

PENNSYLVANIA COMPENSATION RATING BUREAU

Paid and Incurred Loss Development and Trend

Page 1 of the attachment shows the calculation of expected losses. Standard Earned Premiums are developed to ultimate, adjusted to current rate level, adjusted to remove expense constants, adjusted for the Pennsylvania Construction Classification Premium Adjustment Program, adjusted to remove assessments included in manual loss costs, and then multiplied by the factor representing the cumulative loss cost change to 04/01/21 to yield expected losses at current levels.

Pages 2 through 15 present indemnity losses.

Page 2 shows reported incurred and paid loss development factors and ratios of incurred to paid losses. Data for the latest two sets of factors (2018-2019 and 2019-2020) are based on the current Table I. Ratios for earlier periods are also shown for comparison purposes.

Subsequent pages will reflect the impact of changes legislated by Act 44 of 1993, Act 57 of 1996, HB 1846 of 2014 and HB 1840 of 2017 as well as the Pennsylvania Supreme Court decision in *Protz v. WCAB (Derry Area School District)* (Protz).

Page 3 shows post-House Bill 1840 and House Bill 1846 adjustment factors for incurred and paid loss development factors and ratios of incurred to paid losses.

Page 4 shows incurred and paid loss development factors and ratios of incurred to paid losses, adjusted to a post-House Bill 1840 and House Bill 1846 benefit level.

Page 5 shows the selected loss development factors and arranges the factors according to the loss development approach shown. There are two methods shown: case incurred and paid to twentieth. With the exception of the tail factor, and the twentieth-to-ultimate paid to incurred bridge factor, an average of the latest two factors has generally been selected. Tail factor and paid bridge factor calculations are presented in Exhibit 7.

Page 6 shows law adjustment factors applicable to reported incurred and paid losses as of 12/31/2020. Loss adjustment expense is not included in this analysis.

The top portion of Page 7 shows the reported loss base (paid or incurred losses depending on method) to which the loss development and law adjustment factors apply.

The middle portion of Page 7 shows projected ultimate losses calculated by multiplying the reported loss bases by the loss development and law adjustment factors.

The lower portion of Page 7 shows adjusted ultimate losses calculated by multiplying the projected ultimate losses by the benefit on-level factors. These adjusted ultimate losses are used to calculate the ultimate loss ratios on Page 8.

The top portion of Page 8 presents ultimate loss ratios (ratios of projected loss to expected loss) by policy year for each methodology. Expected losses include provisions for both indemnity and medical combined.

The middle portion of Page 8 presents information on claim frequencies, which are discussed further in Exhibit 8. 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 has selected an annual frequency trend factor of -6.2%.

The lower portion of Page 8 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 8 by the normalized claim frequencies in the middle portion of Page 8 for each policy year and loss development approach.

Page 9 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 10 shows those same straight lines trended to the midpoint of the prospective rating period (4/1/23). The second section of Page 10 shows severity trend factors by policy year calculated by dividing the trended points on Page 10 by the fitted values on Page 10.

Pages 11 and 12 present the analogous exponential severity trend factor calculation. Page 13 shows the loss ratio trend factors by policy year, which are the product of the severity (Page 12) and frequency (Page 8) trend factors that were previously calculated.

Pages 14 and 15 show averages of the three latest policy years trended to the midpoint of the prospective rating period (4/1/23) on a linear and an exponential basis, respectively.

Pages 16 through 29 show experience for medical losses laid out the same way as Pages 2 through 15. Page 30 shows a summary of annualized severity trend factors and Page 31 shows annualized loss ratio trend factors.

PREMIUMS	PDF 15-16	PDF 16-17	PDF 17-18	PDF 18-19	PDF 19-20	4 Year Average	Selected PDF
19-20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
18-19	0.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
17-18	1.0000	1.0000	1.0001	1.0000	1.0000	1.0000	1.0000
16-17	0.9999	1.0000	1.0001	1.0001	1.0000	1.0000	1.0000
15-16	1.0000	1.0000	0.9999	1.0000	1.0000	1.0000	1.0000
14-15	1.0000	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	1.0000
12-13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11-12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10-11	1.0000	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	1.0000
8-9	1.0002	0.9988	1.0000	1.0000	1.0000	0.9997	0.9997
7-8	0.9999	0.9999	1.0000	0.9996	1.0000	0.9999	0.9999
6-7	1.0011	1.0003	1.0004	1.0001	1.0000	1.0002	1.0002
5-6	1.0002	1.0002	1.0001	1.0001	1.0001	1.0001	1.0001
4-5	0.9999	0.9995	1.0000	1.0003	0.9999	0.9999	0.9999
3-4	0.9996	1.0005	0.9981	0.9990	0.9998	0.9993	0.9993
2-3	1.0012	1.0005	0.9991	0.9990	0.9977	0.9991	0.9991
1-2	1.0084	1.0090	1.0088	1.0128	1.0125	1.0108	1.0050

PREMIUMS	Policy Year	Reported SEP	Cum PDF	Ultimate SEP	Premium On-Level To 12/1/92	ECRF	PCCPAP Factor
19-20	2001	1,368,962,065	1.0000	1,368,962,065	1.0000	1.0000	0.9974
18-19	2002	1,447,567,784	1.0000	1,447,567,784	1.0000	1.0000	0.9988
17-18	2003	1,530,387,890	1.0000	1,530,387,890	1.0000	1.0000	0.9992
16-17	2004	1,641,607,361	1.0000	1,641,607,361	1.0000	1.0000	1.0000
15-16	2005	1,808,406,811	1.0000	1,808,406,811	1.0000	1.0000	1.0016
14-15	2006	1,791,174,193	1.0000	1,791,174,193	1.0000	1.0000	1.0019
13-14	2007	1,851,271,275	1.0000	1,851,271,275	1.0000	1.0000	1.0013
12-13	2008	1,702,620,401	1.0000	1,702,620,401	1.0000	1.0000	0.9989
11-12	2009	1,520,906,325	1.0000	1,520,906,325	1.0000	1.0000	0.9987
10-11	2010	1,589,788,794	1.0000	1,589,788,794	1.0000	1.0000	1.0055
9-10	2011	1,642,868,564	1.0000	1,642,868,564	1.0000	1.0000	1.0057
8-9	2012	1,537,436,491	0.9997	1,536,975,260	1.0000	1.0000	1.0067
7-8	2013	1,510,268,872	0.9996	1,509,664,764	1.0000	1.0000	1.0067
6-7	2014	1,510,269,466	0.9998	1,509,967,412	1.0000	1.0000	1.0066
5-6	2015	1,503,443,279	0.9999	1,503,292,935	1.0000	1.0000	1.0076
4-5	2016	1,512,238,503	0.9998	1,511,936,055	1.0000	1.0000	1.0078
3-4	2017	1,584,357,531	0.9991	1,582,931,609	1.0000	1.0000	1.0068
2-3	2018	1,734,395,974	0.9982	1,731,274,061	1.0000	1.0000	1.0063
1-2	2019	1,411,487,490	1.0032	1,416,004,250	1.0000	1.0000	1.0063

PREMIUMS	Policy Year	On-Level SEP	Expected Loss Ratio	Expected Losses	Loss Cost On-Level To 4/1/21	Expected Losses Current Level
2001	1,365,402,764	0.9923	1,354,889,163	0.4297	582,195,873	
2002	1,445,830,703	0.9929	1,435,565,305	0.4255	610,833,037	
2003	1,529,163,580	0.9910	1,515,401,108	0.4301	651,774,017	
2004	1,641,607,361	0.9906	1,626,176,252	0.4236	688,848,260	
2005	1,811,300,262	0.9912	1,795,360,820	0.4279	768,234,895	
2006	1,794,577,424	0.9897	1,776,093,277	0.4586	814,516,377	
2007	1,853,677,928	0.9873	1,830,136,218	0.4628	846,987,042	
2008	1,700,747,519	0.9862	1,677,277,203	0.4929	826,729,933	
2009	1,518,929,147	0.9859	1,497,512,246	0.5220	781,701,392	
2010	1,598,532,632	0.9859	1,575,993,322	0.5244	826,450,898	
2011	1,652,232,915	0.9862	1,629,432,101	0.5201	847,467,636	
2012	1,547,272,994	0.9858	1,525,301,717	0.5400	823,662,927	
2013	1,519,779,518	0.9853	1,497,438,759	0.5656	846,951,362	
2014	1,519,933,197	0.9857	1,498,198,152	0.5939	889,779,882	
2015	1,514,717,961	0.9853	1,492,451,607	0.6299	940,095,267	
2016	1,523,729,156	0.9853	1,501,330,337	0.6465	970,610,063	
2017	1,593,695,544	0.9863	1,571,861,915	0.6770	1,064,150,516	
2018	1,742,181,088	0.9864	1,718,487,425	0.6544	1,124,578,171	
2019	1,424,925,077	0.9866	1,405,831,081	0.8311	1,168,386,211	



INDEMNITY Adjustment Factors	Inc. LDF 12-13	Inc. LDF 13-14	Inc. LDF 14-15	Inc. LDF 15-16	Inc. LDF 16-17	Inc. LDF 17-18	Inc. LDF 18-19	Inc. LDF 19-20
Beyond	1.0000	1.0000		1.0000	1.0000	0.9999	0.9996	0.9996
29-30				1.0000	1.0000	1.0000	0.9999	0.9999
28-29			1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
27-28		1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
26-27	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9999
25-26	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9998
24-25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
23-24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
22-23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
21-22	1.0000	1.0000	1.0000	0.9999	1.0000	1.0000	0.9999	0.9999
20-21	1.0000	0.9999	1.0000	1.0001	1.0000	1.0000	0.9999	0.9999
19-20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
18-19	0.9999	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
17-18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
16-17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
15-16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
14-15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
13-14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
12-13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998
11-12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
10-11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
9-10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998
8-9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9998
7-8	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9997
6-7	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995	0.9998
5-6	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9997
4-5	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9995
3-4	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9987	0.9990
2-3	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9970	0.9981
1-2	1.0000	1.0000	1.0000	1.0000	1.0000	0.9988	0.9938	0.9965

INDEMNITY Adjustment Factors	Paid LDF 12-13	Paid LDF 13-14	Paid LDF 14-15	Paid LDF 15-16	Paid LDF 16-17	Paid LDF 17-18	Paid LDF 18-19	Paid LDF 19-20
29-30				1.0000	1.0000	1.0000	0.9999	0.9999
28-29			1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
27-28		1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
26-27	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9999
25-26	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998
24-25	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9997	0.9999
23-24	1.0000	1.0000	0.9999	0.9999	0.9999	0.9998	0.9998	0.9999
22-23	1.0000	0.9999	0.9999	0.9999	0.9998	0.9999	0.9999	1.0000
21-22	0.9999	0.9999	0.9998	0.9998	0.9999	1.0000	1.0000	1.0000
20-21	0.9999	0.9998	0.9998	0.9998	1.0000	1.0000	1.0000	1.0000
19-20	0.9998	0.9997	0.9999	1.0000	1.0000	1.0000	1.0000	1.0000
18-19	0.9997	0.9998	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
17-18	0.9998	0.9999	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
16-17	0.9999	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	1.0000
15-16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
14-15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	1.0000
13-14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	1.0000
12-13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
11-12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
10-11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
9-10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
8-9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999
7-8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998
6-7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998
5-6	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9997
4-5	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9994	0.9996
3-4	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9990	0.9992
2-3	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9974	0.9988
1-2	1.0000	1.0000	1.0000	1.0000	1.0000	0.9987	0.9940	0.9990

INDEMNITY CY Adjustment Factors	Inc-Pd Ratio 2013	Inc-Pd Ratio 2014	Inc-Pd Ratio 2015	Inc-Pd Ratio 2016	Inc-Pd Ratio 2017	Inc-Pd Ratio 2018	Inc-Pd Ratio 2019	Inc-Pd Ratio 2020
30th				0.9999	0.9999	0.9999	0.9998	0.9997
29th			0.9999	0.9999	0.9999	0.9998	0.9997	0.9995
28th		0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9992
27th	0.9999	0.9999	0.9999	0.9998	0.9997	0.9996	0.9992	0.9991
26th	0.9999	0.9998	0.9998	0.9997	0.9995	0.9993	0.9991	0.9988
25th	0.9998	0.9997	0.9997	0.9995	0.9993	0.9991	0.9988	0.9991
24th	0.9997	0.9997	0.9994	0.9992	0.9990	0.9986	0.9991	0.9996
23rd	0.9996	0.9994	0.9992	0.9989	0.9985	0.9991	0.9996	0.9999
22nd	0.9993	0.9991	0.9988	0.9983	0.9990	0.9997	0.9999	0.9999
21st	0.9990	0.9987	0.9981	0.9989	0.9996	1.0000	0.9999	0.9999
20th	0.9986	0.9981	0.9987	0.9996	1.0000	1.0000	0.9999	0.9999
19th	0.9978	0.9987	0.9995	1.0000	1.0000	1.0000	0.9999	0.9999
18th	0.9985	0.9995	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
17th	0.9994	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
16th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
15th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998
14th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
13th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
12th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
11th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
10th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
9th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997
8th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9995
7th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9997
6th	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9996
5th	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9996
4th	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9995
3rd	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9998
2nd	1.0000	1.0000	1.0000	1.0000	1.0000	1.0001	1.0005	1.0007
1st	1.0000	1.0000	1.0000	1.0000	1.0000	1.0006	1.0031	1.0018



