PENNSYLVANIA COMPENSATION RATING BUREAU

Summary of Material for Modification of Experience January 1, 2019 Loss Cost Revision

As Filed

PENNSYLVANIA LOSS COST FILING

EFFECTIVE DATE - January 1, 2019

INDEX

PART I - INDICATED LOSS COST CHANGE

<u>Exhibit</u>	Description	Page
I	Indicated Change in Loss Cost Level	1
II	Employer Assessment Factor and Loss Assessment Load	2
111	Policy Year Ratios of Losses to Expected Losses	3
IV	Policy Year Premium On-Level Factors	13
V	Policy Year Development Factors	15
VI	Determination of Trend Factors	18
<u>Table</u>	Description	
I	Policy Year Data From Supplemental Call - Accumulated Standard Earned Premium	20
I-A	Adjusted Policy Year Data From Supplemental Call - Total Incurred Losses *	21
I-B	Adjusted Policy Year Data From Supplemental Call - Indemnity Incurred Losses *	22
I-C	Adjusted Policy Year Data From Supplemental Call - Medical Incurred Losses *	23
I-D	Adjusted Policy Year Data From Supplemental Call - Indemnity Paid Losses	24
I-E	Adjusted Policy Year Data From Supplemental Call - Medical Paid Losses	25
	* Incurred Losses exclude IBNR and Bulk Reserves. Note: Table I reflects the adjustment of reported data to a Post-Act 44 and 57 basis and a Pre-HB 1846 basis.	

PART II - CLASSIFICATION RELATIVITY

<mark>Exhibit</mark> VII	Description Loss Cost Formulae	26
<u>PART III - EXF</u>	ERIENCE RATING PLAN	
Exhibit VIII IX X	Description Collectible Premium Ratios Expected Loss Cost Factors Retrospective Development Factors	28 29 30

<u>EXHIBIT I</u>

INDICATED CHANGE IN LOSS COSTS

		Indemnity	<u>Medical</u>	<u>Total</u>
(1)	Policy Year 2013 Ratio of Loss to Expected Loss	0.4877	0.5325	1.0202
(2)	Policy Year 2014 Ratio of Loss to Expected Loss	0.4632	0.5158	0.9790
(3)	Policy Year 2015 Ratio of Loss to Expected Loss	0.4457	0.4599	0.9056
(4)	Average (Midpoint = 1/1/2015)	0.4655	0.5027	0.9682
(5)	Policy Year 2013 Ratio Trended to 8/15/2019 +	0.4063	0.4664	0.8727
(6)	Policy Year 2014 Ratio Trended to 8/15/2019 +	0.3986	0.4618	0.8604
(7)	Policy Year 2015 Ratio Trended to 8/15/2019 +	0.3962	0.4217	0.8179
(8)	Average at 8/15/2019	0.4004	0.4500	0.8504
(9a)	House Bill 1846 Adjustment	1.0000	0.9908	
(9b)	Protz Adjustment	1.1337	1.0000	
(10)	Indicated Change in Loss Costs	0.4539	0.4459	0.8998 -10.02%

CHANGES IN MANUAL LOSS COST LEVEL BY INDUSTRY GROUP

		<u>Mfg.</u>	<u>Cont.</u>	<u>Other</u>	<u>Total</u>
(11) (12)	Current Collectible Premium Ratio Anticipated Collectible Premium Ratio	1.0389 1.0389	1.1238 1.1238	0.9931 0.9931	
(13)	Final Indicated Change in Manual Loss Cost Level (10T) * (12) / (11)	0.8998	0.8998	0.8998	0.8998

+ Refer to pages 18 and 19

<u>EXHIBIT II</u>

CALCULATION OF EMPLOYER ASSESSMENT FACTOR AND LOADING FOR LOSS BASED ASSESSMENTS

(1)	2016 PCRB Member Paid Loss*	2,399,639,002
(2)	2017/2018 Fiscal Year Membership Assessment Amount	
	 a. Administration Fund b. Subsequent Injury Fund c. Supersedeas Fund d. Uninsured Employers Guaranty Fund e. Total 	62,001,117 143,103 12,985,783 2,422,583 77,552,586
(3)	2016 Employer Assessment Premium Base	3,559,252,270
(4)	2017/2018 Fiscal Year Membership Assessment Rate	
	 a. Administration Fund (2a) / (3) b. Subsequent Injury Fund (2b) / (3) c. Supersedeas Fund (2c) / (3) d. Uninsured Employers Guaranty Fund (2d) / (3) e. Employer Assessment Factor (4a) + (4b) + (4c) + (4d) 	0.0174 0.0000 0.0036 0.0007 0.0217
(5)	2017/2018 Fiscal Year Budget for the Office of Small Business Advocate	275,000
(6)	2017/2018 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	0.0106
(9)	Overall Adjustment for the Office of Small Business Advocate, Merit Rating Plan and Certified Safety Committee Program (6) + (7) + (8)	0.0139

* Loss payments on deductible policies have been adjusted to a first dollar basis.

<u>EXHIBIT III - 1</u>

POLICY YEAR LOSS RATIO 2015

(1)	Standard Earned Premium Reported (Table I)			1,503,595,937
(2)	Premium Development Factor to Ultimate Level (Exhibit	bit V-1)		1.0086
(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)		1,505,590,095
(7)	Loss Cost Change to 04/1/18 Level			0.9732
(8)	Expected Loss at Current Level (6) * (7)			1,465,240,280
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	221,197,012	367,913,374	589,110,386
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	3.2279	1.9387	
(11)	Ultimate Incurred Losses (9) * (10)	714,001,835	713,273,658	1,427,275,493
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	714,001,835	713,273,658	1,427,275,493
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.4873	0.4868	0.9741
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	373,424,707	519,803,103	893,227,810
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.5853	1.2204	
(17)	Ultimate Incurred Losses (15) * (16)	591,990,188	634,367,707	1,226,357,895
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	591,990,188	634,367,707	1,226,357,895
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.4040	0.4329	0.8369
	es - Average of Incurred and Paid-to-29th Method			
L0330				
	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	652,996,012	673,820,683	1,326,816,695
		652,996,012 0.4457	673,820,683 0.4599	1,326,816,695 0.9056
(21)	Policy Year Ratio of Losses to			

