## PENNSYLVANIA COMPENSATION RATING BUREAU

Summary of Material for Modification of Experience April 1, 2022 Loss Cost Revision

## PENNSYLVANIA 2022 LOSS COST FILING

## **EFFECTIVE DATE - April 1, 2022**

## **INDEX**

## PART I - INDICATED LOSS COST CHANGE

Χ

Retrospective Development Factors

<u>Exhibit</u>	<u>Description</u>	<u>Page</u>
1	Indicated Change in Loss Cost Level	1
II 	Employer Assessment Factor and Loss Assessment Load	2
III	Policy Year Ratios of Losses to Expected Losses	3
IV	Policy Year Premium On-Level Factors	13
V VI	Policy Year Development Factors Determination of Trend Factors	15 20
<u>Table</u>	<u>Description</u>	
l . A	Policy Year Data From Supplemental Call - Accumulated Standard Earned Premium	22
I-A	Reported Policy Year Data From Supplemental Call - Total Incurred Losses *	23
I-B I-C	Reported Policy Year Data From Supplemental Call - Indemnity Incurred Losses *	24 25
I-C I-D	Reported Policy Year Data From Supplemental Call - Medical Incurred Losses * Reported Policy Year Data From Supplemental Call - Indemnity Paid Losses	25 26
I-E	Reported Policy Year Data From Supplemental Call - Medical Paid Losses	20 27
I-A	Adjusted Policy Year Data From Supplemental Call - Total Incurred Losses *	28
I-B	Adjusted Policy Year Data From Supplemental Call - Indemnity Incurred Losses *	29
I-C	Adjusted Policy Year Data From Supplemental Call - Medical Incurred Losses *	30
I-D	Adjusted Policy Year Data From Supplemental Call - Indemnity Paid Losses	31
I-E	Adjusted Policy Year Data From Supplemental Call - Medical Paid Losses	32
	* Incurred Losses exclude IBNR and Bulk Reserves.  Note: Table I reflects the adjustment of reported data to a Post-HB 1840 & HB 1846 Basis	
PART II - C	LASSIFICATION RELATIVITY	
Exhibit VII	<u>Description</u> Loss Cost Formulae	33
PART III - E	EXPERIENCE RATING PLAN	
<b>Exhibit</b>	<u>Description</u>	
VIII	Collectible Premium Ratios	35
IX	Expected Loss Cost Factors	36

37

## EXHIBIT I

## **INDICATED CHANGE IN LOSS COSTS**

		<u>Indemnity</u>	<u>Medical</u>	<u>Total</u>
(1)	Policy Year 2017 Ratio of Loss to Expected Loss Policy Year 2018 Ratio of Loss to Expected Loss Policy Year 2019 Ratio of Loss to Expected Loss Average (Midpoint = 1/1/2019)	0.5560	0.6022	1.1582
(2)		0.5581	0.6291	1.1872
(3)		0.5107	0.5397	1.0504
(4)		0.5416	0.5903	1.1319
(5)	Policy Year 2017 Ratio Trended to 4/1/2023 + Policy Year 2018 Ratio Trended to 4/1/2023 + Policy Year 2019 Ratio Trended to 4/1/2023 + Average at 4/1/2023	0.4313	0.4872	0.9185
(6)		0.4544	0.5298	0.9842
(7)		0.4364	0.4733	0.9097
(8)		0.4407	0.4968	0.9375
(9)	Indicated Change in Loss Costs	0.4407	0.4968	0.9375 <b>-6.25%</b>

## CHANGES IN MANUAL LOSS COST LEVEL BY INDUSTRY GROUP

	Mfg.	Cont.	<u>Other</u>	<u>Total</u>
<ul><li>(10) Current Collectible Premium Ratio</li><li>(11) Anticipated Collectible Premium Ratio</li></ul>	1.0426 1.0336	1.1272 1.1350	0.9955 0.9984	
(12) Final Indicated Change in Manual Loss Cost Level (9T) * (11) / (10)	0.9294	0.9440	0.9402	0.9389

<sup>+</sup> Refer to pages 20 and 21

## EXHIBIT II

# CALCULATION OF EMPLOYER ASSESSMENT FACTOR AND LOADING FOR LOSS BASED ASSESSMENTS

(1)	2020 PCRB Member Paid Loss*	2,051,577,901
(2)	2021/2022 Fiscal Year Membership Assessment Amount	
	<ul> <li>a. Administration Fund</li> <li>b. Subsequent Injury Fund</li> <li>c. Supersedeas Fund</li> <li>d. Uninsured Employers Guaranty Fund</li> <li>e. Total</li> </ul>	58,722,138 131,421 17,175,821 5,178,174 81,207,554
(3)	2020 Employer Assessment Premium Base	3,032,959,619
(4)	2021/2022 Fiscal Year Membership Assessment Rate	0.0404
	<ul><li>a. Administration Fund (2a) / (3)</li><li>b. Subsequent Injury Fund (2b) / (3)</li></ul>	0.0194 0.0000
	c. Supersedeas Fund (2c) / (3)	0.0057
	<ul> <li>d. Uninsured Employers Guaranty Fund (2d) / (3)</li> <li>e. Employer Assessment Factor (4a) + (4b) + (4c) + (4d)</li> </ul>	0.0017 0.0268
(5)	2021/2022 Fiscal Year Budget for the Office of Small Business Advocate	280,000
(6)	2021/2022 Fiscal Year Membership Assessment Rate for the Office of Small Business Advocate (5) / (1)	0.0001
(7)	Merit Rating Plan Increment Factor	0.0032
(8)	Certified Safety Committee Program Increment Factor	0.0107
(9)	Overall Adjustment for the Office of Small Business Advocate, Merit Rating Plan and Certified Safety Committee Program (6) + (7) + (8)	0.0140

<sup>\*</sup> Loss payments on deductible policies have been adjusted to a first dollar basis.

(1)	Standard Earned Premium Reported (Table I)			1,411,487,490
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			1.0032
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0063
(5)	Factor to Remove Loss Based Assessments			0.9866
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,405,831,081
(7)	Loss Cost Change to 04/1/21 Level			0.8311
(8)	Expected Loss at Current Level (6) * (7)			1,168,386,211
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	229,314,169	391,008,319	620,322,488
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	2.6704	1.6620	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0000	1.0000	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	612,360,557	649,855,826	1,262,216,383
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	612,360,557	649,855,826	1,262,216,383
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.5241	0.5562	1.0803
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	394,722,564	528,682,535	923,405,099
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.4694	1.1564	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0018	1.0000	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	581,042,281	611,368,483	1,192,410,764
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	581,042,281	611,368,483	1,192,410,764
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.4973	0.5233	1.0206
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	596,701,419	630,612,155	1,227,313,574
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.5107	0.5397	1.0504
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.5371	0.5371	
(26)	Severity Ratio * (24) / (25)	0.9508	1.0048	1.9556

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,734,395,974
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9982
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0063
(5)	Factor to Remove Loss Based Assessments			0.9864
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,718,487,425
(7)	Loss Cost Change to 04/1/21 Level			0.6544
(8)	Expected Loss at Current Level (6) * (7)			1,124,578,171
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	435,355,511	527,672,957	963,028,468
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.4707	1.3373	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0012	1.0000	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	641,073,816	705,657,045	1,346,730,861
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	641,073,816	705,657,045	1,346,730,861
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.5701	0.6275	1.1976
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	555,348,512	641,894,512	1,197,243,024
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.1039	1.1050	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0019	1.0000	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	614,212,171	709,293,436	1,323,505,607
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	614,212,171	709,293,436	1,323,505,607
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5462	0.6307	1.1769
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	627,642,994	707,475,241	1,335,118,235
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.5581	0.6291	1.1872
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.6049	0.6049	
(26)	Severity Ratio * (24) / (25)	0.9227	1.0400	1.9627

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,584,357,531
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9991
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0068
(5)	Factor to Remove Loss Based Assessments			0.9863
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,571,861,915
(7)	Loss Cost Change to 04/1/21 Level			0.6770
(8)	Expected Loss at Current Level (6) * (7)			1,064,150,516
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	492,661,291	520,693,263	1,013,354,554
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.2199	1.2616	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0061	1.0000	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	604,681,693	656,906,621	1,261,588,314
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	604,681,693	656,906,621	1,261,588,314
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.5682	0.6173	1.1855
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	561,076,478	573,524,506	1,134,600,984
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0251	1.0894	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0059	1.0000	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	578,554,582	624,797,597	1,203,352,179
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	578,554,582	624,797,597	1,203,352,179
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5437	0.5871	1.1308
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	591,618,138	640,852,109	1,232,470,247
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.5560	0.6022	1.1582
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.6285	0.6285	
(26)	Severity Ratio * (24) / (25)	0.8846	0.9581	1.8427

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,512,238,503
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9998
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0078
(5)	Factor to Remove Loss Based Assessments			0.9853
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,501,330,338
(7)	Loss Cost Change to 04/1/21 Level			0.6465
(8)	Expected Loss at Current Level (6) * (7)			970,610,064
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	489,954,798	486,633,067	976,587,865
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.1399	1.2334	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0111	1.0000	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	564,720,646	600,213,225	1,164,933,871
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	564,720,646	600,213,225	1,164,933,871
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.5818	0.6184	1.2002
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	525,940,694	522,315,156	1,048,255,850
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0102	1.0876	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0107	1.0000	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	536,973,699	568,069,964	1,105,043,663
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	536,973,699	568,069,964	1,105,043,663
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5532	0.5853	1.1385
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	550,847,173	584,141,595	1,134,988,768
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.5675	0.6018	1.1693
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.6651	0.6651	
(26)	Severity Ratio * (24) / (25)	0.8532	0.9048	1.7580

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,503,443,279
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9999
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0076
(5)	Factor to Remove Loss Based Assessments			0.9853
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,492,451,607
(7)	Loss Cost Change to 04/1/21 Level			0.6299
(8)	Expected Loss at Current Level (6) * (7)			940,095,267
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	525,087,666	492,663,354	1,017,751,020
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.1034	1.2211	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0140	1.0000	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	587,469,293	601,591,222	1,189,060,515
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	587,469,293	601,591,222	1,189,060,515
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.6249	0.6399	1.2648
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	550,125,582	532,025,356	1,082,150,938
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0081	1.0950	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0135	1.0000	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	562,078,330	582,567,765	1,144,646,095
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	562,078,330	582,567,765	1,144,646,095
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5979	0.6197	1.2176
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	574,773,812	592,079,494	1,166,853,306
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.6114	0.6298	1.2412
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.7106	0.7106	
(26)	Severity Ratio * (24) / (25)	0.8603	0.8862	1.7465

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,510,269,466
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9998
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0066
(5)	Factor to Remove Loss Based Assessments			0.9857
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,498,198,152
(7)	Loss Cost Change to 04/1/21 Level			0.5939
(8)	Expected Loss at Current Level (6) * (7)			889,779,882
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	561,751,456	547,543,421	1,109,294,877
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0865	1.2115	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0148	0.9982	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	619,401,952	662,147,298	1,281,549,250
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	619,401,952	662,147,298	1,281,549,250
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.6961	0.7442	1.4403
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	581,411,975	583,049,159	1,164,461,134
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0086	1.0980	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0145	0.9981	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	594,906,200	638,953,178	1,233,859,378
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	594,906,200	638,953,178	1,233,859,378
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.6686	0.7181	1.3867
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	607,154,076	650,550,238	1,257,704,314
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.6824	0.7311	1.4135
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.7709	0.7709	
(26)	Severity Ratio * (24) / (25)	0.8852	0.9484	1.8336

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,510,268,872
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9996
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0067
(5)	Factor to Remove Loss Based Assessments			0.9853
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,497,438,759
(7)	Loss Cost Change to 04/1/21 Level			0.5656
(8)	Expected Loss at Current Level (6) * (7)			846,951,362
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	569,292,604	538,784,459	1,108,077,063
(10)	Loss Development Factor to Ultimate	1.0727	1.1987	
(11)	Valuation (Exhibit V-3 & V-5)	1.0154	0.9939	
	Adjustment to Post-HB 1840 & HB 1846 Loss Levels  Ultimate Incurred Losses (9) * (10) * (11)			1 261 076 051
(12)		620,098,510	641,878,441	1,261,976,951
(13)	Benefit Level Factor	1.0000	1.0000	1 061 076 051
(14)	Adjusted Losses (12) * (13)	620,098,510	641,878,441	1,261,976,951
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.7322	0.7579	1.4901
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	583,938,254	566,615,538	1,150,553,792
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0061	1.0898	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0151	0.9935	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	596,396,726	613,513,320	1,209,910,046
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	596,396,726	613,513,320	1,209,910,046
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.7042	0.7244	1.4286
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	608,247,618	627,695,881	1,235,943,499
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.7182	0.7411	1.4593
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.8433	0.8433	
(26)	Severity Ratio * (24) / (25)	0.8516	0.8788	1.7304

 $<sup>^{\</sup>star}\,$  Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,537,436,491
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			0.9997
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0067
(5)	Factor to Remove Loss Based Assessments			0.9858
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,525,301,718
(7)	Loss Cost Change to 04/1/21 Level			0.5400
(8)	Expected Loss at Current Level (6) * (7)			823,662,928
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	558,488,917	522,624,319	1,081,113,236
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0609	1.1880	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0154	0.9927	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	601,643,596	616,358,264	1,218,001,860
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	601,643,596	616,358,264	1,218,001,860
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.7304	0.7483	1.4787
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	582,860,717	567,885,814	1,150,746,531
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0035	1.0878	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0150	0.9921	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	593,653,111	612,860,128	1,206,513,239
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	593,653,111	612,860,128	1,206,513,239
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.7207	0.7441	1.4648
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	597,648,354	614,609,196	1,212,257,550
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.7256	0.7462	1.4718
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.8612	0.8612	
(26)	Severity Ratio * (24) / (25)	0.8425	0.8664	1.7089

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,642,868,564
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			1.0000
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0057
(5)	Factor to Remove Loss Based Assessments			0.9862
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,629,432,101
(7)	Loss Cost Change to 04/1/21 Level			0.5201
(8)	Expected Loss at Current Level (6) * (7)			847,467,636
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	614,960,325	579,882,841	1,194,843,166
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0534	1.1773	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0354	0.9920	
(11)		657,916,398	677,266,374	1,335,182,772
` ,	Benefit Level Factor	1.0000	1.0000	1,000,102,772
` ,	Adjusted Losses (12) * (13)	657,916,398	677,266,374	1,335,182,772
	Policy Year Ratio of Losses to	037,910,390	011,200,314	1,333,102,772
(13)	Expected Losses (14) / (8)	0.7763	0.7992	1.5755
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	630,287,145	612,816,339	1,243,103,484
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0025	1.0829	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0153	0.9916	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	641,556,748	658,041,092	1,299,597,840
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	641,556,748	658,041,092	1,299,597,840
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.7570	0.7765	1.5335
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	649,736,573	667,653,733	1,317,390,306
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.7667	0.7878	1.5545
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.9186	0.9186	
(26)	Severity Ratio * (24) / (25)	0.8346	0.8576	1.6922

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

(1)	Standard Earned Premium Reported (Table I)			1,589,788,794
(2)	Premium Development Factor to Ultimate Level (Exhibit V-1)			1.0000
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0055
(5)	Factor to Remove Loss Based Assessments			0.9859
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4) * (5)			1,575,993,322
(7)	Loss Cost Change to 04/1/21 Level			0.5244
(8)	Expected Loss at Current Level (6) * (7)			826,450,898
Losse	es - Paid-to-20th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D-Reported & I-E-Reported)	641,566,682	571,739,960	1,213,306,642
(10)	Loss Development Factor to Ultimate			
	Valuation (Exhibit V-3 & V-5)	1.0481	1.1703	
(11)	Adjustment to Post-HB 1840 & HB 1846 Loss Levels	1.0156	0.9920	
(12)	Ultimate Incurred Losses (9) * (10) * (11)	682,944,114	663,738,980	1,346,683,094
(13)	Benefit Level Factor	1.0000	1.0000	
(14)	Adjusted Losses (12) * (13)	682,944,114	663,738,980	1,346,683,094
(15)	Policy Year Ratio of Losses to Expected Losses (14) / (8)	0.8264	0.8031	1.6295
Losse	es - Incurred Method			
(16)	Incurred Losses Reported (Table I-B-Reported & I-C-Reported)	654,149,371	606,998,442	1,261,147,813
(17)	Loss Development Factor to Ultimate Valuation (Exhibit V-3 & V-5)	1.0012	1.0816	
(18)	Adjustment to Post-HB 1840 & HB 1846 Loss Level	1.0154	0.9915	
(19)	Ultimate Incurred Losses (16) * (17) * (18)	665,035,512	650,937,299	1,315,972,811
(20)	Benefit Level Factor	1.0000	1.0000	
(21)	Adjusted Losses (19) * (20)	665,035,512	650,937,299	1,315,972,811
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.8047	0.7876	1.5923
Losse	es - Average of Incurred and Paid-to-20th Method			
(23)	Adjusted Ultimate Incurred Losses ((14) + (21)) / 2	673,989,813	657,338,140	1,331,327,953
(24)	Policy Year Ratio of Losses to Expected Losses (23) / (8)	0.8155	0.7954	1.6109
(25)	Normalized Claim Frequency (Exhibit VI-2)	0.9810	0.9810	

<sup>\*</sup> Severity Ratio represents loss ratio adjusted to a common level of claim frequency.

## POLICY YEARS 2010 - 2015 PREMIUM ON-LEVEL FACTORS

POLICY	(1) LOSS COST	(2) LOSS COST	(3) CUM. INDEX OF	<b>(4)</b> PORTION OF YEAR	(5) PRODUCT	FACTOR TO ADJUST to 04/01/21
YEAR	DATE	CHANGE	COL (2)	ON-LEVEL	(3) * (4)	LC LEVEL
2010	4/01/09	BASE	1.0000	0.2929	0.2929	
	4/01/10 4/01/11	1.0068 0.5233	1.0068 0.5269	0.7071	0.7119	
	to 04/01/21	0.0200	0.0200	1.0000	1.0048	0.5244
2011	4/01/10	BASE	1.0000	0.2923	0.2923	
	4/01/11 4/01/12	1.0087 0.5188	1.0087 0.5233	0.7077	0.7139	
	to 04/01/21	0.0100	0.0200	1.0000	1.0062	0.5201
2012	4/01/11	BASE	1.0000	0.3083	0.3083	
	4/01/12 4/01/13	0.9434 0.5499	0.9434 0.5188	0.6917	0.6525 	
	to 04/01/21	0.0100	0.0100	1.0000	0.9608	0.5400
2013	4/01/12	BASE	1.0000	0.3067	0.3067	
	4/01/13 4/01/14	0.9599 0.5729	0.9599 0.5499	0.6933	0.6655	
	to 04/01/21	0.0720	0.0400	1.0000	0.9722	0.5656
2014	4/01/13	BASE	1.0000	0.3118	0.3118	
	4/01/14 4/01/15	0.9485 0.6040	0.9485 0.5729	0.6882	0.6528	
	to 04/01/21	0.0040	0.0120	1.0000	0.9646	0.5939
2015	4/01/14	BASE	1.0000	0.3138	0.3138	
	4/01/15 4/01/16	0.9401 0.6425	0.9401 0.6040	0.6862	0.6451	
	to 04/01/21	0.0720	0.0040	1.0000	0.9589	0.6299

## POLICY YEARS 2016 - 2019 PREMIUM ON-LEVEL FACTORS

POLICY YEAR	(1) LOSS COST DATE	(2) LOSS COST CHANGE	(3) CUM. INDEX OF COL (2)	(4) PORTION OF YEAR ON-LEVEL	(5) PRODUCT (3) * (4)	FACTOR TO ADJUST to 04/01/21 LC LEVEL
2016	4/01/15 4/01/16 4/01/17	BASE 0.9910 0.6483	1.0000 0.9910 0.6425	0.3073 0.6927	0.3073 0.6865	
	to 04/01/21	0.0100	0.0 120	1.0000	0.9938	0.6465
2017	4/01/16 4/01/17 2/01/18	BASE 0.9379 0.6912	1.0000 0.9379 0.6483	0.3179 0.6821	0.3179 0.6397	
	to 04/01/21	0.0312	0.0403	1.0000	0.9576	0.6770
2018	4/01/17 2/01/18 4/01/18 1/01/19 to 04/01/21	BASE 1.0606 1.0070 0.6472	1.0000 1.0606 1.0680 0.6912	0.1577 0.1355 0.7068 1.0000	0.1577 0.1437 0.7549 1.0563	0.6544
2019	1/01/19 4/01/19 4/01/20 to 04/01/21	BASE 0.8705 0.8720	1.0000 0.8705 0.7591	0.3314 0.6686 1.0000	0.3314 0.5820 	0.8311
2020	4/01/19 4/01/20 4/01/21	BASE 0.8992 0.9698	1.0000 0.8992 0.8720	0.3243 0.6757	0.3243 0.6076	
				1.0000	0.9319	0.9357

## **DEVELOPMENT FACTORS**

## **PREMIUM**

Reports	Policy	2019-2020	Policy	2018-2019	Policy	2017-2018	Policy	2016-2017	Unweighted	Selected	Cumulative
<u>in Ratio</u>	<u>Year</u>	<u>Ratio</u>	<u>Year</u>	<u>Ratio</u>	<u>Year</u>	<u>Ratio</u>	<u>Year</u>	<u>Ratio</u>	<u>Average</u>	<u>Average</u>	<u>Average</u>
2nd to 1st 3rd to 2nd 4th to 3rd 5th to 4th 6th to 5th 7th to 6th 8th to 7th 9th to 8th 10th to 9th 11th to 10th 12th to 11th 13th to 12th 14th to 13th 15th to 14th	2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	1.0125 0.9977 0.9998 0.9999 1.0001 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	1.0128 0.9990 0.9990 1.0003 1.0001 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003	1.0088 0.9991 0.9981 1.0000 1.0001 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002	1.0090 1.0005 1.0005 0.9995 1.0002 1.0003 0.9999 0.9988 1.0000 1.0000 1.0000 1.0000 1.0000	1.0108 0.9991 0.9993 0.9999 1.0001 1.0002 0.9999 0.9997 1.0000 1.0000 1.0000 1.0000 1.0000	1.0050 0.9991 0.9993 0.9999 1.0001 1.0002 0.9999 0.9997 1.0000 1.0000 1.0000 1.0000 1.0000	1.0032 0.9982 0.9991 0.9998 0.9999 0.9998 0.9996 0.9997 1.0000 1.0000 1.0000 1.0000
16th to 15th	2004	1.0000	2003	1.0000	2002	0.9999	2001	1.0000	1.0000	1.0000	1.0000
17th to 16th	2003	1.0000	2002	1.0001	2001	1.0001	2000	1.0000	1.0000	1.0000	1.0000
18th to 17th	2002	1.0000	2001	1.0000	2000	1.0001	1999	1.0000	1.0000	1.0000	1.0000
19th to 18th	2001	1.0000	2000	1.0000	1999	1.0000	1998	1.0000	1.0000	1.0000	1.0000
20th to 19th	2000	1.0000	1999	1.0000	1998	1.0000	1997	1.0000	1.0000	1.0000	1.0000

Policy <u>Year</u>	Present <u>Valuation</u>	Premium Development Factor
2001	Nineteenth	1.0000
2002	Eighteenth	1.0000
2003	Seventeenth	1.0000
2004	Sixteenth	1.0000
2005	Fifteenth	1.0000
2006	Fourteenth	1.0000
2007	Thirteenth	1.0000
2008	Twelfth	1.0000
2009	Eleventh	1.0000
2010	Tenth	1.0000
2011	Ninth	1.0000
2012	Eighth	0.9997
2013	Seventh	0.9996
2014	Sixth	0.9998
2015	Fifth	0.9999
2016	Fourth	0.9998
2017	Third	0.9991
2018	Second	0.9982
2019	First	1.0032