INDEMNITY	Selected Paid LDF	Selected Pd-Incur Bridge	Selected Incurred LDF
Beyond		1.0091	1.0031
19-20	1.0009		0.9998
18-19	1.0017		1.0001
17-18	1.0023		0.9999
16-17	1.0033		0.9990
15-16	1.0043		0.9983
14-15	1.0054		1.0002
13-14	1.0040		1.0000
12-13	1.0045		1.0013
11-12	1.0042		1.0002
10-11	1.0044		0.9996
9-10	1.0051		1.0013
8-9	1.0072		1.0011
7-8	1.0111		1.0025
6-7	1.0129		1.0026
5-6	1.0156		0.9995
4-5	1.0331		1.0021
3-4	1.0702		1.0148
2-3	1.2056		1.0768
1-2	1.8157		1.3312

INDEMNITY	Policy Year	Incurred LDF	Paid to 20th LDF
Beyond		1.0031	1.0122
19-20	2001	0.9998	1.0009
18-19	2002	1.0001	1.0017
17-18	2003	0.9999	1.0023
16-17	2004	0.9990	1.0033
15-16	2005	0.9983	1.0043
14-15	2006	1.0002	1.0054
13-14	2007	1.0000	1.0040
12-13	2008	1.0013	1.0045
11-12	2009	1.0002	1.0042
10-11	2010	0.9996	1.0044
9-10	2011	1.0013	1.0051
8-9	2012	1.0011	1.0072
7-8	2013	1.0025	1.0111
6-7	2014	1.0026	1.0129
5-6	2015	0.9995	1.0156
4-5	2016	1.0021	1.0331
3-4	2017	1.0148	1.0702
2-3	2018	1.0768	1.2056
1-2	2019	1.3312	1.8157

INDEMNITY	Policy Year	Incurred Cum LDF	Paid to 20th Cum LDF
Beyond		1.0031	1.0122
19-20	2001	1.0028	1.0131
18-19	2002	1.0029	1.0149
17-18	2003	1.0028	1.0172
16-17	2004	1.0017	1.0206
15-16	2005	1.0000	1.0249
14-15	2006	1.0001	1.0304
13-14	2007	1.0001	1.0344
12-13	2008	1.0014	1.0391
11-12	2009	1.0016	1.0435
10-11	2010	1.0012	1.0481
9-10	2011	1.0025	1.0534
8-9	2012	1.0035	1.0609
7-8	2013	1.0061	1.0727
6-7	2014	1.0086	1.0865
5-6	2015	1.0081	1.1034
4-5	2016	1.0102	1.1399
3-4	2017	1.0251	1.2199
2-3	2018	1.1039	1.4707
1-2	2019	1.4694	2.6704

INDEMNITY	Policy Year	Benefit Level Factor	LAE	Incurred Losses Law Adjustment	Paid Losses Law Adjustment
Beyond					
19-20	2001	1.0000	1.0000	1.0157	1.0158
18-19	2002	1.0000	1.0000	1.0156	1.0158
17-18	2003	1.0000	1.0000	1.0156	1.0158
16-17	2004	1.0000	1.0000	1.0155	1.0157
15-16	2005	1.0000	1.0000	1.0156	1.0158
14-15	2006	1.0000	1.0000	1.0155	1.0158
13-14	2007	1.0000	1.0000	1.0155	1.0157
12-13	2008	1.0000	1.0000	1.0156	1.0158
11-12	2009	1.0000	1.0000	1.0156	1.0157
10-11	2010	1.0000	1.0000	1.0154	1.0156
9-10	2011	1.0000	1.0000	1.0153	1.0156
8-9	2012	1.0000	1.0000	1.0150	1.0154
7-8	2013	1.0000	1.0000	1.0151	1.0154
6-7	2014	1.0000	1.0000	1.0145	1.0148
5-6	2015	1.0000	1.0000	1.0135	1.0140
4-5	2016	1.0000	1.0000	1.0107	1.0111
3-4	2017	1.0000	1.0000	1.0059	1.0061
2-3	2018	1.0000	1.0000	1.0019	1.0012
1-2	2019	1.0000	1.0000	1.0018	1.0000



INDEMNITY	Policy Year	Incurred Base	Paid to 20th Base
Beyond			
19-20	2001	610,460,541	604,830,053
18-19	2002	646,934,792	637,226,675
17-18	2003	636,295,484	627,447,840
16-17	2004	675,097,532	662,416,614
15-16	2005	687,453,693	676,019,965
14-15	2006	713,668,810	698,975,889
13-14	2007	751,480,347	735,525,706
12-13	2008	694,801,451	684,630,494
11-12	2009	633,336,443	624,868,133
10-11	2010	654,149,371	641,566,682
9-10	2011	630,287,145	614,960,325
8-9	2012	582,860,717	558,488,917
7-8	2013	583,938,254	569,292,604
6-7	2014	581,411,975	561,751,456
5-6	2015	550,125,582	525,087,666
4-5	2016	525,940,694	489,954,798
3-4	2017	561,076,478	492,661,291
2-3	2018	555,348,512	435,355,511
1-2	2019	394,722,564	229,314,169

INDEMNITY	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-20)
Beyond				
19-20	2001	622,129,886	621,800,845	622,458,927
18-19	2002	657,935,365	658,940,555	656,930,174
17-18	2003	648,193,937	648,060,043	648,327,831
16-17	2004	686,693,503	686,713,752	686,673,254
15-16	2005	700,966,879	698,159,011	703,774,747
14-15	2006	728,193,927	724,816,149	731,571,705
13-14	2007	768,004,380	763,203,690	772,805,069
12-13	2008	714,610,991	706,616,752	722,605,229
11-12	2009	653,275,597	644,237,571	662,313,623
10-11	2010	673,989,813	665,035,512	682,944,114
9-10	2011	649,736,573	641,556,748	657,916,398
8-9	2012	597,648,354	593,653,111	601,643,596
7-8	2013	608,247,618	596,396,726	620,098,510
6-7	2014	607,154,076	594,906,200	619,401,952
5-6	2015	574,773,812	562,078,330	587,469,293
4-5	2016	550,847,173	536,973,699	564,720,646
3-4	2017	591,618,138	578,554,582	604,681,693
2-3	2018	627,642,994	614,212,171	641,073,816
1-2	2019	596,701,419	581,042,281	612,360,557

INDEMNITY	Policy Year	Adjusted Incurred (Avg Pd & Inc)	Adjusted Incurred (Incur)	Adjusted Incurred (Pd-20)
Beyond				
19-20	2001	622,129,886	621,800,845	622,458,927
18-19	2002	657,935,365	658,940,555	656,930,174
17-18	2003	648,193,937	648,060,043	648,327,831
16-17	2004	686,693,503	686,713,752	686,673,254
15-16	2005	700,966,879	698,159,011	703,774,747
14-15	2006	728,193,927	724,816,149	731,571,705
13-14	2007	768,004,380	763,203,690	772,805,069
12-13	2008	714,610,991	706,616,752	722,605,229
11-12	2009	653,275,597	644,237,571	662,313,623
10-11	2010	673,989,813	665,035,512	682,944,114
9-10	2011	649,736,573	641,556,748	657,916,398
8-9	2012	597,648,354	593,653,111	601,643,596
7-8	2013	608,247,618	596,396,726	620,098,510
6-7	2014	607,154,076	594,906,200	619,401,952
5-6	2015	574,773,812	562,078,330	587,469,293
4-5	2016	550,847,173	536,973,699	564,720,646
3-4	2017	591,618,138	578,554,582	604,681,693
2-3	2018	627,642,994	614,212,171	641,073,816
1-2	2019	596,701,419	581,042,281	612,360,557

INDEMNITY	Policy Year	Loss Ratio (Avg Pd & Inc)	Loss Ratio (Incur)	Loss Ratio (Pd-20)
	2001	1.0686	1.0680	1.0692
	2002	1.0771	1.0788	1.0755
	2003	0.9945	0.9943	0.9947
	2004	0.9969	0.9969	0.9968
	2005	0.9124	0.9088	0.9161
	2006	0.8940	0.8899	0.8982
	2007	0.9067	0.9011	0.9124
	2008	0.8644	0.8547	0.8741
	2009	0.8357	0.8241	0.8473
	2010	0.8155	0.8047	0.8264
	2011	0.7667	0.7570	0.7763
	2012	0.7256	0.7207	0.7304
	2013	0.7182	0.7042	0.7322
	2014	0.6824	0.6686	0.6961
	2015	0.6114	0.5979	0.6249
	2016	0.5675	0.5532	0.5818
	2017	0.5560	0.5437	0.5682
	2018	0.5581	0.5462	0.5701
	2019	0.5107	0.4973	0.5241

INDEMNITY FREQUENCY	Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/20	Selected Ann Trend Factor	Trend Period # Years	Trend 1/1/20-4/1/23	Combined Trend Factor
	2009	27.89	1.0000					
	2010	27.36	0.9810					
	2011	25.62	0.9186					
	2012	24.02	0.8612					
	2013	23.52	0.8433					
	2014	21.50	0.7709					
	2015	19.82	0.7106					
	2016	18.55	0.6651					
	2017	17.53	0.6285	0.8796	-6.2%	3.25	0.8119	0.7142
	2018	16.87	0.6049	0.9379	-6.2%	3.25	0.8119	0.7614
	2019	14.98	0.5371	1.0000	-6.2%	3.25	0.8119	0.8119

INDEMNITY SEVERITY RATIOS	Policy Year	Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
	2009	0.8357	0.8241	0.8473
	2010	0.8313	0.8203	0.8424
	2011	0.8346	0.8241	0.8451
	2012	0.8425	0.8368	0.8481
	2013	0.8516	0.8350	0.8682
	2014	0.8852	0.8673	0.9030
	2015	0.8603	0.8413	0.8793
	2016	0.8532	0.8317	0.8747
	2017	0.8846	0.8650	0.9040
	2018	0.9227	0.9030	0.9425
	2019	0.9508	0.9259	0.9758

INDEMNITY Linear FITTED	Policy Year	Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.8532	0.8333	0.8730
	2017	0.8863	0.8654	0.9072
	2018	0.9194	0.8974	0.9413
	2019	0.9525	0.9295	0.9755
5 Point	2015	0.8442	0.8253	0.8631
	2016	0.8693	0.8493	0.8892
	2017	0.8943	0.8734	0.9153
	2018	0.9194	0.8974	0.9413
	2019	0.9444	0.9215	0.9674
6 Point	2014	0.8538	0.8358	0.8716
	2015	0.8694	0.8504	0.8882
	2016	0.8850	0.8651	0.9049
	2017	0.9006	0.8797	0.9215
	2018	0.9162	0.8943	0.9382
	2019	0.9318	0.9089	0.9549
7 Point	2013	0.8444	0.8276	0.8611
	2014	0.8586	0.8408	0.8763
	2015	0.8727	0.8539	0.8916
	2016	0.8869	0.8670	0.9068
	2017	0.9011	0.8802	0.9220
	2018	0.9153	0.8933	0.9373
	2019	0.9294	0.9064	0.9525
8 Point	2012	0.8353	0.8238	0.8468
	2013	0.8485	0.8351	0.8618
	2014	0.8616	0.8463	0.8769
	2015	0.8748	0.8576	0.8919
	2016	0.8879	0.8689	0.9070
	2017	0.9011	0.8802	0.9220
	2018	0.9142	0.8914	0.9371
	2019	0.9274	0.9027	0.9521
9 Point	2011	0.8269	0.8169	0.8368
	2012	0.8392	0.8274	0.8509
	2013	0.8515	0.8379	0.8651
	2014	0.8638	0.8484	0.8793
	2015	0.8762	0.8589	0.8934
	2016	0.8885	0.8694	0.9076
	2017	0.9008	0.8799	0.9217
	2018	0.9131	0.8904	0.9359
	2019	0.9255	0.9009	0.9500
10 Point	2010	0.8203	0.8112	0.8295
	2011	0.8317	0.8209	0.8425
	2012	0.8432	0.8307	0.8556
	2013	0.8546	0.8404	0.8687
	2014	0.8660	0.8502	0.8818
	2015	0.8774	0.8599	0.8948
	2016	0.8888	0.8697	0.9079
	2017	0.9002	0.8794	0.9210
	2018	0.9116	0.8891	0.9341
	2019	0.9230	0.8989	0.9472