EXHIBIT III - 2

POLICY YEAR LOSS RATIO 2014

(1)	Standard Earned Premium Reported (Table I)			1,514,185,475
(2)	Premium Development Factor to Ultimate Level (Exhibi	t 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)		1,502,082,861
(7)	Loss Cost Change to 04/1/18 Level			0.9176
(8)	Expected Loss at Current Level (6) * (7)			1,378,311,233
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	396,818,028	498,912,493	895,730,521
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.7028	1.5472	
(11)	Ultimate Incurred Losses (9) * (10)	675,701,738	771,917,409	1,447,619,147
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	675,701,738	771,917,409	1,447,619,147
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.4902	0.5600	1.0502
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	518,849,297	574,201,260	1,093,050,557
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.1588	1.1318	
(17)	Ultimate Incurred Losses (15) * (16)	601,242,565	649,880,986	1,251,123,551
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	601,242,565	649,880,986	1,251,123,551
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.4362	0.4715	0.9077
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	638,472,152	710,899,198	1,349,371,350
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.4632	0.5158	0.9790
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.5843	0.5843	
(24)	Severity Ratio * (22) / (23)	0.7927	0.8828	1.6755

EXHIBIT III - 3

POLICY YEAR LOSS RATIO 2013

(1)	Standard Earned Premium Reported (Table I)			1,514,143,045
(2)	Premium Development Factor to Ultimate Level (Exhibi	t V-1)		0.9999
(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)		1,501,730,585
(7)	Loss Cost Change to 04/1/18 Level			0.8740
(8)	Expected Loss at Current Level (6) * (7)			1,312,512,531
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	495,922,555	513,348,455	1,009,271,010
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.3536	1.4426	
(11)	Ultimate Incurred Losses (9) * (10)	671,280,770	740,556,481	1,411,837,251
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	671,280,770	740,556,481	1,411,837,251
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5114	0.5642	1.0756
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	578,855,679	593,518,434	1,172,374,113
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0519	1.1074	
(17)	Ultimate Incurred Losses (15) * (16)	608,898,289	657,262,314	1,266,160,603
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	608,898,289	657,262,314	1,266,160,603
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.4639	0.5008	0.9647
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	640,089,530	698,909,398	1,338,998,928
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.4877	0.5325	1.0202
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.6379	0.6379	
(24)	Severity Ratio * (22) / (23)	0.7645	0.8347	1.5992

<u>EXHIBIT III - 4</u>

POLICY YEAR LOSS RATIO 2012

(1)	Standard Earned Premium Reported (Table I)			1,551,363,145
(2)	Premium Development Factor to Ultimate Level (Exhibit	t V-1)		1.0001
(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)		1,539,734,283
(7)	Loss Cost Change to 04/1/18 Level			0.8343
(8)	Expected Loss at Current Level (6) * (7)			1,284,600,312
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	513,335,088	503,768,010	1,017,103,098
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.2315	1.3934	
(11)	Ultimate Incurred Losses (9) * (10)	632,172,161	701,950,345	1,334,122,506
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	632,172,161	701,950,345	1,334,122,506
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.4921	0.5464	1.0385
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	573,290,625	548,574,984	1,121,865,609
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0226	1.1090	
(17)	Ultimate Incurred Losses (15) * (16)	586,246,993	608,369,657	1,194,616,650
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	586,246,993	608,369,657	1,194,616,650
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.4564	0.4736	0.9300
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	609,209,577	655,160,001	1,264,369,578
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.4742	0.5100	0.9842
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.6525	0.6525	
(24)	Severity Ratio * (22) / (23)	0.7267	0.7816	1.5083

EXHIBIT III - 5

POLICY YEAR LOSS RATIO 2011

(1)	Standard Earned Premium Reported (Table I)			1,654,496,659
(2)	Premium Development Factor to Ultimate Level (Exhib	it V-1)		1.0002
(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)		1,641,293,286
(7)	Loss Cost Change to 04/1/18 Level			0.8036
(8)	Expected Loss at Current Level (6) * (7)			1,318,943,285
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	589,959,625	564,792,909	1,154,752,534
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.1793	1.3679	
(11)	Ultimate Incurred Losses (9) * (10)	695,739,386	772,580,220	1,468,319,606
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	695,739,386	772,580,220	1,468,319,606
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5275	0.5858	1.1133
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	630,564,859	608,007,804	1,238,572,663
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0171	1.1011	
(17)	Ultimate Incurred Losses (15) * (16)	641,347,518	669,477,393	1,310,824,911
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	641,347,518	669,477,393	1,310,824,911
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.4863	0.5076	0.9939
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	668,543,452	721,028,807	1,389,572,259
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5069	0.5467	1.0536
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.6976	0.6976	
(24)	Severity Ratio * (22) / (23)	0.7267	0.7837	1.5104

<u>EXHIBIT III - 6</u>

POLICY YEAR LOSS RATIO 2010

(1)	Standard Earned Premium Reported (Table I)			1,604,539,407
(2)	Premium Development Factor to Ultimate Level (Exhibit	it V-1)		1.0003
(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)		1,591,093,121
(7)	Loss Cost Change to 04/1/18 Level			0.8101
(8)	Expected Loss at Current Level (6) * (7)			1,288,944,537
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	623,059,411	561,770,641	1,184,830,052
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.1439	1.3463	
(11)	Ultimate Incurred Losses (9) * (10)	712,717,660	756,311,814	1,469,029,474
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	712,717,660	756,311,814	1,469,029,474
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5529	0.5868	1.1397
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	653,954,661	616,668,829	1,270,623,490
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0120	1.1024	
(17)	Ultimate Incurred Losses (15) * (16)	661,802,117	679,815,717	1,341,617,834
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	661,802,117	679,815,717	1,341,617,834
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.5134	0.5274	1.0408
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	687,259,889	718,063,766	1,405,323,655
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5332	0.5571	1.0903
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.7443	0.7443	
(24)	Severity Ratio * (22) / (23)	0.7164	0.7485	1.4649

<u>EXHIBIT III - 7</u>

POLICY YEAR LOSS RATIO 2009

(1)	Standard Earned Premium Reported (Table I)			1,535,797,227
(2)	Premium Development Factor to Ultimate Level (Exhibi	t V-1)		1.0000
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			0.9987
(5)	Factor to Remove Loss Based Assessments			0.9859
(6)	Standard Earned Premium on Level (1) $*$ (2) $*$ (3) $*$ (4)	* (5)		1,512,174,101
(7)	Loss Cost Change to 04/1/18 Level			0.8065
(8)	Expected Loss at Current Level (6) * (7)			1,219,568,412
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	609,860,913	518,873,677	1,128,734,590
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.1244	1.3288	
(11)	Ultimate Incurred Losses (9) * (10)	685,727,611	689,479,342	1,375,206,953
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	685,727,611	689,479,342	1,375,206,953
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5623	0.5653	1.1276
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	632,299,926	558,463,603	1,190,763,529
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0075	1.0893	
(17)	Ultimate Incurred Losses (15) * (16)	637,042,175	608,334,403	1,245,376,578
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	637,042,175	608,334,403	1,245,376,578
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.5224	0.4988	1.0212
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	661,384,893	648,906,873	1,310,291,766
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5423	0.5321	1.0744
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.7550	0.7550	
(24)	Severity Ratio * (22) / (23)	0.7182	0.7047	1.4229

