0.7636	0.8188	0.7123
	2018	0.8066	0.8527	0.7630
	2019	0.8522	0.8882	0.8177
8 Point	2016	0.7720	0.8299	0.7187
	2017	0.8065	0.8564	0.7599
	2018	0.8425	0.8837	0.8035
	2019	0.8802	0.9121	0.8497
9 Point	2016	0.8110	0.8512	0.7727
	2017	0.8402	0.8747	0.8071
	2018	0.8704	0.8988	0.8430
	2019	0.9019	0.9236	0.8806
10 Point	2016	0.8160	0.8415	0.7907
	2017	0.8445	0.8664	0.8227
	2018	0.8740	0.8920	0.8560
	2019	0.9046	0.9184	0.8907

MEDICAL Linear <b>TRENDED LR</b>	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2016	0.1940	0.2261	0.1627
	2017	0.1946	0.2208	0.1674
	2018	0.1855	0.2106	0.1597
	2019	0.2170	0.2525	0.1818
	4 Yr Ave	0.1978	0.2275	0.1679
5 Point	2016	0.2423	0.2766	0.2089
	2017	0.2357	0.2616	0.2088
	2018	0.2176	0.2417	0.1927
	2019	0.2455	0.2802	0.2113
	4 Yr Ave	0.2353	0.2650	0.2054
6 Point	2016	0.2679	0.2913	0.2444
	2017	0.2566	0.2731	0.2391
	2018	0.2330	0.2500	0.2156
	2019	0.2586	0.2874	0.2305
	4 Yr Ave	0.2540	0.2755	0.2324
7 Point	2016	0.2732	0.2898	0.2564
	2017	0.2609	0.2720	0.2490
	2018	0.2361	0.2491	0.2229
	2019	0.2612	0.2866	0.2364
	4 Yr Ave	0.2579	0.2744	0.2412
8 Point	2016	0.2911	0.3037	0.2781
	2017	0.2749	0.2826	0.2666
	2018	0.2462	0.2568	0.2354
	2019	0.2695	0.2931	0.2464
	4 Yr Ave	0.2704	0.2841	0.2566
9 Point	2016	0.3040	0.3101	0.2977
	2017	0.2849	0.2874	0.2822
	2018	0.2533	0.2602	0.2463
	2019	0.2751	0.2960	0.2548
	4 Yr Ave	0.2793	0.2884	0.2703
10 Point	2016	0.3059	0.3073	0.3042
	2017	0.2864	0.2853	0.2872
	2018	0.2543	0.2587	0.2498
	2019	0.2759	0.2947	0.2575
	4 Yr Ave	0.2806	0.2865	0.2747

MEDICAL Expon'l <b>TRENDED LR</b>	Base Policy Year	Trended LR (Average)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2016	0.2025	0.2299	0.1775
	2017	0.2034	0.2244	0.1836
	2018	0.1937	0.2138	0.1749
	2019	0.2254	0.2558	0.1975
	4 Yr Ave	0.2063	0.2310	0.1834
5 Point	2016	0.2446	0.2782	0.2150
	2017	0.2379	0.2629	0.2153
	2018	0.2195	0.2426	0.1986
	2019	0.2474	0.2810	0.2171
	4 Yr Ave	0.2374	0.2662	0.2115
6 Point	2016	0.2683	0.2926	0.2459
	2017	0.2569	0.2742	0.2407
	2018	0.2333	0.2508	0.2170
	2019	0.2589	0.2881	0.2319
	4 Yr Ave	0.2544	0.2764	0.2339
7 Point	2016	0.2731	0.2904	0.2567
	2017	0.2608	0.2725	0.2495
	2018	0.2361	0.2496	0.2233
	2019	0.2612	0.2871	0.2369
	4 Yr Ave	0.2578	0.2749	0.2416
8 Point	2016	0.2917	0.3066	0.2776
	2017	0.2754	0.2850	0.2662
	2018	0.2466	0.2587	0.2352
	2019	0.2698	0.2948	0.2462
	4 Yr Ave	0.2709	0.2863	0.2563
9 Point	2016	0.3064	0.3144	0.2984
	2017	0.2869	0.2911	0.2827
	2018	0.2548	0.2631	0.2467
	2019	0.2764	0.2985	0.2551
	4 Yr Ave	0.2811	0.2918	0.2707
10 Point	2016	0.3083	0.3109	0.3054
	2017	0.2884	0.2883	0.2882
	2018	0.2558	0.2611	0.2506
	2019	0.2773	0.2968	0.2580
	4 Yr Ave	0.2825	0.2893	0.2756