INDEMNITY Linear <b>TRENDED</b>		Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	1.0600	1.0337	1.0866
5 Point	Fitted	1.0258	0.9996	1.0522
6 Point	Fitted	0.9826	0.9564	1.0090
7 Point	Fitted	0.9755	0.9491	1.0020
8 Point	Fitted	0.9701	0.9394	1.0010
9 Point	Fitted	0.9655	0.9350	0.9960
10 Point	Fitted	0.9601	0.9306	0.9897

INDEMNITY Linear <b>Severity Trend Factor</b>		Sev Trend Factor (Avg Pd & Inc)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2017	1.1960	1.1945	1.1978
	2018	1.1530	1.1518	1.1543
	2019	1.1129	1.1121	1.1139
5 Point	2017	1.1471	1.1446	1.1496
	2018	1.1158	1.1139	1.1177
	2019	1.0862	1.0848	1.0876
6 Point	2017	1.0910	1.0872	1.0949
	2018	1.0724	1.0694	1.0754
	2019	1.0545	1.0522	1.0567
7 Point	2017	1.0826	1.0784	1.0867
	2018	1.0658	1.0625	1.0691
	2019	1.0496	1.0471	1.0520
8 Point	2017	1.0766	1.0673	1.0857
	2018	1.0611	1.0538	1.0682
	2019	1.0461	1.0406	1.0514
9 Point	2017	1.0718	1.0627	1.0806
	2018	1.0574	1.0501	1.0643
	2019	1.0433	1.0379	1.0484
10 Point	2017	1.0665	1.0582	1.0745
	2018	1.0532	1.0466	1.0595
	2019	1.0402	1.0352	1.0449

INDEMNITY Expon'l <b>FITTED</b>	Policy Year	Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.8537	0.8338	0.8736
	2017	0.8857	0.8647	0.9065
	2018	0.9188	0.8969	0.9407
	2019	0.9531	0.9302	0.9761
5 Point	2015	0.8452	0.8261	0.8641
	2016	0.8690	0.8491	0.8889
	2017	0.8936	0.8726	0.9145
	2018	0.9188	0.8969	0.9407
	2019	0.9447	0.9218	0.9677
6 Point	2014	0.8545	0.8365	0.8725
	2015	0.8694	0.8504	0.8883
	2016	0.8845	0.8646	0.9044
	2017	0.8999	0.8790	0.9208
	2018	0.9155	0.8936	0.9375
	2019	0.9315	0.9085	0.9545
7 Point	2013	0.8453	0.8284	0.8621
	2014	0.8587	0.8409	0.8765
	2015	0.8724	0.8536	0.8912
	2016	0.8862	0.8664	0.9061
	2017	0.9003	0.8794	0.9212
	2018	0.9146	0.8927	0.9366
	2019	0.9292	0.9061	0.9522
8 Point	2012	0.8364	0.8247	0.8480
	2013	0.8488	0.8354	0.8622
	2014	0.8614	0.8462	0.8766
	2015	0.8742	0.8571	0.8912
	2016	0.8872	0.8682	0.9061
	2017	0.9003	0.8794	0.9212
	2018	0.9137	0.8908	0.9366
	2019	0.9272	0.9024	0.9522
9 Point	2011	0.8281	0.8179	0.8382
	2012	0.8397	0.8278	0.8515
	2013	0.8514	0.8378	0.8649
	2014	0.8633	0.8480	0.8786
	2015	0.8754	0.8583	0.8925
	2016	0.8877	0.8687	0.9066
	2017	0.9001	0.8792	0.9209
	2018	0.9127	0.8899	0.9355
	2019	0.9254	0.9007	0.9503
10 Point	2010	0.8217	0.8123	0.8311
	2011	0.8324	0.8215	0.8433
	2012	0.8432	0.8307	0.8557
	2013	0.8542	0.8401	0.8682
	2014	0.8653	0.8496	0.8809
	2015	0.8765	0.8592	0.8938
	2016	0.8879	0.8689	0.9069
	2017	0.8995	0.8787	0.9202
	2018	0.9112	0.8887	0.9337
	2019	0.9230	0.8987	0.9474

INDEMNITY Expon'l <b>TRENDED</b>		Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	1.0739	1.0473	1.1008
5 Point	Fitted	1.0342	1.0076	1.0609
6 Point	Fitted	0.9852	0.9587	1.0119
7 Point	Fitted	0.9780	0.9512	1.0049
8 Point	Fitted	0.9727	0.9409	1.0048
9 Point	Fitted	0.9682	0.9366	0.9999
10 Point	Fitted	0.9626	0.9321	0.9933

INDEMNITY Expon'l <b>Severity Trend Factor</b>		Sev Trend Factor (Avg Pd & Inc)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2017	1.2126	1.2111	1.2143
	2018	1.1688	1.1677	1.1702
	2019	1.1267	1.1259	1.1277
5 Point	2017	1.1574	1.1546	1.1601
	2018	1.1256	1.1234	1.1278
	2019	1.0947	1.0931	1.0963
6 Point	2017	1.0948	1.0906	1.0989
	2018	1.0761	1.0728	1.0794
	2019	1.0577	1.0552	1.0601
7 Point	2017	1.0863	1.0816	1.0909
	2018	1.0693	1.0656	1.0729
	2019	1.0526	1.0498	1.0553
8 Point	2017	1.0804	1.0698	1.0908
	2018	1.0646	1.0562	1.0729
	2019	1.0490	1.0427	1.0553
9 Point	2017	1.0756	1.0653	1.0858
	2018	1.0608	1.0525	1.0689
	2019	1.0462	1.0399	1.0523
10 Point	2017	1.0702	1.0607	1.0794
	2018	1.0565	1.0489	1.0638
	2019	1.0429	1.0372	1.0484

INDEMNITY Linear LR Trend Factor		LR Trend Factor (Avg Pd & Inc)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2017	0.8542	0.8531	0.8555
	2018	0.8779	0.8770	0.8789
	2019	0.9036	0.9029	0.9044
5 Point	2017	0.8193	0.8175	0.8210
	2018	0.8496	0.8481	0.8510
	2019	0.8819	0.8807	0.8830
6 Point	2017	0.7792	0.7765	0.7820
	2018	0.8165	0.8142	0.8188
	2019	0.8561	0.8543	0.8579
7 Point	2017	0.7732	0.7702	0.7761
	2018	0.8115	0.8090	0.8140
	2019	0.8522	0.8501	0.8541
8 Point	2017	0.7689	0.7623	0.7754
	2018	0.8079	0.8024	0.8133
	2019	0.8493	0.8449	0.8536
9 Point	2017	0.7655	0.7590	0.7718
	2018	0.8051	0.7995	0.8104
	2019	0.8471	0.8427	0.8512
10 Point	2017	0.7617	0.7558	0.7674
	2018	0.8019	0.7969	0.8067
	2019	0.8445	0.8405	0.8484
INDEMNITY Expon'l LR Trend Factor		LR Trend Factor (Avg Pd & Inc)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2017	0.8660	0.8650	0.8673
	2018	0.8899	0.8891	0.8910
	2019	0.9148	0.9141	0.9156
5 Point	2017	0.8266	0.8246	0.8285
	2018	0.8570	0.8554	0.8587
	2019	0.8888	0.8875	0.8901
6 Point	2017	0.7819	0.7789	0.7848
	2018	0.8193	0.8168	0.8219
	2019	0.8587	0.8567	0.8607
7 Point	2017	0.7758	0.7725	0.7791
	2018	0.8142	0.8113	0.8169
	2019	0.8546	0.8523	0.8568
8 Point	2017	0.7716	0.7641	0.7790
	2018	0.8106	0.8042	0.8169
	2019	0.8517	0.8466	0.8568
9 Point	2017	0.7682	0.7608	0.7755
	2018	0.8077	0.8014	0.8139
	2019	0.8494	0.8443	0.8544
10 Point	2017	0.7643	0.7576	0.7709
	2018	0.8044	0.7986	0.8100
	2019	0.8467	0.8421	0.8512

INDEMNITY Linear <b>TRENDED LR</b>	Base Policy Year	Trended LR (Avg Pd & Inc)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2017	0.4749	0.4638	0.4861
	2018	0.4900	0.4790	0.5011
	2019	0.4615	0.4490	0.4740
	3 Yr Ave	0.4755	0.4639	0.4871
5 Point	2017	0.4555	0.4445	0.4665
	2018	0.4742	0.4632	0.4852
	2019	0.4504	0.4380	0.4628
	3 Yr Ave	0.4600	0.4486	0.4715
6 Point	2017	0.4332	0.4222	0.4443
	2018	0.4557	0.4447	0.4668
	2019	0.4372	0.4248	0.4496
	3 Yr Ave	0.4420	0.4306	0.4536
7 Point	2017	0.4299	0.4188	0.4410
	2018	0.4529	0.4419	0.4641
	2019	0.4352	0.4228	0.4476
	3 Yr Ave	0.4393	0.4278	0.4509
8 Point	2017	0.4275	0.4145	0.4406
	2018	0.4509	0.4383	0.4637
	2019	0.4337	0.4202	0.4474
	3 Yr Ave	0.4374	0.4243	0.4506
9 Point	2017	0.4256	0.4127	0.4385
	2018	0.4493	0.4367	0.4620
	2019	0.4326	0.4191	0.4461
	3 Yr Ave	0.4358	0.4228	0.4489
10 Point	2017	0.4235	0.4109	0.4360
	2018	0.4475	0.4353	0.4599
	2019	0.4313	0.4180	0.4446
	3 Yr Ave	0.4341	0.4214	0.4468



INDEMNITY Expon'l <b>TRENDED LR</b>	Base Policy Year	Trended LR (Avg Pd & Inc)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2017	0.4815	0.4703	0.4928
	2018	0.4967	0.4856	0.5080
	2019	0.4672	0.4546	0.4799
	3 Yr Ave	0.4818	0.4702	0.4936
5 Point	2017	0.4596	0.4483	0.4708
	2018	0.4783	0.4672	0.4895
	2019	0.4539	0.4414	0.4665
	3 Yr Ave	0.4639	0.4523	0.4756
6 Point	2017	0.4347	0.4235	0.4459
	2018	0.4573	0.4461	0.4686
	2019	0.4385	0.4260	0.4511
	3 Yr Ave	0.4435	0.4319	0.4552
7 Point	2017	0.4313	0.4200	0.4427
	2018	0.4544	0.4431	0.4657
	2019	0.4364	0.4238	0.4490
	3 Yr Ave	0.4407	0.4290	0.4525
8 Point	2017	0.4290	0.4154	0.4426
	2018	0.4524	0.4393	0.4657
	2019	0.4350	0.4210	0.4490
	3 Yr Ave	0.4388	0.4252	0.4524
9 Point	2017	0.4271	0.4136	0.4406
	2018	0.4508	0.4377	0.4640
	2019	0.4338	0.4199	0.4478
	3 Yr Ave	0.4372	0.4237	0.4508
10 Point	2017	0.4250	0.4119	0.4380
	2018	0.4489	0.4362	0.4618
	2019	0.4324	0.4188	0.4461
	3 Yr Ave	0.4354	0.4223	0.4486