#### REPORTED DEVELOPMENT FACTORS

## INDEMNITY LOSSES PAID METHOD

							PAID WEIR	IOD						
Reports in Ratio		Policy <u>Year</u>	2019-2020 Ratio	Policy <u>Year</u>	2018-2019 <u>Ratio</u>	Policy <u>Year</u>	2017-2018 <u>Ratio</u>	Policy <u>Year</u>	2016-2017 <u>Ratio</u>	Policy <u>Year</u>	2015-2016 <u>Ratio</u>	2 Year Average	3 Year Average	5 Year <u>Average</u>
2nd to 1st	а	2018	1.8117	2017	1.8327	2016	1.7967	2015	1.7865	2014	1.8713	1.8222	1.8137	1.8198
3rd to 2nd	a	2017	1.1949	2016	1.2209	2015	1.2113	2014	1.2311	2013	1.2582	1.2079	1.2090	1.2233
4th to 3rd	a	2016	1.0719	2015	1.0705	2014	1.0825	2013	1.0815	2012	1.0979	1.0712	1.0750	1.0809
5th to 4th	a	2015	1.0296	2014	1.0376	2013	1.0351	2012	1.0359	2011	1.0380	1.0336	1.0341	1.0352
6th to 5th	a	2014	1.0182	2013	1.0134	2012	1.0259	2011	1.0226	2010	1.0275	1.0158	1.0192	1.0215
7th to 6th	а	2013	1.0113	2012	1.0148	2011	1.0159	2010	1.0167	2009	1.0220	1.0131	1.0140	1.0162
8th to 7th	а	2012	1.0110	2011	1.0114	2010	1.0097	2009	1.0132	2008	1.0111	1.0112	1.0107	1.0113
9th to 8th	а	2011	1.0042	2010	1.0104	2009	1.0067	2008	1.0068	2007	1.0104	1.0073	1.0071	1.0077
10th to 9th	а	2010	1.0048	2009	1.0055	2008	1.0081	2007	1.0076	2006	1.0088	1.0052	1.0061	1.0070
11th to 10th	а	2009	1.0038	2008	1.0050	2007	1.0069	2006	1.0072	2005	1.0081	1.0044	1.0053	1.0062
12th to 11th	а	2008	1.0034	2007	1.0052	2006	1.0079	2005	1.0050	2004	1.0068	1.0043	1.0055	1.0057
13th to 12th	а	2007	1.0040	2006	1.0051	2005	1.0059	2004	1.0061	2003	1.0045	1.0046	1.0050	1.0051
	а	2006	1.0031	2005	1.0049	2004	1.0054	2003	1.0042	2002	1.0045	1.0040	1.0045	1.0044
15th to 14th		2005	1.0031	2004	1.0077	2003	1.0039	2002	1.0033	2001	1.0020	1.0054	1.0049	1.0040
16th to 15th		2004	1.0048	2003	1.0038	2002	1.0037	2001	1.0029	2000	1.0021	1.0043	1.0041	1.0035
17th to 16th		2003	1.0020	2002	1.0048	2001	1.0019	2000	1.0022	1999	1.0017	1.0034	1.0029	1.0025
18th to 17th		2002	1.0023	2001	1.0024	2000	1.0015	1999	1.0016	1998	1.0020	1.0023	1.0021	1.0020
19th to 18th		2001	1.0016	2000	1.0018	1999	1.0015	1998	1.0016	1997	1.0019	1.0017	1.0016	1.0017
	а	2000	1.0008	1999	1.0010	1998	1.0017	1997	1.0020	1996	1.0028	1.0009	1.0012	1.0017
21st to 20th	а	1999	1.0018	1998	1.0009	1997	1.0016	1996	1.0029	1995	1.0041	1.0014	1.0014	1.0022
	а	1998	1.0009	1997	1.0026	1996	1.0022	1995	1.0030	1994	1.0049	1.0017	1.0019	1.0027
	а	1997	1.0018	1996	1.0027	1995	1.0027	1994	1.0041	1993	1.0042	1.0023	1.0024	1.0031
	а	1996	1.0019	1995	1.0033	1994	1.0042	1993	1.0041	1992	1.0041	1.0026	1.0031	1.0035
	а	1995	1.0023 1.0028	1994 1993	1.0045	1993 1992	1.0035	1992 1991	1.0033	1991	1.0036	1.0034 1.0030	1.0034	1.0034 1.0031
26th to 25th		1994	1.0028	1993	1.0032		1.0037		1.0031 1.0024	1990	1.0029		1.0032	
27th to 26th		1993 1992		1992	1.0039	1991 1990	1.0028	1990 1989	1.0024	1989	1.0030 1.0020	1.0035	1.0032 1.0031	1.0030
28th to 27th 29th to 28th		1992	1.0036 1.0027	1991	1.0030 1.0023	1989	1.0027 1.0022	1988	1.0026	1988 1987	1.0020	1.0033 1.0025	1.0031	1.0028 1.0021
30th to 29th		1990	1.0027	1989	1.0023	1988	1.0022	1987	1.0015	1986	1.0010	1.0023	1.0024	1.0021
300110 2901	а	1990	1.0021	1909	1.0020	1900	1.0013	1907	1.0013	1900	1.0024	1.0020	1.0019	1.0019
						INC	CURRED ME	THOD						
Reports		Policy	2019-2020	Policy	2018-2019	Policy	2017-2018	Policy	2016-2017	Policy	2015-2016	2 Year	3 Year	5 Year
in Ratio		<u>Year</u>	Ratio	<u>Year</u>	Ratio	<u>Year</u>	Ratio	Year	Ratio	Year	Ratio	<u>Average</u>	Average	Average
												-	-	•
2nd to 1st	b	2018	1.3220	2017	1.3533	2016	1.3301	2015	1.3372	2014	1.3303	1.3376	1.3351	1.3346
3rd to 2nd	b	2017	1.0724	2016	1.0865	2015	1.0797	2014	1.0864	2013	1.0948	1.0795	1.0795	1.0840
4th to 3rd	b	2016	1.0101	2015	1.0219	2014	1.0173	2013	1.0105	2012	1.0319	1.0160	1.0164	1.0183
5th to 4th	b	2015	1.0004	2014	1.0049	2013	0.9977	2012	1.0050	2011	1.0040	1.0026	1.0010	1.0024
6th to 5th	b	2014	1.0016	2013	0.9982	2012	1.0035	2011	1.0078	2010	1.0002	0.9999	1.0011	1.0023
7th to 6th	b	2013	1.0011	2012	1.0048	2011	1.0001	2010	1.0068	2009	1.0058	1.0029	1.0020	1.0037
8th to 7th	b	2012	1.0030	2011	1.0027	2010	1.0021	2009	1.0043	2008	0.9999	1.0028	1.0026	1.0024
9th to 8th	b	2011	1.0008	2010	1.0017	2009	1.0029	2008	1.0015	2007	1.0013	1.0013	1.0018	1.0017
10th to 9th	b	2010	1.0011	2009	1.0018	2008	0.9995	2007	1.0033	2006	1.0025	1.0015	1.0008	1.0016
	b	2009	1.0004	2008	0.9990	2007	1.0022	2006	1.0011	2005	1.0014	0.9997	1.0005	1.0008
12th to 11th		2008	1.0007	2007	0.9999	2006	1.0026	2005	1.0011	2004	1.0014	1.0003	1.0010	1.0011
13th to 12th		2007	1.0020	2006	1.0009	2005	1.0020	2004	1.0009	2003	1.0007	1.0015	1.0017	1.0013
14th to 13th		2006	1.0012	2005 2004	0.9990	2004	1.0005	2003 2002	1.0016	2002	1.0016	1.0001	1.0003	1.0008
15th to 14th 16th to 15th	b	2005 2004	1.0004 0.9989	2004	1.0003 0.9979	2003 2002	0.9993 1.0011	2002	1.0014 1.0001	2001 2000	1.0013 0.9999	1.0004 0.9984	1.0000 0.9993	1.0005 0.9996
	b	2004	0.9986	2003	0.9979	2002	1.0001	2001	1.0001	1999	1.0005	0.9991	0.9993	1.0001
	b	2003	0.9999	2002	1.0001	2001	1.0009	1999	1.0012	1999	1.0003	1.0000	1.0000	1.0001
	b	2002	0.9999	2000	1.0001	1999	1.0000	1998	0.9999	1997	1.0003	1.0001	1.0004	1.0002
	b	2001	1.0003	1999	0.9994	1999	1.0009	1996	1.0004	1997	0.9999	0.9999	1.0004	1.0007
	h	1999	1.0003	1999	1.0011	1997	1.0007	1997	0.9998	1995	0.9984	1.0009	1.0002	1.0001
22nd to 21st	~	1998	1.0007	1997	1.0011	1996	0.9996	1995	1.0009	1994	1.0018	1.0009	1.0005	1.0008
23rd to 22nd		1997	1.0007	1996	0.9996	1995	1.0002	1994	0.9998	1993	1.0002	1.0003	1.0003	1.0001
24th to 23rd		1996	0.9989	1995	1.0004	1994	0.9999	1993	0.9999	1992	1.0011	0.9997	0.9997	1.0001
	b	1995	1.0004	1994	0.9991	1993	1.0000	1992	1.0000	1991	1.0008	0.9997	0.9998	1.0001
		1994	1.0005	1993	1.0004	1992	1.0024	1991	0.9995	1990	1.0006	1.0004	1.0011	1.0007
26th to 25th	b													
								1990	1.0003	1989	1.0005	1.0018		1.0010
27th to 26th	b b b	1993 1992	1.0003	1992 1991	1.0034	1991 1990	1.0005	1990 1989	1.0003 1.0003	1989 1988	1.0005 1.0004	1.0018 1.0003	1.0014	1.0010 1.0004
27th to 26th	b b	1993		1992	1.0034	1991		1990 1989 1988	1.0003 1.0003 0.9995	1989 1988 1987	1.0005 1.0004 0.9992			1.0010 1.0004 0.9996
27th to 26th 28th to 27th	b b b	1993 1992	1.0003 1.0009	1992 1991	1.0034 0.9997	1991 1990	1.0005 1.0007	1989	1.0003	1988	1.0004	1.0003	1.0014 1.0004	1.0004