<u>EXHIBIT III - 8</u>

POLICY YEAR LOSS RATIO 2008

(1)	Standard Earned Premium Reported (Table I)			1,730,663,625
(2)	Premium Development Factor to Ultimate Level (Exhibit	it V-1)		1.0000
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			0.9989
(5)	Factor to Remove Loss Based Assessments			0.9862
(6)	Standard Earned Premium on Level (1) * (2) * (3) * (4)	* (5)		1,704,903,008
(7)	Loss Cost Change to 04/1/18 Level			0.7614
(8)	Expected Loss at Current Level (6) * (7)		1,298,113,150	
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	673,920,827	574,583,955	1,248,504,782
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.1104	1.3120	
(11)	Ultimate Incurred Losses (9) * (10)	748,321,686	753,854,149	1,502,175,835
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	748,321,686	753,854,149	1,502,175,835
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5765	0.5807	1.1572
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	699,819,966	610,344,739	1,310,164,705
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0074	1.0905	
(17)	Ultimate Incurred Losses (15) * (16)	704,998,634	665,580,938	1,370,579,572
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	704,998,634	665,580,938	1,370,579,572
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.5431	0.5127	1.0558
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	726,660,160	709,717,544	1,436,377,704
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5598	0.5467	1.1065
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.7799	0.7799	
(24)	Severity Ratio * (22) / (23)	0.7178	0.7010	1.4188

<u>EXHIBIT III - 9</u>

POLICY YEAR LOSS RATIO 2007

(1)	Standard Earned Premium Reported (Table I)			1,884,559,925
(2)	Premium Development Factor to Ultimate Level (Exhibit	t V-1)		1.0000
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor			1.0013
(5)	Factor to Remove Loss Based Assessments		0.9873	
(6)	Standard Earned Premium on Level (1) $*$ (2) $*$ (3) $*$ (4)	* (5)		1,863,044,828
(7)	Loss Cost Change to 04/1/18 Level			0.7151
(8)	Expected Loss at Current Level (6) * (7)		1,332,263,357	
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	723,921,319	636,175,057	1,360,096,376
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0975	1.2929	
(11)	Ultimate Incurred Losses (9) * (10)	794,503,648	822,510,731	1,617,014,379
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	794,503,648	822,510,731	1,617,014,379
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5964	0.6174	1.2138
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	751,331,890	674,222,528	1,425,554,418
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0073	1.0835	
(17)	Ultimate Incurred Losses (15) * (16)	756,816,613	730,520,109	1,487,336,722
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	756,816,613	730,520,109	1,487,336,722
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.5681	0.5483	1.1164
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	775,660,131	776,515,420	1,552,175,551
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5822	0.5829	1.1651
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.8434	0.8434	
(24)	Severity Ratio * (22) / (23)	0.6903	0.6911	1.3814

EXHIBIT III - 10

POLICY YEAR LOSS RATIO 2006

(1)	Standard Earned Premium Reported (Table I)			1,833,992,300
(2)	Premium Development Factor to Ultimate Level (Exhibit	t V-1)		1.0000
(3)	Expense Constant Removal Factor			1.0000
(4)	PCCPAP On-Level Factor	1.0019		
(5)	Factor to Remove Loss Based Assessments		0.9897	
(6)	Standard Earned Premium on Level (1) $*$ (2) $*$ (3) $*$ (4)	* (5)		1,818,550,873
(7)	Loss Cost Change to 04/1/18 Level			0.7085
(8)	Expected Loss at Current Level (6) * (7)		1,288,443,294	
Losse	es - Paid-to-29th Method	Indemnity	Medical	Total
(9)	Paid Losses Reported (Table I-D & I-E)	695,771,838	592,590,732	1,288,362,570
(10)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0882	1.2744	
(11)	Ultimate Incurred Losses (9) * (10)	757,138,914	755,197,629	1,512,336,543
(12)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(13)	Adjusted Losses (11) * (12)	757,138,914	755,197,629	1,512,336,543
(14)	Policy Year Ratio of Losses to Expected Losses (13) / (8)	0.5876	0.5861	1.1737
Losse	es - Incurred Method			
(15)	Incurred Losses Reported (Table I-B & I-C)	722,529,364	633,075,956	1,355,605,320
(16)	Loss Development Factor to Ultimate Valuation (Exhibit V-2 & V-3)	1.0055	1.0796	
(17)	Ultimate Incurred Losses (15) * (16)	726,503,276	683,468,802	1,409,972,078
(18)	Adjustment to Post-Act 44 Loss Levels	1.0000	1.0000	
(19)	Adjusted Losses (17) * (18)	726,503,276	683,468,802	1,409,972,078
(20)	Policy Year Ratio of Losses to Expected Losses (19) / (8)	0.5639	0.5305	1.0944
Losse	es - Average of Incurred and Paid-to-29th Method			
(21)	Adjusted Ultimate Incurred Losses ((13) + (19)) / 2	741,821,095	719,333,216	1,461,154,311
(22)	Policy Year Ratio of Losses to Expected Losses (21) / (8)	0.5757	0.5583	1.1340
(23)	Normalized Claim Frequency (Exhibit VI-2)	0.8953	0.8953	
(24)	Severity Ratio * (22) / (23)	0.6430	0.6236	1.2666

EXHIBIT IV - 1

POLICY YEARS 2006 - 2011 PREMIUM ON-LEVEL FACTORS

	(1)	(2)	(3) CUM.	(4) PORTION	(5)	FACTOR TO ADJUST
POLICY	LOSS COST	LOSS COST	INDEX OF	OF YEAR	PRODUCT	to 04/01/18
YEAR	DATE	CHANGE	COL (2)	ON-LEVEL	(3) * (4)	LC LEVEL
2006	4/01/05	BASE	1.0000	0.3203	0.3203	
	4/01/06	0.9142	0.9142	0.6797	0.6214	
	4/01/07	0.7298	0.6672			
	to 04/01/18			1.0000	0.9417	0.7085
2007	4/01/06	BASE	1.0000	0.3043	0.3043	
	4/01/07	1.0295	1.0295	0.6957	0.7162	
	4/01/08	0.7089	0.7298			
	to 04/01/18			1.0000	1.0205	0.7151
0000	4/04/07		4 0000	0.0000	0.0000	
2008	4/01/07	BASE	1.0000	0.3260	0.3260	
	4/01/08 4/01/09	0.8978	0.8978	0.6740	0.6051	
	to 04/01/18	0.7896	0.7089	1.0000	0.9311	0.7614
	10 04/01/18			1.0000	0.9311	0.7014
2009	4/01/08	BASE	1.0000	0.3039	0.3039	
	4/01/09	0.9700	0.9700	0.6961	0.6752	
	4/01/10	0.8140	0.7896			
	to 04/01/18			1.0000	0.9791	0.8065
2010	4/01/09	BASE	1.0000	0.2929	0.2929	
	4/01/10	1.0068	1.0068	0.7071	0.7119	
	4/01/11	0.8085	0.8140			
	to 04/01/18			1.0000	1.0048	0.8101
2011	4/01/10	BASE	1.0000	0.2925	0.2925	
2011	4/01/10	1.0087	1.0087	0.2925	0.2925	
	4/01/12	0.8016	0.8086			
	to 04/01/18	0.0010	0.0000	1.0000	1.0062	0.8036