MEDICAL Reported	Inc. LDF 12-13	Inc. LDF 13-14	Inc. LDF 14-15	Inc. LDF 15-16	Inc. LDF 16-17	Inc. LDF 17-18	Inc. LDF 18-19	Inc. LDF 19-20	2 Yr. Avg. LDF	3 Yr. Avg. LDF	5 Yr. Avg. LDF
Beyond 29-30	1.0042	1.0146	0.9957	1.0094	1.0048	1.0234	1.0075	1.0157	1.0116	1.0155	1.0122
28-29			0.9986	1.0061	1.0134	1.0024	0.9988	1.0013	1.0000	1.0008	1.0044
27-28		1.0026	1.0014	1.0008	0.9984	1.0040	1.0021	1.0000	1.0010	1.0020	1.0010
26-27	1.0041	1.0041	0.9993	1.0011	1.0010	1.0014	1.0019	1.0066	1.0043	1.0033	1.0024
25-26	1.0072	1.0047	1.0073	1.0051	1.0013	1.0019	1.0054	1.0010	1.0032	1.0028	1.0029
24-25	1.0082	1.0072	1.0073	1.0043	1.0016	1.0019	0.9989	1.0004	0.9997	1.0004	1.0014
23-24	1.0043	1.0033	1.0028	0.9988	1.0004	0.9966	1.0021	1.0013	1.0017	1.0000	0.9999
22-23	1.0053	1.0071	1.0032	1.0036	1.0029	1.0078	1.0007	1.0001	1.0004	1.0029	1.0030
21-22	1.0083	1.0015	1.0012	1.0048	1.0023	1.0041	0.9933	1.0088	1.0010	1.0021	1.0027
20-21	1.0079	1.0045	1.0056	1.0044	1.0013	1.0028	0.9984	0.9989	0.9986	1.0000	1.0012
19-20	1.0053	1.0094	1.0067	0.9990	1.0070	1.0037	1.0020	0.9998	1.0009	1.0018	1.0023
18-19	1.0051	1.0085	1.0100	1.0053	0.9981	1.0043	1.0020	1.0056	1.0038	1.0040	1.0030
17-18	1.0073	1.0015	0.9934	1.0046	1.0142	1.0011	1.0025	0.9985	1.0005	1.0007	1.0042
16-17	1.0111	1.0021	1.0007	1.0007	0.9983	1.0079	1.0010	0.9979	0.9994	1.0022	1.0011
15-16	1.0092	1.0120	1.0061	0.9998	1.0031	1.0023	1.0016	0.9973	1.0033	1.0007	1.0015
14-15	1.0073	1.0061	1.0040	1.0044	1.0015	1.0195	0.9998	0.9974	0.9986	1.0056	1.0045
13-14	1.0064	1.0073	1.0135	1.0050	1.0017	1.0055	1.0070	1.0004	1.0029	1.0043	1.0040
12-13	1.0079	1.0042	1.0036	1.0030	1.0045	1.0102	1.0067	1.0075	1.0071	1.0081	1.0064
11-12	1.0071	1.0044	1.0091	1.0068	1.0031	1.0049	1.0011	1.0066	1.0038	1.0042	1.0045
10-11	1.0103	1.0071	1.0165	0.9994	1.0073	1.0076	1.0008	1.0028	1.0018	1.0037	1.0036
9-10	1.0026	1.0102	1.0009	1.0083	1.0046	1.0031	1.0021	0.9998	1.0010	1.0017	1.0036
8-9	1.0145	1.0118	1.0030	1.0040	1.0021	1.0035	0.9996	1.0028	1.0012	1.0020	1.0024
7-8	1.0135	1.0111	1.0071	1.0062	0.9975	0.9989	1.0025	1.0063	1.0044	1.0026	1.0023
6-7	1.0067	1.0219	0.9984	0.9989	0.9969	1.0088	1.0041	0.9996	1.0018	1.0041	1.0016
5-6	1.0120	1.0063	1.0082	1.0161	1.0079	1.0007	1.0137	1.0012	1.0075	1.0052	1.0079
4-5	1.0130	1.0076	0.9978	0.9983	1.0081	1.0003	0.9946	1.0001	0.9973	0.9983	1.0003
3-4	1.0146	1.0166	1.0056	1.0084	1.0304	0.9866	0.9945	0.9919	0.9932	0.9910	1.0024
2-3	1.0340	1.0139	0.9920	1.0043	0.9969	1.0018	1.0018	1.0015	1.0016	1.0017	1.0013
1-2	1.0904	1.0316	1.0243	1.0193	1.0198	0.9999	1.0136	1.0151	1.0143	1.0095	1.0135
		1.0682	1.0852	1.0703	1.0467	1.0466	1.0451	1.0195	1.0323	1.0371	1.0456

MEDICAL Reported	Paid LDF 12-13	Paid LDF 13-14	Paid LDF 14-15	Paid LDF 15-16	Paid LDF 16-17	Paid LDF 17-18	Paid LDF 18-19	Paid LDF 19-20	2 Yr. Avg. LDF	3 Yr. Avg. LDF	5 Yr. Avg. LDF
29-30				1.0061	1.0068	1.0041	1.0047	1.0037	1.0042	1.0042	1.0051
28-29			1.0040	1.0061	1.0037	1.0069	1.0044	1.0034	1.0039	1.0049	1.0049
27-28		1.0088	1.0051	1.0044	1.0069	1.0049	1.0040	1.0052	1.0046	1.0047	1.0051
26-27	1.0075	1.0062	1.0051	1.0078	1.0049	1.0047	1.0070	1.0048	1.0059	1.0055	1.0059
25-26	1.0078	1.0065	1.0067	1.0061	1.0051	1.0058	1.0051	1.0068	1.0059	1.0059	1.0058
24-25	1.0057	1.0064	1.0050	1.0048	1.0070	1.0075	1.0069	1.0037	1.0053	1.0060	1.0060
23-24	1.0082	1.0056	1.0055	1.0099	1.0080	1.0087	1.0063	1.0057	1.0060	1.0069	1.0077
22-23	1.0071	1.0066	1.0085	1.0069	1.0106	1.0078	1.0071	1.0056	1.0063	1.0068	1.0076
21-22	1.0079	1.0095	1.0094	1.0109	1.0096	1.0098	1.0070	1.0063	1.0067	1.0077	1.0087
20-21	1.0101	1.0108	1.0123	1.0060	1.0090	1.0114	1.0066	1.0051	1.0058	1.0077	1.0076
19-20	1.0124	1.0106	1.0073	1.0106	1.0086	1.0075	1.0085	1.0046	1.0066	1.0069	1.0080
18-19	1.0119	1.0082	1.0101	1.0106	1.0077	1.0090	1.0075	1.0039	1.0057	1.0068	1.0078
17-18	1.0120	1.0100	1.0091	1.0086	1.0065	1.0088	1.0065	1.0081	1.0073	1.0078	1.0077
16-17	1.0175	1.0091	1.0099	1.0077	1.0081	1.0076	1.0116	1.0083	1.0100	1.0092	1.0087
15-16	1.0106	1.0072	1.0075	1.0079	1.0056	1.0128	1.0079	1.0068	1.0073	1.0092	1.0082
14-15	1.0105	1.0129	1.0101	1.0090	1.0108	1.0091	1.0085	1.0060	1.0073	1.0079	1.0087
13-14	1.0111	1.0107	1.0066	1.0149	1.0082	1.0095	1.0077	1.0069	1.0073	1.0080	1.0094
12-13	1.0123	1.0085	1.0140	1.0108	1.0078	1.0129	1.0085	1.0087	1.0086	1.0100	1.0097
11-12	1.0119	1.0156	1.0109	1.0097	1.0105	1.0139	1.0080	1.0052	1.0066	1.0090	1.0095
10-11	1.0151	1.0126	1.0111	1.0100	1.0098	1.0095	1.0076	1.0054	1.0065	1.0075	1.0084
9-10	1.0130	1.0135	1.0141	1.0151	1.0117	1.0089	1.0048	1.0071	1.0060	1.0070	1.0095
8-9	1.0169	1.0148	1.0154	1.0144	1.0099	1.0065	1.0094	1.0086	1.0090	1.0082	1.0097
7-8	1.0168	1.0156	1.0141	1.0114	1.0116	1.0113	1.0081	1.0098	1.0090	1.0098	1.0104
6-7	1.0225	1.0226	1.0132	1.0134	1.0141	1.0077	1.0113	1.0098	1.0106	1.0096	1.0113
5-6	1.0204	1.0177	1.0161	1.0156	1.0146	1.0118	1.0091	1.0068	1.0079	1.0092	1.0116
4-5	1.0260	1.0251	1.0201	1.0176	1.0156	1.0089	1.0117	1.0083	1.0100	1.0096	1.0124
3-4	1.0410	1.0390	1.0347	1.0369	1.0298	1.0181	1.0204	1.0254	1.0229	1.0213	1.0261
2-3	1.0828	1.0831	1.0689	1.0770	1.0626	1.0600	1.0595	1.0595	1.0600	1.0600	1.0639
1-2	1.2548	1.2529	1.2505	1.2601	1.2487	1.2446	1.2351	1.2008	1.2180	1.2268	1.2379

MEDICAL CY Reported	Inc-Pd Ratio 2013	Inc-Pd Ratio 2014	Inc-Pd Ratio 2015	Inc-Pd Ratio 2016	Inc-Pd Ratio 2017	Inc-Pd Ratio 2018	Inc-Pd Ratio 2019	Inc-Pd Ratio 2020	2 Yr. Avg. Ratio	3 Yr. Avg. Ratio	5 Yr. Avg. Ratio
30th			1.0405	1.0404	1.0575	1.0369	1.0411	1.0278	1.0344	1.0352	1.0407
29th			1.0478	1.0476	1.0391	1.0473	1.0310	1.0369	1.0340	1.0384	1.0404
28th		1.0478	1.0554	1.0435	1.0510	1.0334	1.0398	1.0416	1.0407	1.0383	1.0419
27th	1.0547	1.0585	1.0471	1.0572	1.0351	1.0419	1.0401	1.0296	1.0348	1.0372	1.0408
26th	1.0605	1.0525	1.0595	1.0393	1.0458	1.0418	1.0327	1.0461	1.0394	1.0402	1.0411
25th	1.0542	1.0577	1.0418	1.0486	1.0463	1.0390	1.0520	1.0453	1.0486	1.0454	1.0462
24th	1.0608	1.0432	1.0543	1.0527	1.0518	1.0573	1.0473	1.0454	1.0464	1.0500	1.0509
23rd	1.0415	1.0550	1.0590	1.0533	1.0594	1.0531	1.0520	1.0528	1.0524	1.0527	1.0541
22nd	1.0606	1.0657	1.0576	1.0643	1.0582	1.0666	1.0476	1.0634	1.0555	1.0592	1.0600
21st	1.0710	1.0604	1.0730	1.0671	1.0759	1.0570	1.0709	1.0427	1.0568	1.0569	1.0627
20th	1.0617	1.0767	1.0724	1.0774	1.0666	1.0757	1.0469	1.0484	1.0477	1.0570	1.0630
19th	1.0786	1.0670	1.0807	1.0793	1.0766	1.0538	1.0489	1.0262	1.0375	1.0429	1.0569
18th	1.0740	1.0946	1.0823	1.0746	1.0594	1.0541	1.0312	1.0416	1.0364	1.0423	1.0522
17th	1.0924	1.0846	1.0809	1.0714	1.0573	1.0369	1.0511	1.0370	1.0440	1.0417	1.0507
16th	1.0877	1.0839	1.0742	1.0615	1.0438	1.0662	1.0417	1.0370	1.0394	1.0483	1.0501
15th	1.0877	1.0870	1.0626	1.0487	1.0593	1.0483	1.0471	1.0596	1.0534	1.0517	1.0526
14th	1.0860	1.0650	1.0534	1.0654	1.0527	1.0563	1.0597	1.0499	1.0548	1.0553	1.0568
13th	1.0716	1.0543	1.0754	1.0559	1.0549	1.0581	1.0489	1.0345	1.0417	1.0472	1.0505
12th	1.0583	1.0771	1.0586	1.0601	1.0692	1.0574	1.0363	1.0362	1.0362	1.0433	1.0518
11th	1.0759	1.0648	1.0690	1.0742	1.0631	1.0409	1.0384	1.0351	1.0368	1.0381	1.0503
10th	1.0670	1.0797	1.0726	1.0691	1.0506	1.0438	1.0477	1.0617	1.0547	1.0511	1.0546
9th	1.0812	1.0844	1.0785	1.0615	1.0494	1.0536	1.0699	1.0568	1.0633	1.0601	1.0582
8th	1.0882	1.0872	1.0674	1.0610	1.0603	1.0789	1.0599	1.0866	1.0733	1.0751	1.0693
7th	1.0804	1.0842	1.0735	1.0783	1.0801	1.0649	1.0973	1.0517	1.0745	1.0713	1.0745
6th	1.1016	1.0787	1.0736	1.0999	1.0704	1.0955	1.0799	1.0648	1.0724	1.0801	1.0821
5th	1.0894	1.0933	1.1119	1.0775	1.1048	1.0966	1.0676	1.0799	1.0737	1.0814	1.0853
4th	1.1024	1.1284	1.0823	1.0904	1.1204	1.0868	1.0980	1.0733	1.0857	1.0861	1.0938
3rd	1.1532	1.1264	1.1164	1.1641	1.1054	1.1184	1.0999	1.1015	1.1007	1.1066	1.1178
2nd	1.1849	1.1655	1.2088	1.1645	1.1865						