a From Table I - D - Reported b From Table I - B - Reported

<sup>16</sup> 

#### POST-HB 1840 DEVELOPMENT FACTORS

## INDEMNITY LOSSES PAID METHOD

Part																
Company   Comp	Reports	Policy	2019-2020	Policy	2018-2019	Policy	2017-2018	Policy	2016-2017	Policy	2015-2016	2 Year	3 Year	5 Year	Selected	Cumulative
See	in Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Average	Average	Average	Average	<u>Average</u>
See																
4th part   2   2016   1.0770   2015   1.0894   2014   1.0123   2013   1.0815   2012   1.07979   1.07972   1.0792   1.0																
Selection   Sele																
Person   P																
Phi																
Bit Day   2019   1.0169   2011   1.0142   2010   1.0067   2008   1.0132   2008   1.0111   1.0111   1.0101   1.0107   1.0070   1.0072   1.0070   1																
Sept																
19th   19th   2009   1.0034   2009   1.0050   2009   1.0060   2007   1.0076   2005   1.0088   1.0084																
19th 10 19th   a   2009																
128h to 118h   a   2008																
Heath Dr. 138h   a   2006																
Shi no 14th a   2006	13th to 12th a	2007	1.0040	2006	1.0050	2005	1.0059	2004	1.0061	2003	1.0045	1.0045	1.0050	1.0051	1.0045	1.0391
Selh to 15th   a																
17th to 16th a																
18th to 17th   a   2002																
Selection   Sele																
20th to 19th a   2000   1,0008   1999   1,0010   1998   1,0017   1998   1,0017   1,0020   1998   1,0021   1998   1,0021   1,0014   1,0014   1,0014   1,0012   1,001																
Zerla to 20th a 1999																
22nd to 22nd a 1998   1,0008   1997   1,0025   1996   1,0026   1995   1,0026   1994   1,0046   1,0017   1,0018   1,0026   1995   1,0036   1994   1,0034																
23th to 22nd   1997   1,0018   1996   1,0028   1995   1,0026   1995   1,0026   1994   1,0039   1993   1,0041   1,0022   1,0023   1,0030   1,0032   25th to 24th   2   1996   1,0021   1,0041   1,0042   1993   1,0036   1,0031   1,0032   1,0031   1,0032   1,0032   1,0032   1,0032   1,0033   1,0032   1,0033   1,0034   1,0032   1,0033   1,0034   1,0032   1,0033   1,0034   1,0034   1,0032   1,0033   1,0034   1															1.0122	<b>b</b> 1.0122
24th to 23rd a 1996 1 .0021 1994 1 .0031 1994 1 .0040 1993 1 .0040 1992 1 .0030 1 .0025 1 .0030 1 .0034 1 .0032 28th to 24th a 1995 1 .0022 1994 1 .0024 1 .0031 1 .0033 1 .0031 1 .0030 1 .0032 1 .0033 1 .0032 28th to 25th a 1994 1 .0027 1 .0030 1 .0030 1 .0030 1 .0032 1 .0033 1 .0034 27th to 25th a 1994 1 .0026 1 .0026 1 .0031 1 .0029 1 .0033 1 .0034 27th to 25th a 1993 1 .0026 1 .0032 1 .0033 1 .0031 1 .0039 28th to 27th a 1995 1 .0026 1 .0031 1 .0029 1 .0033 1 .0031 1 .0039 28th to 27th a 1992 1 .0034 1 .0031 1 .0029 1 .0032 1 .0033 1 .0031 1 .0039 28th to 27th a 1992 1 .0034 1 .0031 1 .0029 1 .0032 1 .0033 1 .0031 1 .0039 28th to 27th a 1992 1 .0034 1 .0032 1 .0035 1 .0032 1 .0033 1 .0031 1 .0039 28th to 27th a 1990 1 .0026 1 .0032 1 .0036 1 .0032 1 .0035 1 .0032 1 .0033 1 .0039 2 .0035 1 .0032 1 .0033 1 .0039 2 .0035 1 .0032 1 .0033 1 .0039 2 .0035 1 .0032 1 .00																
Zebin Cath   a   1996   1,0022   1994   1,0042   1993   1,0036   1992   1,0036   1991   1,0036   1991   1,0036   1992   1,0029   1,0029   1,0029   1,0031   1,0030   1,0031   1,0020   27th to Zebin   a   1993   1,0038   1992   1,0038   1991   1,0026   1998   1,0026   1998   1,0026   1998   1,0026   1998   1,0026   1998   1,0026   1998   1,0026   1998   1,0026   1998   1,0026																
28th c 25th a   1994   1,0027   1993   1,0030   1992   1,0036   1991   1,0030   1999   1,0029   1,0029   1,0031   1,0030   1,0032   27th c 25th a   1992   1,0034   1999   1,0026   1998   1,0026   1998   1,0030   1,0032   1,0030   1,0027   1,003																
ZPH to ZPH a																
Zelh to Zelh a   1991   1,0026   1990   1,0021   1989   1,0021   1988   1,0015   1987   1,0016   1986   1,0024   1,0024   1,0023   1,0020   1,0019   1,001		1993	1.0028	1992		1991	1.0027	1990		1989		1.0033	1.0031			
South to 29th   a   1990   1,0020   1989   1,0019   1988   1,0015   1987   1,0015   1986   1,0024   1,0020   1,0018   1,0019	28th to 27th a	1992	1.0034	1991	1.0029	1990	1.0026	1989	1.0026	1988	1.0019	1.0032		1.0027		
Reports   Policy   2019-2020   Policy   2018-2019   Policy   Ratio   Year   Year   Ratio   Year   Ratio   Year   Y	29th to 28th a								1.0016							
Reports   Policy	30th to 29th a	1990	1.0020	1989	1.0019	1988	1.0015	1987	1.0015	1986	1.0024	1.0020	1.0018	1.0019		
Reports   Policy																
In Ratio   Year   Ratio   Average   Ave								INCHIDED N	METHOD							
In Ratio   Year   Ratio   Average   Ave								INCURRED N	METHOD							
2nd to 1st c 2018 1.3174 2017 1.3449 2016 1.3284 2015 1.3372 2014 1.3303 1.3312 1.3302 1.3316 1.3312 1.4694 3rd to 2nd c 2017 1.0704 2016 1.0832 2015 1.0791 2014 1.0864 2013 1.0948 1.0766 1.0828 1.0776 1.0828 1.0778 1.039 4th to 3rd c 2016 1.0091 2015 1.0205 2014 1.0707 2013 1.0105 2012 1.0319 1.0148 1.0155 1.0178 1.0148 1.0255 5th to 4th c 2015 0.9999 2014 1.0042 2013 0.9976 2012 1.0050 2011 1.0040 1.0021 1.0006 1.0021 1.0021 1.0102 5th to 5th c 2014 1.0012 2013 0.9978 2012 1.0034 2011 1.0079 2010 1.0005 2011 1.0004 1.0021 1.0008 1.0021 1.0021 1.0021 7th to 6th c 2013 1.0008 2012 1.0043 2011 1.0000 2010 1.0068 2009 1.0058 1.0025 1.0081 1.0021 1.0025 1.0086 8th to 7th c 2012 1.0026 2011 1.0026 2011 1.0020 2009 1.0043 2010 1.0068 2009 1.0058 1.0025 1.0025 1.0026 1.0086 8th to 7th c 2012 1.0026 2011 1.0026 2010 1.0059 2009 1.0043 2008 0.9999 1.0025 1.0023 1.0022 1.0025 1.0086 10th to 9th c 2010 1.0009 2009 1.0017 2008 0.9995 2007 1.0033 2006 1.0017 1.0017 1.0016 1.0011 1.0033 1.0025 1.0061	Reports	Policy	2019-2020	Policy	2018-2019	Policy				Policy	2015-2016	2 Year	3 Year	5 Year	Selected	Cumulative
3rd 10 2nd   c   2017   1,0704   2016   1,0832   2015   1,0791   2014   1,0864   2013   1,0948   1,0768   1,0776   1,0828   1,0768   1,1039							2017-2018	Policy	2016-2017							
4th to 3rd c 2016 1,0091 2015 1,0205 2014 1,0170 2013 1,0105 2012 1,0319 1,0148 1,0155 1,0178 1,0148 1,0251 5 th o 4th c 2015 0,9999 2014 1,0042 2013 0,9976 2012 1,0050 2011 1,0004 1,0021 1,0006 1,0021 1,0021 1,0021 1,0102 6 th o 5th c 2014 1,0012 2013 0,9978 2012 1,0034 2011 1,0078 2010 1,0002 0,9995 1,0008 1,0021 0,9995 1,0086 8 th o 7th c 2012 1,0026 2011 1,0043 2011 1,0004 2010 1,0088 2009 1,0058 1,0028 1,0017 1,0035 1,0026 1,0086 8 th o 7th c 2012 1,0026 2011 1,0024 2010 1,0020 2009 1,0043 2008 0,9999 1,0025 1,0023 1,0022 1,0025 1,0086 8 th o 7th c 2011 1,0006 2010 1,0015 2009 1,0029 2008 1,0015 2007 1,0013 1,0011 1,0017 1,0016 1,0011 1,0035 1,0026 1,0014 1,0016 1,0011 1,0016 1,0011 1,0035 1,0026 1,0018 1,001							2017-2018	Policy	2016-2017							
Shi to 4th   c   2015   0.9999   2014   1.0042   2013   0.9976   2012   1.0050   2011   1.0040   1.0021   1.0021   1.0021   1.0021   1.0021   1.0026   Shi to 5th   c   2014   1.0012   2013   0.9976   2012   1.0034   2011   1.0078   2010   1.0020   0.9995   1.0008   1.0025   1.0026   1.0017   1.0035   1.0026   1.0018   3.0017   1.0026   1.0018   3.001	in Ratio	<u>Year</u>	Ratio	<u>Year</u>	Ratio	<u>Year</u>	2017-2018 <u>Ratio</u>	Policy <u>Year</u>	2016-2017 <u>Ratio</u>	<u>Year</u>	Ratio	<u>Average</u>	<u>Average</u>	<u>Average</u>	<u>Average</u>	<u>Average</u>
Shi to 5th   c   2014   1.0012   2013   0.9978   2012   1.0034   2011   1.0078   2010   1.0005   1.0005   1.0005   1.0021   0.9995   1.0081   8hi to 7th   c   2012   1.0026   2011   1.0024   2010   1.0000   2009   1.0043   2008   0.9999   1.0025   1.0023   1.0022   1.0026   1.0086   8hi to 7th   c   2012   1.0026   2011   1.0024   2010   1.0020   2009   1.0043   2008   0.9999   1.0025   1.0023   1.0022   1.0025   1.0086   8hi to 7th   c   2012   1.0026   2011   1.0024   2010   1.0029   2008   1.0015   2007   1.0013   1.0011   1.0017   1.0016   1.0011   1.0035   1.0016   1.0011   1.0009   2009   1.0017   2008   0.9995   2007   1.0033   2006   1.0025   1.0013   1.0007   1.0016   1.0011   1.0035   1.0016	in Ratio  2nd to 1st c  3rd to 2nd c	<u>Year</u> 2018 2017	Ratio 1.3174 1.0704	<u>Year</u> 2017 2016	Ratio 1.3449 1.0832	<u>Year</u> 2016 2015	2017-2018 <u>Ratio</u> 1.3284 1.0791	Policy <u>Year</u> 2015 2014	2016-2017 <u>Ratio</u> 1.3372 1.0864	<u>Year</u> 2014 2013	Ratio 1.3303 1.0948	Average 1.3312 1.0768	1.3302 1.0776	<u>Average</u> 1.3316 1.0828	1.3312 1.0768	<u>Average</u> 1.4694 1.1039
7th 6 6th         c         2013         1,0008         2012         1,0043         2011         1,0000         2010         1,0068         2009         1,0026         1,0017         1,0026         1,0026         1,0086         8         1,0026         1,0017         1,0026         1,0025         1,0008         999         1,0023         1,0017         1,0016         1,0011         1,0017         1,0016         1,0011         1,0015         2,002         1,0029         2,008         1,0015         2,009         1,0029         2,008         1,0015         2,009         1,0033         2,006         1,0013         1,0017         1,0016         1,0011         1,0017         1,0016         1,0011         1,0017         1,0016         1,0011         1,0017         1,0016         1,0011         1,0016         1,0017         1,0033         1,0016         1,0017         1,0018         1,0013         1,0007         1,0018         1,0013         1,0007         1,0018         1,0013         1,0007         1,0013         1,0007         1,0018         1,0013         1,0007         1,0013         1,0016         1,0018         1,0013         1,0013         1,0016         1,0013         1,0013         1,0013         1,0014         1,0013         1,0014 <td>in Ratio  2nd to 1st c  3rd to 2nd c  4th to 3rd c</td> <td><u>Year</u> 2018 2017 2016</td> <td>Ratio 1.3174 1.0704 1.0091</td> <td><u>Year</u> 2017 2016 2015</td> <td>Ratio 1.3449 1.0832 1.0205</td> <td><u>Year</u> 2016 2015 2014</td> <td>2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170</td> <td>Policy <u>Year</u> 2015 2014 2013</td> <td>2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105</td> <td><u>Year</u> 2014 2013 2012</td> <td>Ratio 1.3303 1.0948 1.0319</td> <td>1.3312 1.0768 1.0148</td> <td>1.3302 1.0776 1.0155</td> <td>1.3316 1.0828 1.0178</td> <td>1.3312 1.0768 1.0148</td> <td>Average 1.4694 1.1039 1.0251</td>	in Ratio  2nd to 1st c  3rd to 2nd c  4th to 3rd c	<u>Year</u> 2018 2017 2016	Ratio 1.3174 1.0704 1.0091	<u>Year</u> 2017 2016 2015	Ratio 1.3449 1.0832 1.0205	<u>Year</u> 2016 2015 2014	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170	Policy <u>Year</u> 2015 2014 2013	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105	<u>Year</u> 2014 2013 2012	Ratio 1.3303 1.0948 1.0319	1.3312 1.0768 1.0148	1.3302 1.0776 1.0155	1.3316 1.0828 1.0178	1.3312 1.0768 1.0148	Average 1.4694 1.1039 1.0251
Set to 7th   C   2012   1.0026   2011   1.0024   2010   1.0020   2009   1.0043   2008   0.9999   1.0025   1.0023   1.0023   1.0025   1.0061	in Ratio  2nd to 1st c  3rd to 2nd c  4th to 3rd c  5th to 4th c	Year 2018 2017 2016 2015	Ratio 1.3174 1.0704 1.0091 0.9999	<u>Year</u> 2017 2016 2015 2014	Ratio 1.3449 1.0832 1.0205 1.0042	Year 2016 2015 2014 2013	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976	Policy <u>Year</u> 2015 2014 2013 2012	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050	Year 2014 2013 2012 2011	Ratio 1.3303 1.0948 1.0319 1.0040	1.3312 1.0768 1.0148 1.0021	1.3302 1.0776 1.0155 1.0006	1.3316 1.0828 1.0178 1.0021	1.3312 1.0768 1.0148 1.0021	Average 1.4694 1.1039 1.0251 1.0102
9th to 8th c 2011	in Ratio  2nd to 1st	Year 2018 2017 2016 2015 2014	Ratio 1.3174 1.0704 1.0091 0.9999 1.0012	Year 2017 2016 2015 2014 2013	1.3449 1.0832 1.0205 1.0042 0.9978	Year 2016 2015 2014 2013 2012	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034	Policy <u>Year</u> 2015 2014 2013 2012 2011	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078	Year 2014 2013 2012 2011 2010	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002	1.3312 1.0768 1.0148 1.0021 0.9995	1.3302 1.0776 1.0155 1.0006 1.0008	1.3316 1.0828 1.0178 1.0021 1.0021	1.3312 1.0768 1.0148 1.0021 0.9995	1.4694 1.1039 1.0251 1.0102 1.0081
10th to 9th	in Ratio  2nd to 1st	Year 2018 2017 2016 2015 2014 2013	Ratio 1.3174 1.0704 1.0091 0.9999 1.0012 1.0008	Year 2017 2016 2015 2014 2013 2012	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043	Year 2016 2015 2014 2013 2012 2011	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034 1.0000	Policy Year 2015 2014 2013 2012 2011 2010	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068	Year 2014 2013 2012 2011 2010 2009	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026	Average 1.4694 1.1039 1.0251 1.0102 1.0081 1.0086
11th to 10th c 2008	in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c	Year  2018 2017 2016 2015 2014 2013 2012	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026	Year 2017 2016 2015 2014 2013 2012 2011	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024	Year 2016 2015 2014 2013 2012 2011 2010	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020	Policy Year 2015 2014 2013 2012 2011 2010 2009	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043	Year 2014 2013 2012 2011 2010 2009 2008	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025	Average  1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022	Average 1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025	Average  1.4694 1.1039 1.0251 1.0102 1.0081 1.0086 1.0061
12th to 11th   c   2008   1.0006   2007   0.9997   2006   1.0025   2005   1.0011   2004   1.0014   1.0002   1.0019   1.0011   1.0002   1.0016	in Ratio  2nd to 1st	Year  2018 2017 2016 2015 2014 2013 2012 2011	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026 1.0006	Year 2017 2016 2015 2014 2013 2012 2011 2010	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015	Year 2016 2015 2014 2013 2012 2011 2010 2009	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020 1.0029	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015	Year 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011	Average  1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016	Average 1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011	Average 1.4694 1.1039 1.0251 1.0102 1.0081 1.0086 1.0061 1.0035
14th to 13th c       2006       1.0011       2005       0.9989       2004       1.0005       2003       1.0016       2202       1.0016       1.0000       1.0002       1.0000       1.0000       1.0001         15th to 14th c       2005       1.0003       2004       1.0000       2003       0.9992       2002       1.0014       2001       1.0013       1.0002       1.0001       1.0001         16th to 15th c       2004       0.9988       2003       0.9977       2002       1.0011       2000       0.9999       0.9983       0.9995       0.9985       0.9983       1.0001         17th to 16th c       2003       0.9985       2002       0.9994       2001       1.0009       2000       1.0012       1999       1.0005       0.9990       0.9996       1.0001       0.9990       1.0017         18th to 17th c       2002       0.9998       2001       1.0000       2000       1.0006       1998       1.0003       0.9999       0.9999       1.0011       0.9999       1.0011       0.9999       1.0011       0.9999       1.0011       1.0021       1.0011       1.0011       1.0022       1.0011       1.0021       1.0011       1.0001       1.0011       1.0023       1.0011 <td>in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 7th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c</td> <td>Year  2018 2017 2016 2015 2014 2013 2012 2011 2010</td> <td>Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026 1.0006 1.0009</td> <td>Year  2017 2016 2015 2014 2013 2012 2011 2010 2009</td> <td>Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017</td> <td>Year  2016 2015 2014 2013 2012 2011 2010 2009 2008</td> <td>2017-2018 <u>Ratio</u>  1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020 1.0029 0.9995</td> <td>Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007</td> <td>2016-2017 <u>Ratio</u>  1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015 1.0033</td> <td>Year  2014 2013 2012 2011 2010 2009 2008 2007 2006</td> <td>Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025</td> <td>1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013</td> <td>1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0007</td> <td>1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016</td> <td>1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013</td> <td>Average 1.4694 1.1039 1.0251 1.0081 1.0086 1.0061 1.0035 1.0025</td>	in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 7th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026 1.0006 1.0009	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020 1.0029 0.9995	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015 1.0033	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0007	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013	Average 1.4694 1.1039 1.0251 1.0081 1.0086 1.0061 1.0035 1.0025
14th to 13th c       2006       1.0011       2005       0.9989       2004       1.0005       2003       1.0016       2202       1.0016       1.0000       1.0002       1.0000       1.0000       1.0001         15th to 14th c       2005       1.0003       2004       1.0000       2003       0.9992       2002       1.0014       2001       1.0013       1.0002       1.0001       1.0001         16th to 15th c       2004       0.9988       2003       0.9977       2002       1.0011       2000       0.9999       0.9983       0.9995       0.9985       0.9983       1.0001         17th to 16th c       2003       0.9985       2002       0.9994       2001       1.0009       2000       1.0012       1999       1.0005       0.9990       0.9996       1.0001       0.9990       1.0017         18th to 17th c       2002       0.9998       2001       1.0000       2000       1.0006       1998       1.0003       0.9999       0.9999       1.0011       0.9999       1.0011       0.9999       1.0011       0.9999       1.0011       1.0021       1.0011       1.0011       1.0022       1.0011       1.0021       1.0011       1.0001       1.0011       1.0023       1.0011 <td>in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c 11th to 10th c</td> <td>Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009</td> <td>Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026 1.0006 1.0009 1.0003</td> <td>Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008</td> <td>Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989</td> <td>Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007</td> <td>2017-2018 <u>Ratio</u>  1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020 1.0029 0.9995 1.0022</td> <td>Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006</td> <td>2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015 1.0033 1.0011</td> <td>Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005</td> <td>Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014</td> <td>Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996</td> <td>1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0007 1.0005</td> <td>Average 1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008</td> <td>1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996</td> <td>Average  1.4694 1.1039 1.0251 1.0102 1.0081 1.0086 1.0061 1.0035 1.0025 1.0012</td>	in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c 11th to 10th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026 1.0006 1.0009 1.0003	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020 1.0029 0.9995 1.0022	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015 1.0033 1.0011	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0007 1.0005	Average 1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008	1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996	Average  1.4694 1.1039 1.0251 1.0102 1.0081 1.0086 1.0061 1.0035 1.0025 1.0012
16th to 15th   c   2004   0.9988   2003   0.9977   2002   1.0011   2001   1.0001   2000   0.9999   0.9983   0.9992   0.9995   0.9983   1.0000     17th to 16th   c   2003   0.9985   2002   0.9994   2001   1.0000   2000   1.0012   1999   1.0005   0.9990   0.9996   1.0001   0.9990   1.0017     18th to 17th   c   2002   0.9998   2001   1.0000   2000   1.0000   1999   1.0006   1998   1.0003   0.9999   0.9999   1.0001   0.9999   1.0012     19th to 18th   c   2001   0.9998   2000   1.0003   1999   1.0009   1998   0.9999   1.0021   1.0001   1.0003   1.0006   1.0002     20th to 19th   c   2000   1.0002   1999   0.9993   1998   1.0007   1997   1.0004   1996   0.9999   0.9998   1.0001   1.0001   0.9998   1.0028     21st to 20th   c   1999   1.0007   1998   1.0010   1.997   1.0006   1996   0.9998   1995   0.9984   1.0001   1.0001   0.9998   1.0028     22nd to 21st   c   1998   1.0006   1997   1.0001   1.996   0.9996   1.995   1.0009   1994   1.0001   1.0000   1.0004   1.0008     23rd to 22nd   c   1997   1.0005   1996   0.9995   1995   1.0002   1994   0.9998   1993   1.0002   1.0000   1.0001   1.0000     24th to 23rd   c   1996   0.9988   1995   1.0003   1994   0.9999   1992   1.0011   0.9996   0.9997   1.0000     25th to 24th   c   1995   1.0002   1994   0.9990   1993   1.0000   1991   1.0006   1.0003   1.0010   1.0006     26th to 25th   c   1994   1.0004   1993   1.0002   1992   1.0023   1991   0.9995   1990   1.0006   1.0003   1.0001   1.0006     27th to 26th   c   1993   1.0002   1992   1.0031   1991   1.0006   1989   1.0003   1988   1.0004   1.0001   1.0003   1.0003   1.0003     30th to 28th   c   1990   1.0001   1989   0.9998   1988   0.9999   1987   1.0004   1986   1.0004   1.0000   0.9998   1.0000   1.0001   1.0003   1.00	2nd to 1st c 3rd to 2nd c 2nd to 1st c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 8th to 7th c 10th to 9th c 11th to 10th c 12th to 11th c 12th c 12th to 11th c 12th c 12th to 11th c 18th c 1	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0026 1.0006 1.0009 1.0003 1.0006	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007	1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989 0.9997	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	2017-2018 <u>Ratio</u> 1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0020 1.0029 0.9995 1.0022 1.0025	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	2016-2017 <u>Ratio</u> 1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015 1.0033 1.0011	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014 1.0014	Average 1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0007 1.0005 1.0009	Average 1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008 1.0011	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002	Average 1.4694 1.1039 1.0251 1.0102 1.0081 1.0086 1.0035 1.0025 1.0016
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22nd to 21st         c         1998         1.0006         1997         1.0011         1996         0.9996         1995         1.0009         1994         1.0017         1.0009         1.0004         1.0008           23rd to 22nd         c         1997         1.0005         1996         0.9995         1995         1.0002         1994         0.9998         1993         1.0002         1.0000         1.0001         1.0000           24th to 23rd         c         1996         0.9988         1995         1.0003         1994         0.9999         1992         1.0011         0.9996         0.9997         1.0000           25th to 24th         c         1995         1.0002         1994         0.9999         1992         1.0000         1991         1.0008         0.9996         0.9997         1.0000           26th to 25th         c         1994         1.0004         1993         1.0002         1992         1.0023         1991         0.9995         1990         1.0006         1.0003        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29th to 28th <b>c</b> 1991 0.9997 1990 0.9992 1989 1.0002 1988 0.9995 1987 0.9992 0.9995 0.9997 0.9996 30th to 29th <b>c</b> 1990 1.0001 1989 0.9998 1988 0.9994 1987 1.0004 1986 1.0004 1.0000 0.9998 1.0000	In Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 5th c 5th to 7th to 6th c 10th to 9th c 10th to 19th c 11th to 10th c 13th to 12th c 14th to 13th c 15th to 14th c 15th to 14th c 15th to 14th c 15th to 15th c 17th to 16th c 18th to 17th c 19th to 18th c 17th to 18th c 17th c 19th to 18th c 20th to 19th c 21st to 20th c 22nd to 22nd c 25th to 24th c 25th to 24th c 25th to 25th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0006 1.0009 1.0001 1.0011 1.0001 1.0011 1.0003 0.9988 0.9988 0.9998 1.0002 1.0007 1.0006 1.0005 0.9988 1.0002 1.0005 0.9988 1.0002 1.0004	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989 1.0007 0.9989 1.0000 0.9977 0.9994 1.0000 1.0003 0.9993 1.0010 1.0011 0.9995 1.0003 0.9999 1.0001 1.0001	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	2017-2018 Ratio  1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0029 0.9995 1.0022 1.0025 1.0025 1.0020 1.0000 1.0000 1.0000 1.0000 1.00000	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	2016-2017 Ratio  1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0011 1.0011 1.0011 1.0001 1.0014 1.0001 1.0012 1.0006 0.9999 1.0004 0.9998 0.9999 1.00000 0.9995	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014 1.0007 1.0016 1.0013 0.9999 1.0005 1.0003 1.0021 0.9999 0.9884 1.0017 1.0002 1.0011 1.0002 1.00011 1.0008	Average  1.3312 1.0768 1.0148 1.0021 1.0025 1.0025 1.0025 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 1.0013 1.0000 1.0002 1.0001 0.9983 1.0009 1.0000 1.0000 1.0000 0.9996 1.0000 0.9996 0.9996 1.0000	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0007 1.0005 1.0009 1.0015 1.0009 1.0015 1.0002 0.9998 0.9992 0.9996 0.9999 1.0003 1.0001 1.0008 1.0004 1.0001 0.9997 1.0010	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0000 1.0000 1.0000 1.0000	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 0.9998 0.9999 1.0001 0.9998	Average  1.4694 1.1039 1.0251 1.00081 1.0086 1.0061 1.0035 1.0025 1.0012 1.0014 1.0001 1.0000 1.0017 1.0028 1.0028
30th to 29th c 1990 1.0001 1989 0.9998 1988 0.9994 1987 1.0004 1986 1.0004 1.0000 0.9998 1.0000	in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 5th c 6th to 5th c 10th to 9th c 10th to 19th c 11th to 10th c 12th to 11th c 12th c 14th to 13th c 15th to 14th c 15th c 15	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0006 1.0006 1.0001 1.0001 1.0003 0.9988 0.9998 0.9998 0.9998 1.0002 1.0007 1.0006 1.0007 1.0006 1.0005 0.9988 1.0002 1.0004 1.0004	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0015 1.0017 0.9989 0.9997 1.0007 0.9989 1.0000 1.0000 1.0003 0.9993 1.0010 1.0011 0.9995 1.0003 0.9990 1.0003 0.9990 1.0003 0.9990 1.0003	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	2017-2018 Ratio  1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0029 0.9995 1.0022 1.0025 1.0025 1.0005 0.9992 1.0011 1.0009 1.0000 1.0009 1.0007 1.0006 0.9996 1.0002 0.9999 1.00002 1.00002 0.9999 1.00002 1.00003 1.00004	Policy Year  2015 2014 2013 2012 2011 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	2016-2017 Ratio  1.3372 1.0864 1.0105 1.0050 1.0078 1.0043 1.0015 1.0033 1.0011 1.0011 1.0010 1.0016 1.0014 1.0001 1.0012 1.0006 0.9999 1.0004 0.9998 0.9999 1.0000 0.9995 1.0003	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014 1.0007 1.0016 1.0013 0.9999 1.0003 1.0021 0.9999 1.0003 1.0021 0.9999 1.0011 1.0008 1.0008 1.0008	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0025 1.0011 1.0013 0.9996 1.0002 1.0002 1.0001 1.0000 1.0000 1.0000 0.9999 1.0001 0.9999 1.0000 1.0009 0.9999 1.0000 0.9996 0.9996 0.9996 0.9996 1.0003	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0005 1.0009 1.0015 1.0002 0.9998 0.9999 1.0003 1.0001 1.0008 1.0004 1.0004 1.0004 1.0004 1.0001 1.0009 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008 1.0011 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0000 1.0000 1.0000 1.0000 1.0000	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 0.9998 0.9999 1.0001 0.9998	Average  1.4694 1.1039 1.0251 1.00081 1.0086 1.0061 1.0035 1.0025 1.0012 1.0014 1.0001 1.0000 1.0017 1.0028 1.0028
	in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 6th c 5th c 6th to 5th c 7th to 6th c 8th to 7th c 10th to 9th c 11th to 10th c 12th to 11th c 13th to 12th c 15th to 14th c 15th to 14th c 16th to 15th c 17th to 16th c 15th to 17th c 19th to 18th c 12th to 17th c 19th to 18th c 17th to 16th c 17th c 19th to 18th c 12th to 17th c 19th to 18th c 17th to 18th c 18th to 17th c 18th to 18th 18	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0006 1.0006 1.0009 1.0011 1.0001 1.0001 1.0003 0.9988 0.9998 0.9998 1.0002 1.0006 1.0006 1.0006 1.0006 1.0006 1.0007	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989 1.0000 0.9977 0.9989 1.0000 1.0003 0.9993 1.0011 0.9995 1.0003 0.9990 1.0003 0.9990 1.0003	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	2017-2018 Ratio  1.3284 1.0791 1.0170 0.9976 1.0034 1.00020 1.0029 1.0025 1.0025 1.0025 1.0020 1.0005 0.9992 1.0011 1.0009 1.0000 1.0009 1.0000 1.0000 0.9996 1.0002 0.9999 1.0000 1.0002 0.9999 1.0000 1.0002 0.9999 1.0000 1.0003 1.0003 1.0004 1.0006	Policy Year  2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	2016-2017 Ratio  1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0015 1.0033 1.0011 1.0011 1.0011 1.0012 1.0006 0.9999 1.0004 0.9998 1.0009 0.9998 1.0000 0.9999 1.0000 0.9995 1.0000 0.9995 1.0000	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1998 1997 1996 1995 1994 1993 1992 1991 1990 1988	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014 1.0007 1.0016 1.0013 0.9999 1.0005 1.0003 1.0021 0.9999 1.0017 1.0002 1.0017 1.0002 1.0011 1.0008 1.0006 1.0006 1.0006	Average  1.3312 1.0768 1.0148 1.0021 1.0025 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0005 1.0009 1.0015 1.0002 0.9998 0.9992 0.9996 0.9999 1.0003 1.0004 1.0004 1.0004 1.0004 1.0004 1.0001 1.0009	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008 1.0011 1.0012 1.0007 1.0004 0.9995 1.0001 1.0006 1.0001 1.0008 1.0001 1.0008 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 0.9998 0.9999 1.0001 0.9998	Average  1.4694 1.1039 1.0251 1.00081 1.0086 1.0061 1.0035 1.0025 1.0012 1.0014 1.0001 1.0000 1.0017 1.0028 1.0028
Beyond 30th C 1909 & Prior 1.0010 1906 & Prior 1.0018 1987 & Prior 0.9995 1986 & Prior 1.0012 1985 & Prior 1.0004 1.0017 1.0010 1.0009	In Ratio  2nd to 1st c 3rd to 2nd c 5th to 4th c 5th c 6th to 5th c 6th to 7th to 6th c 10th to 9th c 11th to 10th c 13th to 12th c 13th to 12th c 15th to 14th c 15th to 14th c 15th to 17th c 15th to 18th c 17th c 15th to 21th c 25th to 21th c 25th to 25th c 25th to 25th c 25th to 25th c 28th to 25th c 28th to 28th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0009 1.0003 1.0006 1.0019 1.0011 1.0001 1.0001 1.0007 1.0005 0.9988 1.0002 1.0004 1.0002 1.0004 1.0002 1.0007 0.9997	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989 1.0007 0.9989 1.0000 0.9977 0.9994 1.0003 0.9993 1.0010 1.0011 0.9995 1.0003 0.9990 1.0002 1.0003 0.9990 1.0003	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	2017-2018 Ratio  1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0029 0.9995 1.0022 1.0025 1.0025 1.0020 1.0009 1.0000	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1988	2016-2017 Ratio  1.3372 1.0864 1.0105 1.0050 1.0078 1.0068 1.0043 1.0011 1.0011 1.0011 1.0001 1.0016 1.0014 1.0001 1.0016 0.9999 1.0004 0.9998 0.9998 0.9999 1.0000 0.9995 1.0003 0.9995	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014 1.0007 1.0016 1.0013 0.9999 1.0005 1.0005 1.0002 1.0017 1.0002 1.0011 1.0002 1.0001 1.0008 1.0006 1.0005 1.0006 1.0005 1.0004 0.9992	Average  1.3312 1.0768 1.0148 1.0021 1.0025 1.0026 1.0005 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 1.0013 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0023 1.0017 1.0005 1.0009 1.0015 1.0009 1.0015 1.0002 0.9998 0.9992 0.9996 0.9999 1.0003 1.0001 1.0008 1.0004 1.0001 0.9997 1.0010 1.0012 1.0003 0.9997	1.3316 1.0828 1.0178 1.0021 1.0021 1.0035 1.0022 1.0016 1.0016 1.0008 1.0011 1.0012 1.0004 0.9995 1.0001 1.0001 1.0006 1.0001 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 0.9998 0.9999 1.0001 0.9998	Average  1.4694 1.1039 1.0251 1.00081 1.0086 1.0061 1.0035 1.0025 1.0012 1.0014 1.0001 1.0000 1.0017 1.0028 1.0028
	In Ratio   2nd to 1st   Carlot o 2nd   Carlot o 2nd   Carlot o 4th to 3rd   Carlot o 5th to 4th carlot o 2nd	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.3174 1.0704 1.0091 0.9999 1.0012 1.0008 1.0006 1.0006 1.0001 1.0001 1.0003 0.9988 0.9998 0.9998 0.9998 1.0002 1.0007 1.0006 1.0007 1.0006 1.0002 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0006 1.0007 1.0007 1.0006 1.0007 1.0007 1.0006	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	Ratio  1.3449 1.0832 1.0205 1.0042 0.9978 1.0043 1.0024 1.0015 1.0017 0.9989 0.9997 1.0000 0.9977 0.9989 1.0000 1.0003 0.9993 1.0010 1.0011 0.9995 1.0003 0.9990 1.0002 1.0031 0.9990 1.0002 1.0031 0.9998	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988	2017-2018 Ratio  1.3284 1.0791 1.0170 0.9976 1.0034 1.0000 1.0029 0.9995 1.0022 1.0025 1.0002 1.0005 0.9992 1.0011 1.0000 1.0009 1.0000 1.0009 1.0000 1.0009 1.0000	Policy Year  2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987	2016-2017 Ratio  1.3372 1.0864 1.0105 1.0050 1.0078 1.0043 1.0015 1.0033 1.0011 1.0011 1.0010 1.0016 1.0014 1.0001 1.0012 1.0006 0.9999 1.0004 0.9998 0.9999 1.0000 0.9995 1.0003 1.0003 1.0003 1.0003	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1988 1987	Ratio  1.3303 1.0948 1.0319 1.0040 1.0002 1.0058 0.9999 1.0013 1.0025 1.0014 1.0007 1.0016 1.0013 0.9999 1.0003 1.0021 0.9999 1.00011 1.0008 1.0002 1.0011 1.0008 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0005 1.0006 1.0005 1.0006 1.0005 1.0006 1.0005 1.0004	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0025 1.0011 1.0013 0.9996 1.0002 1.0002 1.0001 1.0000 1.0000 1.0000 0.9999 1.0001 0.9998 1.0009 1.0009 1.0009 1.0009 1.0009 1.0000 1.0000 1.0000	1.3302 1.0776 1.0155 1.0006 1.0008 1.0017 1.0002 1.0017 1.0005 1.0009 1.0015 1.0002 0.9998 0.9999 1.0003 1.0001 1.0008 1.0004 1.0004 1.0004 1.0001 1.0008 1.0004 1.0001 1.0001 1.0001 1.0001 0.9997 0.9997 1.0010 1.0012 1.0003 0.9997	1.3316 1.0828 1.0178 1.0021 1.0021 1.0025 1.0016 1.0016 1.0001 1.0007 1.0004 0.9995 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0001 1.0000	Average  1.3312 1.0768 1.0148 1.0021 0.9995 1.0026 1.0025 1.0011 1.0013 0.9996 1.0002 1.0013 1.0000 1.0002 0.9998 0.9999 1.0001 0.9998	Average  1.4694 1.1039 1.0251 1.00081 1.0086 1.0061 1.0035 1.0025 1.0012 1.0014 1.0001 1.0000 1.0017 1.0028 1.0028

a b

From Table I - D - Adjusted
Selected Paid Tail Factor = Incurred Tail Factor \* Selected Paid Bridge Factor (1.0031 \* 1.0091 = 1.0122)
From Table I - B - Adjusted
Derived separately. See Exhibit 7 of the April 1, 2022 Filing.