EXHIBIT IV - 2

POLICY YEARS 2012 - 2016 PREMIUM ON-LEVEL FACTORS

	(1)	(2)	(3) CUM.	(4) PORTION	(5)	FACTOR TO ADJUST
POLICY	LOSS COST	LOSS COST	INDEX OF	OF YEAR	PRODUCT	to 04/01/18
YEAR	DATE	CHANGE	COL (2)	ON-LEVEL	(3) * (4)	LC LEVEL
<u> </u>			002(2)			
2012	4/01/11	BASE	1.0000	0.3077	0.3077	
	4/01/12	0.9434	0.9434	0.6923	0.6531	
	4/01/13	0.8497	0.8016			
	to 04/01/18			1.0000	0.9608	0.8343
2013	4/01/12	BASE	1.0000	0.3067	0.3067	
	4/01/13	0.9599	0.9599	0.6933	0.6655	
	4/01/14	0.8852	0.8497			
	to 04/01/18			1.0000	0.9722	0.8740
2014	4/01/13	BASE	1.0000	0.3123	0.3123	
2011	4/01/14	0.9485	0.9485	0.6877	0.6523	
	4/01/15	0.9332	0.8851			
	to 04/01/18			1.0000	0.9646	0.9176
2015	4/01/14	BASE	1.0000	0.3143	0.3143	
2015	4/01/14	0.9401	0.9401	0.6857	0.6446	
	4/01/16	0.9927	0.9332	0.0007	0.0440	
	to 04/01/18	0.9927	0.9332	1.0000	0.9589	0.9732
	10 0 4/0 1/10			1.0000	0.0000	0.0702
2016	4/01/15	BASE	1.0000	0.3029	0.3029	
	4/01/16	0.9910	0.9910	0.6971	0.6908	
	4/01/17	1.0017	0.9927			
	to 04/01/18			1.0000	0.9937	0.9990

EXHIBIT V - 1

DEVELOPMENT FACTORS

PREMIUM

Reports <u>in Ratio</u>	Policy <u>Year</u>	2015-2016 <u>Ratio</u>	Policy <u>Year</u>	2014-2015 <u>Ratio</u>	Policy <u>Year</u>	2013-2014 <u>Ratio</u>	Policy <u>Year</u>	2012-2013 <u>Ratio</u>	Unweighted <u>Average</u>	Selected <u>Average</u>	Cumulative Average
2nd to 1st	2014	1.0087	2013	1.0099	2012	1.0073	2011	1.0094	1.0088	1.0088	1.0086
3rd to 2nd	2013	1.0011	2012	0.9994	2011	1.0003	2010	0.9987	0.9999	0.9999	0.9998
4th to 3rd	2012	0.9995	2011	1.0002	2010	1.0002	2009	0.9992	0.9998	0.9998	0.9999
5th to 4th	2011	0.9998	2010	1.0001	2009	0.9997	2008	1.0001	0.9999	0.9999	1.0001
6th to 5th	2010	1.0003	2009	0.9997	2008	0.9997	2007	1.0000	0.9999	0.9999	1.0002
7th to 6th	2009	1.0011	2008	1.0000	2007	0.9999	2006	1.0000	1.0003	1.0003	1.0003
8th to 7th	2008	0.9999	2007	1.0000	2006	1.0000	2005	1.0000	1.0000	1.0000	1.0000
9th to 8th	2007	1.0002	2006	1.0000	2005	1.0000	2004	0.9999	1.0000	1.0000	1.0000
10th to 9th	2006	1.0000	2005	1.0000	2004	1.0000	2003	1.0000	1.0000	1.0000	1.0000
11th to 10th	2005	1.0000	2004	1.0000	2003	0.9999	2002	1.0000	1.0000	1.0000	1.0000
12th to 11th	2004	1.0000	2003	1.0001	2002	1.0000	2001	0.9999	1.0000	1.0000	1.0000
13th to 12th	2003	1.0000	2002	1.0000	2001	1.0000	2000	1.0001	1.0000	1.0000	1.0000
14th to 13th	2002	1.0000	2001	1.0000	2000	1.0001	1999	1.0000	1.0000	1.0000	1.0000
15th to 14th	2001	1.0000	2000	1.0000	1999	1.0000	1998	1.0000	1.0000	1.0000	1.0000
16th to 15th	2000	1.0000	1999	1.0000	1998	1.0000	1997	1.0000	1.0000	1.0000	1.0000
17th to 16th	1999	0.9999	1998	1.0000	1997	1.0000	1996	1.0000	1.0000	1.0000	1.0000
18th to 17th	1998	1.0000	1997	1.0000	1996	1.0000	1995	1.0000	1.0000	1.0000	1.0000
19th to 18th	1997	0.9999	1996	1.0001	1995	1.0000	1994	1.0000	1.0000	1.0000	1.0000
20th to 19th	1996	1.0000	1995	1.0000	1994	1.0000	1993	1.0000	1.0000	1.0000	1.0000
21st to 20th	1995	1.0000	1994	1.0000	1993	1.0000	1992	1.0000	1.0000	1.0000	1.0000
22nd to 21st	1994	1.0002	1993	1.0000	1992	1.0000	1991	1.0000	1.0001	1.0000	1.0000
23rd to 22nd	1993	1.0000	1992	1.0000	1991	1.0000	1990	1.0000	1.0000	1.0000	1.0000
24th to 23rd	1992	1.0000	1991	1.0000	1990	1.0000	1989	1.0000	1.0000	1.0000	1.0000
25th to 24th	1991	1.0000	1990	1.0000	1989	1.0000	1988	1.0000	1.0000	1.0000	1.0000
26th to 25th	1990	1.0000	1989	1.0000	1988	1.0000	1987	1.0000	1.0000	1.0000	1.0000
27th to 26th	1989	1.0000	1988	1.0000	1987	1.0001	1986	1.0000	1.0000	1.0000	1.0000
28th to 27th	1988	1.0000	1987	1.0000	1986	1.0000				1.0000	1.0000
29th to 28th	1987	1.0000	1986	1.0000						1.0000	1.0000