MEDICAL Adjustment Factors	Inc. LDF 12-13	Inc. LDF 13-14	Inc. LDF 14-15	Inc. LDF 15-16	Inc. LDF 16-17	Inc. LDF 17-18	Inc. LDF 18-19	Inc. LDF 19-20
Beyond	1.0016	1.0054	0.9998	1.0047	1.0025	1.0071	1.0020	1.0038
29-30				1.0025	1.0047	1.0007	0.9997	1.0003
28-29			0.9997	1.0005	0.9997	1.0011	1.0005	1.0000
27-28		1.0010	1.0007	1.0005	1.0005	1.0003	1.0004	1.0012
26-27	1.0015	1.0013	1.0000	1.0016	1.0005	1.0004	1.0010	1.0002
25-26	1.0024	1.0014	1.0022	1.0012	1.0005	1.0003	0.9998	1.0000
24-25	1.0025	1.0009	1.0009	1.0000	1.0003	0.9995	1.0003	1.0001
23-24	1.0011	1.0017	1.0009	1.0009	1.0006	1.0010	1.0001	1.0000
22-23	1.0013	1.0003	1.0005	1.0009	1.0005	1.0005	0.9994	1.0007
21-22	1.0017	1.0008	1.0011	1.0008	1.0004	1.0003	0.9999	0.9999
20-21	1.0014	1.0014	1.0012	1.0001	1.0009	1.0003	1.0001	1.0000
19-20	1.0008	1.0010	1.0013	1.0008	1.0001	1.0002	1.0001	1.0002
18-19	1.0006	1.0002	0.9998	1.0006	1.0010	1.0000	1.0001	1.0000
17-18	1.0008	1.0010	1.0005	1.0003	1.0001	1.0002	1.0000	1.0000
16-17	1.0009	1.0004	1.0003	1.0004	1.0003	1.0000	1.0000	1.0000
15-16	1.0006	1.0002	1.0003	1.0003	1.0002	1.0001	1.0000	1.0000
14-15	1.0004	1.0005	1.0004	1.0002	1.0002	1.0000	1.0000	0.9999
13-14	1.0002	1.0001	1.0002	1.0003	1.0001	0.9998	0.9998	0.9998
12-13	1.0002	1.0000	1.0003	1.0001	1.0001	0.9999	1.0000	0.9998
11-12	1.0001	0.9999	1.0002	1.0002	1.0000	0.9998	1.0000	0.9999
10-11	1.0000	0.9999	1.0003	1.0000	1.0001	0.9999	0.9999	1.0000
9-10	1.0000	0.9997	1.0002	1.0001	1.0001	0.9999	1.0000	1.0000
8-9	0.9996	0.9996	1.0001	1.0000	1.0003	1.0000	1.0000	1.0001
7-8	0.9996	0.9991	1.0004	1.0003	1.0002	1.0001	1.0000	1.0000
6-7	0.9997	0.9997	1.0000	1.0001	1.0003	1.0000	1.0001	1.0000
5-6	0.9995	0.9997	1.0004	1.0004	1.0003	1.0000	1.0000	1.0000
4-5	0.9995	0.9998	1.0005	1.0003	1.0005	0.9999	1.0000	1.0000
3-4	0.9998	1.0000	1.0005	1.0005	1.0004	1.0000	1.0000	1.0000
2-3	1.0000	1.0000	1.0009	1.0008	1.0004	1.0000	1.0000	1.0000
1-2	1.0000	1.0000	1.0021	1.0013	1.0011	1.0000	1.0000	1.0000

MEDICAL Adjustment Factors	Paid LDF 12-13	Paid LDF 13-14	Paid LDF 14-15	Paid LDF 15-16	Paid LDF 16-17	Paid LDF 17-18	Paid LDF 18-19	Paid LDF 19-20
29-30				1.0025	1.0025	1.0013	1.0013	1.0009
28-29			1.0016	1.0022	1.0012	1.0019	1.0011	1.0008
27-28		1.0035	1.0019	1.0014	1.0020	1.0012	1.0009	1.0010
26-27	1.0030	1.0022	1.0017	1.0022	1.0012	1.0011	1.0013	1.0008
25-26	1.0028	1.0021	1.0020	1.0016	1.0012	1.0011	1.0008	1.0009
24-25	1.0018	1.0018	1.0013	1.0011	1.0013	1.0012	1.0009	1.0004
23-24	1.0023	1.0014	1.0012	1.0019	1.0013	1.0012	1.0007	1.0006
22-23	1.0018	1.0014	1.0017	1.0012	1.0015	1.0009	1.0007	1.0004
21-22	1.0017	1.0018	1.0016	1.0015	1.0012	1.0010	1.0006	1.0004
20-21	1.0019	1.0017	1.0018	1.0007	1.0009	1.0009	1.0004	1.0002
19-20	1.0020	1.0014	1.0009	1.0011	1.0007	1.0005	1.0004	1.0001
18-19	1.0016	1.0009	1.0010	1.0009	1.0005	1.0004	1.0002	1.0001
17-18	1.0014	1.0009	1.0007	1.0005	1.0003	1.0003	1.0001	1.0000
16-17	1.0016	1.0007	1.0006	1.0004	1.0003	1.0001	1.0001	0.9999
15-16	1.0008	1.0004	1.0004	1.0003	1.0001	1.0001	1.0000	0.9999
14-15	1.0006	1.0005	1.0003	1.0002	1.0001	0.9999	0.9999	0.9998
13-14	1.0004	1.0002	1.0001	1.0001	0.9999	0.9998	0.9998	0.9998
12-13	1.0003	1.0001	1.0001	0.9999	0.9999	0.9997	0.9997	0.9997
11-12	1.0001	0.9999	0.9999	0.9998	0.9997	0.9996	0.9997	0.9998
10-11	0.9999	0.9998	0.9997	0.9997	0.9997	0.9997	0.9998	1.0000
9-10	0.9998	0.9996	0.9996	0.9995	0.9996	0.9997	1.0000	1.0001
8-9	0.9996	0.9995	0.9995	0.9995	0.9997	1.0000	1.0001	1.0001
7-8	0.9994	0.9993	0.9995	0.9996	0.9999	1.0001	1.0001	1.0001
6-7	0.9990	0.9989	0.9996	0.9999	1.0001	1.0001	1.0001	1.0001
5-6	0.9990	0.9992	0.9999	1.0001	1.0001	1.0001	1.0001	1.0000
4-5	0.9989	0.9996	1.0002	1.0002	1.0001	1.0001	1.0000	1.0000
3-4	0.9994	1.0000	1.0003	1.0003	1.0002	1.0000	1.0000	1.0000
2-3	1.0000	1.0000	1.0006	1.0005	1.0001	1.0000	1.0000	1.0000
1-2	1.0000	1.0000	1.0019	1.0006	1.0000	1.0000	1.0000	1.0000

MEDICAL CY Adjustment Factors	Inc-Pd Ratio 2013	Inc-Pd Ratio 2014	Inc-Pd Ratio 2015	Inc-Pd Ratio 2016	Inc-Pd Ratio 2017	Inc-Pd Ratio 2018	Inc-Pd Ratio 2019	Inc-Pd Ratio 2020
30th				1.0155	1.0196	1.0115	1.0111	1.0068
29th			1.0155	1.0163	1.0122	1.0127	1.0076	1.0078
28th		1.0181	1.0188	1.0134	1.0138	1.0082	1.0085	1.0075
27th	1.0209	1.0197	1.0144	1.0153	1.0087	1.0089	1.0073	1.0047
26th	1.0205	1.0159	1.0158	1.0096	1.0098	1.0076	1.0052	1.0060
25th	1.0165	1.0153	1.0101	1.0103	1.0085	1.0062	1.0068	1.0051
24th	1.0162	1.0103	1.0113	1.0094	1.0082	1.0075	1.0053	1.0042
23rd	1.0100	1.0114	1.0104	1.0083	1.0078	1.0060	1.0048	1.0040
22nd	1.0125	1.0114	1.0088	1.0083	1.0066	1.0061	1.0036	1.0037
21st	1.0124	1.0091	1.0092	1.0074	1.0070	1.0043	1.0041	1.0019
20th	1.0094	1.0096	1.0078	1.0069	1.0050	1.0044	1.0021	1.0014
19th	1.0099	1.0071	1.0070	1.0057	1.0045	1.0024	1.0015	1.0005
18th	1.0078	1.0080	1.0058	1.0042	1.0026	1.0016	1.0005	1.0002
17th	1.0079	1.0057	1.0043	1.0029	1.0017	1.0006	1.0002	0.9998
16th	1.0060	1.0042	1.0028	1.0017	1.0008	1.0003	0.9998	0.9994
15th	1.0044	1.0031	1.0015	1.0007	1.0003	0.9997	0.9993	0.9986
14th	1.0031	1.0014	1.0006	1.0001	0.9997	0.9991	0.9986	0.9985
13th	1.0016	1.0005	0.9999	0.9995	0.9991	0.9986	0.9985	0.9988
12th	1.0005	0.9997	0.9993	0.9989	0.9983	0.9983	0.9987	0.9989
11th	0.9997	0.9990	0.9985	0.9980	0.9981	0.9986	0.9988	0.9998
10th	0.9990	0.9981	0.9978	0.9977	0.9982	0.9986	0.9998	1.0005
9th	0.9980	0.9973	0.9972	0.9977	0.9984	0.9998	1.0006	1.0005
8th	0.9971	0.9966	0.9973	0.9979	0.9997	1.0006	1.0005	1.0006
7th	0.9968	0.9964	0.9973	0.9994	1.0007	1.0005	1.0007	1.0003
6th	0.9956	0.9969	0.9992	1.0005	1.0006	1.0007	1.0005	1.0001
5th	0.9964	0.9988	1.0003	1.0004	1.0008	1.0006	1.0001	1.0000
4th	0.9986	1.0000	1.0002	1.0004	1.0007	1.0002	1.0000	1.0000
3rd	1.0000	1.0000	1.0003	1.0005	1.0002	1.0000	1.0000	1.0000
2nd	1.0000	1.0000	1.0002	0.9999	1.0000	1.0000	1.0000	1.0000
1st	1.0000	1.0000	0.9991	0.9989	1.0000	1.0000	1.0000	1.0000

MEDICAL Adjusted	Inc. LDF 12-13	Inc. LDF 13-14	Inc. LDF 14-15	Inc. LDF 15-16	Inc. LDF 16-17	Inc. LDF 17-18	Inc. LDF 18-19	Inc. LDF 19-20	2 Yr. Avg. LDF	3 Yr. Avg. LDF	5 Yr. Avg. LDF
Beyond 29-30	1.0058	1.0201	0.9954	1.0141	1.0073	1.0306	1.0095	1.0195	1.0145	1.0199	1.0162
28-29			0.9984	1.0013	0.9981	1.0050	1.0026	1.0000	1.0013	1.0025	1.0014
27-28		1.0035	1.0022	1.0017	1.0015	1.0017	1.0023	1.0078	1.0051	1.0039	1.0030
26-27	1.0057	1.0054	0.9993	1.0067	1.0018	1.0024	1.0064	1.0012	1.0038	1.0033	1.0037
25-26	1.0097	1.0061	1.0095	1.0055	1.0021	1.0023	0.9988	1.0004	0.9996	1.0005	1.0018
24-25	1.0107	1.0042	1.0037	0.9988	1.0007	0.9961	1.0023	1.0015	1.0019	1.0000	0.9999
23-24	1.0054	1.0088	1.0041	1.0045	1.0035	1.0088	1.0008	1.0002	1.0005	1.0033	1.0036
22-23	1.0065	1.0018	1.0017	1.0057	1.0028	1.0046	0.9927	1.0095	1.0011	1.0023	1.0031
21-22	1.0100	1.0052	1.0067	1.0053	1.0016	1.0031	0.9983	0.9988	0.9986	1.0001	1.0014
20-21	1.0093	1.0108	1.0079	0.9991	1.0079	1.0040	1.0021	0.9998	1.0010	1.0020	1.0026
19-20	1.0061	1.0095	1.0113	1.0060	0.9982	1.0045	1.0021	1.0057	1.0039	1.0041	1.0033
18-19	1.0058	1.0016	0.9932	1.0052	1.0153	1.0012	1.0025	0.9985	1.0005	1.0007	1.0045
17-18	1.0081	1.0130	1.0026	1.0010	0.9984	1.0081	1.0010	0.9979	0.9995	1.0023	1.0013
16-17	1.0121	1.0065	1.0001	1.0035	1.0026	1.0016	0.9973	1.0033	1.0003	1.0007	1.0017
15-16	1.0098	1.0042	0.9998	1.0048	1.0017	1.0196	0.9998	0.9975	0.9987	1.0056	1.0047
14-15	1.0077	1.0140	1.0054	1.0019	1.0057	1.0069	1.0004	1.0053	1.0029	1.0042	1.0040
13-14	1.0066	1.0043	1.0038	1.0033	1.0046	1.0101	1.0065	1.0072	1.0069	1.0079	1.0063
12-13	1.0081	1.0044	1.0094	1.0069	1.0032	1.0048	1.0010	1.0063	1.0037	1.0040	1.0044
11-12	1.0072	1.0164	1.0063	0.9996	1.0073	1.0074	1.0007	1.0027	1.0017	1.0036	1.0035
10-11	1.0102	1.0100	1.0012	1.0083	1.0046	1.0030	1.0021	0.9998	1.0010	1.0016	1.0036
9-10	1.0026	1.0115	1.0032	1.0041	1.0022	1.0034	0.9996	1.0028	1.0012	1.0019	1.0024
8-9	1.0141	1.0108	1.0072	1.0062	0.9978	0.9989	1.0026	1.0064	1.0045	1.0026	1.0024
7-8	1.0131	1.0211	0.9987	0.9991	0.9971	1.0089	1.0041	0.9996	1.0019	1.0042	1.0018
6-7	1.0065	1.0061	1.0082	1.0162	1.0082	1.0007	1.0138	1.0012	1.0075	1.0052	1.0080
5-6	1.0114	1.0073	0.9982	0.9987	1.0084	1.0003	0.9946	1.0001	0.9974	0.9983	1.0004
4-5	1.0125	1.0164	1.0061	1.0088	1.0309	0.9866	0.9945	0.9919	0.9932	0.9910	1.0025
3-4	1.0144	1.0139	0.9925	1.0047	0.9973	1.0018	1.0018	1.0015	1.0017	1.0017	1.0014
2-3	1.0340	1.0316	1.0252	1.0201	1.0202	0.9999	1.0136	1.0151	1.0144	1.0095	1.0138
1-2	1.0904	1.0682	1.0874	1.0717	1.0478	1.0466	1.0451	1.0195	1.0323	1.0371	1.0461