INDEMNITY Severity Ann. Trend		(Average)	(Incur)	(Pd-20)
4 Point	Linear	-0.4%	-0.4%	-0.4%
5 Point	Linear	0.4%	0.5%	0.3%
6 Point	Linear	-0.2%	0.1%	-0.4%
7 Point	Linear	-0.8%	-0.9%	-0.7%
8 Point	Linear	-0.5%	-0.7%	-0.2%
9 Point	Linear	0.7%	0.6%	0.8%
10 Point	Linear	1.5%	1.4%	1.6%
4 Point	Expon'l	-0.8%	-1.0%	-0.7%
5 Point	Expon'l	-0.2%	-0.3%	-0.1%
6 Point	Expon'l	-0.7%	-0.7%	-0.7%
7 Point	Expon'l	-1.2%	-1.5%	-1.0%
8 Point	Expon'l	-0.9%	-1.3%	-0.5%
9 Point	Expon'l	0.1%	-0.2%	0.4%
10 Point	Expon'l	0.8%	0.5%	1.1%

MEDICAL Severity Ann. Trend		(Average)	(Incur)	(Pd-20)
4 Point	Linear	-6.1%	-2.9%	-9.7%
5 Point	Linear	-1.8%	1.0%	-4.8%
6 Point	Linear	0.2%	1.9%	-1.8%
7 Point	Linear	0.5%	1.8%	-0.9%
8 Point	Linear	1.7%	2.7%	0.7%
9 Point	Linear	2.6%	3.1%	2.0%
10 Point	Linear	2.7%	3.0%	2.4%
4 Point	Expon'l	-5.4%	-3.0%	-7.8%
5 Point	Expon'l	-2.3%	0.2%	-4.8%
6 Point	Expon'l	-0.8%	1.1%	-2.6%
7 Point	Expon'l	-0.5%	1.0%	-1.9%
8 Point	Expon'l	0.6%	1.9%	-0.6%
9 Point	Expon'l	1.5%	2.3%	0.7%
10 Point	Expon'l	1.6%	2.1%	1.0%

INDEMNITY		(Average)	(Incur)	(Pd-20)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-5.7%	-5.9%	-5.5%
5 Point	Linear	-5.1%	-5.2%	-5.0%
6 Point	Linear	-5.6%	-5.6%	-5.6%
7 Point	Linear	-6.1%	-6.4%	-5.8%
8 Point	Linear	-5.8%	-6.2%	-5.4%
9 Point	Linear	-4.8%	-5.1%	-4.6%
10 Point	Linear	-4.2%	-4.4%	-3.9%
4 Point	Expon'l	-5.7%	-5.8%	-5.5%
5 Point	Expon'l	-5.1%	-5.2%	-5.0%
6 Point	Expon'l	-5.6%	-5.6%	-5.6%
7 Point	Expon'l	-6.1%	-6.3%	-5.8%
8 Point	Expon'l	-5.8%	-6.1%	-5.4%
9 Point	Expon'l	-4.8%	-5.1%	-4.5%
10 Point	Expon'l	-4.1%	-4.4%	-3.8%

MEDICAL		(Average)	(Incur)	(Pd-20)
Loss Ratio				
Ann. Trend				
4 Point	Linear	-10.9%	-8.0%	-14.2%
5 Point	Linear	-7.3%	-4.8%	-10.2%
6 Point	Linear	-5.7%	-4.0%	-7.6%
7 Point	Linear	-5.4%	-4.1%	-6.8%
8 Point	Linear	-4.4%	-3.3%	-5.5%
9 Point	Linear	-3.7%	-3.0%	-4.4%
10 Point	Linear	-3.6%	-3.1%	-4.0%
4 Point	Expon'l	-10.1%	-7.7%	-12.4%
5 Point	Expon'l	-7.2%	-4.7%	-9.6%
6 Point	Expon'l	-5.7%	-3.9%	-7.5%
7 Point	Expon'l	-5.4%	-4.0%	-6.8%
8 Point	Expon'l	-4.3%	-3.1%	-5.5%
9 Point	Expon'l	-3.5%	-2.7%	-4.4%
10 Point	Expon'l	-3.4%	-2.9%	-4.0%