#### REPORTED DEVELOPMENT FACTORS

#### MEDICAL LOSSES PAID METHOD

						PAID WETH	OD						
Reports in Ratio	Policy <u>Year</u>	2019-2020 Year	Policy <u>Year</u>	2018-2019 <u>Ratio</u>	Policy <u>Year</u>	2017-2018 <u>Ratio</u>	Policy <u>Year</u>	2016-2017 <u>Ratio</u>	Policy <u>Year</u>	2015-2016 <u>Ratio</u>	2 Year Average	3 Year Average	5 Year <u>Average</u>
2nd to 1st a	2018	1.2008	2017	1.2351	2016	1.2446	2015	1.2487	2014	1.2601	1.2180	1.2268	1.2379
3rd to 2nd a		1.0595	2016	1.0605	2015	1.0600	2014	1.0626	2013	1.0770	1.0600	1.0600	1.0639
4th to 3rd a	2016	1.0254	2015	1.0204	2014	1.0181	2013	1.0298	2012	1.0369	1.0229	1.0213	1.0261
5th to 4th a	2015	1.0083	2014	1.0117	2013	1.0089	2012	1.0156	2011	1.0176	1.0100	1.0096	1.0124
6th to 5th a	2014	1.0068	2013	1.0091	2012	1.0118	2011	1.0146	2010	1.0156	1.0079	1.0092	1.0116
7th to 6th a	2013	1.0098	2012	1.0113	2011	1.0077	2010	1.0141	2009	1.0134	1.0106	1.0096	1.0113
8th to 7th a	2012	1.0098	2011	1.0081	2010	1.0113	2009	1.0116	2008	1.0114	1.0090	1.0098	1.0104
9th to 8th a	2011	1.0086	2010	1.0094	2009	1.0065	2008	1.0099	2007	1.0144	1.0090	1.0082	1.0097
10th to 9th a		1.0071	2009	1.0048	2008	1.0089	2007	1.0117	2006	1.0151	1.0060	1.0070	1.0095
11th to 10th a		1.0054	2008	1.0076	2007	1.0095	2006	1.0098	2005	1.0100	1.0065	1.0075	1.0084
12th to 11th a		1.0052	2007	1.0080	2006	1.0139	2005	1.0105	2004	1.0097	1.0066	1.0090	1.0095
13th to 12th a		1.0087	2006	1.0085	2005	1.0129	2004	1.0078	2003	1.0108	1.0086	1.0100	1.0097
14th to 13th a		1.0069	2005	1.0077	2004	1.0095	2003	1.0082	2002	1.0149	1.0073	1.0080	1.0094
15th to 14th a		1.0060	2004	1.0085	2003	1.0091	2002	1.0108	2001	1.0090	1.0073	1.0079	1.0087
16th to 15th a		1.0068	2003	1.0079	2002	1.0128	2001	1.0056	2000	1.0079	1.0073	1.0092	1.0082
17th to 16th a 18th to 17th a		1.0083	2002	1.0116	2001	1.0076	2000	1.0081	1999	1.0077	1.0100	1.0092	1.0087
18th to 17th a 19th to 18th a		1.0081	2001 2000	1.0065 1.0075	2000 1999	1.0088	1999 1998	1.0065 1.0077	1998	1.0086	1.0073	1.0078	1.0077
20th to 19th a		1.0039 1.0046	1999	1.0075	1999	1.0090	1996	1.0077	1997 1996	1.0106 1.0106	1.0057 1.0066	1.0068 1.0069	1.0078 1.0080
21st to 20th a		1.0046	1999	1.0066	1996	1.0075 1.0114	1997	1.0090	1995	1.0060	1.0058	1.0069	1.0076
22nd to 21st a		1.0063	1997	1.0070	1997	1.0114	1995	1.0090	1993	1.0109	1.0056	1.0077	1.0076
23rd to 22nd a		1.0056	1996	1.0070	1995	1.0030	1994	1.0106	1993	1.0069	1.0063	1.0068	1.0007
24th to 23rd a		1.0057	1995	1.0063	1994	1.0070	1993	1.0080	1992	1.0003	1.0060	1.0069	1.0077
25th to 24th <b>a</b>		1.0037	1994	1.0069	1993	1.0075	1992	1.0070	1991	1.0048	1.0053	1.0060	1.0060
26th to 25th a		1.0068	1993	1.0051	1992	1.0058	1991	1.0051	1990	1.0061	1.0059	1.0059	1.0058
27th to 26th <b>a</b>		1.0048	1992	1.0070	1991	1.0047	1990	1.0049	1989	1.0078	1.0059	1.0055	1.0059
28th to 27th a		1.0052	1991	1.0040	1990	1.0049	1989	1.0069	1988	1.0044	1.0046	1.0047	1.0051
29th to 28th a		1.0034	1990	1.0044	1989	1.0069	1988	1.0037	1987	1.0061	1.0039	1.0049	1.0049
30th to 29th a		1.0037	1989	1.0047	1988	1.0041	1987	1.0068	1986	1.0061	1.0042	1.0042	1.0051
					IN	CURRED ME	THOD						
Reports	Policy	2019-2020	Policy	2018-2019	Policy	2017-2018	Policy	2016-2017	Policy	2015-2016	2 Year	3 Year	5 Year
Reports <u>in Ratio</u>	Policy <u>Year</u>	2019-2020 <u>Ratio</u>	Policy <u>Year</u>	2018-2019 <u>Ratio</u>				2016-2017 <u>Ratio</u>	Policy <u>Year</u>	2015-2016 <u>Ratio</u>	2 Year <u>Average</u>	3 Year <u>Average</u>	5 Year <u>Average</u>
in Ratio	<u>Year</u>	Ratio	<u>Year</u>	Ratio	Policy <u>Year</u>	2017-2018 <u>Ratio</u>	Policy <u>Year</u>	Ratio	<u>Year</u>	Ratio	<u>Average</u>	<u>Average</u>	<u>Average</u>
in Ratio  2nd to 1st b	<u>Year</u> 2018	<u>Ratio</u> 1.0195	<u>Year</u> 2017	<u>Ratio</u> 1.0451	Policy <u>Year</u> 2016	2017-2018 <u>Ratio</u> 1.0466	Policy <u>Year</u> 2015	<u>Ratio</u> 1.0467	<u>Year</u> 2014	<u>Ratio</u> 1.0703	<u>Average</u> 1.0323	<u>Average</u> 1.0371	<u>Average</u> 1.0456
in Ratio  2nd to 1st b  3rd to 2nd b	<u>Year</u> 2018 2017	<u>Ratio</u> 1.0195 1.0151	<u>Year</u> 2017 2016	Ratio 1.0451 1.0136	Policy <u>Year</u> 2016 2015	2017-2018 <u>Ratio</u> 1.0466 0.9999	Policy <u>Year</u> 2015 2014	Ratio 1.0467 1.0198	<u>Year</u> 2014 2013	Ratio 1.0703 1.0193	1.0323 1.0143	<u>Average</u> 1.0371 1.0095	1.0456 1.0135
in Ratio  2nd to 1st b  3rd to 2nd b  4th to 3rd b	Year 2018 2017 2016	Ratio 1.0195 1.0151 1.0015	<u>Year</u> 2017 2016 2015	Ratio 1.0451 1.0136 1.0018	Policy <u>Year</u> 2016 2015 2014	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018	Policy <u>Year</u> 2015 2014 2013	Ratio 1.0467 1.0198 0.9969	<u>Year</u> 2014 2013 2012	Ratio 1.0703 1.0193 1.0043	1.0323 1.0143 1.0016	1.0371 1.0095 1.0017	1.0456 1.0135 1.0013
in Ratio  2nd to 1st	Year  2018 2017 2016 2015	Ratio 1.0195 1.0151 1.0015 0.9919	Year 2017 2016 2015 2014	Ratio 1.0451 1.0136 1.0018 0.9945	Policy <u>Year</u> 2016 2015 2014 2013	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866	Policy <u>Year</u> 2015 2014 2013 2012	Ratio 1.0467 1.0198 0.9969 1.0304	Year 2014 2013 2012 2011	Ratio 1.0703 1.0193 1.0043 1.0084	1.0323 1.0143 1.0016 0.9932	1.0371 1.0095 1.0017 0.9910	1.0456 1.0135 1.0013 1.0024
in Ratio  2nd to 1st	Year  2018 2017 2016 2015 2014	Ratio 1.0195 1.0151 1.0015	<u>Year</u> 2017 2016 2015	Ratio 1.0451 1.0136 1.0018 0.9945 0.9946	Policy <u>Year</u> 2016 2015 2014	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003	Policy <u>Year</u> 2015 2014 2013	Ratio 1.0467 1.0198 0.9969 1.0304 1.0081	<u>Year</u> 2014 2013 2012	Ratio 1.0703 1.0193 1.0043 1.0084 0.9983	1.0323 1.0143 1.0016 0.9932 0.9973	1.0371 1.0095 1.0017 0.9910 0.9983	1.0456 1.0135 1.0013 1.0024 1.0003
in Ratio  2nd to 1st	Year  2018 2017 2016 2015 2014 2013	Ratio 1.0195 1.0151 1.0015 0.9919 1.0001 1.0012	Year 2017 2016 2015 2014 2013 2012	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137	Policy Year 2016 2015 2014 2013 2012 2011	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007	Policy Year 2015 2014 2013 2012 2011 2010	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079	Year 2014 2013 2012 2011 2010 2009	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161	1.0323 1.0143 1.0016 0.9932 0.9973 1.0075	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079
in Ratio  2nd to 1st	Year  2018 2017 2016 2015 2014 2013 2012	Ratio 1.0195 1.0151 1.0015 0.9919 1.0001	Year 2017 2016 2015 2014 2013	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041	Policy <u>Year</u> 2016 2015 2014 2013 2012	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003	Policy <u>Year</u> 2015 2014 2013 2012 2011	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969	Year 2014 2013 2012 2011 2010 2009 2008	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989	1.0323 1.0143 1.0016 0.9932 0.9973 1.0075 1.0018	1.0371 1.0095 1.0017 0.9910 0.9983	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016
in Ratio  2nd to 1st	Year  2018 2017 2016 2015 2014 2013 2012 2011	Ratio 1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996	Year 2017 2016 2015 2014 2013 2012 2011	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137	Policy <u>Year</u> 2016 2015 2014 2013 2012 2011 2010	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088	Policy Year 2015 2014 2013 2012 2011 2010 2009	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079	Year 2014 2013 2012 2011 2010 2009	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161	1.0323 1.0143 1.0016 0.9932 0.9973 1.0075	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0041	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079
in Ratio  2nd to 1st b 3rd to 2nd b 4th to 3rd b 5th to 4th b 6th to 5th b 7th to 6th b 8th to 7th b 9th to 8th b	Year  2018 2017 2016 2016 2015 2014 2013 2012 2011 2010	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0063	Year 2017 2016 2015 2014 2013 2012 2011 2010	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041 1.0025	Policy Year  2016 2015 2014 2013 2012 2011 2010 2009	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088 0.9989	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969 0.9975	Year 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989 1.0062	1.0323 1.0143 1.0016 0.9932 0.9973 1.0075 1.0018 1.0044	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0041 1.0026	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016 1.0023
In Ratio  2nd to 1st b 3rd to 2nd b 4th to 3rd b 5th to 4th b 6th to 5th b 7th to 6th to 8th to 7th b 9th to 8th b 10th to 9th b b	Year  2018 2017 2016 2016 2015 2014 2013 2012 2011 2010 2009	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0063 1.0028	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041 1.0025 0.9996	Policy Year 2016 2015 2014 2013 2012 2011 2010 2009 2008	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088 0.9989 1.0035	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969 0.9975 1.0021	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006	Ratio 1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989 1.0062 1.0040	1.0323 1.0143 1.0016 0.9932 0.9973 1.0075 1.0018 1.0044 1.0012	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0041 1.0026 1.0020	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016 1.0023 1.0024
2nd to 1st b 3rd to 2nd b 4th to 3rd b 5th to 4th b 6th to 5th b 7th to 6th b 8th to 7th b 9th to 8th b 10th to 9th 11th to 10th 12th to 11th b 13th to 12th b	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0063 1.0028 0.9998 1.0028 1.0066	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041 1.0025 0.9996 1.0021 1.0008 1.0011	Policy Year 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088 0.9989 1.0035 1.0031 1.0076 1.0049	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969 0.9975 1.0021 1.0046 1.0073 1.0031	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989 1.0062 1.0040 1.0083 0.9994 1.0068	Average 1.0323 1.0143 1.0016 0.9932 0.9973 1.0075 1.0018 1.0044 1.0012 1.0010 1.0018 1.0038	Average 1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0041 1.0026 1.0020 1.0017 1.0037 1.0042	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016 1.0023 1.0024 1.0036 1.0036 1.0045
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In Ratio  2nd to 1st b 3rd to 2nd b 4th to 3rd b 5th to 4th b 6th to 5th b 10th to 9th 11th to 10th b 12th to 11th b 13th to 12th b 15th to 14th b 16th to 15th b 17th to 16th b 18th to 17th b 18th to 17th b 18th to 17th b 19th to 18th b 12th to 20th b 12th to 21st b 22rd to 21st b 22rd to 22rd b 24th to 23rd b 24th to 23rd b 24th to 23rd b 24th to 23rd b 24th to 25th b 27th to 26th b 27th to 26th b 27th to 26th b 27th to 27th b 28th to 27th b 28th to 27th b	Year  2018 2017 2016 2017 2016 2015 2014 2013 2013 2012 2011 2010 2009 2008 2008 2007 2006 2006 2006 2006 2007 2007 2009 2008 2008 2009 2009 2009 2009 2009	Ratio  1.0195 1.0195 1.0151 1.0015 1.0015 1.0001 1.0012 0.9996 1.0063 1.0028 1.0066 1.0075 1.0054 0.9974 1.0033 0.9979 0.9985 1.0056 0.9998 1.0088 1.0001 1.0013 1.0004 1.0013 1.0004	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041 1.0025 0.9996 1.0021 1.0008 1.0011 1.0004 0.9998 0.9973 1.0010 1.0025 1.0020 0.9984 0.9933 1.0007 1.0021 0.9989 1.0021 0.9989 1.0054	Policy Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	2017-2018 Ratio  1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088 0.9989 1.0035 1.0031 1.0076 1.0049 1.0102 1.0070 1.0195 1.0011 1.0043 1.0043 1.0043 1.0043 1.0048 1.0049 1.0019 1.0019 1.0019	Policy Year  2015 2014 2013 2012 2011 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969 0.9975 1.0021 1.0046 1.0073 1.0031 1.0045 1.0015 1.0023 0.9983 1.0142 0.9981 1.0004 1.0013 1.0023 1.0023 1.0023 1.0024 1.0016 1.0013 1.0016 1.0013 1.0011	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1988	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989 1.0062 1.0040 1.0083 0.9994 1.0068 1.0030 1.0017 1.0044 1.0053 0.9990 1.0044 1.0053 0.9998 1.0048 1.0048 1.0036 0.9988 1.0043 1.0051 1.0041	Average  1.0323 1.0143 1.0016 0.9932 0.9937 1.0075 1.0018 1.0044 1.0012 1.0010 1.0018 1.0038 1.0071 1.0029 0.9986 1.0003 1.0007 1.0008 1.0001 1.0004 1.0017 0.9997 1.0003	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0041 1.0026 1.0020 1.0017 1.0037 1.0042 1.0081 1.0056 1.0007 1.0040 1.0018 1.0000 1.0018 1.0000 1.0021 1.00029 1.0000 1.0004 1.00028 1.0003	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016 1.0023 1.0024 1.0036 1.0045 1.0064 1.0045 1.0015 1.0015 1.0011 1.0042 1.0030 1.0023 1.0012 1.0027 1.0030 0.9999 1.0014 1.0029
In Ratio  2nd to 1st b 3rd to 2nd b 4th to 3rd b 5th to 4th b 6th to 5th b 7th to 6th b 10th to 9th 11th to 10th 12th to 11th b 12th to 11th b 15th to 14th b 15th to 14th b 15th to 14th b 12th to 15th b 17th to 16th 18th to 17th b 19th to 18th b 20th to 19th 21st to 20th b 22nd to 21st b 22nd to 21st b 25th to 24th b 25th to 24th b 25th to 25th b 27th to 26th b 28th to 27th b 28th to 28th b 28th	Year  2018 2017 2016 2016 2015 2014 2013 2012 2011 2010 2010 2009 2008 2007 2006 2007 2006 2007 2008 2008 2007 2009 2009 2009 2009 2009 2009 2009	Ratio  1.0195 1.0151 1.0015 1.0015 1.0011 1.0012 0.9996 1.0063 1.0028 1.0028 1.0028 1.0066 1.0075 1.0054 0.9974 1.0033 0.9979 0.9985 1.0056 0.9998 1.0088 1.0001 1.0011 1.0004 1.0010 1.0006 1.0001	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041 1.0025 0.9996 1.0021 1.0008 1.0011 1.0067 1.0004 0.9998 0.9973 1.0010 1.0025 1.0020 1.0020 0.9984 0.9933 1.0007 1.0021 0.9989 1.0054 1.0019 1.0021	Policy Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	2017-2018 Ratio  1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088 0.9989 1.0035 1.0031 1.0076 1.0049 1.0102 1.0070 1.0195 1.0016 1.0079 1.0011 1.0043 1.0037 1.0028 1.0041 1.0078 0.9966 1.0019 1.0019 1.0019 1.0019 1.0019	Policy Year  2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969 0.9975 1.0021 1.0046 1.0073 1.0031 1.0045 1.0055 1.0015 1.0023 0.9983 1.0142 0.9981 1.0070 1.0013 1.0023 1.0029 1.0004 1.0016 1.0013 1.0016 1.0013	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989 1.0062 1.0040 1.0083 0.9994 1.0068 1.0030 1.0017 1.0044 1.0053 0.9990 1.0048 1.0056 1.0036 0.9998 1.0043 1.0036 1.0011 1.00011	Average  1.0323 1.0143 1.0016 0.9932 1.0075 1.0018 1.0004 1.0012 1.0010 1.0018 1.0038 1.0071 1.0028 1.0003 0.9986 1.0003 0.9986 1.0010 1.0004 1.0004 1.0010 1.0004 1.0004 1.0001	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0017 1.0026 1.0020 1.0017 1.0037 1.0042 1.0081 1.0056 1.0007 1.0022 1.0007 1.0040 1.0018 1.0029 1.0001	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016 1.0023 1.0024 1.0036 1.0045 1.0064 1.0045 1.0045 1.0015 1.0011 1.0042 1.0030 1.0023 1.0023 1.0023 1.0024 1.0030 1.0023 1.0023 1.0023 1.0023 1.0023 1.0023 1.0023 1.0023 1.0020
In Ratio  2nd to 1st b 3rd to 2nd b 4th to 3rd b 5th to 4th b 6th to 5th b 10th to 9th 11th to 10th b 12th to 11th b 13th to 12th b 15th to 14th b 16th to 15th b 17th to 16th b 18th to 17th b 18th to 17th b 18th to 17th b 19th to 18th b 12th to 20th b 12th to 21st b 22rd to 21st b 22rd to 22rd b 24th to 23rd b 24th to 23rd b 24th to 23rd b 24th to 23rd b 24th to 25th b 27th to 26th b 27th to 26th b 27th to 26th b 27th to 27th b 28th to 27th b 28th to 27th b	Year  2018 2017 2016 2017 2016 2015 2014 2013 2012 2011 2010 2009 2009 2008 2008 2007 2006 2006 2005 2001 2001 2001 2001 2001 2001 2001	Ratio  1.0195 1.0195 1.0151 1.0015 1.0015 1.0001 1.0012 0.9996 1.0063 1.0028 1.0066 1.0075 1.0054 0.9974 1.0033 0.9979 0.9985 1.0054 0.9998 1.0008 1.0001 1.0013	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0137 1.0041 1.0025 0.9996 1.0021 1.0004 0.9998 0.9973 1.0010 1.0025 1.0020 1.0020 1.0020 1.0020 1.0020 1.0020 1.0020 1.0020 1.0021 0.9984 1.0019 1.0021 0.9988	Policy Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	2017-2018 Ratio  1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0088 0.9989 1.0035 1.0031 1.0076 1.0049 1.0102 1.0070 1.0195 1.0011 1.0043 1.0043 1.0043 1.0043 1.0048 1.0049 1.0019 1.0019 1.0019	Policy Year  2015 2014 2013 2012 2011 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	Ratio  1.0467 1.0198 0.9969 1.0304 1.0081 1.0079 0.9969 0.9975 1.0021 1.0046 1.0073 1.0031 1.0045 1.0015 1.0023 0.9983 1.0142 0.9981 1.0004 1.0013 1.0023 1.0023 1.0023 1.0024 1.0016 1.0013 1.0016 1.0013 1.0011	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1988	Ratio  1.0703 1.0193 1.0043 1.0084 0.9983 1.0161 0.9989 1.0062 1.0040 1.0083 0.9994 1.0068 1.0030 1.0017 1.0044 1.0031 1.0053 0.9990 1.0044 1.0036 0.9988 1.0036 1.0036 1.0036 1.0036 1.0036 1.0036 1.0041 1.0036 1.0036 1.0036 1.0036 1.0036 1.0036 1.0036 1.0036 1.0036 1.0036	Average  1.0323 1.0143 1.0016 0.9932 0.9937 1.0075 1.0018 1.0044 1.0012 1.0010 1.0018 1.0038 1.0071 1.0029 0.9986 1.0003 1.0007 1.0008 1.0001 1.0004 1.0017 0.9997 1.0003	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0041 1.0026 1.0020 1.0017 1.0037 1.0042 1.0081 1.0056 1.0007 1.0040 1.0018 1.0000 1.0018 1.0000 1.0021 1.00029 1.0000 1.0004 1.00028 1.0003	1.0456 1.0135 1.0013 1.0024 1.0003 1.0079 1.0016 1.0023 1.0024 1.0036 1.0045 1.0064 1.0045 1.0015 1.0015 1.0011 1.0042 1.0030 1.0023 1.0012 1.0027 1.0030 0.9999 1.0014 1.0029