Policy	Present	Premium
Year	Valuation	Development Factor
1988	Twenty-Eighth	1.0000
1989	Twenty-Seventh	1.0000
1990	Twenty-Sixth	1.0000
1991	Twenty-Fifth	1.0000
1992	Twenty-Fourth	1.0000
1993	Twenty-Third	1.0000
1994	Twenty-Second	1.0000
1995	Twenty-First	1.0000
1996	Twentieth	1.0000
1997	Nineteenth	1.0000
1998	Eighteenth	1.0000
1999	Seventeenth	1.0000
2000	Sixteenth	1.0000
2001	Fifteenth	1.0000
2002	Fourteenth	1.0000
2003	Thirteenth	1.0000
2004	Twelfth	1.0000
2005	Eleventh	1.0000
2006	Tenth	1.0000
2007	Ninth	1.0000
2008	Eighth	1.0000
2009	Seventh	1.0000
2010	Sixth	1.0003
2011	Fifth	1.0002
2012	Fourth	1.0001
2013	Third	0.9999
2014	Second	0.9998
2015	First	1.0086

EXHIBIT V - 2

DEVELOPMENT FACTORS

INDEMNITY LOSSES PAID METHOD

Reports <u>in Ratio</u>		Policy <u>Year</u>	2015-2016 <u>Ratio</u>	Policy <u>Year</u>	2014-2015 <u>Ratio</u>	Unweighted Average	Cumulative Average
2nd to 1st	а	2014	1.8720	2013	1.9193	1.8957	3.2279
3rd to 2nd	а	2013	1.2554	2012	1.2606	1.2580	1.7028
4th to 3rd	а	2012	1.0970	2011	1.1011	1.0991	1.3536
5th to 4th	а	2011	1.0392	2010	1.0493	1.0443	1.2315
6th to 5th	а	2010	1.0262	2009	1.0356	1.0309	1.1793
7th to 6th	а	2009	1.0217	2008	1.0131	1.0174	1.1439
8th to 7th	а	2008	1.0107	2007	1.0144	1.0126	1.1244
9th to 8th	а	2007	1.0102	2006	1.0131	1.0117	1.1104
10th to 9th	а	2006	1.0088	2005	1.0083	1.0086	1.0975
11th to 10th	а	2005	1.0077	2004	1.0094	1.0086	1.0882
12th to 11th	а	2004	1.0064	2003	1.0071	1.0068	1.0789
13th to 12th	а	2003	1.0044	2002	1.0054	1.0049	1.0716
14th to 13th	а	2002	1.0040	2001	1.0040	1.0040	1.0664
15th to 14th	а	2001	1.0019	2000	1.0031	1.0025	1.0621
16th to 15th	а	2000	1.0022	1999	1.0013	1.0018	1.0595
17th to 16th	а	1999	1.0017	1998	1.0026	1.0022	1.0576
18th to 17th	а	1998	1.0019	1997	1.0029	1.0024	1.0553
19th to 18th	а	1997	1.0018	1996	1.0028	1.0023	1.0527
20th to 19th	а	1996	1.0031	1995	1.0034	1.0033	1.0503
21st to 20th	а	1995	1.0038	1994	1.0045	1.0042	1.0469
22nd to 21st	а	1994	1.0046	1993	1.0043	1.0045	1.0425
23rd to 22nd	а	1993	1.0040	1992	1.0039	1.0040	1.0378
24th to 23rd	а	1992	1.0039	1991	1.0034	1.0037	1.0337
25th to 24th	а	1991	1.0035	1990	1.0032	1.0034	1.0299
26th to 25th	а	1990	1.0028	1989	1.0031	1.0030	1.0264
27th to 26th	а	1989	1.0029	1988	1.0021	1.0025	1.0233
28th to 27th	а	1988	1.0020	1987	1.0021	1.0021	1.0208
29th to 28th	b	1987	1.0136	1986	1.0218	1.0177	1.0186
Beyond 29th	С	1986	1.0004	1985	1.0017	1.0011	1.0009 d

INCURRED METHOD

Reports in Ratio		Policy <u>Year</u>	2015-2016 <u>Ratio</u>	Policy <u>Year</u>	2014-2015 <u>Ratio</u>	Unweighted <u>Average</u>	Cumulative Average
2nd to 1st	с	2014	1.3424	2013	1.3936	1.3680	1.5853
3rd to 2nd	с	2013	1.0948	2012	1.1086	1.1017	1.1588
4th to 3rd	с	2012	1.0331	2011	1.0240	1.0286	1.0519
5th to 4th	с	2011	1.0048	2010	1.0060	1.0054	1.0226
6th to 5th	с	2010	0.9990	2009	1.0112	1.0051	1.0171
7th to 6th	с	2009	1.0059	2008	1.0028	1.0044	1.0120
8th to 7th	С	2008	0.9998	2007	1.0003	1.0001	1.0075
9th to 8th	С	2007	1.0012	2006	0.9989	1.0001	1.0074
10th to 9th	С	2006	1.0023	2005	1.0013	1.0018	1.0073
11th to 10th	с	2005	1.0009	2004	0.9996	1.0003	1.0055
12th to 11th	С	2004	1.0010	2003	0.9998	1.0004	1.0052
13th to 12th	С	2003	1.0008	2002	0.9986	0.9997	1.0048
14th to 13th	С	2002	1.0012	2001	0.9996	1.0004	1.0051
15th to 14th	С	2001	1.0012	2000	0.9998	1.0005	1.0047
16th to 15th	с	2000	0.9997	1999	0.9995	0.9996	1.0042
17th to 16th	с	1999	1.0005	1998	0.9996	1.0001	1.0046
18th to 17th	С	1998	1.0003	1997	0.9996	1.0000	1.0045
19th to 18th	С	1997	1.0021	1996	0.9970	0.9996	1.0045
20th to 19th	С	1996	1.0003	1995	1.0004	1.0004	1.0049
21st to 20th	С	1995	0.9984	1994	1.0008	0.9996	1.0045
22nd to 21st	С	1994	1.0017	1993	1.0003	1.0010	1.0049
23rd to 22nd	С	1993	1.0002	1992	0.9989	0.9996	1.0039
24th to 23rd	С	1992	1.0011	1991	1.0006	1.0009	1.0043
25th to 24th	С	1991	1.0008	1990	1.0002	1.0005	1.0034
26th to 25th	С	1990	1.0006	1989	1.0019	1.0013	1.0029
27th to 26th	С	1989	1.0005	1988	0.9996	1.0001	1.0016
28th to 27th	С	1988	1.0004	1987	1.0005	1.0005	1.0015
29th to 28th	с	1987	0.9992	1986	1.0010	1.0001	1.0010
Beyond 29th	С	1986	1.0004	1985	1.0017	1.0011	1.0009

aFrom Table I-Db28th (Paid - Tab

28th (Paid - Table 1-D) to 29th (Incurred - Table I-B)

c From Table I-B

d Derived separately. See Exhibit 7 of the January 1, 2019 Filing.