MEDICAL Adjusted	Paid LDF 12-13	Paid LDF 13-14	Paid LDF 14-15	Paid LDF 15-16	Paid LDF 16-17	Paid LDF 17-18	Paid LDF 18-19	Paid LDF 19-20	2 Yr. Avg. LDF	3 Yr. Avg. LDF	5 Yr. Avg. LDF
29-30				1.0087	1.0093	1.0054	1.0061	1.0046	1.0054	1.0054	1.0068
28-29			1.0056	1.0084	1.0049	1.0088	1.0055	1.0042	1.0049	1.0062	1.0064
27-28		1.0123	1.0070	1.0058	1.0089	1.0061	1.0048	1.0062	1.0055	1.0057	1.0064
26-27	1.0105	1.0084	1.0067	1.0100	1.0061	1.0058	1.0084	1.0056	1.0070	1.0066	1.0072
25-26	1.0106	1.0086	1.0087	1.0077	1.0063	1.0069	1.0059	1.0077	1.0068	1.0068	1.0069
24-25	1.0075	1.0082	1.0063	1.0059	1.0084	1.0087	1.0079	1.0041	1.0060	1.0069	1.0070
23-24	1.0105	1.0070	1.0067	1.0118	1.0093	1.0099	1.0070	1.0063	1.0067	1.0077	1.0089
22-23	1.0088	1.0080	1.0102	1.0080	1.0121	1.0087	1.0078	1.0060	1.0069	1.0075	1.0085
21-22	1.0097	1.0113	1.0125	1.0108	1.0108	1.0108	1.0076	1.0067	1.0072	1.0084	1.0097
20-21	1.0120	1.0126	1.0140	1.0067	1.0099	1.0123	1.0070	1.0053	1.0062	1.0082	1.0082
19-20	1.0145	1.0121	1.0082	1.0117	1.0093	1.0080	1.0089	1.0048	1.0069	1.0072	1.0085
18-19	1.0135	1.0091	1.0111	1.0115	1.0082	1.0094	1.0078	1.0040	1.0059	1.0071	1.0082
17-18	1.0133	1.0110	1.0098	1.0092	1.0068	1.0091	1.0066	1.0082	1.0074	1.0080	1.0080
16-17	1.0192	1.0098	1.0105	1.0080	1.0084	1.0078	1.0117	1.0083	1.0100	1.0093	1.0088
15-16	1.0113	1.0076	1.0079	1.0081	1.0057	1.0129	1.0078	1.0067	1.0073	1.0091	1.0082
14-15	1.0111	1.0134	1.0104	1.0092	1.0108	1.0090	1.0084	1.0059	1.0072	1.0078	1.0087
13-14	1.0115	1.0109	1.0067	1.0149	1.0082	1.0094	1.0075	1.0067	1.0071	1.0079	1.0093
12-13	1.0126	1.0086	1.0141	1.0107	1.0077	1.0125	1.0082	1.0084	1.0083	1.0097	1.0095
11-12	1.0120	1.0156	1.0108	1.0095	1.0102	1.0134	1.0077	1.0050	1.0064	1.0087	1.0092
10-11	1.0151	1.0124	1.0109	1.0097	1.0095	1.0091	1.0073	1.0054	1.0064	1.0073	1.0082
9-10	1.0128	1.0131	1.0137	1.0146	1.0113	1.0086	1.0048	1.0072	1.0060	1.0069	1.0093
8-9	1.0165	1.0142	1.0148	1.0139	1.0095	1.0065	1.0094	1.0087	1.0091	1.0082	1.0096
7-8	1.0162	1.0150	1.0135	1.0110	1.0116	1.0114	1.0082	1.0099	1.0091	1.0098	1.0104
6-7	1.0215	1.0215	1.0128	1.0134	1.0142	1.0078	1.0114	1.0099	1.0107	1.0097	1.0113
5-6	1.0194	1.0169	1.0160	1.0157	1.0147	1.0119	1.0091	1.0068	1.0080	1.0093	1.0116
4-5	1.0248	1.0248	1.0203	1.0177	1.0158	1.0089	1.0118	1.0083	1.0101	1.0097	1.0125
3-4	1.0403	1.0390	1.0350	1.0372	1.0300	1.0181	1.0204	1.0254	1.0229	1.0213	1.0262
2-3	1.0828	1.0831	1.0695	1.0776	1.0628	1.0600	1.0605	1.0595	1.0600	1.0600	1.0641
1-2	1.2548	1.2529	1.2528	1.2608	1.2487	1.2446	1.2351	1.2008	1.2180	1.2268	1.2380

MEDICAL CY Adjusted	Inc-Pd Ratio 2013	Inc-Pd Ratio 2014	Inc-Pd Ratio 2015	Inc-Pd Ratio 2016	Inc-Pd Ratio 2017	Inc-Pd Ratio 2018	Inc-Pd Ratio 2019	Inc-Pd Ratio 2020	2 Yr. Avg. Ratio	3 Yr. Avg. Ratio	5 Yr. Avg. Ratio
30th				1.0566	1.0782	1.0488	1.0526	1.0348	1.0437	1.0454	1.0542
29th			1.0566	1.0647	1.0518	1.0606	1.0389	1.0450	1.0420	1.0482	1.0522
28th		1.0667	1.0753	1.0576	1.0655	1.0419	1.0486	1.0494	1.0490	1.0466	1.0526
27th	1.0767	1.0793	1.0622	1.0733	1.0441	1.0512	1.0477	1.0344	1.0411	1.0444	1.0501
26th	1.0823	1.0692	1.0762	1.0492	1.0561	1.0498	1.0380	1.0523	1.0452	1.0467	1.0491
25th	1.0716	1.0739	1.0523	1.0594	1.0552	1.0454	1.0591	1.0506	1.0549	1.0517	1.0539
24th	1.0780	1.0540	1.0662	1.0626	1.0604	1.0652	1.0529	1.0498	1.0514	1.0560	1.0582
23rd	1.0519	1.0674	1.0701	1.0621	1.0677	1.0594	1.0571	1.0570	1.0571	1.0578	1.0607
22nd	1.0739	1.0779	1.0669	1.0731	1.0652	1.0732	1.0514	1.0673	1.0594	1.0640	1.0660
21st	1.0843	1.0700	1.0829	1.0749	1.0834	1.0616	1.0753	1.0446	1.0600	1.0605	1.0680
20th	1.0717	1.0870	1.0808	1.0848	1.0720	1.0804	1.0491	1.0499	1.0495	1.0598	1.0672
19th	1.0893	1.0745	1.0883	1.0855	1.0814	1.0563	1.0504	1.0266	1.0385	1.0444	1.0600
18th	1.0824	1.1033	1.0885	1.0790	1.0622	1.0558	1.0317	1.0418	1.0368	1.0431	1.0541
17th	1.1010	1.0908	1.0855	1.0745	1.0591	1.0375	1.0514	1.0368	1.0441	1.0419	1.0519
16th	1.0942	1.0885	1.0773	1.0633	1.0446	1.0665	1.0415	1.0364	1.0390	1.0481	1.0505
15th	1.0921	1.0903	1.0642	1.0494	1.0596	1.0480	1.0464	1.0581	1.0523	1.0508	1.0523
14th	1.0893	1.0665	1.0540	1.0655	1.0523	1.0554	1.0582	1.0483	1.0533	1.0540	1.0559
13th	1.0732	1.0548	1.0753	1.0554	1.0540	1.0567	1.0474	1.0333	1.0404	1.0458	1.0494
12th	1.0589	1.0768	1.0578	1.0589	1.0675	1.0556	1.0350	1.0350	1.0350	1.0419	1.0504
11th	1.0756	1.0638	1.0674	1.0721	1.0610	1.0394	1.0372	1.0349	1.0361	1.0372	1.0489
10th	1.0660	1.0776	1.0703	1.0666	1.0487	1.0424	1.0474	1.0622	1.0548	1.0507	1.0535
9th	1.0791	1.0814	1.0755	1.0590	1.0477	1.0534	1.0705	1.0573	1.0639	1.0604	1.0576
8th	1.0850	1.0835	1.0645	1.0588	1.0600	1.0796	1.0604	1.0873	1.0739	1.0758	1.0692
7th	1.0769	1.0803	1.0706	1.0777	1.0808	1.0655	1.0981	1.0520	1.0751	1.0719	1.0748
6th	1.0967	1.0753	1.0728	1.1005	1.0710	1.0963	1.0805	1.0650	1.0728	1.0806	1.0827
5th	1.0855	1.0920	1.1122	1.0780	1.1056	1.0972	1.0677	1.0799	1.0738	1.0816	1.0857
4th	1.1009	1.1284	1.0826	1.0909	1.1212	1.0870	1.0980	1.0733	1.0857	1.0861	1.0941
3rd	1.1532	1.1264	1.1167	1.1647	1.1056	1.1184	1.0999	1.1015	1.1007	1.1066	1.1180
2nd	1.1849	1.1655	1.2091	1.1644	1.1865	1.1508	1.1666	1.2165	1.1916	1.1780	1.1770
1st	1.3666	1.3941	1.3466	1.4259	1.37						

MEDICAL	Selected Paid LDF	Selected Pd-Incur Bridge	Selected Incurred LDF
Beyond		1.0255	1.0615
19-20	1.0069		1.0039
18-19	1.0059		1.0005
17-18	1.0074		0.9995
16-17	1.0100		1.0003
15-16	1.0073		0.9987
14-15	1.0072		1.0029
13-14	1.0071		1.0069
12-13	1.0083		1.0037
11-12	1.0064		1.0017
10-11	1.0064		1.0010
9-10	1.0060		1.0012
8-9	1.0091		1.0045
7-8	1.0091		1.0019
6-7	1.0107		1.0075
5-6	1.0080		0.9974
4-5	1.0101		0.9932
3-4	1.0229		1.0017
2-3	1.0600		1.0144
1-2	1.2428		1.0465

MEDICAL	Policy Year	Incurred LDF	Paid to 20th LDF
Beyond		1.0615	1.0886
19-20	2001	1.0039	1.0069
18-19	2002	1.0005	1.0059
17-18	2003	0.9995	1.0074
16-17	2004	1.0003	1.0100
15-16	2005	0.9987	1.0073
14-15	2006	1.0029	1.0072
13-14	2007	1.0069	1.0071
12-13	2008	1.0037	1.0083
11-12	2009	1.0017	1.0064
10-11	2010	1.0010	1.0064
9-10	2011	1.0012	1.0060
8-9	2012	1.0045	1.0091
7-8	2013	1.0019	1.0091
6-7	2014	1.0075	1.0107
5-6	2015	0.9974	1.0080
4-5	2016	0.9932	1.0101
3-4	2017	1.0017	1.0229
2-3	2018	1.0144	1.0600
1-2	2019	1.0465	1.2428

MEDICAL	Policy Year	Incurred Cum LDF	Paid to 20th Cum LDF
Beyond		1.0615	1.0886
19-20	2001	1.0656	1.0960
18-19	2002	1.0662	1.1025
17-18	2003	1.0656	1.1106
16-17	2004	1.0659	1.1218
15-16	2005	1.0645	1.1299
14-15	2006	1.0675	1.1380
13-14	2007	1.0748	1.1460
12-13	2008	1.0787	1.1556
11-12	2009	1.0806	1.1629
10-11	2010	1.0816	1.1703
9-10	2011	1.0829	1.1773
8-9	2012	1.0878	1.1880
7-8	2013	1.0898	1.1987
6-7	2014	1.0980	1.2115
5-6	2015	1.0950	1.2211
4-5	2016	1.0876	1.2334
3-4	2017	1.0894	1.2616
2-3	2018	1.1050	1.3373
1-2	2019	1.1564	1.6620