a From Table I - E - Reported b From Table I - C - Reported

#### POST-HB 1846 DEVELOPMENT FACTORS

## MEDICAL LOSSES PAID METHOD

Reports	Policy	2019-2020	Policy	2018-2019	Policy	2017-2018	Policy	2016-2017	Policy	2015-2016	2 Year	3 Year	5 Year	Selected	Cumulative
<u>in Ratio</u>	Year	Ratio	<u>Year</u>	Ratio	Year	Ratio	<u>Year</u>	Ratio	Year	Ratio	Average	Average	Average	Average	Average
2nd to 1st a	2018	1.2008	2017	1.2351	2016	1.2446	2015	1.2487	2014	1.2608	1.2180	1.2268	1.2380	1.2428	1.6620
3rd to 2nd a	2017	1.0595	2016	1.0605	2015	1.0600	2014	1.0628	2013	1.0776	1.0600	1.0600	1.0641	1.0600	1.3373
4th to 3rd a	2016	1.0254	2015	1.0204	2014	1.0181	2013	1.0300	2012	1.0372	1.0229	1.0213	1.0262	1.0229	1.2616
5th to 4th a	2015	1.0083	2014	1.0118	2013	1.0089	2012	1.0158	2011	1.0177	1.0101	1.0097	1.0125	1.0101	1.2334
6th to 5th a	2014	1.0068	2013	1.0091	2012	1.0119	2011	1.0147	2010	1.0157	1.0080	1.0093	1.0116	1.0080	1.2211
7th to 6th a	2013	1.0099	2012	1.0114	2011	1.0078	2010	1.0142	2009	1.0134	1.0107	1.0097	1.0113	1.0107	1.2115
8th to 7th a	2012	1.0099	2011	1.0082	2010	1.0114	2009	1.0116	2008	1.0110	1.0091	1.0098	1.0104	1.0091	1.1987
9th to 8th a	2011	1.0087	2010	1.0094	2009	1.0065	2008	1.0095	2007	1.0139	1.0091	1.0082	1.0096	1.0091	1.1880
10th to 9th a	2010	1.0072	2009	1.0048	2008	1.0086	2007	1.0113	2006	1.0146	1.0060	1.0069	1.0093	1.0060	1.1773
11th to 10th a	2009	1.0054	2008	1.0073	2007	1.0091	2006	1.0095	2005	1.0097	1.0064	1.0073	1.0082	1.0064	1.1703
12th to 11th a	2008	1.0050	2007	1.0077	2006	1.0134	2005	1.0102	2004	1.0095	1.0064	1.0087	1.0092	1.0064	1.1629
13th to 12th a 14th to 13th a	2007 2006	1.0084 1.0067	2006 2005	1.0082 1.0075	2005 2004	1.0125 1.0094	2004 2003	1.0077 1.0082	2003 2002	1.0107 1.0149	1.0083 1.0071	1.0097 1.0079	1.0095 1.0093	1.0083 1.0071	1.1556 1.1460
15th to 14th a	2005	1.0057	2003	1.0075	2004	1.0094	2003	1.0108	2002	1.0092	1.0071	1.0079	1.0093	1.0071	1.1380
16th to 15th a	2003	1.0059	2004	1.0064	2003	1.0090	2002	1.0057	2000	1.0092	1.0072	1.0076	1.0087	1.0072	1.1299
17th to 16th a	2004	1.0083	2003	1.0078	2002	1.0078	2000	1.0037	1999	1.0081	1.0100	1.0091	1.0082	1.0073	1.1218
18th to 17th a	2003	1.0082	2002	1.0066	2000	1.0076	1999	1.0068	1998	1.0092	1.0074	1.0093	1.0080	1.0074	1.1106
19th to 18th a	2002	1.0040	2000	1.0078	1999	1.0091	1998	1.0082	1997	1.0092	1.0074	1.0071	1.0080	1.0074	1.1025
20th to 19th a	2001	1.0040	1999	1.0078	1998	1.0080	1997	1.0093	1996	1.0117	1.0059	1.0071	1.0082	1.0059	1.0960
21st to 20th <b>a</b>	1999	1.0053	1998	1.0003	1997	1.0123	1996	1.0099	1995	1.0067	1.0062	1.0072	1.0082	1.0886	b 1.0886
22nd to 21st a	1998	1.0067	1997	1.0076	1996	1.0108	1995	1.0108	1994	1.0125	1.0002	1.0084	1.0002	1.0000	<b>b</b> 1.0000
23rd to 22nd <b>a</b>	1997	1.0060	1996	1.0078	1995	1.0087	1994	1.0121	1993	1.0080	1.0069	1.0075	1.0085		
24th to 23rd <b>a</b>	1996	1.0063	1995	1.0070	1994	1.0099	1993	1.0093	1992	1.0118	1.0067	1.0077	1.0089		
25th to 24th a	1995	1.0041	1994	1.0079	1993	1.0087	1992	1.0084	1991	1.0059	1.0060	1.0069	1.0070		
26th to 25th a	1994	1.0077	1993	1.0059	1992	1.0069	1991	1.0063	1990	1.0077	1.0068	1.0068	1.0069		
27th to 26th a	1993	1.0056	1992	1.0084	1991	1.0058	1990	1.0061	1989	1.0100	1.0070	1.0066	1.0072		
28th to 27th a	1992	1.0062	1991	1.0048	1990	1.0061	1989	1.0089	1988	1.0058	1.0055	1.0057	1.0064		
29th to 28th a	1991	1.0042	1990	1.0055	1989	1.0088	1988	1.0049	1987	1.0084	1.0049	1.0062	1.0064		
30th to 29th a	1990	1.0046	1989	1.0061	1988	1.0054	1987	1.0093	1986	1.0087	1.0054	1.0054	1.0068		
						11	NCURRED M	ETHOD							
							NCURRED M								
Reports	Policy	2019-2020	Policy	2018-2019	Policy	2017-2018	Policy	2016-2017	Policy	2015-2016	2 Year	3 Year	5 Year	Selected	Cumulative
Reports <u>in Ratio</u>	Policy <u>Year</u>	2019-2020 <u>Ratio</u>	Policy <u>Year</u>	2018-2019 <u>Ratio</u>	Policy <u>Year</u>				Policy <u>Year</u>	2015-2016 <u>Ratio</u>	2 Year <u>Average</u>	3 Year <u>Average</u>	5 Year <u>Average</u>	Selected Average	Cumulative <u>Average</u>
in Ratio	Year	Ratio	<u>Year</u>	Ratio	<u>Year</u>	2017-2018 <u>Ratio</u>	Policy <u>Year</u>	2016-2017 <u>Ratio</u>	Year	Ratio	<u>Average</u>	<u>Average</u>	<u>Average</u>	<u>Average</u>	<u>Average</u>
in Ratio  2nd to 1st c	<u>Year</u> 2018	<u>Ratio</u> 1.0195	<u>Year</u> 2017	<u>Ratio</u> 1.0451	<u>Year</u> 2016	2017-2018 <u>Ratio</u> 1.0466	Policy <u>Year</u> 2015	2016-2017 <u>Ratio</u> 1.0478	<u>Year</u> 2014	<u>Ratio</u> 1.0717	<u>Average</u> 1.0323	<u>Average</u> 1.0371	<u>Average</u> 1.0461	<u>Average</u> 1.0465	<u>Average</u> 1.1564
in Ratio  2nd to 1st c  3rd to 2nd c	<u>Year</u> 2018 2017	<u>Ratio</u> 1.0195 1.0151	<u>Year</u> 2017 2016	Ratio 1.0451 1.0136	<u>Year</u> 2016 2015	2017-2018 <u>Ratio</u> 1.0466 0.9999	Policy <u>Year</u> 2015 2014	2016-2017 <u>Ratio</u> 1.0478 1.0202	<u>Year</u> 2014 2013	Ratio 1.0717 1.0201	Average 1.0323 1.0144	<u>Average</u> 1.0371 1.0095	1.0461 1.0138	1.0465 1.0144	<u>Average</u> 1.1564 1.1050
in Ratio  2nd to 1st c  3rd to 2nd c  4th to 3rd c	<u>Year</u> 2018 2017 2016	Ratio 1.0195 1.0151 1.0015	<u>Year</u> 2017 2016 2015	Ratio 1.0451 1.0136 1.0018	<u>Year</u> 2016 2015 2014	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018	Policy <u>Year</u> 2015 2014 2013	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973	<u>Year</u> 2014 2013 2012	Ratio 1.0717 1.0201 1.0047	1.0323 1.0144 1.0017	1.0371 1.0095 1.0017	1.0461 1.0138 1.0014	1.0465 1.0144 1.0017	Average 1.1564 1.1050 1.0894
in Ratio  2nd to 1st c  3rd to 2nd c  4th to 3rd c  5th to 4th c	<u>Year</u> 2018 2017 2016 2015	Ratio 1.0195 1.0151 1.0015 0.9919	<u>Year</u> 2017 2016 2015 2014	Ratio 1.0451 1.0136 1.0018 0.9945	Year 2016 2015 2014 2013	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866	Policy <u>Year</u> 2015 2014 2013 2012	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309	Year 2014 2013 2012 2011	Ratio 1.0717 1.0201 1.0047 1.0088	1.0323 1.0144 1.0017 0.9932	1.0371 1.0095 1.0017 0.9910	1.0461 1.0138 1.0014 1.0025	1.0465 1.0144 1.0017 0.9932	Average 1.1564 1.1050 1.0894 1.0876
in Ratio  2nd to 1st	Year 2018 2017 2016 2015 2014	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001	Year 2017 2016 2015 2014 2013	1.0451 1.0136 1.0018 0.9945 0.9946	Year 2016 2015 2014 2013 2012	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003	Policy <u>Year</u> 2015 2014 2013 2012 2011	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084	Year 2014 2013 2012 2011 2010	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987	1.0323 1.0144 1.0017 0.9932 0.9974	1.0371 1.0095 1.0017 0.9910 0.9983	1.0461 1.0138 1.0014 1.0025 1.0004	1.0465 1.0144 1.0017 0.9932 0.9974	1.1564 1.1050 1.0894 1.0876 1.0950
in Ratio  2nd to 1st	Year 2018 2017 2016 2015 2014 2013	Ratio 1.0195 1.0151 1.0015 0.9919 1.0001 1.0012	Year 2017 2016 2015 2014 2013 2012	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138	Year 2016 2015 2014 2013 2012 2011	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007	Policy Year 2015 2014 2013 2012 2011 2010	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082	Year 2014 2013 2012 2011 2010 2009	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162	1.0323 1.0144 1.0017 0.9932 0.9974 1.0075	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075	Average 1.1564 1.1050 1.0894 1.0876 1.0950 1.0980
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c	Year 2018 2017 2016 2015 2014 2013 2012	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996	Year 2017 2016 2015 2014 2013 2012 2011	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041	Year 2016 2015 2014 2013 2012 2011 2010	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089	Policy Year 2015 2014 2013 2012 2011 2010 2009	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971	Year 2014 2013 2012 2011 2010 2009 2008	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991	1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019	Average  1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018	Average 1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019	Average 1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c	Year 2018 2017 2016 2015 2014 2013 2012 2011	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064	Year 2017 2016 2015 2014 2013 2012 2011 2010	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026	Year 2016 2015 2014 2013 2012 2011 2010 2009	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008	2016-2017 Ratio 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978	Year 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062	1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045	Average  1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045	Average 1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 7th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009	Ratio 1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041	1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012	Average 1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c 11th to 10th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028 0.9998	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083	1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024 1.0036	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c 11th to 10th c 12th to 11th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028 0.9998 1.0027	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996	Average 1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016 1.0036	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024 1.0036 1.0035	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0011 1.0010 1.0017	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c 11th to 10th c 12th to 11th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028 0.9998 1.0027 1.0063	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074 1.0048	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	2016-2017 <u>Ratio</u> 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0069	Average  1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0017 1.0037	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016 1.0036	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024 1.0036 1.0035 1.0044	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 9th to 8th c 10th to 9th c 11th to 10th c 12th to 11th c 13th to 12th c 14th to 13th c	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028 0.9998 1.0027 1.0063 1.0063	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007 1.0010 1.0065	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0074 1.0048 1.00101	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003	2016-2017 Ratio 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032 1.0046	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0069 1.0033	Average  1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016 1.0036 1.0040 1.0079	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024 1.0036 1.0035 1.0044 1.0063	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787 1.0748
In Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th c 5th c 6th to 5th c 7th to 6th c 8th to 7th c 8th to 7th c 11th to 10th c 12th to 11th c 13th to 12th c 14th to 13th c 15th to 14th c 14th c 15th c 15th to 14th c 15th c 15	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005	Ratio  1.0195 1.0195 1.0015 1.0015 1.0001 1.0001 1.0012 0.9996 1.0028 0.9998 1.0027 1.0063 1.0072 1.0053	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007 1.0010 1.0065 1.0004	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003	2017-2018 Ratio 1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074 1.0048 1.0101 1.0069	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002	2016-2017 Ratio 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032 1.0046 1.0057	Year 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001	1.0717 1.0201 1.0047 1.0048 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0069 1.0033 1.0019	1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069 1.0029	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0026 1.0019 1.0016 1.0036 1.0040 1.0079 1.0042	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0036 1.0035 1.0044 1.0063	1.0465 1.0144 1.0017 0.9932 0.9974 1.0075 1.0045 1.0045 1.0012 1.0017 1.0037 1.0069 1.0029	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787 1.0748 1.0675
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 5th c 5th to 7th c 8th to 7th c 8th to 7th c 10th to 11th c 10th c 12th to 11th c 13th to 12th c 15th to 14th c 15th to 15th c 16th to 15th c 16th to 15th c 15t	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028 0.9998 1.0027 1.0063 1.0072 1.0063 0.9975	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007 1.0010 1.0065 1.0004 0.9998	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002	2017-2018 <u>Ratio</u> 1.0466 0.9999 1.0018 0.9866 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074 1.0048 1.0101 1.0069 1.0196	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001	2016-2017 Ratio 1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032 1.0046 1.0057 1.0017	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0033 1.0019 1.0048	Average  1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0010 1.0017 1.0037 1.0069 0.9987	1.0371 1.0095 1.0017 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016 1.0036 1.0040 1.0079 1.0042 1.0056	1.0461 1.0138 1.0014 1.0025 1.0008 1.0080 1.0018 1.0024 1.0024 1.0036 1.0035 1.0044 1.0064 1.0060 1.0040	1.0465 1.0144 1.0017 0.9932 0.9974 1.0019 1.0045 1.0010 1.0017 1.0037 1.0037 1.0029 0.9987	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787 1.0748 1.0675 1.0645
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in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 5th c 6th to 5th c 7th to 6th c 8th to 7th c 7th to 6th c 10th to 9th c 11th to 10th c 12th to 11th c 13th to 12th c 14th to 13th c 15th to 14th c 15th to 15th c 15th to 14th c 15th to 15th c 15th to 14th c 15th to 15th c 15th to 25th c 25th to 24th c 25th to 25th c 25th to 25th c 25th c 25th to 25th c 25th	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995	Ratio  1.0195 1.0151 1.0015 0.9919 1.0001 1.0012 0.9996 1.0064 1.0028 0.9998 1.0027 1.0063 1.0072 1.0063 1.0072 1.0053 0.9975 1.0033 0.9975 1.0033 0.9979 0.9985 1.0057 0.9988 1.0057 0.9988 1.0055 1.0002 1.0015 1.0002	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007 1.0010 1.0065 1.0004 0.9998 0.9973 1.0010 1.0025 1.0021 1.0021 0.9983 0.9927 1.0008 1.0023 0.9988	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	2017-2018 Ratio  1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074 1.0048 1.0101 1.0069 1.0196 1.0016 1.0081 1.0040 1.0045 1.0040 1.0031 1.0046 1.0088 0.9961 1.0023	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1998 1997 1996 1995 1994 1993 1992 1991	2016-2017 Ratio  1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032 1.0046 1.0057 1.0017 1.0026 0.9984 1.0153 0.9982 1.0079 1.0016 1.0028 1.0035 1.0007 1.0021	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0033 1.0019 1.0048 1.0035 1.0010 1.0052 1.0060 0.9991 1.0053 1.0057 1.0045 0.9988 1.0055	Average  1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069 1.0029 1.0020 1.0030 0.9987 1.0003 0.9995 1.0005 1.0039 1.0011 1.0005 1.0011 1.0005 1.0019	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016 1.0036 1.0040 1.0079 1.0042 1.0056 1.0007 1.0023 1.0023 1.0007 1.0023 1.0033 1.00001 1.0023 1.0033	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024 1.0035 1.0044 1.0063 1.0047 1.0047 1.0017 1.0017 1.0013 1.0040 1.0045 1.0036 1.0044 1.0033 1.0046 1.0031 1.0036 1.	1.0465 1.0144 1.0017 0.9932 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069 1.0029 1.0003 0.9995 1.0003 0.9995 1.0003	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787 1.0748 1.0659 1.0656 1.0656 1.0656
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 6th to 5th c 7th to 6th c 8th to 7th c 10th to 9th c 11th to 10th c 11th to 10th c 13th to 12th c 15th to 14th c 16th to 15th c 17th to 16th c 15th to 14th c 16th to 15th c 17th to 16th c 15th to 14th c 16th to 15th c 17th to 16th c 15th to 14th c 15th to 15th c 17th to 16th c 15th to 15th c 17th to 16th c 12th to 20th c 22th to 21th c 25th to 25th c 25th to 25th c 26th to 25th c 27th to 26th c 27th to 26th c 27th to 27th c 26th c 27th to 27th c 27t	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992	Ratio  1.0195 1.0195 1.0015 1.0015 1.0011 1.0012 0.9996 1.0064 1.0028 0.9998 1.0027 1.0063 1.0072 1.0063 0.9975 1.0033 0.9975 1.0033 0.9979 0.9985 1.0057 1.0057 1.0057 1.0055 1.0057 1.0055 1.0057 1.0057 1.0057 1.0057 1.0057 1.0057 1.0057 1.0005	Year 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007 1.0010 1.0065 1.0004 0.9998 0.9973 1.0010 1.0025 1.0021 1.0021 0.9983 0.9927 1.0008 1.0023 0.9988 1.0064 1.0023	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	2017-2018 Ratio  1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074 1.0048 1.0101 1.0069 1.0196 1.0016 1.0012 1.0045 1.0040 1.0031 1.0046 1.0088 0.9961 1.0023 1.0023 1.0024 1.0017	Policy Year  2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	2016-2017 Ratio  1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032 1.0046 1.0057 1.0017 1.0026 0.9984 1.0153 0.9982 1.0079 1.0016 1.0028 1.0028 1.0027 1.0021 1.0021	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1996 1995 1994 1993 1992 1991 1990 1988	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0069 1.0033 1.0019 1.0048 1.0035 1.0010 1.0052 1.0060 0.9991 1.0053 1.0057 1.0045 0.9988 1.0055 1.0067 1.0067	Average  1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0019 1.0045 1.0012 1.0010 1.0037 1.0069 1.0029 0.9987 1.0005 1.0005 1.0005 1.00010 0.9986 1.0011 1.00010 0.9996 1.0011 1.00019 0.9996 1.0011 1.00019 0.9996 1.0015 1.0019	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0016 1.0036 1.0040 1.0079 1.0042 1.0056 1.0007 1.0023 1.0007 1.0023 1.0007 1.0023 1.0003 1.0003 1.0003 1.0003 1.0003 1.0005	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0024 1.0035 1.0044 1.0063 1.0040 1.0047 1.0013 1.0045 1.0036 1.	1.0465 1.0144 1.0017 0.9932 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069 1.0029 1.0003 0.9995 1.0003 0.9995 1.0003	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787 1.0748 1.0659 1.0656 1.0656 1.0656
in Ratio  2nd to 1st c 3rd to 2nd c 4th to 3rd c 5th to 4th c 5th c 5th to 7th to 6th c 10th to 9th c 11th to 10th c 13th to 12th c 13th to 12th c 15th to 14th c 15th to 14th c 15th to 17th c 15th to 18th c 17th to 16th c 15th to 18th c 17th c 15th to 20th c 15th to 21th c 25th to 21th c 25th to 25th c 27th to 26th c 28th to 27th c 28th to 28th c 28th	Year  2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1998 1997 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0195 1.0195 1.0151 1.0015 1.0015 1.0001 1.0001 1.0028 1.0064 1.0028 1.0027 1.0063 1.0072 1.0053 0.9975 1.0033 0.9979 0.9988 1.0095 1.0057 0.9998 1.0005 1.0002 1.0015 1.0004 1.0012 1.0078 1.0004 1.0012 1.0078	Year  2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991	Ratio  1.0451 1.0136 1.0018 0.9945 0.9946 1.0138 1.0041 1.0026 0.9996 1.0021 1.0007 1.0010 1.0025 1.0021 1.0025 1.0021 0.9983 0.9927 1.0008 1.0023 0.9988 1.0023 1.0023 1.0024 1.0023 0.9988 1.0024 1.0023 1.0024 1.0023 1.0024 1.0023	Year  2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989	2017-2018 Ratio  1.0466 0.9999 1.0018 0.9866 1.0003 1.0007 1.0089 0.9989 1.0034 1.0030 1.0074 1.0048 1.0101 1.0069 1.0196 1.0016 1.0081 1.0040 1.0040 1.0040 1.0040 1.0040 1.0040 1.0041 1.0040 1.0040 1.0040 1.0040 1.0031 1.0046 1.0088 0.9961 1.0023 1.0024 1.0017 1.0050	Policy Year 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1988	2016-2017 Ratio  1.0478 1.0202 0.9973 1.0309 1.0084 1.0082 0.9971 0.9978 1.0022 1.0046 1.0073 1.0032 1.0046 1.0057 1.0017 1.0026 0.9984 1.0153 0.9982 1.0079 1.0016 1.0028 1.0035 1.0007 1.0021 1.0018 1.0015 0.9981 1.0018	Year  2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987	Ratio  1.0717 1.0201 1.0047 1.0088 0.9987 1.0162 0.9991 1.0062 1.0041 1.0083 0.9996 1.0033 1.0019 1.0048 1.0035 1.0010 1.0052 1.0060 0.9991 1.0053 1.0057 1.0045 0.9988 1.0055 1.0067 1.0017 1.0017	Nerage  1.0323 1.0144 1.0017 0.9932 0.9974 1.0075 1.0012 1.0010 1.0017 1.0037 1.0069 0.9987 1.0003 0.9985 1.0003 1.0010 1.0005 1.0019 0.9986 1.0011 1.0009 0.9986 1.0011 1.0003 0.9996 1.0011 1.0003 0.9996 1.0011 1.0003	1.0371 1.0095 1.0017 0.9910 0.9983 1.0052 1.0042 1.0026 1.0019 1.0016 1.0036 1.0040 1.0079 1.0042 1.0056 1.0007 1.0023 1.0023 1.0020 1.0023 1.0033 1.0003 1.0005 1.0033 1.0005 1.0033 1.0005	1.0461 1.0138 1.0014 1.0025 1.0004 1.0080 1.0018 1.0024 1.0035 1.0044 1.0035 1.0047 1.0017 1.0017 1.0013 1.0045 1.0033 1.0046 1.0031 1.	1.0465 1.0144 1.0017 0.9932 1.0075 1.0019 1.0045 1.0012 1.0010 1.0017 1.0037 1.0069 1.0029 1.0003 0.9995 1.0003 0.9995 1.0003	Average  1.1564 1.1050 1.0894 1.0876 1.0950 1.0980 1.0898 1.0878 1.0829 1.0816 1.0806 1.0787 1.0748 1.0659 1.0656 1.0656 1.0656

From Table I - E - Adjusted
Selected Paid Tail Factor = Incurred Tail Factor \* Selected Paid Bridge Factor (1.0615 \* 1.0255 = 1.0886)
From Table I - C - Adjusted
Derived separately. See Exhibit 7 of the April 1, 2022 Filing. b

## **DETERMINATION OF TREND**

				INDEMNITY				
Policy Year	_	2013	2014	2015	2016	2017	2018	2019
Actual Loss Ratio		0.7182	0.6824	0.6114	0.5675	0.5560	0.5581	0.5107
Normalized Frequency		0.8433	0.7709	0.7106	0.6651	0.6285	0.6049	0.5371
Severity Loss Ratio		0.8516	0.8852	0.8603	0.8532	0.8846	0.9227	0.9508
		1 0.8516	2 0.8852	3 0.8603	4	5	6 0.9227	7 0.9508
	У	0.8516	0.8852	0.8603	0.8532	0.8846	0.9227	0.9508
	7 Point	Exponential R	Regression: y	= 0.832086 * 1.01	5889 ^ x			
	Selecte	d Annual Seve	erity Trend Fa	ictor =			1.59%	6
		Annual		Trend Period		_		_
Policy		Severity		# of Years		Severity		Frequency
Year		Trend Factor		to 4/1/23		Trend Factor		Trend Factor
		(1)		(2)		(3) = (1) ^ (2)		(4) #
2017		1.0159		5.2500		1.0863		0.7142
2018		1.0159		4.2500		1.0693		0.7614
2019		1.0159		3.2500		1.0526		0.8119
Trended Loss Ratio								
Policy		Actual		Combined		Trended		
Year		Loss Ratio		Trend Factor		Loss Ratio		
		(5)		(6) = (3) * (4)		(7) = (5) * (6)		
2017		0.5560		0.7758		0.4313		
2018		0.5581		0.8142		0.4544		
2019		0.5107		0.8546		0.4364		
				MEDICAL				
Policy Year	_	2013	2014	2015	2016	2017	2018	2019
Actual Loss Ratio		0.7411	0.7311	0.6298	0.6018	0.6022	0.6291	0.5397
Normalized Frequency		0.8433	0.7709	0.7106	0.6651	0.6285	0.6049	0.5371
Severity Loss Ratio		0.8788	0.9484	0.8862	0.9048	0.9581	1.0400	1.0048
	x	1	2	3	4	5	6	7
	У	0.8788	0.9484	0.8862	0.9048	0.9581	1.0400	1.0048
	7 Point	Exponential R	Regression: y	= 0.858719 * 1.024	4011 ^ x			
	Selecte	d Annual Seve	erity Trend Fa	ictor =			2.40%	6
		Annual		Trend Period				
Policy		Severity		# of Years		Severity		Frequency
Year		Trend Factor		to 4/1/23		Trend Factor		Trend Factor
		(1)		(2)		(3) = (1) ^ (2)		(4) #
2017		1.0240		5.2500		1.1327		0.7142
2018		1.0240		4.2500		1.1061		0.7614
2019		1.0240		3.2500		1.0802		0.8119
Trended Loss Ratio								
Policy		Actual		Combined		Trended		
		Loss Ratio		Trend Factor		Loss Ratio		
Year		/ <b>-</b> \						
		(5)		(6) = (3) * (4)		(7) = (5) * (6)		
Year 2017		0.6022		0.8090		0.4872		
Year								

# See page 21

## **DETERMINATION OF TREND**

## **CLAIM FREQUENCY**

Policy Year Frequency per \$1 million of Expected Losses

	Policy		Claim		Normalized		
	Year		Frequency		Frequency		
	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		
	2018		16.87		0.6049		
	2019*		14.98		0.5371		
Policy Year	2012	2013	2014	2015	2016	2017	2018
. cc, rour	_ <b>_</b>	23.0	_0.1	23.0	23.0		2010
x	1	2	3	4	5	6	7
у	0.8612	0.8433	0.7709	0.7106	0.6651	0.6285	0.6049

7 Point Exponential Regression: y = 0.930934 \* 0.937887 ^ x

**Selected Annual Frequency Trend Factor =** 

-6.2%

	Annual	Trend Period	
Policy	Frequency	# of Years	Frequency
Year	Trend Factor	to 4/1/23	Trend Factor
	(1)	(2)	(3) = (1) ^ (2)
2017	0.9379	5.2500	0.7142
2018	0.9379	4.2500	0.7614
2019	0.9379	3.2500	0.8119

<sup>\*</sup> Policy Year 2019 was excluded from trend due to being significantly impacted by COVID-19 disruptions.

TABLE I POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### ACCUMULATED STANDARD EARNED PREMIUM

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior	40 044 070 407	40 044 070 545	4.0000
to 1989 1989	16,341,273,497 2,028,102,615	16,341,273,515 2,028,102,615	1.0000 1.0000
1990	2,290,405,048	2,290,405,048	1.0000
1991	2,398,443,076	2,398,447,133	1.0000
1992	2,244,438,656	2,244,438,656	1.0000
1993	2,409,615,601	2,409,616,845	1.0000
1994	1,820,873,362	1,821,087,752	1.0001
1995	1,679,960,543	1,679,960,543	1.0000
1996	1,596,023,271	1,596,023,271	1.0000
1997	1,312,458,966	1,312,458,966	1.0000
1998	1,258,395,757	1,258,423,653 1,270,946,009	1.0000
1999 2000	1,270,965,472 1,331,848,694	1,331,794,138	1.0000 1.0000
2001	1,426,111,586	1,426,050,363	1.0000
2002	1,497,895,978	1,498,049,368	1.0001
2003	1,566,331,758	1,566,331,758	1.0000
2004	1,667,728,303	1,667,722,969	1.0000
2005	1,831,932,415	1,831,925,456	1.0000
2006	1,805,813,476	1,805,813,415	1.0000
2007	1,869,442,095	1,869,437,052	1.0000
2008	1,727,205,412 1,534,026,890	1,727,203,847	1.0000
2009 2010	1,606,373,793	1,534,022,429 1,606,361,214	1.0000 1.0000
2010	1,654,324,979	1,653,655,957	0.9996
2012	1,542,713,155	1,542,803,561	1.0001
2013	1,504,277,408	1,504,403,960	1.0001
2014	1,507,321,348	1,507,723,746	1.0003
2015	1,512,655,374	1,511,102,707	0.9990
2016	1,520,645,231	1,519,086,323	0.9990
2017	1,573,072,809	1,593,195,295	1.0128
2018	945,077,895	1,714,078,344	1.8137
2019		822,938,945	
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Policy Year Valued Prior	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Valued			
Valued Prior	12/31/19	12/31/20	Prior Year
Valued Prior to 1990 1990 1991	12/31/19 17,670,085,342 2,219,239,604 2,315,408,417	12/31/20 17,670,085,175 2,219,239,604 2,315,408,429	1.0000 1.0000 1.0000
Valued Prior to 1990 1990 1991 1992	12/31/19 17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267	1.0000 1.0000 1.0000 1.0000
Valued Prior to 1990 1990 1991 1992 1993	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1990 1990 1991 1992 1993 1994	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641	12/31/20 17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1990 1990 1991 1992 1993 1994	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059	12/31/20 17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890	12/31/20 17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890	12/31/20 17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351	17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued           Prior           to 1990           1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400	12/31/20 17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401	1.0000 1.0000
Valued           Prior           to 1990           1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325	1.0000 1.0000
Valued           Prior           to 1990           1990           1991           1992           1993           1994           1996           1997           1998           1999           2000           2001           2003           2004           2005           2006           2007           2008           2009           2010	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794	1.0000 1.0000
Valued           Prior           to 1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,778 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,756	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564	1.0000 1.0000
Valued           Prior           to 1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,756 1,537,463,587	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491	1.0000 1.0000
Valued           Prior           to 1990           1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012           2013	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,778 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,756	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491 1,510,268,872	1.0000 1.0000
Valued           Prior           to 1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,756 1,537,463,587 1,510,249,425	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491	1.0000 1.0000
Valued           Prior           to 1990           1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012           2013           2014	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,351 1,642,875,756 1,537,463,587 1,510,249,425 1,510,104,135	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491 1,510,268,872 1,510,269,466 1,503,443,279 1,512,238,503	1.0000 1.0000
Valued           Prior           to 1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,766 1,537,463,587 1,510,249,425 1,510,104,135 1,503,518,707 1,512,610,282 1,588,060,896	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491 1,510,268,872 1,510,269,466 1,503,443,279 1,512,238,503 1,584,357,531	1.0000 1.0000
Valued           Prior           to 1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017           2018	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,756 1,537,463,587 1,510,104,135 1,503,518,707 1,512,610,282 1,588,060,896 1,713,034,224	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,808,406,811 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491 1,510,268,872 1,510,269,466 1,503,443,279 1,512,238,503 1,584,357,531 1,734,395,974	1.0000 1.0001 0.9999 0.9998 0.9977 1.0125
Valued           Prior           to 1990           1991           1992           1993           1994           1995           1996           1997           1998           1999           2000           2001           2002           2003           2004           2005           2006           2007           2008           2009           2010           2011           2012           2013           2014           2015           2016           2017	12/31/19  17,670,085,342 2,219,239,604 2,315,408,417 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,302,249 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,645,578 1,808,447,730 1,791,192,342 1,851,278,351 1,702,620,400 1,520,912,325 1,589,792,531 1,642,875,766 1,537,463,587 1,510,249,425 1,510,104,135 1,503,518,707 1,512,610,282 1,588,060,896	12/31/20  17,670,085,175 2,219,239,604 2,315,408,429 2,153,973,267 2,306,223,515 1,745,581,878 1,599,496,641 1,518,284,059 1,254,684,804 1,198,288,497 1,210,416,924 1,272,107,245 1,368,962,065 1,447,567,784 1,530,387,890 1,641,607,361 1,791,174,193 1,851,271,275 1,702,620,401 1,520,906,325 1,589,788,794 1,642,868,564 1,537,436,491 1,510,268,872 1,510,269,466 1,503,443,279 1,512,238,503 1,584,357,531	1.0000 1.0000