d

EXHIBIT V - 3

DEVELOPMENT FACTORS

MEDICAL LOSSES PAID METHOD

Reports in Ratio		Policy <u>Year</u>	2015-2016 <u>Ratio</u>	Policy <u>Year</u>	2014-2015 <u>Ratio</u>	Unweighted Average	Cumulative Average
2nd to 1st	а	2014	1.2531	2013	1.2528	1.2530	1.9387
3rd to 2nd	а	2013	1.0754	2012	1.0695	1.0725	1.5472
4th to 3rd	а	2012	1.0356	2011	1.0350	1.0353	1.4426
5th to 4th	а	2011	1.0170	2010	1.0203	1.0187	1.3934
6th to 5th	а	2010	1.0157	2009	1.0162	1.0160	1.3679
7th to 6th	а	2009	1.0129	2008	1.0134	1.0132	1.3463
8th to 7th	а	2008	1.0113	2007	1.0142	1.0128	1.3288
9th to 8th	а	2007	1.0140	2006	1.0155	1.0148	1.3120
10th to 9th	а	2006	1.0148	2005	1.0142	1.0145	1.2929
11th to 10th	а	2005	1.0100	2004	1.0112	1.0106	1.2744
12th to 11th	а	2004	1.0093	2003	1.0110	1.0102	1.2610
13th to 12th	а	2003	1.0104	2002	1.0142	1.0123	1.2483
14th to 13th	а	2002	1.0144	2001	1.0067	1.0106	1.2331
15th to 14th	а	2001	1.0088	2000	1.0102	1.0095	1.2202
16th to 15th	а	2000	1.0080	1999	1.0076	1.0078	1.2087
17th to 16th	а	1999	1.0076	1998	1.0100	1.0088	1.1993
18th to 17th	а	1998	1.0084	1997	1.0092	1.0088	1.1889
19th to 18th	а	1997	1.0104	1996	1.0102	1.0103	1.1785
20th to 19th	а	1996	1.0104	1995	1.0074	1.0089	1.1665
21st to 20th	а	1995	1.0058	1994	1.0124	1.0091	1.1562
22nd to 21st	а	1994	1.0109	1993	1.0098	1.0104	1.1458
23rd to 22nd	а	1993	1.0075	1992	1.0100	1.0088	1.1340
24th to 23rd	а	1992	1.0113	1991	1.0068	1.0091	1.1241
25th to 24th	а	1991	1.0059	1990	1.0064	1.0062	1.1139
26th to 25th	а	1990	1.0077	1989	1.0088	1.0083	1.1071
27th to 26th	а	1989	1.0100	1988	1.0069	1.0085	1.0980
28th to 27th	а	1988	1.0059	1987	1.0072	1.0066	1.0887
29th to 28th	b	1987	1.0788	1986	1.0640	1.0714	1.0816
Beyond 29th	С	1986	1.0221	1985	0.9953	1.0087	1.0095 d

INCURRED METHOD

Reports <u>in Ratio</u>		Policy <u>Year</u>	2015-2016 <u>Ratio</u>	Policy <u>Year</u>	2014-2015 <u>Ratio</u>	Unweighted Average	Cumulative Average
2nd to 1st	с	2014	1.0692	2013	1.0874	1.0783	1.2204
3rd to 2nd	с	2013	1.0187	2012	1.0252	1.0220	1.1318
4th to 3rd	с	2012	1.0047	2011	0.9925	0.9986	1.1074
5th to 4th	с	2011	1.0083	2010	1.0061	1.0072	1.1090
6th to 5th	с	2010	0.9994	2009	0.9982	0.9988	1.1011
7th to 6th	с	2009	1.0153	2008	1.0086	1.0120	1.1024
8th to 7th	с	2008	0.9991	2007	0.9987	0.9989	1.0893
9th to 8th	с	2007	1.0055	2006	1.0075	1.0065	1.0905
10th to 9th	с	2006	1.0038	2005	1.0033	1.0036	1.0835
11th to 10th	с	2005	1.0082	2004	1.0012	1.0047	1.0796
12th to 11th	с	2004	0.9994	2003	1.0064	1.0029	1.0745
13th to 12th	с	2003	1.0077	2002	1.0094	1.0086	1.0714
14th to 13th	с	2002	1.0044	2001	1.0038	1.0041	1.0623
15th to 14th	с	2001	1.0024	2000	1.0052	1.0038	1.0580
16th to 15th	с	2000	1.0053	1999	0.9998	1.0026	1.0540
17th to 16th	с	1999	1.0037	1998	1.0001	1.0019	1.0512
18th to 17th	с	1998	1.0005	1997	1.0024	1.0015	1.0492
19th to 18th	с	1997	1.0044	1996	0.9937	0.9991	1.0477
20th to 19th	с	1996	1.0060	1995	1.0103	1.0082	1.0486
21st to 20th	с	1995	0.9995	1994	1.0070	1.0033	1.0401
22nd to 21st	с	1994	1.0044	1993	1.0060	1.0052	1.0366
23rd to 22nd	с	1993	1.0049	1992	1.0016	1.0033	1.0313
24th to 23rd	С	1992	1.0044	1991	1.0042	1.0043	1.0279
25th to 24th	С	1991	0.9988	1990	1.0037	1.0013	1.0235
26th to 25th	С	1990	1.0054	1989	1.0096	1.0075	1.0222
27th to 26th	С	1989	1.0066	1988	0.9993	1.0030	1.0146
28th to 27th	С	1988	1.0019	1987	1.0022	1.0021	1.0115
29th to 28th	С	1987	1.0014	1986	0.9983	0.9999	1.0094
Beyond 29th	С	1986	1.0221	1985	0.9953	1.0087	1.0095