MEDICAL	Policy Year	Benefit Level Factor	LAE	Incurred Losses Law Adjustment	Paid Losses Law Adjustment
Beyond					
19-20	2001	1.0000	1.0000	0.9830	0.9826
18-19	2002	1.0000	1.0000	0.9953	0.9951
17-18	2003	1.0000	1.0000	1.0059	1.0062
16-17	2004	1.0000	1.0000	1.0159	1.0164
15-16	2005	1.0000	1.0000	1.0240	1.0255
14-15	2006	1.0000	1.0000	1.0310	1.0325
13-14	2007	1.0000	1.0000	1.0356	1.0369
12-13	2008	1.0000	1.0000	1.0324	1.0336
11-12	2009	1.0000	1.0000	1.0046	1.0048
10-11	2010	1.0000	1.0000	0.9920	0.9915
9-10	2011	1.0000	1.0000	0.9920	0.9916
8-9	2012	1.0000	1.0000	0.9927	0.9921
7-8	2013	1.0000	1.0000	0.9939	0.9935
6-7	2014	1.0000	1.0000	0.9982	0.9981
5-6	2015	1.0000	1.0000	1.0000	1.0000
4-5	2016	1.0000	1.0000	1.0000	1.0000
3-4	2017	1.0000	1.0000	1.0000	1.0000
2-3	2018	1.0000	1.0000	1.0000	1.0000
1-2	2019	1.0000	1.0000	1.0000	1.0000

MEDICAL	Policy Year	Incurred Base	Paid to 20th Base
Beyond			
19-20	2001	467,235,396	455,320,435
18-19	2002	534,126,243	512,810,779
17-18	2003	545,583,401	526,124,950
16-17	2004	591,108,827	570,030,855
15-16	2005	624,176,234	589,055,264
14-15	2006	632,692,767	602,649,785
13-14	2007	669,228,765	646,923,404
12-13	2008	604,349,546	583,253,227
11-12	2009	545,218,191	526,737,126
10-11	2010	606,998,442	571,739,960
9-10	2011	612,816,339	579,882,841
8-9	2012	567,885,814	522,624,319
7-8	2013	566,615,538	538,784,459
6-7	2014	583,049,159	547,543,421
5-6	2015	532,025,356	492,663,354
4-5	2016	522,315,156	486,633,067
3-4	2017	573,524,506	520,693,263
2-3	2018	641,894,512	527,672,957
1-2	2019	528,682,535	391,008,319

MEDICAL	Policy Year	Proj Ult Incurred (Avg Pd & Inc)	Proj Ult Incurred (Incur)	Proj Ult Incurred (Pd-20)
Beyond				
19-20	2001	489,895,580	489,443,428	490,347,731
18-19	2002	564,680,244	566,782,022	562,578,466
17-18	2003	586,374,090	584,830,745	587,917,434
16-17	2004	645,012,036	640,051,264	649,972,808
15-16	2005	681,472,403	680,412,639	682,532,166
14-15	2006	702,209,601	696,311,115	708,108,087
13-14	2007	756,817,275	744,924,528	768,710,022
12-13	2008	684,831,570	673,030,996	696,632,143
11-12	2009	603,684,911	591,891,101	615,478,720
10-11	2010	657,335,028	651,262,132	663,407,924
9-10	2011	667,649,425	658,340,846	676,958,003
8-9	2012	614,608,209	613,249,556	615,966,862
7-8	2013	627,691,389	613,709,020	641,673,757
6-7	2014	650,548,878	639,028,373	662,069,383
5-6	2015	592,079,494	582,567,765	601,591,222
4-5	2016	584,141,595	568,069,964	600,213,225
3-4	2017	640,852,109	624,797,597	656,906,621
2-3	2018	707,475,241	709,293,436	705,657,045
1-2	2019	630,612,155	611,368,483	649,855,826

MEDICAL	Policy Year	Adjusted Incurred (Avg Pd & Inc)	Adjusted Incurred (Incur)	Adjusted Incurred (Pd-20)
Beyond				
19-20	2001	489,895,580	489,443,428	490,347,731
18-19	2002	564,680,244	566,782,022	562,578,466
17-18	2003	586,374,090	584,830,745	587,917,434
16-17	2004	645,012,036	640,051,264	649,972,808
15-16	2005	681,472,403	680,412,639	682,532,166
14-15	2006	702,209,601	696,311,115	708,108,087
13-14	2007	756,817,275	744,924,528	768,710,022
12-13	2008	684,831,570	673,030,996	696,632,143
11-12	2009	603,684,911	591,891,101	615,478,720
10-11	2010	657,335,028	651,262,132	663,407,924
9-10	2011	667,649,425	658,340,846	676,958,003
8-9	2012	614,608,209	613,249,556	615,966,862
7-8	2013	627,691,389	613,709,020	641,673,757
6-7	2014	650,548,878	639,028,373	662,069,383
5-6	2015	592,079,494	582,567,765	601,591,222
4-5	2016	584,141,595	568,069,964	600,213,225
3-4	2017	640,852,109	624,797,597	656,906,621
2-3	2018	707,475,241	709,293,436	705,657,045
1-2	2019	630,612,155	611,368,483	649,855,826

MEDICAL	Policy Year	Loss Ratio (Avg Pd & Inc)	Loss Ratio (Incur)	Loss Ratio (Pd-20)
	2001	0.8415	0.8407	0.8422
	2002	0.9244	0.9279	0.9210
	2003	0.8997	0.8973	0.9020
	2004	0.9364	0.9292	0.9436
	2005	0.8871	0.8857	0.8884
	2006	0.8621	0.8549	0.8694
	2007	0.8935	0.8795	0.9076
	2008	0.8284	0.8141	0.8426
	2009	0.7723	0.7572	0.7874
	2010	0.7954	0.7880	0.8027
	2011	0.7878	0.7768	0.7988
	2012	0.7462	0.7445	0.7478
	2013	0.7411	0.7246	0.7576
	2014	0.7311	0.7182	0.7441
	2015	0.6298	0.6197	0.6399
	2016	0.6018	0.5853	0.6184
	2017	0.6022	0.5871	0.6173
	2018	0.6291	0.6307	0.6275
	2019	0.5397	0.5233	0.5562

MEDICAL FREQUENCY	Policy Year	Claim Frequency	Normalized Frequency	Trend Factor to 1/1/20	Selected Ann Trend Factor	Trend Period # Years	Trend 1/1/20-4/1/23	Combined Trend Factor
	2009	27.89	1.0000					
	2010	27.36	0.9810					
	2011	25.62	0.9186					
	2012	24.02	0.8612					
	2013	23.52	0.8433					
	2014	21.50	0.7709					
	2015	19.82	0.7106					
	2016	18.55	0.6651					
	2017	17.53	0.6285	0.8796	-6.2%	3.25	0.8119	0.7142
	2018	16.87	0.6049	0.9379	-6.2%	3.25	0.8119	0.7614
	2019	14.98	0.5371	1.0000	-6.2%	3.25	0.8119	0.8119

MEDICAL SEVERITY RATIOS	Policy Year	Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
	2009	0.7723	0.7572	0.7874
	2010	0.8108	0.8033	0.8182
	2011	0.8576	0.8456	0.8696
	2012	0.8664	0.8645	0.8683
	2013	0.8788	0.8592	0.8984
	2014	0.9484	0.9317	0.9653
	2015	0.8862	0.8720	0.9004
	2016	0.9048	0.8800	0.9298
	2017	0.9581	0.9341	0.9821
	2018	1.0400	1.0427	1.0374
	2019	1.0048	0.9743	1.0355



MEDICAL Linear FITTED	Policy Year	Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.9196	0.8991	0.9403
	2017	0.9578	0.9382	0.9776
	2018	0.9960	0.9774	1.0148
	2019	1.0342	1.0165	1.0521
5 Point	2015	0.8843	0.8672	0.9015
	2016	0.9215	0.9039	0.9393
	2017	0.9588	0.9406	0.9770
	2018	0.9960	0.9774	1.0148
	2019	1.0333	1.0141	1.0526
6 Point	2014	0.9001	0.8835	0.9169
	2015	0.9229	0.9057	0.9402
	2016	0.9457	0.9280	0.9635
	2017	0.9684	0.9503	0.9867
	2018	0.9912	0.9725	1.0100
	2019	1.0140	0.9948	1.0332
7 Point	2013	0.8780	0.8603	0.8959
	2014	0.9007	0.8828	0.9186
	2015	0.9233	0.9052	0.9414
	2016	0.9459	0.9277	0.9641
	2017	0.9685	0.9502	0.9869
	2018	0.9911	0.9727	1.0096
	2019	1.0137	0.9952	1.0324
8 Point	2012	0.8600	0.8489	0.8711
	2013	0.8817	0.8692	0.8943
	2014	0.9034	0.8894	0.9174
	2015	0.9251	0.9097	0.9406
	2016	0.9468	0.9299	0.9637
	2017	0.9685	0.9502	0.9869
	2018	0.9902	0.9704	1.0100
	2019	1.0119	0.9907	1.0332
9 Point	2011	0.8456	0.8351	0.8561
	2012	0.8660	0.8542	0.8778
	2013	0.8864	0.8733	0.8996
	2014	0.9068	0.8924	0.9213
	2015	0.9272	0.9116	0.9430
	2016	0.9476	0.9307	0.9647
	2017	0.9681	0.9498	0.9864
	2018	0.9885	0.9689	1.0081
	2019	1.0089	0.9881	1.0298
10 Point	2010	0.8202	0.8116	0.8288
	2011	0.8414	0.8314	0.8514
	2012	0.8626	0.8512	0.8740
	2013	0.8838	0.8710	0.8966
	2014	0.9050	0.8908	0.9192
	2015	0.9262	0.9106	0.9418
	2016	0.9474	0.9305	0.9644
	2017	0.9686	0.9503	0.9870
	2018	0.9898	0.9701	1.0096
	2019	1.0110	0.9899	1.0322

MEDICAL Linear <b>TRENDED</b>		Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	1.1583	1.1437	1.1731
5 Point	Fitted	1.1543	1.1335	1.1754
6 Point	Fitted	1.0879	1.0671	1.1089
7 Point	Fitted	1.0872	1.0682	1.1064
8 Point	Fitted	1.0824	1.0565	1.1085
9 Point	Fitted	1.0752	1.0502	1.1004
10 Point	Fitted	1.0798	1.0543	1.1056

MEDICAL Linear <b>Severity Trend Factor</b>		Sev Trend Factor (Avg Pd & Inc)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2017	1.2093	1.2191	1.2000
	2018	1.1630	1.1702	1.1560
	2019	1.1200	1.1252	1.1150
5 Point	2017	1.2039	1.2050	1.2030
	2018	1.1589	1.1597	1.1582
	2019	1.1171	1.1177	1.1166
6 Point	2017	1.1234	1.1230	1.1238
	2018	1.0976	1.0973	1.0979
	2019	1.0730	1.0727	1.0732
7 Point	2017	1.1226	1.1242	1.1211
	2018	1.0970	1.0982	1.0958
	2019	1.0725	1.0734	1.0716
8 Point	2017	1.1176	1.1119	1.1232
	2018	1.0931	1.0887	1.0974
	2019	1.0697	1.0664	1.0728
9 Point	2017	1.1107	1.1057	1.1156
	2018	1.0878	1.0839	1.0915
	2019	1.0657	1.0629	1.0685
10 Point	2017	1.1149	1.1095	1.1202
	2018	1.0910	1.0868	1.0951
	2019	1.0681	1.0651	1.0712

MEDICAL Expon'l <b>FITTED</b>	Policy Year	Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	2016	0.9193	0.8982	0.9404
	2017	0.9564	0.9363	0.9766
	2018	0.9951	0.9760	1.0142
	2019	1.0354	1.0174	1.0532
5 Point	2015	0.8851	0.8678	0.9024
	2016	0.9204	0.9025	0.9382
	2017	0.9570	0.9385	0.9755
	2018	0.9951	0.9760	1.0142
	2019	1.0348	1.0150	1.0544
6 Point	2014	0.9008	0.8841	0.9177
	2015	0.9223	0.9050	0.9397
	2016	0.9444	0.9265	0.9623
	2017	0.9669	0.9484	0.9854
	2018	0.9900	0.9709	1.0091
	2019	1.0137	0.9939	1.0333
7 Point	2013	0.8793	0.8616	0.8972
	2014	0.9005	0.8825	0.9185
	2015	0.9221	0.9039	0.9403
	2016	0.9442	0.9258	0.9626
	2017	0.9669	0.9483	0.9855
	2018	0.9901	0.9713	1.0089
	2019	1.0139	0.9948	1.0328
8 Point	2012	0.8619	0.8508	0.8730
	2013	0.8820	0.8695	0.8944
	2014	0.9025	0.8885	0.9164
	2015	0.9234	0.9080	0.9389
	2016	0.9449	0.9279	0.9619
	2017	0.9669	0.9483	0.9855
	2018	0.9894	0.9690	1.0097
	2019	1.0124	0.9903	1.0344
9 Point	2011	0.8481	0.8375	0.8587
	2012	0.8667	0.8549	0.8785
	2013	0.8858	0.8728	0.8989
	2014	0.9053	0.8910	0.9197
	2015	0.9253	0.9096	0.9410
	2016	0.9457	0.9286	0.9628
	2017	0.9665	0.9479	0.9850
	2018	0.9878	0.9677	1.0078
	2019	1.0095	0.9879	1.0312
10 Point	2010	0.8232	0.8144	0.8319
	2011	0.8424	0.8324	0.8524
	2012	0.8620	0.8507	0.8733
	2013	0.8821	0.8694	0.8947
	2014	0.9027	0.8886	0.9167
	2015	0.9237	0.9082	0.9392
	2016	0.9453	0.9282	0.9623
	2017	0.9673	0.9487	0.9859
	2018	0.9899	0.9696	1.0102
	2019	1.0129	0.9909	1.0350