### TABLE I - A - REPORTED

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	12,536,348,582	12,545,446,134	1.0007
1989	2,114,447,991	2,113,257,631	0.9994
1990	2,148,928,748	2,149,762,658	1.0004
1991	1,887,457,005	1,888,538,648	1.0006
1992	1,604,260,278	1,610,986,043	1.0042
1993	1,317,113,155	1,316,885,559	0.9998
1994	1,212,325,627	1,212,628,899	1.0003
1995	1,038,648,738	1,039,236,247	1.0006
1996	925,362,423	922,409,808	0.9968
1997	937,666,482	937,580,155	0.9999
1998	967,394,993	968,874,019	1.0015
1999	1,058,250,803	1,058,834,940	1.0006
2000	1,122,993,629	1,124,490,021	1.0013
2001	1,116,695,836	1,117,197,894	1.0004
2002	1,215,770,815	1,213,970,457	0.9985
2003	1,204,940,196	1,203,437,632	0.9988
2004	1,285,574,519	1,286,002,397	1.0003
2005	1,312,728,247	1,316,239,480	1.0027
2006	1,341,133,588	1,342,464,895	1.0010
2007	1,418,385,403	1,418,815,982	1.0003
2008	1,306,644,340	1,307,248,051	1.0005
2009	1,187,275,004	1,188,213,386	1.0008
2010	1,271,860,745	1,274,574,696	1.0021
2011	1,236,018,024	1,240,193,811	1.0034
2012	1,140,843,536	1,151,318,350	1.0092
2013	1,153,454,671	1,149,307,828	0.9964
2014	1,151,880,341	1,151,501,491	0.9997
2015	1,078,474,034	1,091,246,905	1.0118
2016	998,951,840	1,047,604,683	1.0487
2017	939,103,144	1,101,242,213	1.1727
2018	409,281,109	1,048,925,641	2.5628
2019		415,737,375	
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
-			
Valued			
Valued Prior	12/31/19	12/31/20	Prior Year
Valued Prior to 1990	<b>12/31/19</b> 14,156,286,230	<b>12/31/20</b> 14,171,666,847	Prior Year
Valued Prior to 1990 1990 1991 1992	12/31/19 14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196	14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953	1.0011 1.0006 0.9998 1.0032
Valued Prior to 1990 1990 1991	12/31/19 14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671	1.0011 1.0006 0.9998
Valued Prior to 1990 1990 1991 1992	12/31/19 14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953	1.0011 1.0006 0.9998 1.0032
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	12/31/19 14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	12/31/19 14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	12/31/19 14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,771,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.00027
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,081,035 1,181,878,885 1,266,206,359 1,311,629,927	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732	12/31/20 14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9993 1.0008 0.9982 1.0028 1.0028 1.0041 1.0042
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0008 1.0028 1.0041 1.0042 1.0017
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035 1.0013
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,252,949	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,553,792	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035 1.0013 1.0011
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,252,949 1,163,521,788	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,553,792 1,164,461,134	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0001 1.0019 1.0035 1.0013 1.0011 1.0008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,267,728 1,149,252,949 1,163,521,788 1,086,274,307	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,7553,792 1,164,461,134 1,082,150,938	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0001 1.0001 1.0001 1.0008 0.9962
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,267,728 1,149,252,949 1,163,521,788 1,086,274,307 1,042,228,947	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,553,792 1,164,461,134 1,082,150,938 1,048,255,850	1.0011 1.0006 0.9998 1.0032 1.0006 1.0005 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035 1.0013 1.0011 1.0008 0.9962 1.0058
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,267,728 1,149,252,949 1,163,521,788 1,086,274,307 1,042,228,947 1,088,184,278	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,553,792 1,164,461,134 1,082,150,938 1,048,255,850 1,134,600,984	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035 1.0011 1.0008 0.9962 1.0028 1.0047
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,252,949 1,163,521,788 1,086,274,307 1,042,228,947 1,088,184,278 1,049,712,887	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,553,792 1,164,461,134 1,082,150,938 1,048,255,850 1,134,600,984 1,197,243,024	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9992 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035 1.0013 1.0011 1.0008 0.9962 1.0058 1.0427 1.1405
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	12/31/19  14,156,286,230 2,091,112,058 1,832,609,846 1,547,621,196 1,260,705,515 1,171,053,832 995,268,235 875,090,780 901,216,092 928,934,332 1,010,772,961 1,074,768,528 1,078,477,058 1,182,241,897 1,180,974,910 1,268,438,895 1,307,980,197 1,340,814,732 1,414,819,338 1,296,967,544 1,178,432,687 1,258,761,727 1,238,756,239 1,149,267,728 1,149,267,728 1,149,252,949 1,163,521,788 1,086,274,307 1,042,228,947 1,088,184,278	12/31/20  14,171,666,847 2,092,416,786 1,832,312,671 1,552,607,953 1,261,440,598 1,171,594,784 996,005,365 874,600,932 905,072,238 928,779,604 1,011,100,151 1,077,617,852 1,077,695,937 1,181,061,035 1,181,878,885 1,266,206,359 1,311,629,927 1,346,361,577 1,420,709,112 1,299,150,997 1,178,554,634 1,261,147,813 1,243,103,484 1,150,746,531 1,150,553,792 1,164,461,134 1,082,150,938 1,048,255,850 1,134,600,984	1.0011 1.0006 0.9998 1.0032 1.0006 1.0007 0.9994 1.0043 0.9998 1.0003 1.0027 0.9993 0.9990 1.0008 0.9982 1.0028 1.0041 1.0042 1.0017 1.0001 1.0019 1.0035 1.0011 1.0008 0.9962 1.0028 1.0047

### TABLE I - B - REPORTED

### POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### INDEMNITY INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	8,166,302,630	8,169,151,949	1.0003
1989	1,284,658,652	1,284,495,801	0.9999
1990	1,308,409,512	1,307,509,771	0.9993
1991	1,128,983,751	1,128,622,483	0.9997
1992	951,095,607	954,306,118	1.0034
1993	819,182,695	819,483,127	1.0004
1994	749,258,414	748,602,570	0.9991
1995	620,182,502	620,456,975	1.0004
1996	512,864,282	512,684,207	0.9996
1997	513,756,060	514,346,623	1.0011
1998	514,185,888	514,753,115	1.0011
1999	586,537,040	586,187,998	0.9994
2000	622,484,205	622,741,640	1.0004
2001	632,878,753	632,914,192	1.0001
2002	665,383,227	665,070,131	0.9995
2003	650,093,485	648,706,679	0.9979
2004	684,488,172	684,679,902	1.0003
2005	690,227,385	689,570,339	0.9990
2006	711,269,557	711,935,820	1.0009
2007	748,026,318	747,951,409	0.9999
2008	697,884,714	697,199,628	0.9990
2009	634,374,590	635,540,788	1.0018
2010	656,317,948	657,463,972	1.0017
2011	631,253,595	632,962,317	1.0027
2012	578,653,909	581,406,963	1.0048
2013	577,266,184	576,231,510	0.9982
2014	572,309,775	575,135,388	1.0049
2015	540,419,708	552,234,529	1.0219
2016	481,488,514	523,122,060	1.0865
2017	388,683,934	525,997,010	1.3533
2018	117,806,395	420,154,804	3.5665
2019		125,277,791	
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Valued Prior	12/31/19	12/31/20	Prior Year
Valued	<b>12/31/19</b> 9,144,319,521	<b>12/31/20</b> 9,146,898,069	Prior Year 1.0003
Valued Prior to 1990	12/31/19	9,146,898,069 1,275,536,055	Prior Year
Valued Prior to 1990 1990	9,144,319,521 1,275,275,231	<b>12/31/20</b> 9,146,898,069	1.0003 1.0002
Valued Prior to 1990 1990 1991	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822	1.0003 1.0002 0.9998 1.0009
Valued Prior to 1990 1990 1991 1992	9,144,319,521 1,275,275,231 1,097,815,468	9,146,898,069 1,275,536,055 1,097,546,537	1.0003 1.0002 0.9998
Valued Prior to 1990 1990 1991 1992 1993	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994	1.0003 1.0002 0.9998 1.0009 1.0003
Valued Prior to 1990 1990 1991 1992 1993 1994	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,363,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999 0.9996 0.9989 1.0004
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693	1.0003 1.0002 0.9998 1.0009 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0004
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451	1.0003 1.0002 0.9998 1.0009 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008 1.0008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717 583,938,254	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0002 1.0007 1.0004 1.0011 1.0008 1.0008 1.0001
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146 580,509,597	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717 583,938,254 581,411,975	1.0003 1.0002 0.9998 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0008 1.0007 1.0008 1.0001 1.0011 1.0008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146 580,509,597 549,926,271	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,433 654,149,371 630,287,145 582,860,717 583,938,254 581,411,975 550,125,582	1.0003 1.0002 0.9998 1.0009 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008 1.0030 1.0011 1.0016 1.0004
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146 580,509,597 549,926,271 520,703,205	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717 583,938,254 581,411,975 550,125,582 525,940,694	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008 1.00004 1.0011 1.0008 1.0004 1.0011
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146 580,509,597 549,926,271 520,703,205 523,180,839	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717 583,938,254 581,411,975 550,125,582 525,940,694 561,076,478	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008 1.0008 1.0004 1.0011 1.0008 1.0004 1.0011 1.0008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146 580,509,597 549,926,271 520,703,205	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717 583,938,254 581,411,975 550,125,582 525,940,694	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008 1.0003 1.0011 1.0008 1.0004 1.0011 1.0008 1.0004 1.0011 1.0016 1.0004 1.0101 1.0724 1.3220
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	9,144,319,521 1,275,275,231 1,097,815,468 918,204,389 787,100,436 723,347,632 594,443,117 485,114,198 494,511,713 493,466,084 558,925,708 596,485,143 610,532,724 646,990,195 637,191,402 675,817,191 687,161,371 712,809,297 749,945,790 694,327,694 633,107,994 653,442,295 629,791,879 581,135,024 583,318,146 580,509,597 549,926,271 520,703,205 523,180,839 420,090,038	9,146,898,069 1,275,536,055 1,097,546,537 919,018,822 787,349,994 723,720,520 594,654,627 484,568,745 494,782,655 493,802,243 559,353,232 596,665,841 610,460,541 646,934,792 636,295,484 675,097,532 687,453,693 713,668,810 751,480,347 694,801,451 633,336,443 654,149,371 630,287,145 582,860,717 583,938,254 581,411,975 550,125,582 525,940,694 561,076,478 555,348,512	1.0003 1.0002 0.9998 1.0009 1.0003 1.0005 1.0004 0.9989 1.0005 1.0007 1.0008 1.0003 0.9999 0.9986 0.9989 1.0004 1.0012 1.0020 1.0007 1.0004 1.0011 1.0008 1.0008 1.0004 1.0011 1.0008 1.0004 1.0011 1.0008

### TABLE I - C - REPORTED

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

## MEDICAL INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	4,370,045,952	4,376,294,185	1.0014
1989	829,789,339	828,761,830	0.9988
1990	840,519,236	842,252,887	1.0021
1991	758,473,254	759,916,165	1.0019
1992 1993	653,164,671 497,930,460	656,679,925 497,402,432	1.0054
1993	463,067,213	464,026,329	0.9989 1.0021
1995	418,466,236	418,779,272	1.0007
1996	412,498,141	409,725,601	0.9933
1997	423,910,422	423,233,532	0.9984
1998	453,209,105	454,120,904	1.0020
1999	471,713,763	472,646,942	1.0020
2000	500,509,424	501,748,381	1.0025
2001	483,817,083	484,283,702	1.0010
2002	550,387,588	548,900,326	0.9973
2003	554,846,711	554,730,953 601,322,495	0.9998
2004 2005	601,086,347 622,500,862	626,669,141	1.0004 1.0067
2006	629,864,031	630,529,075	1.0011
2007	670,359,085	670,864,573	1.0008
2008	608,759,626	610,048,423	1.0021
2009	552,900,414	552,672,598	0.9996
2010	615,542,797	617,110,724	1.0025
2011	604,764,429	607,231,494	1.0041
2012	562,189,627	569,911,387	1.0137
2013	576,188,487	573,076,318	0.9946
2014	579,570,566	576,366,103	0.9945
2015 2016	538,054,326 517,463,326	539,012,376 524,482,623	1.0018 1.0136
2017	550,419,210	575,245,203	1.0451
2018	291,474,714	628,770,837	2.1572
2019		290,459,584	
Policy Year	As of	As of	Ratio to
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
•			
Valued Prior to 1990	<b>12/31/19</b> 5,011,966,709	<b>12/31/20</b> 5,024,768,778	Prior Year 1.0026
Valued Prior to 1990 1990	<b>12/31/19</b> 5,011,966,709 815,836,827	12/31/20 5,024,768,778 816,880,731	1.0026 1.0013
Valued Prior to 1990 1990 1991	12/31/19 5,011,966,709 815,836,827 734,794,378	12/31/20 5,024,768,778 816,880,731 734,766,134	1.0026 1.0013 1.0000
Valued Prior to 1990 1990 1991 1992	5,011,966,709 815,836,827 734,794,378 629,416,807	5,024,768,778 816,880,731 734,766,134 633,589,131	1.0026 1.0013 1.0000 1.0066
Valued Prior to 1990 1990 1991 1992 1993	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604	1.0026 1.0013 1.0000 1.0066 1.0010
Valued Prior to 1990 1990 1991 1992 1993 1994	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004
Valued Prior to 1990 1990 1991 1992 1993	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0008
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0001 1.0001 1.0008 0.9989 0.9998 1.0056
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0001 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0001 1.0008 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9988 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2001 2002 2003 2004 2005 2006 2007	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9988 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546	1.0026 1.0013 1.0000 1.0066 1.0013 1.0004 1.0013 1.0001 1.0088 0.9989 0.9988 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 389,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028 1.0063 0.9996 1.0012
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803 583,012,191	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538 583,049,159	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028 1.0028 1.0063 1.00996 1.0012 1.0001
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803 583,012,191 536,348,036	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538 583,049,159 532,025,356	1.0026 1.0013 1.0000 1.0066 1.0013 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028 1.0028 1.0028 1.0028 1.0012 1.0001 0.9919
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803 583,012,191 536,348,036 521,525,742	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538 583,049,159 532,025,356 522,315,156	1.0026 1.0013 1.0000 1.0066 1.0013 1.0000 1.0066 1.0013 1.0001 1.0088 0.9989 0.9988 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028 1.0028 1.0028 1.0028 1.0012 1.0001 0.9919 1.0015
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803 583,012,191 536,348,036 521,525,742 565,003,439	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538 583,049,159 532,025,356 522,315,156 573,524,506	1.0026 1.0013 1.0000 1.0066 1.0013 1.0000 1.0066 1.0013 1.0001 1.0008 0.9989 0.9988 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028 1.0028 1.0012 1.0001 0.9919 1.0015 1.0151
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803 583,012,191 536,348,036 521,525,742	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538 583,049,159 532,025,356 522,315,156	1.0026 1.0013 1.0000 1.0066 1.0013 1.0000 1.0066 1.0013 1.0001 1.0088 0.9989 0.9988 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0028 1.0028 1.0028 1.0028 1.0012 1.0001 0.9919 1.0015
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	5,011,966,709 815,836,827 734,794,378 629,416,807 473,605,079 447,706,200 400,825,118 389,976,582 406,704,379 435,468,248 451,847,253 478,283,385 467,944,334 535,251,702 543,783,508 592,621,704 620,818,826 628,005,435 664,873,548 602,639,850 545,324,693 605,319,432 608,964,360 568,132,704 565,934,803 583,012,191 536,348,036 521,525,742 565,003,439 629,622,849	5,024,768,778 816,880,731 734,766,134 633,589,131 474,090,604 447,874,264 401,350,738 390,032,187 410,289,583 434,977,361 451,746,919 480,952,011 467,235,396 534,126,243 545,583,401 591,108,827 624,176,234 632,692,767 669,228,765 604,349,546 545,218,191 606,998,442 612,816,339 567,885,814 566,615,538 583,049,159 532,025,356 522,315,156 573,524,506 641,894,512	1.0026 1.0013 1.0000 1.0066 1.0010 1.0004 1.0013 1.0001 1.0088 0.9989 0.9998 1.0056 0.9985 0.9979 1.0033 0.9974 1.0054 1.0075 1.0066 1.0028 0.9998 1.0028 1.0028 1.0063 0.9996 1.0012 1.0001 0.9919 1.0015 1.0151 1.0195

## TABLE I - D - REPORTED

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### INDEMNITY PAID LOSSES

Prior to 1989 8,093,339,858 8,104,914,374 1.0014 1989 1,263,293,159 1,265,803,347 1.0020 1990 1,286,682,296 1,289,605,028 1.0023 1991 1,103,697,220 1,107,051,005 1.0030 1992 926,286,908 929,931,440 1.0039 1993 799,249,729 801,781,105 1.0032 1994 727,548,391 730,794,525 1.0045 1995 606,042,726 608,030,051 1.0033 1996 502,463,849 503,833,590 1.0027 1997 507,433,903 508,748,173 1.0026 1998 509,678,223 510,133,737 1.0009 1999 580,151,693 580,747,969 1.0010 2000 615,375,765 616,474,541 1.0018 2001 624,760,218 626,268,641 1.0024 2002 650,741,796 653,878,216 1.0048 2003 635,331,158 637,732,219 1.0038 2004 662,440,768 667,543,558 1.0077 2005 673,627,420 676,936,999 1.0049 2006 692,395,657 695,939,114 1.0051 2007 726,800,789 730,565,340 1.0050 2009 619,854,360 623,287,791 1.0055 2010 636,372,733 642,972,721 1.0104
1989         1,263,293,159         1,265,803,347         1.0020           1990         1,286,682,296         1,289,605,028         1.0023           1991         1,103,697,220         1,107,051,005         1.0030           1992         926,286,908         929,931,440         1.0039           1993         799,249,729         801,781,105         1.0032           1994         727,548,391         730,794,525         1.0045           1995         606,042,726         608,030,051         1.0033           1996         502,463,849         503,833,590         1.0027           1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420
1990         1,286,682,296         1,289,605,028         1.0023           1991         1,103,697,220         1,107,051,005         1.0030           1992         926,286,908         929,931,440         1.0039           1993         799,249,729         801,781,105         1.0032           1994         727,548,391         730,794,525         1.0045           1995         606,042,726         608,030,051         1.0033           1996         502,463,849         503,833,590         1.0027           1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657
1991         1,103,697,220         1,107,051,005         1.0030           1992         926,286,908         929,931,440         1.0039           1993         799,249,729         801,781,105         1.0032           1994         727,548,391         730,794,525         1.0045           1995         606,042,726         608,030,051         1.0033           1996         502,463,849         503,833,590         1.0027           1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657         695,939,114         1.0051           2007         726,800,789
1992         926,286,908         929,931,440         1.0039           1993         799,249,729         801,781,105         1.0032           1994         727,548,391         730,794,525         1.0045           1995         606,042,726         608,030,051         1.0033           1996         502,463,849         503,833,590         1.0027           1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,4541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657         695,939,114         1.0051           2007         726,800,789         730,565,340         1.0052           2008         681,701,205         685
1993         799,249,729         801,781,105         1.0032           1994         727,548,391         730,794,525         1.0045           1995         606,042,726         608,030,051         1.0033           1996         502,463,849         503,833,590         1.0027           1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657         695,939,114         1.0051           2007         726,800,789         730,565,340         1.0052           2008         681,701,205         685,139,609         1.0050           2009         619,854,360         623,
1994       727,548,391       730,794,525       1.0045         1995       606,042,726       608,030,051       1.0033         1996       502,463,849       503,833,590       1.0027         1997       507,433,903       508,748,173       1.0026         1998       509,678,223       510,133,737       1.0009         1999       580,151,693       580,747,969       1.0010         2000       615,375,765       616,474,541       1.0018         2001       624,760,218       626,268,641       1.0024         2002       650,741,796       653,878,216       1.0048         2003       635,331,158       637,732,219       1.0038         2004       662,440,768       667,543,558       1.0077         2005       673,627,420       676,936,999       1.0049         2006       692,395,657       695,939,114       1.0051         2007       726,800,789       730,565,340       1.0052         2008       681,701,205       685,139,609       1.0050         2009       619,854,360       623,287,791       1.0055
1995       606,042,726       608,030,051       1.0033         1996       502,463,849       503,833,590       1.0027         1997       507,433,903       508,748,173       1.0026         1998       509,678,223       510,133,737       1.0009         1999       580,151,693       580,747,969       1.0010         2000       615,375,765       616,474,541       1.0018         2001       624,760,218       626,268,641       1.0024         2002       650,741,796       653,878,216       1.0048         2003       635,331,158       637,732,219       1.0038         2004       662,440,768       667,543,558       1.0077         2005       673,627,420       676,936,999       1.0049         2006       692,395,657       695,939,114       1.0051         2007       726,800,789       730,565,340       1.0052         2008       681,701,205       685,139,609       1.0050         2009       619,854,360       623,287,791       1.0055
1996         502,463,849         503,833,590         1.0027           1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657         695,939,114         1.0051           2007         726,800,789         730,565,340         1.0052           2008         681,701,205         685,139,609         1.0050           2009         619,854,360         623,287,791         1.0055
1997         507,433,903         508,748,173         1.0026           1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657         695,939,114         1.0051           2007         726,800,789         730,565,340         1.0052           2008         681,701,205         685,139,609         1.0050           2009         619,854,360         623,287,791         1.0055
1998         509,678,223         510,133,737         1.0009           1999         580,151,693         580,747,969         1.0010           2000         615,375,765         616,474,541         1.0018           2001         624,760,218         626,268,641         1.0024           2002         650,741,796         653,878,216         1.0048           2003         635,331,158         637,732,219         1.0038           2004         662,440,768         667,543,558         1.0077           2005         673,627,420         676,936,999         1.0049           2006         692,395,657         695,939,114         1.0051           2007         726,800,789         730,565,340         1.0052           2008         681,701,205         685,139,609         1.0050           2009         619,854,360         623,287,791         1.0055
1999     580,151,693     580,747,969     1.0010       2000     615,375,765     616,474,541     1.0018       2001     624,760,218     626,268,641     1.0024       2002     650,741,796     653,878,216     1.0048       2003     635,331,158     637,732,219     1.0038       2004     662,440,768     667,543,558     1.0077       2005     673,627,420     676,936,999     1.0049       2006     692,395,657     695,939,114     1.0051       2007     726,800,789     730,565,340     1.0052       2008     681,701,205     685,139,609     1.0050       2009     619,854,360     623,287,791     1.0055
2000       615,375,765       616,474,541       1.0018         2001       624,760,218       626,268,641       1.0024         2002       650,741,796       653,878,216       1.0048         2003       635,331,158       637,732,219       1.0038         2004       662,440,768       667,543,558       1.0077         2005       673,627,420       676,936,999       1.0049         2006       692,395,657       695,939,114       1.0051         2007       726,800,789       730,565,340       1.0052         2008       681,701,205       685,139,609       1.0050         2009       619,854,360       623,287,791       1.0055
2001       624,760,218       626,268,641       1.0024         2002       650,741,796       653,878,216       1.0048         2003       635,331,158       637,732,219       1.0038         2004       662,440,768       667,543,558       1.0077         2005       673,627,420       676,936,999       1.0049         2006       692,395,657       695,939,114       1.0051         2007       726,800,789       730,565,340       1.0052         2008       681,701,205       685,139,609       1.0050         2009       619,854,360       623,287,791       1.0055
2002     650,741,796     653,878,216     1.0048       2003     635,331,158     637,732,219     1.0038       2004     662,440,768     667,543,558     1.0077       2005     673,627,420     676,936,999     1.0049       2006     692,395,657     695,939,114     1.0051       2007     726,800,789     730,565,340     1.0052       2008     681,701,205     685,139,609     1.0050       2009     619,854,360     623,287,791     1.0055
2003     635,331,158     637,732,219     1.0038       2004     662,440,768     667,543,558     1.0077       2005     673,627,420     676,936,999     1.0049       2006     692,395,657     695,939,114     1.0051       2007     726,800,789     730,565,340     1.0052       2008     681,701,205     685,139,609     1.0050       2009     619,854,360     623,287,791     1.0055
2004     662,440,768     667,543,558     1.0077       2005     673,627,420     676,936,999     1.0049       2006     692,395,657     695,939,114     1.0051       2007     726,800,789     730,565,340     1.0052       2008     681,701,205     685,139,609     1.0050       2009     619,854,360     623,287,791     1.0055
2005     673,627,420     676,936,999     1.0049       2006     692,395,657     695,939,114     1.0051       2007     726,800,789     730,565,340     1.0052       2008     681,701,205     685,139,609     1.0050       2009     619,854,360     623,287,791     1.0055
2006       692,395,657       695,939,114       1.0051         2007       726,800,789       730,565,340       1.0052         2008       681,701,205       685,139,609       1.0050         2009       619,854,360       623,287,791       1.0055
2007     726,800,789     730,565,340     1.0052       2008     681,701,205     685,139,609     1.0050       2009     619,854,360     623,287,791     1.0055
2008         681,701,205         685,139,609         1.0050           2009         619,854,360         623,287,791         1.0055
2009 619,854,360 623,287,791 1.0055
2010 636,372,733 642,972,721 1.0104
2011 608,986,173 615,900,459 1.0114
2012 544,473,494 552,558,365 1.0148
2013 548,447,275 555,813,606 1.0134
2014 527,337,826 547,143,502 1.0376
2015 478,321,102 512,035,057 1.0705
2016 374,928,431 457,749,551 1.2209
2017 225,349,752 412,987,896 1.8327
2018 41,901,467 239,973,059 5.7271
2019 44,657,772
Policy Year As of As of Ratio to Valued 12/31/19 12/31/20 Prior Year
Prior
to 1990 9,063,125,344 9,074,958,306 1.0013
1990 1,257,657,242 1,260,306,160 1.0021
1991 1,076,782,934 1,079,721,843 1.0027
1992 894,291,558 897,481,736 1.0036
1993 769,369,463 771,672,986 1.0030
1994 705,804,284 707,800,208 1.0028
1994 705,804,284 707,800,208 1.0028 1995 582,152,417 583,494,412 1.0023
1995 582,152,417 583,494,412 1.0023
1995       582,152,417       583,494,412       1.0023         1996       476,305,024       477,198,836       1.0019
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018
1995       582,152,417       583,494,412       1.0023         1996       476,305,024       477,198,836       1.0019         1997       488,924,933       489,814,050       1.0018         1998       488,846,544       489,278,053       1.0009
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023       2003     626,211,472     627,447,840     1.0020
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023       2003     626,211,472     627,447,840     1.0020       2004     659,224,572     662,416,614     1.0048
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023       2003     626,211,472     627,447,840     1.0020       2004     659,224,572     662,416,614     1.0048       2005     673,900,625     676,019,965     1.0031
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023       2003     626,211,472     627,447,840     1.0020       2004     659,224,572     662,416,614     1.0048       2005     673,900,625     676,019,965     1.0031       2006     696,787,091     698,975,889     1.0031
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023       2003     626,211,472     627,447,840     1.0020       2004     659,224,572     662,416,614     1.0048       2005     673,900,625     676,019,965     1.0031       2006     696,787,091     698,975,889     1.0031       2007     732,566,364     735,525,706     1.0040
1995     582,152,417     583,494,412     1.0023       1996     476,305,024     477,198,836     1.0019       1997     488,924,933     489,814,050     1.0018       1998     488,846,544     489,278,053     1.0009       1999     553,482,352     554,486,687     1.0018       2000     590,206,947     590,700,193     1.0008       2001     603,872,549     604,830,053     1.0016       2002     635,787,764     637,226,675     1.0023       2003     626,211,472     627,447,840     1.0020       2004     659,224,572     662,416,614     1.0048       2005     673,900,625     676,019,965     1.0031       2006     696,787,091     698,975,889     1.0031       2007     732,566,364     735,525,706     1.0040       2008     682,324,564     684,630,494     1.0034
1995         582,152,417         583,494,412         1.0023           1996         476,305,024         477,198,836         1.0019           1997         488,924,933         489,814,050         1.0018           1998         488,846,544         489,278,053         1.0009           1999         553,482,352         554,486,687         1.0018           2000         590,206,947         590,700,193         1.0008           2001         603,872,549         604,830,053         1.0016           2002         635,787,764         637,226,675         1.0023           2003         626,211,472         627,447,840         1.0020           2004         659,224,572         662,416,614         1.0048           2005         673,900,625         676,019,965         1.0031           2006         696,787,091         698,975,889         1.0031           2007         732,566,364         735,525,706         1.0040           2008         682,324,564         684,630,494         1.0034           2009         622,483,712         624,868,133         1.0038
1995       582,152,417       583,494,412       1.0023         1996       476,305,024       477,198,836       1.0019         1997       488,924,933       489,814,050       1.0018         1998       488,846,544       489,278,053       1.0009         1999       553,482,352       554,486,687       1.0018         2000       590,206,947       590,700,193       1.0008         2001       603,872,549       604,830,053       1.0016         2002       635,787,764       637,226,675       1.0023         2003       626,211,472       662,416,614       1.0048         2005       673,900,625       676,019,965       1.0031         2006       696,787,091       698,975,889       1.0031         2007       732,566,364       735,525,706       1.0040         2008       682,324,564       684,630,494       1.0034         2009       622,483,712       624,868,133       1.0038         2010       638,518,999       641,566,682       1.0048
1995       582,152,417       583,494,412       1.0023         1996       476,305,024       477,198,836       1.0019         1997       488,924,933       489,814,050       1.0018         1998       488,846,544       489,278,053       1.0009         1999       553,482,352       554,486,687       1.0018         2000       590,206,947       590,700,193       1.0008         2001       603,872,549       604,830,053       1.0016         2002       635,787,764       637,226,675       1.0023         2003       626,211,472       627,447,840       1.0020         2004       659,224,572       662,416,614       1.0048         2005       673,900,625       676,019,965       1.0031         2006       696,787,091       698,975,889       1.0031         2007       732,566,364       735,525,706       1.0040         2008       682,324,564       684,630,494       1.0034         2009       622,483,712       624,868,133       1.0038         2010       638,518,999       641,566,682       1.0048         2011       612,385,769       614,960,325       1.0042         2012       552,393,024       558,488,917 </td
1995       582,152,417       583,494,412       1.0023         1996       476,305,024       477,198,836       1.0019         1997       488,924,933       489,814,050       1.0018         1998       488,846,544       489,278,053       1.0009         1999       553,482,352       554,486,687       1.0018         2000       590,206,947       590,700,193       1.0008         2001       603,872,549       604,830,053       1.0016         2002       635,787,764       637,226,675       1.0023         2003       626,211,472       627,447,840       1.0020         2004       659,224,572       662,416,614       1.0048         2005       673,900,625       676,019,965       1.0031         2006       696,787,091       698,975,889       1.0031         2007       732,566,364       735,525,706       1.0040         2008       682,324,564       684,630,494       1.0034         2009       622,483,712       624,868,133       1.0038         2010       638,518,999       641,566,682       1.0048         2011       612,385,769       614,960,325       1.0042         2012       552,393,024       558,488,917 </td
1995         582,152,417         583,494,412         1.0023           1996         476,305,024         477,198,836         1.0019           1997         488,924,933         489,814,050         1.0018           1998         488,846,544         489,278,053         1.0009           1999         553,482,352         554,486,687         1.0018           2000         590,206,947         590,700,193         1.0008           2001         603,872,549         604,830,053         1.0016           2002         635,787,764         637,226,675         1.0023           2003         626,211,472         627,447,840         1.0020           2004         659,224,572         662,416,614         1.0048           2005         673,900,625         676,019,965         1.0031           2006         696,787,091         698,975,889         1.0031           2007         732,566,364         735,525,706         1.0040           2008         682,324,564         684,630,494         1.0034           2009         622,483,712         624,868,133         1.0038           2010         638,518,999         641,566,682         1.0048           2011         612,385,769         614,
1995         582,152,417         583,494,412         1.0023           1996         476,305,024         477,198,836         1.0019           1997         488,924,933         489,814,050         1.0018           1998         488,846,544         489,278,053         1.0009           1999         553,482,352         554,486,687         1.0018           2000         590,206,947         590,700,193         1.0008           2001         603,872,549         604,830,053         1.0016           2002         635,787,764         637,226,675         1.0023           2003         626,211,472         627,447,840         1.0020           2004         659,224,572         662,416,614         1.0048           2005         673,900,625         676,019,965         1.0031           2006         696,787,091         698,975,889         1.0031           2007         732,566,364         735,525,706         1.0040           2008         682,324,564         684,630,494         1.0034           2009         622,483,712         624,868,133         1.0038           2010         638,518,999         641,566,682         1.0048           2011         612,385,769         614,
1995         582,152,417         583,494,412         1.0023           1996         476,305,024         477,198,836         1.0019           1997         488,924,933         489,814,050         1.0018           1998         488,846,544         489,278,053         1.0009           1999         553,482,352         554,486,687         1.0018           2000         590,206,947         590,700,193         1.0008           2001         603,872,549         604,830,053         1.0016           2002         635,787,764         637,226,675         1.0023           2003         626,211,472         627,447,840         1.0020           2004         659,224,572         662,416,614         1.0048           2005         673,900,625         676,019,965         1.0031           2006         696,787,091         698,975,889         1.0031           2007         732,566,364         735,525,706         1.0040           2008         682,324,564         684,630,494         1.0034           2009         622,483,712         624,868,133         1.0038           2010         638,518,999         641,566,682         1.0048           2011         612,385,769         614,
1995         582,152,417         583,494,412         1.0023           1996         476,305,024         477,198,836         1.0019           1997         488,924,933         489,814,050         1.0018           1998         488,846,544         489,278,053         1.0009           1999         553,482,352         554,486,687         1.0018           2000         590,206,947         590,700,193         1.0008           2001         603,872,549         604,830,053         1.0016           2002         635,787,764         637,226,675         1.0023           2003         626,211,472         627,447,840         1.0020           2004         659,224,572         662,416,614         1.0048           2005         673,900,625         676,019,965         1.0031           2006         696,787,091         698,975,889         1.0031           2007         732,566,364         735,525,706         1.0040           2008         682,324,564         684,630,494         1.0038           2010         638,518,999         641,566,682         1.0048           2011         612,385,769         614,960,325         1.0042           2012         552,393,024         558,
1995         582,152,417         583,494,412         1.0023           1996         476,305,024         477,198,836         1.0019           1997         488,924,933         489,814,050         1.0018           1998         488,846,544         489,278,053         1.0009           1999         553,482,352         554,486,687         1.0018           2000         590,206,947         590,700,193         1.0008           2001         603,872,549         604,830,053         1.0016           2002         635,787,764         637,226,675         1.0023           2003         626,211,472         627,447,840         1.0020           2004         659,224,572         662,416,614         1.0048           2005         673,900,625         676,019,965         1.0031           2006         696,787,091         698,975,889         1.0031           2007         732,566,364         735,525,706         1.0040           2008         682,324,564         684,630,494         1.0034           2009         622,483,712         624,868,133         1.0038           2010         638,518,999         641,566,682         1.0048           2011         612,385,769         614,