а

From Table I-E 28th (Paid - Table 1-E) to 29th (Incurred - Table I-C) b

с From Table I-C

d Derived separately. See Exhibit 7 of the January 1, 2019 Filing. d

EXHIBIT VI - 1

DETERMINATION OF TREND

				INDEMNITY					
Policy Year		2009	2010	2011	2012	2013	2014	2015	
Actual Loss Ratio		0.5423	0.5332	0.5069	0.4742	0.4877	0.4632	0.4457	
Normalized Frequency		0.7550	0.7443	0.6976	0.6525	0.6379	0.5843	0.5354	
Severity Loss Ratio		0.7182	0.7164	0.7267	0.7267	0.7645	0.7927	0.8325	
		0.1.102	0.1.101	0.1.201	0.1.201		011 021	010020	
	<u>x</u>	<u>1</u> 0.7182	<u>2</u> 0.7164	3 0.7267	4 0.7267	<u>5</u> 0.7645	6 0.7927	7 0.8325	
	У	0.7182	0.7164	0.7267	0.7267	0.7645	0.7927	0.8325	
	7 Poir	nt Exponential I	Regression: y =	= 0.681584 * 1.	025175 ^ x				
	Select	ted Annual Sev	erity Trend Fac	ctor =			2.52%		
		Annual		Trend Period					
Policy		Severity		# of Years		Severity		Frequency	
Year		Trend Factor		to 8/15/19		Trend Factor		Trend Factor	
		(1)		(2)		$(3) = (1)^{(2)}$		(4) #	
		()							
2013		1.0252		5.625		1.1501		0.7244	
2014		1.0252		4.625		1.1219		0.7671	
2015		1.0252		3.625		1.0943		0.8124	
Trended Loss Ratio									
Policy		Actual		Combined		Trended			
Year		Loss Ratio		Trend Factor		Loss Ratio			
		(5)		(6) = (3) * (4)		(7) = (5) * (6)			
2013		0.4877		0.8331		0.4063			
2014		0.4632		0.8606		0.3986			
2015		0.4457		0.8890		0.3962			
				MEDICAL					
Policy Year		2009	2010	2011	2012	2013	2014	2015	
Actual Loss Ratio		0.5321	0.5571	0.5467	0.5100	0.5325	0.5158	0.4599	
Normalized Frequency		0.7550	0.7443	0.6976	0.6525	0.6379	0.5843	0.5354	
Severity Loss Ratio		0.7047	0.7485	0.7837	0.7816	0.8347	0.8828	0.8590	
,									
	х	1	2	3	4	5	6	7	
	У	0.7047	0.7485	0.7837	0.7816	0.8347	0.8828	0.8590	
	7 Point Exponential Regression: y = 0.692293 * 1.035882 ^ x								
	Select	ted Annual Sev	erity Trend Fac	tor to 1/1/15 =	•		3.59%		
	HB184	46 Adjustment	to Annual Seve	erity Trend from	m 1/1/15 and late	er =	-0.19%		
	Select	ted Annual Sev	erity Trend Fac	tor from 1/1/1	5 and later =		3.40%		
					Annual				
		Annual			Severity		Severity		
			Transloperied	0	•	Trans d Dania d			
Dellas		Severity	Trend Period	Severity	Trend Factor	Trend Period	Trend Factor	F	
Policy		Trend Factor	# of Years	Trend Factor		# of Years	from 1/1/15	Frequency	
Year		to 1/1/15	to 1/1/15	to 1/1/15	to 8/15/19	to 8/15/19	to 8/15/19	Trend Factor	
		(1)	(2)	(3) = (1) ^ (2)	(4)	(5)	(6) = (4) ^ (5)	(7) #	
2013		1.0359	1.0000	1.0359	1.0340	4.6250	1.1671	0.7244	
2013		1.0359	0.0000	1.0000	1.0340	4.6250	1.1671	0.7671	
2014		1.0359	0.0000	1.0000	1.0340	3.6250	1.1288	0.8124	
2010		1.0000	0.0000	1.0000	1.0040	0.0200		0.0124	
Trended Loss Ratio									
Policy			Actual		Combined		Trended		
Year			Loss Ratio		Trend Factor		Loss Ratio		
			(8)		(9) = (3) * (6) * (7	7)	(10) = (8) * (9)		
_									
2013			0.5325		0.8758		0.4664		
2014			0.5158		0.8953		0.4618		
2015			0 4599		0 9170		0 4217		

2015

0.9170

0.4217

0.4599

EXHIBIT VI - 2

DETERMINATION OF TREND

CLAIM FREQUENCY

Policy Year Frequency per \$1 million of Expected Losses $\{1 = PY 2004, 12 = PY 2015\}$

	Policy		Claim		Normalized		
	Year		Frequency		Frequency		
	2004		23.31		1.0000		
	2005		21.67		0.9296		
	2006		20.87		0.8953		
	2007		19.66		0.8434		
	2008		18.18		0.7799		
	2009		17.60		0.7550		
	2010		17.35		0.7443		
	2011		16.26		0.6976		
	2012		15.21		0.6525		
	2013		14.87		0.6379		
	2014		13.62		0.5843		
	2015		12.48		0.5354		
Policy Year	2009	2010	2011	2012	2013	2014	2015
x	1	2	3	4	5	6	7
У	0.7550	0.7443	0.6976	0.6525	0.6379	0.5843	0.5354

7 Point Exponential Regression: y = 0.822220 * 0.944298 ^ x

Selected Annual Frequency Trend Factor =

-5.6%

Policy Year	Annual Frequency Trend Factor (1)	Trend Period # of Years to 8/15/19 (2)	Frequency Trend Factor $(3) = (1) ^ (2)$
2013	0.9443	5.625	0.7244
2014	0.9443	4.625	0.7671
2015	0.9443	3.625	0.8124