MEDICAL Expon'l <b>TRENDED</b>		Severity Ratio (Avg Pd & Inc)	Severity Ratio (Incur)	Severity Ratio (Pd-20)
4 Point	Fitted	1.1778	1.1644	1.1908
5 Point	Fitted	1.1748	1.1527	1.1966
6 Point	Fitted	1.0945	1.0725	1.1161
7 Point	Fitted	1.0952	1.0754	1.1147
8 Point	Fitted	1.0909	1.0626	1.1192
9 Point	Fitted	1.0836	1.0565	1.1108
10 Point	Fitted	1.0917	1.0637	1.1199

MEDICAL Expon'l <b>Severity Trend Factor</b>		Sev Trend Factor (Avg Pd & Inc)	Sev Trend Factor (Incur)	Sev Trend Factor (Pd-20)
4 Point	2017	1.2314	1.2437	1.2194
	2018	1.1835	1.1931	1.1742
	2019	1.1375	1.1445	1.1306
5 Point	2017	1.2275	1.2282	1.2266
	2018	1.1805	1.1810	1.1798
	2019	1.1353	1.1357	1.1348
6 Point	2017	1.1319	1.1308	1.1327
	2018	1.1055	1.1046	1.1061
	2019	1.0797	1.0791	1.0802
7 Point	2017	1.1327	1.1341	1.1311
	2018	1.1061	1.1072	1.1049
	2019	1.0802	1.0810	1.0792
8 Point	2017	1.1283	1.1206	1.1357
	2018	1.1026	1.0965	1.1085
	2019	1.0776	1.0730	1.0820
9 Point	2017	1.1212	1.1145	1.1276
	2018	1.0970	1.0917	1.1021
	2019	1.0734	1.0694	1.0772
10 Point	2017	1.1286	1.1212	1.1359
	2018	1.1029	1.0971	1.1086
	2019	1.0778	1.0734	1.0821

MEDICAL Linear LR Trend Factor		LR Trend Factor (Avg Pd & Inc)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2017	0.8637	0.8707	0.8570
	2018	0.8855	0.8910	0.8802
	2019	0.9093	0.9135	0.9053
5 Point	2017	0.8598	0.8606	0.8592
	2018	0.8824	0.8830	0.8819
	2019	0.9070	0.9075	0.9066
6 Point	2017	0.8023	0.8020	0.8026
	2018	0.8357	0.8355	0.8359
	2019	0.8712	0.8709	0.8713
7 Point	2017	0.8018	0.8029	0.8007
	2018	0.8353	0.8362	0.8343
	2019	0.8708	0.8715	0.8700
8 Point	2017	0.7982	0.7941	0.8022
	2018	0.8323	0.8289	0.8356
	2019	0.8685	0.8658	0.8710
9 Point	2017	0.7933	0.7897	0.7968
	2018	0.8283	0.8253	0.8311
	2019	0.8652	0.8630	0.8675
10 Point	2017	0.7963	0.7924	0.8000
	2018	0.8307	0.8275	0.8338
	2019	0.8672	0.8648	0.8697

MEDICAL Expon'l LR Trend Factor		LR Trend Factor (Avg Pd & Inc)	LR Trend Factor (Incur)	LR Trend Factor (Pd-20)
4 Point	2017	0.8795	0.8883	0.8709
	2018	0.9011	0.9084	0.8940
	2019	0.9235	0.9292	0.9179
5 Point	2017	0.8767	0.8772	0.8760
	2018	0.8988	0.8992	0.8983
	2019	0.9218	0.9221	0.9213
6 Point	2017	0.8084	0.8076	0.8090
	2018	0.8417	0.8410	0.8422
	2019	0.8766	0.8761	0.8770
7 Point	2017	0.8090	0.8100	0.8078
	2018	0.8422	0.8430	0.8413
	2019	0.8770	0.8777	0.8762
8 Point	2017	0.8058	0.8003	0.8111
	2018	0.8395	0.8349	0.8440
	2019	0.8749	0.8712	0.8785
9 Point	2017	0.8008	0.7960	0.8053
	2018	0.8353	0.8312	0.8391
	2019	0.8715	0.8682	0.8746
10 Point	2017	0.8060	0.8008	0.8113
	2018	0.8397	0.8353	0.8441
	2019	0.8751	0.8715	0.8786

MEDICAL Linear <b>TRENDED LR</b>	Base Policy Year	Trended LR (Avg Pd & Inc)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2017	0.5201	0.5112	0.5290
	2018	0.5571	0.5620	0.5523
	2019	0.4907	0.4780	0.5035
	3 Yr Ave	0.5226	0.5171	0.5283
5 Point	2017	0.5178	0.5053	0.5304
	2018	0.5551	0.5569	0.5534
	2019	0.4895	0.4749	0.5043
	3 Yr Ave	0.5208	0.5124	0.5294
6 Point	2017	0.4831	0.4709	0.4954
	2018	0.5257	0.5269	0.5245
	2019	0.4702	0.4557	0.4846
	3 Yr Ave	0.4930	0.4845	0.5015
7 Point	2017	0.4828	0.4714	0.4943
	2018	0.5255	0.5274	0.5235
	2019	0.4700	0.4561	0.4839
	3 Yr Ave	0.4928	0.4850	0.5006
8 Point	2017	0.4807	0.4662	0.4952
	2018	0.5236	0.5228	0.5243
	2019	0.4687	0.4531	0.4845
	3 Yr Ave	0.4910	0.4807	0.5013
9 Point	2017	0.4777	0.4636	0.4919
	2018	0.5211	0.5205	0.5215
	2019	0.4669	0.4516	0.4825
	3 Yr Ave	0.4886	0.4786	0.4986
10 Point	2017	0.4795	0.4652	0.4938
	2018	0.5226	0.5219	0.5232
	2019	0.4680	0.4525	0.4837
	3 Yr Ave	0.4900	0.4799	0.5002

MEDICAL Expon'l <b>TRENDED LR</b>	Base Policy Year	Trended LR (Avg Pd & Inc)	Trended LR (Incur)	Trended LR (Pd-20)
4 Point	2017	0.5296	0.5215	0.5376
	2018	0.5669	0.5729	0.5610
	2019	0.4984	0.4863	0.5105
	3 Yr Ave	0.5316	0.5269	0.5364
5 Point	2017	0.5279	0.5150	0.5408
	2018	0.5654	0.5671	0.5637
	2019	0.4975	0.4825	0.5124
	3 Yr Ave	0.5303	0.5215	0.5390
6 Point	2017	0.4868	0.4741	0.4994
	2018	0.5295	0.5304	0.5285
	2019	0.4731	0.4585	0.4878
	3 Yr Ave	0.4965	0.4877	0.5052
7 Point	2017	0.4872	0.4756	0.4987
	2018	0.5298	0.5317	0.5279
	2019	0.4733	0.4593	0.4873
	3 Yr Ave	<b>0.4968</b>	0.4889	0.5046
8 Point	2017	0.4853	0.4699	0.5007
	2018	0.5281	0.5266	0.5296
	2019	0.4722	0.4559	0.4886
	3 Yr Ave	0.4952	0.4841	0.5063
9 Point	2017	0.4822	0.4673	0.4971
	2018	0.5255	0.5242	0.5265
	2019	0.4703	0.4543	0.4865
	3 Yr Ave	0.4927	0.4819	0.5034
10 Point	2017	0.4854	0.4701	0.5008
	2018	0.5283	0.5268	0.5297
	2019	0.4723	0.4561	0.4887
	3 Yr Ave	0.4953	0.4843	0.5064

INDEMNITY Severity		(Avg Pd & Inc)	(Incur)	(Pd-20)
<b>Annual Trend</b>				
4 Point	Linear	3.4%	3.4%	3.4%
5 Point	Linear	2.6%	2.6%	2.7%
6 Point	Linear	1.7%	1.6%	1.7%
7 Point	Linear	1.5%	1.4%	1.6%
8 Point	Linear	1.4%	1.2%	1.6%
9 Point	Linear	1.3%	1.1%	1.5%
10 Point	Linear	1.2%	1.1%	1.4%
4 Point	Expon'l	3.7%	3.7%	3.8%
5 Point	Expon'l	2.8%	2.8%	2.9%
6 Point	Expon'l	1.7%	1.7%	1.8%
7 Point	Expon'l	1.6%	1.5%	1.7%
8 Point	Expon'l	1.5%	1.3%	1.7%
9 Point	Expon'l	1.4%	1.2%	1.6%
10 Point	Expon'l	1.3%	1.1%	1.5%

MEDICAL Severity		(Avg Pd & Inc)	(Incur)	(Pd-20)
<b>Annual Trend</b>				
4 Point	Linear	3.6%	3.7%	3.5%
5 Point	Linear	3.5%	3.5%	3.5%
6 Point	Linear	2.2%	2.2%	2.2%
7 Point	Linear	2.2%	2.2%	2.2%
8 Point	Linear	2.1%	2.0%	2.2%
9 Point	Linear	2.0%	1.9%	2.1%
10 Point	Linear	2.0%	2.0%	2.1%
4 Point	Expon'l	4.0%	4.2%	3.9%
5 Point	Expon'l	4.0%	4.0%	4.0%
6 Point	Expon'l	2.4%	2.4%	2.4%
7 Point	Expon'l	2.4%	2.4%	2.4%
8 Point	Expon'l	2.3%	2.2%	2.5%
9 Point	Expon'l	2.2%	2.1%	2.3%
10 Point	Expon'l	2.3%	2.2%	2.5%



INDEMNITY		(Avg Pd & Inc)	(Incur)	(Pd-20)
Loss Ratio				
Annual Trend				
4 Point	Linear	-3.02%	-3.05%	-2.99%
5 Point	Linear	-3.77%	-3.81%	-3.73%
6 Point	Linear	-4.67%	-4.73%	-4.60%
7 Point	Linear	-4.81%	-4.88%	-4.74%
8 Point	Linear	-4.90%	-5.06%	-4.75%
9 Point	Linear	-4.99%	-5.14%	-4.83%
10 Point	Linear	-5.07%	-5.21%	-4.94%
4 Point	Expon'l	-2.72%	-2.74%	-2.69%
5 Point	Expon'l	-3.58%	-3.62%	-3.53%
6 Point	Expon'l	-4.59%	-4.66%	-4.52%
7 Point	Expon'l	-4.74%	-4.81%	-4.66%
8 Point	Expon'l	-4.83%	-5.01%	-4.66%
9 Point	Expon'l	-4.91%	-5.09%	-4.74%
10 Point	Expon'l	-5.01%	-5.17%	-4.85%

MEDICAL		(Avg Pd & Inc)	(Incur)	(Pd-20)
Loss Ratio				
Annual Trend				
4 Point	Linear	-2.83%	-2.68%	-2.96%
5 Point	Linear	-2.91%	-2.89%	-2.92%
6 Point	Linear	-4.15%	-4.16%	-4.14%
7 Point	Linear	-4.16%	-4.14%	-4.18%
8 Point	Linear	-4.24%	-4.34%	-4.15%
9 Point	Linear	-4.35%	-4.43%	-4.27%
10 Point	Linear	-4.29%	-4.37%	-4.20%
4 Point	Expon'l	-2.44%	-2.25%	-2.61%
5 Point	Expon'l	-2.49%	-2.49%	-2.50%
6 Point	Expon'l	-3.99%	-4.01%	-3.98%
7 Point	Expon'l	-3.98%	-3.96%	-4.01%
8 Point	Expon'l	-4.05%	-4.18%	-3.93%
9 Point	Expon'l	-4.16%	-4.28%	-4.06%
10 Point	Expon'l	-4.05%	-4.17%	-3.92%