### TABLE I - E - REPORTED

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

## MEDICAL PAID LOSSES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	4,200,524,588	4,217,490,642	1.0040
1989	792,318,082	796,067,311	1.0047
1990	813,339,649	816,906,243	1.0044
1991	727,965,553	730,851,343	1.0040
1992	626,933,009	631,343,525	1.0070
1993	479,230,211	481,667,289	1.0051
1994	438,084,504	441,109,272	1.0069
1995	397,364,827	399,851,346	1.0063
1996	386,720,331	389,469,071	1.0071
1997	401,190,638	404,009,279	1.0070
1998	421,287,091	424,065,715	1.0066
1999	447,632,180	451,451,855	1.0085
2000	474,784,069	478,352,905	1.0075
2001	466,602,460	469,641,321	1.0065
2002	516,219,044	522,212,054	1.0116
2003	528,354,582	532,508,602	1.0079
2004	569,382,359	574,248,264	1.0085
2005	586,865,507 506,058,378	591,380,633 601,128,044	1.0077
2006 2007	596,058,378 642,213,879	647,355,070	1.0085 1.0080
2007	583,067,591	587,480,805	1.0060
2009	524,983,208	527,521,934	1.0076
2010	571,442,018	576,791,041	1.0048
2011	568,296,747	572,914,200	1.0094
2012	513,572,085	519,384,430	1.0113
2013	525,890,916	530,652,525	1.0091
2014	533,613,189	539,878,915	1.0117
2015	481,108,480	490,903,853	1.0204
2016	449,653,109	476,836,674	1.0605
2017	399,208,679	493,075,169	1.2351
2018	125,134,296	438,304,866	3.5027
2019	, , , , , , ,	132,369,342	
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
-			
Valued			
Valued Prior	12/31/19	12/31/20	Prior Year
Valued Prior to 1990	<b>12/31/19</b> 4,826,169,963	<b>12/31/20</b> 4,846,721,990	Prior Year 1.0043
Valued Prior to 1990 1990	<b>12/31/19</b> 4,826,169,963 791,856,672	<b>12/31/20</b> 4,846,721,990 794,771,452	1.0043 1.0037
Valued Prior to 1990 1990 1991 1992 1993	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815	1.0043 1.0037 1.0034
Valued Prior to 1990 1990 1991 1992 1993 1994	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359	12/31/20 4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063 1.0051
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003	12/31/20 4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0068
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0060 1.0069
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 577,030,855 589,055,264 602,649,785 646,923,404	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0083 1.0083 1.0068 1.0060 1.0069 1.0067
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0060 1.0069
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0068 1.0069 1.0069
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0037 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0069 1.0069 1.0087 1.0052
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0069 1.0069 1.0087 1.0052 1.0054 1.0071
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0069 1.0069 1.0087 1.0052 1.0054 1.0071 1.0086
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483 517,552,001	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841 522,624,319	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0069 1.0069 1.0087 1.0054 1.0071 1.0086 1.0098
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483 517,552,001 533,537,435	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841 522,624,319 538,784,459	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0068 1.0068 1.0069 1.0069 1.0069 1.0052 1.0054 1.0071 1.0086 1.0098 1.0098
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483 517,552,001 533,537,435 543,825,877	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841 522,624,319 538,784,459 547,543,421	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0068 1.0069 1.0069 1.0069 1.0087 1.0052 1.0054 1.0098 1.0098 1.0098 1.0098
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483 517,552,001 533,537,435 543,825,877 488,592,218 474,589,544 491,431,622	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841 522,624,319 538,784,459 547,543,421 492,663,354 486,633,067 520,693,263	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0068 1.0069 1.0069 1.0069 1.0054 1.0071 1.0086 1.0098 1.0098 1.0098 1.0098 1.0098
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483 517,552,001 533,537,435 543,825,877 488,592,218 474,589,544 491,431,622 439,443,297	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841 522,624,319 538,784,459 547,543,421 492,663,354 486,633,067 520,693,263 527,672,957	1.0043 1.0037 1.0034 1.0052 1.0048 1.0058 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0081 1.0083 1.0068 1.0069 1.0069 1.0069 1.0071 1.0086 1.0098 1.0098 1.0098 1.0098 1.0098 1.0098 1.0098 1.0055 1.2008
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	4,826,169,963 791,856,672 706,215,830 605,115,527 458,256,852 425,265,848 382,560,360 370,981,207 387,529,359 406,484,838 431,079,184 456,639,580 453,546,877 508,666,184 521,791,818 566,166,988 585,517,003 598,532,649 641,366,232 580,241,158 523,917,723 567,688,925 574,936,483 517,552,001 533,537,435 543,825,877 488,592,218 474,589,544 491,431,622	4,846,721,990 794,771,452 708,616,204 608,259,781 460,475,815 428,154,883 383,968,463 373,099,344 389,694,677 409,039,627 433,261,819 458,750,580 455,320,435 512,810,779 526,124,950 570,030,855 589,055,264 602,649,785 646,923,404 583,253,227 526,737,126 571,739,960 579,882,841 522,624,319 538,784,459 547,543,421 492,663,354 486,633,067 520,693,263	1.0043 1.0037 1.0034 1.0052 1.0048 1.0068 1.0057 1.0056 1.0063 1.0051 1.0046 1.0039 1.0083 1.0068 1.0069 1.0069 1.0069 1.0069 1.0069 1.0071 1.0086 1.0098 1.0098 1.0098 1.0098 1.0098 1.0098 1.0098 1.0098

### TABLE I - A - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

### POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

As of

Ratio to

As of

Policy Year

Policy Year	AS OT	AS OT	Ratio to
Valued	12/31/18	12/31/19	Prior Year
Prior			
to 1989	10,481,245,820	10,489,584,427	1.0008
1989	1,815,957,319	1,814,663,491	0.9993
1990	1,861,773,921	1,862,581,493	1.0004
1991	1,653,931,398	1,654,906,187	1.0006
1992	1,424,312,628	1,430,532,412	1.0044
1993	1,187,660,953	1,187,284,708	0.9997
1994	1,111,229,367	1,111,476,422	1.0002
1995	972,550,891	973,029,963	1.0005
1996	891,325,976	888,310,438	0.9966
1997	916,162,562	916,035,505	0.9999
1998	950,856,205	952,312,191	1.0015
1999	1,047,691,729	1,048,232,680	1.0005
2000	1,118,457,087	1,119,907,419	1.0013
2001	1,118,548,241	1,118,992,800	1.0004
2002	1,223,731,180	1,221,819,544	0.9984
2003	1,218,570,902	1,216,953,178	0.9987
2004	1,305,935,646	1,306,198,666	1.0002
2005	1,338,839,518	1,342,224,055	1.0025
2006	1,372,087,968	1,373,290,830	1.0009
2007	1,454,325,104	1,454,605,464	1.0002
2008	1,337,536,708	1,338,014,451	1.0004
		1,200,721,270	
2009	1,199,882,217		1.0007
2010	1,277,315,360	1,279,870,507	1.0020
2011	1,241,152,628	1,245,159,565	1.0032
2012	1,145,825,183	1,156,066,227	1.0089
2013	1,159,095,873	1,154,714,597	0.9962
2014	1,159,770,777	1,158,989,100	0.9993
2015	1,086,758,639	1,098,990,066	1.0113
2016	1,006,005,782	1,053,695,019	1.0474
2017			
	944,563,003	1,105,347,482	1.1702
2018	410,953,413	1,051,188,722	2.5579
2019		416,507,987	
Policy Year	As of	As of	Ratio to
-			
Valued	12/31/19	12/31/20	Prior Year
Valued Prior	12/31/19	12/31/20	
Valued			
Valued Prior	12/31/19	12/31/20	Prior Year
Valued Prior to 1990	<b>12/31/19</b> 11,885,336,507	<b>12/31/20</b> 11,899,994,611	Prior Year 1.0012
Valued Prior to 1990 1990 1991	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322	1.0012 1.0007 0.9998
Valued Prior to 1990 1990 1991 1992	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990	1.0012 1.0007 0.9998 1.0035
Valued Prior to 1990 1990 1991 1992 1993	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214	1.0012 1.0007 0.9998 1.0035 1.0005
Valued Prior to 1990 1990 1991 1992 1993 1994	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	12/31/19 11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0007
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,185,6278,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9992 1.0007 0.9982 1.0027 1.0040 1.0040
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368	12/31/20 11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,185,6278,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9992 1.0007 0.9982 1.0027 1.0040 1.0040
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0040
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,7772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0040 1.0016 1.0000 1.0018
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,7772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0007 1.0040 1.0040 1.0016 1.0000 1.0018 1.0034
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,026,642	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0007 1.0040 1.0040 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,8143,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,026,642 1,154,751,560	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890	1.0012 1.0007 0.9998 1.0005 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0007 1.0040 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011 1.0010
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,284 1,264,069,754 1,243,653,018 1,154,026,642 1,154,751,560 1,171,078,565	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890 1,171,826,685	1.0012 1.0007 0.9998 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011 1.0010 1.0006
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,026,642 1,154,751,560 1,171,078,565 1,093,985,612	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890 1,171,826,685 1,089,587,433	1.0012 1.0007 0.9998 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0016 1.0000 1.0018 1.0004 1.0011 1.0010 1.0006 0.9960
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,751,560 1,171,078,565 1,093,985,612 1,048,294,602	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890 1,171,826,685 1,089,587,433 1,053,867,026	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011 1.0010 1.0006 0.9960 1.0053
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,026,642 1,154,751,560 1,171,078,565 1,093,985,612	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890 1,171,826,685 1,089,587,433	1.0012 1.0007 0.9998 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0016 1.0000 1.0018 1.0004 1.0011 1.0010 1.0006 0.9960
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,751,560 1,171,078,565 1,093,985,612 1,048,294,602	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890 1,171,826,685 1,089,587,433 1,053,867,026	1.0012 1.0007 0.9998 1.0035 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011 1.0010 1.0006 0.9960 1.0053
Valued Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,026,642 1,154,751,560 1,171,078,565 1,093,985,612 1,048,294,602 1,092,264,151	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,334,692 1,155,919,890 1,171,826,685 1,089,587,433 1,053,867,026 1,137,912,939	1.0012 1.0007 0.9998 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011 1.0010 1.0006 0.9960 1.0053 1.0418
Valued  Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	12/31/19  11,885,336,507 1,811,997,950 1,606,203,181 1,374,352,317 1,136,814,379 1,073,413,276 931,876,563 842,598,266 880,567,078 913,058,760 1,000,634,715 1,070,423,996 1,080,197,951 1,189,872,392 1,194,241,423 1,288,365,011 1,333,772,448 1,371,569,368 1,450,417,652 1,327,444,631 1,190,894,928 1,264,069,754 1,243,653,018 1,154,026,642 1,154,751,560 1,171,078,565 1,093,985,612 1,048,294,602 1,092,264,151 1,051,972,907	12/31/20  11,899,994,611 1,813,180,348 1,605,828,322 1,379,120,990 1,137,429,214 1,073,821,659 932,531,063 842,073,604 884,391,020 912,879,178 1,000,930,637 1,073,238,762 1,079,377,190 1,188,625,870 1,195,078,193 1,286,027,975 1,337,344,205 1,377,025,749 1,456,209,372 1,329,556,744 1,190,951,451 1,266,366,877 1,247,899,275 1,155,314,692 1,175,919,890 1,171,826,685 1,089,587,433 1,053,867,026 1,137,912,939 1,198,296,514	1.0012 1.0007 0.9998 1.0005 1.0004 1.0007 0.9994 1.0043 0.9998 1.0003 1.0026 0.9992 0.9990 1.0007 0.9982 1.0027 1.0040 1.0040 1.0016 1.0000 1.0018 1.0034 1.0011 1.0010 1.0006 0.9960 1.0053 1.0418 1.1391

### TABLE I - B - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

### POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### INDEMNITY INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Yea
Prior			
to 1989	7,328,022,613	7,330,112,987	1.0003
1989	1,160,484,070	1,160,217,751	0.9998
1990	1,185,946,769	1,185,020,691	0.9992
1991	1,027,972,122	1,027,504,000	0.9995
1992	871,080,321	873,784,851	1.0031
1993	757,447,734	757,599,518	1.0002
1994	701,242,145	700,530,084	0.9990
1995	596,279,579	596,445,615	1.0003
1996	513,297,680	513,054,683	0.9995
1997	521,920,444	522,470,276	1.0011
1998	522,358,743	522,902,930	1.0011
1999	595,858,929	595,466,700	0.9993
2000			
	632,377,108	632,588,483	1.0003
2001	642,935,177	642,913,117	1.0000
2002	675,946,641	675,522,266	0.9994
2003	660,413,308	658,911,343	0.9977
2004	695,344,714	695,371,586	1.0000
2005	701,179,390	700,395,648	0.9989
2006	722,549,685	723,087,503	1.0007
2007	759,890,057	759,664,929	0.9997
2008	708,954,477	708,143,423	0.9989
2009	644,439,611	645,506,480	1.0017
2010	666,720,638	667,707,858	1.0015
2011	641,244,975	642,784,847	1.0024
2012	587,783,886	590,303,169	1.0043
2013	586,364,999	585,095,892	0.9978
2013		583,671,438	1.0042
	581,248,652		
2015	548,704,313	559,977,690	1.0205
2016	488,542,456	529,212,396	1.0832
2017	394,143,793	530,102,279	1.3449
2018	119,478,699	422,417,885	3.5355
2018 2019	119,478,699	422,417,885 126,048,403	3.5355
	119,478,699  As of 12/31/19		3.5355  Ratio to Prior Yea
2019 Policy Year	As of	126,048,403 <b>As of</b>	Ratio to
2019  Policy Year  Valued	As of	126,048,403 <b>As of</b>	Ratio to
2019  Policy Year  Valued  Prior	As of 12/31/19	126,048,403  As of 12/31/20  8,214,369,116	Ratio to Prior Yea
2019  Policy Year  Valued  Prior  to 1990	As of 12/31/19  8,212,513,082 1,155,803,098	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592	Ratio to Prior Yea  1.0002 1.0001
Policy Year Valued Prior to 1990 1990 1991	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389	Ratio to Prior Yea 1.0002 1.0001 0.9997
2019  Policy Year Valued  Prior to 1990 1990 1991 1992	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007 1.0002
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007 1.0002 1.0004
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007 1.0002 1.0004 1.0002
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007 1.0002 1.0004 1.0002 0.9988
Policy Year Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804	As of 12/31/20 8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007 1.0002 1.0004 1.0002 0.9988 1.0005
Policy Year Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662	As of 12/31/20 8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077	As of 12/31/20 8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216	Ratio to Prior Year 1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487	As of 12/31/20 8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	As of 12/31/19 8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077	As of 12/31/20 8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216	Ratio to Prior Year 1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487	As of 12/31/20 8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664	Ratio to Prior Yea 1.0002 1.0001 0.9997 1.0007 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0007 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320	1.0002 1.0007 1.0007 1.0007 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9998
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011	Ratio to Prior Year  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9988 1.0003
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675	Ratio to Prior Year  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9988 1.0003 1.0011
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378	Ratio to Prior Year  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9988 1.0003 1.0011 1.0019
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871	Ratio to Prior Year 1.0002 1.0001 1.0002 1.0004 1.0005 1.0006 1.0007 1.0002 0.9988 0.9988 0.9988 1.0003 1.0011 1.0019 1.0006
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438	Ratio to Prior Year 1.0002 1.0001 1.0002 1.0004 1.0005 1.0006 1.0007 1.0002 0.9988 1.0005 0.9998 0.9998 0.9998 1.0003 1.0011 1.0019 1.0006 1.0003
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426	Ratio to Prior Year 1.0002 1.0001 0.9997 1.0002 1.0006 1.0007 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9985 0.9988 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009 1.0006
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426	Ratio to Prior Year 1.0002 1.0001 0.9997 1.0002 1.0006 1.0007 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9985 0.9988 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009 1.0006
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,652 5605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578 590,027,632	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856 591,582,572	Ratio to Prior Year  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9988 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009 1.0006 1.0006
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578 590,027,632 592,293,168	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856 591,582,572 592,780,763	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9998 1.0003 1.0011 1.0019 1.0006 1.0006 1.0006 1.0006 1.0006 1.0006 1.0006 1.0006 1.0006
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578 590,027,632 592,293,168 589,122,480	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856 591,582,572 592,780,763 589,833,631	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9998 0.9988 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009 1.0006 1.0006 1.0006 1.0006 1.0008 1.0008
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578 590,027,632 592,293,168 589,122,480 557,637,576 526,768,860	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856 591,582,572 592,780,763 589,833,631 557,562,077 531,551,870	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9988 1.0003 1.0011 1.0019 1.0006 1.0003 1.0001 1.0009 1.0006 1.0003 1.0009 1.0006 1.0008 1.0008
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578 590,027,632 592,293,168 589,122,480 557,637,576 526,768,860 527,260,712	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856 591,582,572 592,780,763 589,833,631 557,562,077 531,551,870 564,388,433	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0006 1.0007 1.0002 0.9998 0.9988 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009 1.0006 1.0006 1.0006 1.0008 1.0012 0.9999 1.0091 1.0704
2019  Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	As of 12/31/19  8,212,513,082 1,155,803,098 999,456,004 840,716,369 727,635,286 676,880,581 571,421,711 485,455,267 502,320,804 501,277,662 567,771,256 605,915,077 620,176,487 657,156,217 647,213,664 686,372,479 697,944,662 723,974,625 761,690,874 705,226,454 643,045,412 663,620,313 639,562,578 590,027,632 592,293,168 589,122,480 557,637,576 526,768,860	126,048,403  As of 12/31/20  8,214,369,116 1,155,941,592 999,109,389 841,312,717 727,764,595 677,120,900 571,550,592 484,875,000 502,559,542 501,588,967 568,167,512 606,061,216 620,064,664 657,035,154 646,250,541 685,548,320 698,159,011 724,743,675 763,127,378 705,628,871 643,208,438 664,238,426 639,956,856 591,582,572 592,780,763 589,833,631 557,562,077 531,551,870	Ratio to Prior Yea  1.0002 1.0001 0.9997 1.0002 1.0004 1.0002 0.9988 1.0005 1.0007 1.0002 0.9998 0.9998 0.9998 1.0003 1.0011 1.0019 1.0006 1.0003 1.0009 1.0006 1.0008 1.0008 1.0012 0.9999 1.0091

### TABLE I - C - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

### POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### MEDICAL INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

As of

Ratio to

As of

Policy Year

Policy Year	AS OT	AS OT	Ratio to
Valued	12/31/18	12/31/19	Prior Year
Prior			
to 1989	3,153,223,207	3,159,471,440	1.0020
1989	655,473,249	654,445,740	0.9984
1990	675,827,151	677,560,802	1.0026
1991	625,959,276	627,402,187	1.0023
1992	553,232,307	556,747,561	1.0064
1993	430,213,219	429,685,191	0.9988
1994	409,987,222	410,946,338	1.0023
1995	376,271,312	376,584,348	1.0008
1996	378,028,296	375,255,756	0.9927
1997	394,242,119	393,565,229	0.9983
1998	428,497,462	429,409,261	1.0021
1999	451,832,800	452,765,979	1.0021
2000	486,079,980	487,318,937	1.0025
2001	475,613,064	476,079,683	1.0010
2002	547,784,540	546,297,278	0.9973
2003	558,157,593	558,041,835	0.9998
2004	610,590,931	610,827,079	1.0004
2005	637,660,128	641,828,407	1.0065
2006	649,538,283	650,203,327	1.0010
	, ,		
2007	694,435,047	694,940,535	1.0007
2008	628,582,231	629,871,028	1.0021
2009	555,442,606	555,214,790	0.9996
2010	610,594,722	612,162,649	1.0026
2011	599,907,653	602,374,718	1.0041
2012	558,041,297	565,763,057	1.0138
2013	572,730,873	569,618,704	0.9946
2014	578,522,126	575,317,663	0.9945
2015	538,054,326	539,012,376	1.0018
2016	517,463,326	524,482,623	1.0136
		575,245,203	
2017	550,419,210		1.0451
2018	291,474,714	628,770,837	2.1572
2019		290,459,584	
Policy Year	As of	As of	Ratio to
Policy Year Valued	As of 12/31/19		Ratio to Prior Year
Policy Year Valued Prior	12/31/19	As of 12/31/20	
Policy Year Valued		As of	
Policy Year Valued Prior	12/31/19	As of 12/31/20	Prior Year
Policy Year Valued Prior to 1990	<b>12/31/19</b> 3,672,823,426	As of 12/31/20 3,685,625,495	Prior Year 1.0035
Policy Year Valued Prior to 1990 1990	<b>12/31/19</b> 3,672,823,426 656,194,852	As of 12/31/20 3,685,625,495 657,238,756	1.0035 1.0016
Policy Year Valued Prior to 1990 1990 1991	<b>12/31/19</b> 3,672,823,426 656,194,852 606,747,177	As of 12/31/20 3,685,625,495 657,238,756 606,718,933	1.0035 1.0016 1.0000 1.0078
Policy Year Valued Prior to 1990 1990 1991 1992 1993	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618	1.0035 1.0016 1.0000 1.0078 1.0012
Policy Year Valued Prior to 1990 1990 1991 1992 1993 1994	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015
Policy Year Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459	As of 12/31/20 3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979
Policy Year Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0005 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0005 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 663,081,995 623,927,873 547,743,014 602,128,451 607,942,419	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0005 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0005 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 663,081,995 623,927,873 547,743,014 602,128,451 607,942,419	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0005 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028
Policy Year Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440 563,999,010	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0005 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440 563,999,010 562,458,392 581,956,086	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120 563,139,127 581,993,054	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028 1.0028 1.0012 1.0001
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440 563,999,010 562,458,392 581,956,086 536,348,036	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120 563,139,127 581,993,054 532,025,356	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028 1.0064 0.9996 1.0012 1.0001 0.9919
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 600,0440 563,999,010 562,458,392 581,956,086 536,348,036 521,525,742	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120 563,139,127 581,993,054 532,025,356 522,315,156	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028 1.0064 0.9996 1.0012 1.0001 0.9919 1.0015
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440 563,999,010 562,458,392 581,956,086 536,348,036 521,525,742 565,003,439	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120 563,139,127 581,993,054 532,025,356 522,315,156 573,524,506	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028 1.0064 0.9996 1.0012 1.0001 0.9919 1.0015
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440 563,999,010 562,458,392 581,956,086 536,348,036 521,525,742 565,003,439 629,622,849	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,770,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120 563,139,127 581,993,054 532,025,356 522,315,156 573,524,506 641,894,512	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0064 0.9996 1.0012 1.0001 0.9919 1.0015 1.0151 1.0155
Policy Year Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	3,672,823,426 656,194,852 606,747,177 533,635,948 409,179,093 396,532,695 360,454,852 357,142,999 378,246,274 411,781,098 432,863,459 464,508,920 460,021,464 532,716,175 547,027,758 601,992,532 635,827,786 647,594,743 688,726,778 622,218,177 547,849,516 600,449,441 604,090,440 563,999,010 562,458,392 581,956,086 536,348,036 521,525,742 565,003,439	As of 12/31/20  3,685,625,495 657,238,756 606,718,933 537,808,272 409,664,618 396,700,759 360,980,472 357,198,604 381,831,478 411,290,211 432,763,125 467,177,546 459,312,526 531,590,716 548,827,651 600,479,655 639,185,194 652,282,075 693,081,995 623,927,873 547,743,014 602,128,451 607,942,419 563,752,120 563,139,127 581,993,054 532,025,356 522,315,156 573,524,506	1.0035 1.0016 1.0000 1.0078 1.0012 1.0004 1.0015 1.0002 1.0095 0.9988 0.9998 1.0057 0.9985 0.9979 1.0033 0.9975 1.0053 1.0072 1.0063 1.0027 0.9998 1.0028 1.0028 1.0064 0.9996 1.0012 1.0001 0.9919 1.0015

### TABLE I - D - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

## POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### INDEMNITY PAID LOSSES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	7,262,865,653	7,273,050,069	1.0014
1989	1,141,404,332	1,143,613,046	1.0019
1990	1,166,544,007	1,169,115,718	1.0022
1991	1,005,390,833	1,008,341,828	1.0029
1992	848,925,743	852,132,566	1.0038
1993	739,647,267	741,874,624	1.0030
1994	681,854,736	684,711,009	1.0042
1995	583,222,008	585,030,275	1.0031
1996	503,058,874	504,387,523	1.0026
1997	515,504,043	516,818,313	1.0025
1998	517,783,883	518,239,397	1.0009
1999	589,378,396	589,974,672	1.0010
2000	625,162,703	626,261,479	1.0018
2001	634,695,621	636,204,044	1.0024
2002	661,086,952	664,223,372	1.0047
2003	645,430,922	647,831,983	1.0037
2004	672,968,654	678,071,444	1.0076
2005	684,331,972	687,641,551	1.0048
2006 2007	703,394,435 738,348,123	706,937,892 742,112,674	1.0050 1.0051
2007	692,529,724	695,968,128	1.0051
2009	629,702,931	633,136,362	1.0050
2010	646,478,103	653,078,091	1.0033
2011	618,645,617	625,559,903	1.0102
2012	553,093,949	561,178,820	1.0146
2013	557,116,492	564,482,823	1.0132
2014	535,606,314	555,411,990	1.0370
2015	485,680,014	519,393,969	1.0694
2016	380,393,900	463,215,020	1.2177
2017	228,374,816	416,012,960	1.8216
2018	42,442,270	240,513,862	5.6668
2019		44,657,772	
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Valued Prior	12/31/19	12/31/20	Prior Year
Valued Prior to 1990	<b>12/31/19</b> 8,140,387,435	<b>12/31/20</b> 8,150,799,258	Prior Year 1.0013
Valued Prior to 1990 1990	<b>12/31/19</b> 8,140,387,435 1,140,152,852	<b>12/31/20</b> 8,150,799,258 1,142,483,634	1.0013 1.0020
Valued Prior to 1990 1990 1991	12/31/19 8,140,387,435 1,140,152,852 980,772,582	8,150,799,258 1,142,483,634 983,358,528	1.0013 1.0020 1.0026
Valued Prior to 1990 1990 1991 1992	8,140,387,435 1,140,152,852 980,772,582 819,474,348	8,150,799,258 1,142,483,634 983,358,528 822,281,386	1.0013 1.0020 1.0026 1.0034
Valued Prior to 1990 1990 1991 1992 1993	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545	1.0013 1.0020 1.0026 1.0034 1.0028
Valued Prior to 1990 1990 1991 1992 1993 1994	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018 1.0009
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018 1.0009 1.0018
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018 1.0009 1.0018 1.0008
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0009 1.0018
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018 1.0009 1.0018 1.0008
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0009 1.0018 1.0008
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0008 1.0016 1.0022 1.0019
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0048
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018 1.0009 1.0018 1.0008 1.0016 1.0002 1.0019 1.0048 1.0031
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0031 1.0040
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521	1.0013 1.0020 1.0026 1.0034 1.0027 1.0022 1.0018 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0031 1.0040 1.0033
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0040 1.0033 1.0038
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0040 1.0033 1.0038 1.0047
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977 560,066,299	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630 570,089,233	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0002 1.0019 1.0048 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112 1.0179
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977 560,066,299 517,330,389	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630 570,089,233 532,417,340	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112 1.0179 1.0292
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977 560,066,299 517,330,389 462,552,064	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630 570,089,233 532,417,340 495,412,445	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0009 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112 1.0179 1.0292 1.0710
Valued Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977 560,066,299 517,330,389 462,552,064 415,326,207	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630 570,089,233 532,417,340 495,412,445 495,681,361	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0008 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112 1.0179 1.0292 1.0710 1.1935
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977 560,066,299 517,330,389 462,552,064 415,326,207 240,848,961	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630 570,089,233 532,417,340 495,412,445 495,681,361 435,897,067	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0008 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112 1.0179 1.0292 1.0710 1.1935 1.8098
Valued Prior to 1990 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	8,140,387,435 1,140,152,852 980,772,582 819,474,348 711,884,675 661,296,639 560,131,507 476,828,691 496,680,622 496,613,966 562,275,870 599,576,870 613,452,650 645,846,707 636,128,782 669,621,258 684,557,162 707,799,270 744,145,326 693,108,591 632,319,578 648,554,372 621,990,090 561,010,900 571,697,977 560,066,299 517,330,389 462,552,064 415,326,207	8,150,799,258 1,142,483,634 983,358,528 822,281,386 713,911,545 663,052,853 561,352,588 477,695,689 497,569,739 497,045,475 563,280,205 600,070,116 614,410,154 647,285,618 637,365,150 672,813,300 686,676,502 709,988,068 747,104,668 695,414,521 634,703,999 651,602,055 624,564,646 567,106,793 578,072,630 570,089,233 532,417,340 495,412,445 495,681,361	1.0013 1.0020 1.0026 1.0034 1.0028 1.0027 1.0022 1.0018 1.0008 1.0018 1.0008 1.0016 1.0022 1.0019 1.0048 1.0031 1.0031 1.0040 1.0033 1.0038 1.0047 1.0041 1.0109 1.0112 1.0179 1.0292 1.0710 1.1935

### TABLE I - E - ADJUSTED TO A POST-HB 1840 & HB 1846 BASIS

### POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

### MEDICAL PAID LOSSES

Policy Year Valued	As of 12/31/18	As of 12/31/19	Ratio to Prior Year
Prior			
to 1989	2,983,701,843	3,000,667,897	1.0057
1989	618,001,992	621,751,221	1.0061
1990	648,647,564	652,214,158	1.0055
1991	595,451,575	598,337,365	1.0048
1992	527,000,645	531,411,161	1.0084
1993	411,512,970	413,950,048	1.0059
1994	385,004,513	388,029,281	1.0079
1995	355,169,903	357,656,422	1.0070
1996	352,250,486	354,999,226	1.0078
1997	371,522,335	374,340,976	1.0076
1998	396,575,448	399,354,072	1.0070
1999	427,751,217	431,570,892	1.0089
2000	460,354,625	463,923,461	1.0078
2001	458,398,441	461,437,302	1.0066
2002	513,615,996	519,609,006	1.0117
2003	531,665,464	535,819,484	1.0078
2004	578,886,943	583,752,848	1.0084
2005	602,024,773	606,539,899	1.0075
2006	615,732,630	620,802,296	1.0082
2007	666,289,841	671,431,032	1.0077
2008	602,890,196	607,303,410	1.0073
2009	527,525,400	530,064,126	1.0048
2010	566,493,943	571,842,966	1.0094
2011	563,439,971	568,057,424	1.0082
2012	509,423,755	515,236,100	1.0114
2013	522,433,302	527,194,911	1.0091
2013	532,564,749	538,830,475	
			1.0118
2015	481,108,480	490,903,853	1.0204
2016	449,653,109	476,836,674	1.0605
2017	399,208,679	493,075,169	1.2351
2018	125,134,296	438,304,866	3.5027
2019		132,369,342	
Policy Year Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Valued	As of 12/31/19	As of 12/31/20	Ratio to Prior Year
Valued Prior	12/31/19	12/31/20	Prior Year
Valued Prior to 1990	<b>12/31/19</b> 3,487,026,680	<b>12/31/20</b> 3,507,578,707	Prior Year 1.0059
Valued Prior to 1990 1990	<b>12/31/19</b> 3,487,026,680 632,214,697	<b>12/31/20</b> 3,507,578,707 635,129,477	1.0059 1.0046
Valued Prior to 1990 1990 1991	12/31/19 3,487,026,680 632,214,697 578,168,629	3,507,578,707 635,129,477 580,569,003	1.0059 1.0046 1.0042
Valued Prior to 1990 1990 1991 1992	3,487,026,680 632,214,697 578,168,629 509,334,668	3,507,578,707 635,129,477 580,569,003 512,478,922	1.0059 1.0046 1.0042 1.0062
Valued Prior to 1990 1990 1991 1992 1993	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829	1.0059 1.0046 1.0042 1.0062 1.0056
Valued Prior to 1990 1990 1991 1992 1993 1994	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077
Valued Prior to 1990 1990 1991 1992 1993 1994 1995	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060
Valued Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0083
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0083
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634	1.0059 1.0046 1.0042 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0084 1.0059 1.0067
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,024 622,239,093 670,776,634 602,831,554 529,261,949	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0084 1.0059 1.0067 1.0084 1.0050 1.0054
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0054 1.0072
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934 570,062,563	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969 575,008,921	1.0059 1.0046 1.0042 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0054 1.0050 1.0054 1.0072 1.0087
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0054 1.0072
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934 570,062,563	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969 575,008,921	1.0059 1.0046 1.0042 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0054 1.0050 1.0054 1.0072 1.0087
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934 570,062,563 513,418,307	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969 575,008,921 518,490,625	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0054 1.0050 1.0054 1.0072 1.0087 1.0099
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934 570,062,563 513,418,307 530,061,024	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969 575,008,921 518,490,625 535,308,048	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0059 1.0067 1.0059 1.0068
Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934 570,062,563 513,418,307 530,061,024 542,769,772 488,592,218	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969 575,008,921 518,490,625 535,308,048 546,487,316 492,663,354	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0059 1.0067 1.0050 1.0054 1.0072 1.0087 1.0099 1.0099 1.0068 1.0083
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Valued  Prior to 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	3,487,026,680 632,214,697 578,168,629 509,334,668 393,830,866 374,092,343 342,190,094 338,147,624 359,071,254 382,797,688 412,095,390 442,865,115 445,624,007 506,130,657 525,036,068 575,537,816 600,525,963 618,121,957 665,219,462 599,819,485 526,442,546 562,818,934 570,062,563 513,418,307 530,061,024 542,769,772 488,592,218 474,589,544 491,431,622	3,507,578,707 635,129,477 580,569,003 512,478,922 396,049,829 376,981,378 343,598,197 340,265,761 361,236,572 385,352,477 414,278,025 444,976,115 447,397,565 510,275,252 529,369,200 579,401,683 604,064,224 622,239,093 670,776,634 602,831,554 529,261,949 566,869,969 575,008,921 518,490,625 535,308,048 546,487,316 492,663,354 486,633,067 520,693,263	1.0059 1.0046 1.0042 1.0062 1.0056 1.0077 1.0041 1.0063 1.0060 1.0067 1.0053 1.0048 1.0040 1.0082 1.0083 1.0067 1.0059 1.0067 1.0059 1.0067 1.0059 1.0068 1.0072 1.0087 1.0099 1.0099 1.0068 1.0083 1.0254 1.0595

### EXHIBIT VII

#### LOSS COST FORMULAE

The experience used for classification relativities for the April 1, 2022 revision will include all available risks. It is proposed that catastrophes be limited in accordance with the procedure previously employed in other Bureau filings. The experience period will be five (5) years for all classifications regardless of whether a classification might meet the full credibility requirements with less than five years of data. Credibility will be based on reported payrolls for classifications using payroll as the exposure base. For non-payroll classifications, expected losses will be used as the basis for credibility. Thus, two credibility tables will be prepared for use in the April 1, 2022 filing. The values for these respective tables will be established such that the credibilities assigned to a payroll-based classification having the same portion of total statewide expected losses and payrolls attributable to its experience using each table would be equal. All occupational disease losses will be included in the exhibit of classification experience, with the total amount of such losses by type of injury being shown on a separate line on the classification loss cost worksheets.

Most classifications are subject to standard procedures as described below. However, circumstances will sometimes require that some classifications' rating procedure be modified to recognize situations where the normal rating process would not be appropriate. Such classifications, and the manner in which their loss costs have been derived, are separately identified within the filing material.

The calculation of classification loss costs will be made using the following procedure:

- (1) Determine the present pure premiums by category (serious, non-serious, medical only and total) for each classification.
- (2) Adjust the present pure premiums by category (serious, non-serious, medical-only and total) to the April 1, 2022 loss cost level.
- (3) Determine Expected Losses (serious, non-serious, medical-only and total) for each classification by multiplying the exposures from the experience period by the present pure premiums.
- (4) Determine the indicated pure premiums (serious, non-serious, medical-only and total) from the exposures and losses from the experience period.
- (5) Test the indicated total pure premiums by multiplying the exposures of the latest two years for each classification and obtaining the total Actual Losses for all classifications combined.
- (6) Calculate Expected Losses by multiplying the present pure premiums by the exposures from the last two years for each classification and by the overall average loss cost change.
- (7) Obtain correction factors by dividing the Expected Losses derived in (6) by the Actual Losses derived in (5).

## LOSS COST FORMULAE (CONTINUED)

- (8) Multiply the indicated (pre-test) pure premiums from (4) times the correction factors derived in (7) to obtain indicated (post-test) pure premiums.
- (9) Determine "formula" pure premiums from (2) and (8) above for each type of loss (serious, non-serious and medical-only), with credibility for each category of loss corresponding to either the amount of reported payroll (for all classifications in which payroll is the exposure base) or to the amount of Expected Losses (for all "non-payroll" classifications). Credibility weights will be taken from exhibits appearing in the Class Book. The complement of credibility is in each case to be assigned to the present loss costs on April 1, 2022 level for each category of loss.
- (10) Select proposed total pure premiums for each classification, using the middle value from the total pure premiums derived in (2), (8) and (9) above. If the proposed pure premium selected on this basis is different from the formula pure premium derived in (9) above, partial pure premiums are to be allocated between categories (serious, non-serious and medical-only) in the same proportion as the partial pure premiums comprising the formula pure premium.
- (11) Test the proposed total pure premiums selected in (10) by multiplying by the exposures of the two latest years for each classification and obtaining the total Expected Losses for all classifications combined.
- (12) Obtain a correction factor by dividing the Expected Losses derived in (6) above by the Expected Losses derived in (11) above.
- (13) Calculate the "composite pure premium multiplier" as the product of the following items:
  - (a) The pure premium correction factor determined in (12) above.
  - (b) The proposed experience rating plan off-balance factor.
- (14) Apply the composite pure premium multiplier obtained in (13) above to the proposed total pure premiums to obtain classification loss costs.
- (15) Test to assure that the maximum departure of the classification loss costs derived in (14) above from current loss costs are in accordance with the following parameters:

Maximum Change in Loss Cost:

Upward: The overall average change plus 25% rounded to the nearest 1%.

Downward: The overall average change minus 25% rounded to the nearest 1%.

- (16) Loss costs are to be rounded to the nearest \$.01.
- (17) Test the limited loss costs derived in (16) above to determine if balance has been achieved within 0.0005 of the indicated change in loss cost level. If such balance has not been achieved, calculate the necessary correction factor to adjust the composite pure premium multipliers derived in (13) above to achieve the necessary balance. Perform steps (14) through (17) iteratively until the desired balance is achieved.

**EXHIBIT VIII** 

## **COLLECTIBLE PREMIUM RATIOS \***

Manual Years 2016 to 2018 Unit Data

			Collectible		
Manual	Premium at	Collected Premium	Premium		
Year	Manual Rates	(Excluding Constants)	Ratio (2)/(3)		
(1)	(2)	(3)	(4)		
	AL	L INDUSTRIES			
2016	2,662,330,621	2,604,554,972	2,604,554,972 1.0222		
2017	2,696,125,753	2,617,725,905	1.0299		
2018	2,950,761,183	2,841,818,076	1.0383		
TOTAL	8,309,217,557	8,064,098,953	1.0304		
	MANUFAC <sup>*</sup>	TURING AND UTILITIES			
2016	530,157,851	512,820,438	1.0338		
2017	525,664,064	508,825,513	1.0331		
2018	569,547,239	550,830,179	1.0340		
TOTAL	1,625,369,154	1,572,476,130	1.0336		
	CONTRAC	TING AND QUARRYING			
2016	517,894,278	460,868,168	1.1237		
2017	545,851,412	481,586,607	1.1334		
2018	620,190,610	541,166,112	1.1460		
TOTAL	1,683,936,300	1,483,620,887	1.1350		
	OTH	IER INDUSTRIES			
2016	1,614,278,492	1,630,866,366	0.9898		
2017	1,624,610,277	1,627,313,785	0.9983		
2018	1,761,023,334	1,749,821,785	1.0064		
TOTAL	4,999,912,103	5,008,001,936	0.9984		

<sup>\*</sup> Excludes classifications and coverages not subject to experience rating.

<u>EXHIBIT IX</u>

CALCULATION OF EXPECTED LOSS COST FACTORS (a)

Policy Year Beginning 4/1 (1)	HB 1846 Adjustment Factor (2)	Protz & HB 1840 Adjustment Factor (3)	Loss Ratio Development Factor (4)	Collectible Premium Ratio (5)	Trend Factor (6)	Product (2) * (3) * (4) * (5) * (6) (7)	Expected Loss Cost Factor 1.0 / (7)	
Manufacturing and Hillitia								
Manufacturing and Utilities								
2018	1.0000	1.0003	1.0980	1.0336	0.8383	0.9516	1.0509	
2019	1.0000	1.0000	1.1613	1.0336	0.8760	1.0515	0.9510	
2020	1.0000	1.0000	1.3877	1.0336	0.9154	1.3130	0.7616	
Contracting and Quarrying								
2018	1.0000	1.0003	1.1436	1.1350	0.8383	1.0884	0.9188	
2019	1.0000	1.0000	1.1912	1.1350	0.8760	1.1844	0.8443	
2020	1.0000	1.0000	1.4320	1.1350	0.9154	1.4878	0.6721	
Other Industries								
2018	1.0000	1.0003	1.0855	0.9984	0.8383	0.9088	1.1004	
2019	1.0000	1.0000	1.1623	0.9984	0.8760	1.0165	0.9838	
2020	1.0000	1.0000	1.4032	0.9984	0.9154	1.2824	0.7798	

a Apply to pure Loss Costs (pre-LBA, Merit Rating Plan, PCCPAP and Certified Safety Committee adjustments).

#### **EXHIBIT X**

## **RETROSPECTIVE DEVELOPMENT FACTORS \***

Retrospective development factors for first, second and third adjustments are calculated below. They are intended for application to retrospective plans with no loss limitation.

First Adjustment	RDF =	0.2535
Second Adjustment	RDF =	0.1302
Third Adjustment	RDF =	0.0837

For those companies using retrospective development factors with loss limitations, the following formula may be used:

$$RDF(LIM) = (1.0 - ELF) \times RDF$$

RDF(LIM) = Retrospective Development Factors at limited basis ELF = Excess Loss Factors for given Hazard Group and Loss Limitation RDF = Retrospective Development Factors without Loss Limitation

For Example:

<sup>\*</sup> The use of retrospective development factors is optional.