TABLE I

POLICY YEAR DATA ACCUMULATED TO END OF CALENDAR YEAR

ACCUMULATED STANDARD EARNED PREMIUM

Policy Year Valued	As of 12/31/14	As of 12/31/15	Ratio to Prior Year
Prior			
to 1986	11,387,026,168	11,387,026,168	1.0000
1986 1987	1,427,053,500	1,427,053,500	1.0000
1988	1,701,096,294 1,896,671,487	1,701,096,294 1,896,671,487	1.0000 1.0000
1989	2,033,041,334	2,033,041,334	1.0000
1990	2,297,321,643	2,297,321,642	1.0000
1991	2,410,475,163	2,410,477,490	1.0000
1992	2,261,547,619	2,261,547,612	1.0000
1993	2,426,141,391	2,426,141,388	1.0000
1994	1,829,233,734	1,829,233,731	1.0000
1995	1,683,694,150	1,683,693,870	1.0000
1996 1997	1,603,055,563 1,318,094,999	1,603,209,437 1,318,094,345	1.0001 1.0000
1998	1,263,299,558	1,263,299,020	1.0000
1999	1,280,634,956	1,280,635,208	1.0000
2000	1,352,113,283	1,352,096,858	1.0000
2001	1,453,811,318	1,453,787,992	1.0000
2002	1,521,152,015	1,521,113,671	1.0000
2003	1,610,223,104	1,610,317,128	1.0001
2004	1,725,601,738	1,725,589,086	1.0000
2005	1,895,970,105	1,896,001,232	1.0000
2006 2007	1,870,790,988 1,926,834,195	1,870,757,322 1,926,781,618	1.0000 1.0000
2008	1,776,302,604	1,776,299,975	1.0000
2009	1,586,402,203	1,585,868,305	0.9997
2010	1,670,468,737	1,670,658,033	1.0001
2011	1,744,617,869	1,745,030,915	1.0002
2012	1,667,072,337	1,666,089,436	0.9994
2013	1,631,567,698	1,647,785,650	1.0099
2014	911,252,856	1,623,248,488	1.7813
2015		890,767,895	
Dellay Veer	10.01	As of	Potio to
Policy Year Valued	As of 12/31/15	As of 12/31/16	Ratio to Prior Year
-			
Valued Prior to 1986	12/31/15 11,386,546,858	12/31/16 11,386,545,363	Prior Year 1.0000
Valued Prior to 1986 1986	12/31/15 11,386,546,858 1,427,053,500	12/31/16 11,386,545,363 1,427,053,500	Prior Year 1.0000 1.0000
Valued Prior to 1986 1986 1987	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571	Prior Year 1.0000 1.0000 1.0000
Valued Prior to 1986 1986 1987 1988	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487	Prior Year 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334	Prior Year 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1986 1986 1987 1988	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642	Prior Year 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1986 1986 1987 1988 1989 1990	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334	Prior Year 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1991 1992 1993	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388	Prior Year 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 1986 1987 1988 1989 1990 1991 1992 1993 1994	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293	Prior Year 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 1.0002
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201	Prior Year 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0002 1.0000 1.0002 1.0000
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434	Prior Year 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066	Prior Year 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 0.9999
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970	Prior Year 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 0.9999 1.0000
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066	Prior Year 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 0.9999
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281	Prior Year 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 0.9999 1.0000 0.9999
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610	Prior Year 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 0.9999 1.0000 0.9999 1.0000
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507	Prior Year 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 0.9999 1.0000 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267	Prior Year 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 0.9999 1.0000 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323	Prior Year 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 0.9999 1.0000 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323 1,833,992,300	Prior Year 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 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485 1,884,255,865	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323 1,833,992,300 1,884,559,925	Prior Year 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323 1,833,992,300	Prior Year 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 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485 1,884,255,865 1,730,883,386	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323 1,833,992,300 1,884,559,925 1,730,663,625	Prior Year 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 0.9999 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008 2009	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,853,745,971 1,833,992,485 1,884,255,865 1,730,883,386 1,534,177,721	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323 1,833,992,300 1,884,559,925 1,730,663,625 1,535,797,227	Prior Year 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 1.00
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485 1,884,255,865 1,730,883,386 1,534,177,721 1,604,031,055 1,654,805,682 1,552,096,281	12/31/16 11,386,545,363 1,427,053,500 1,701,066,571 1,896,671,487 2,033,041,334 2,297,321,642 2,410,481,742 2,261,549,818 2,426,141,388 1,829,566,293 1,683,699,201 1,603,057,434 1,317,877,066 1,263,221,970 1,275,242,281 1,339,740,825 1,434,950,576 1,503,895,610 1,574,953,507 1,687,943,267 1,859,760,323 1,833,992,300 1,884,559,925 1,730,663,625 1,535,797,227 1,604,539,407 1,654,496,659 1,551,363,145	Prior Year 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485 1,884,255,865 1,730,883,386 1,534,177,721 1,604,031,055 1,654,805,682 1,552,096,281 1,512,477,085	$\begin{array}{r} 12/31/16 \\ \hline \\ 11,386,545,363 \\ 1,427,053,500 \\ 1,701,066,571 \\ 1,896,671,487 \\ 2,033,041,334 \\ 2,297,321,642 \\ 2,410,481,742 \\ 2,261,549,818 \\ 2,426,141,388 \\ 1,829,566,293 \\ 1,683,699,201 \\ 1,603,057,434 \\ 1,317,877,066 \\ 1,263,221,970 \\ 1,275,242,281 \\ 1,337,9740,825 \\ 1,434,950,576 \\ 1,503,895,610 \\ 1,574,953,507 \\ 1,687,943,267 \\ 1,859,760,323 \\ 1,833,992,300 \\ 1,884,559,925 \\ 1,730,663,625 \\ 1,535,797,227 \\ 1,604,539,407 \\ 1,654,496,659 \\ 1,551,363,145 \\ 1,514,143,045 \\ \end{array}$	Prior Year 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 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	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485 1,884,255,865 1,730,883,386 1,534,177,721 1,604,031,055 1,654,805,6822 1,552,096,281 1,512,477,085 1,501,171,472	$\begin{array}{r} 12/31/16 \\ \hline \\ 11,386,545,363 \\ 1,427,053,500 \\ 1,701,066,571 \\ 1,896,671,487 \\ 2,033,041,334 \\ 2,297,321,642 \\ 2,410,481,742 \\ 2,261,549,818 \\ 2,426,141,388 \\ 1,829,566,293 \\ 1,683,699,201 \\ 1,603,057,434 \\ 1,317,877,066 \\ 1,263,221,970 \\ 1,275,242,281 \\ 1,337,740,825 \\ 1,434,950,576 \\ 1,503,895,610 \\ 1,574,953,507 \\ 1,687,943,267 \\ 1,859,760,323 \\ 1,833,992,300 \\ 1,884,559,925 \\ 1,730,663,625 \\ 1,535,797,227 \\ 1,604,539,407 \\ 1,654,496,659 \\ 1,551,363,145 \\ 1,514,143,045 \\ 1,514,185,475 \\ \end{array}$	Prior Year 1.0000 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 11,386,546,858 1,427,053,500 1,701,096,294 1,896,671,487 2,033,041,334 2,297,321,642 2,410,477,490 2,261,547,612 2,426,141,388 1,829,233,731 1,683,693,870 1,603,057,903 1,317,978,470 1,263,227,646 1,275,334,204 1,339,740,529 1,434,961,911 1,503,902,616 1,574,939,301 1,687,909,722 1,859,745,971 1,833,992,485 1,884,255,865 1,730,883,386 1,534,177,721 1,604,031,055 1,654,805,682 1,552,096,281 1,512,477,085	$\begin{array}{r} 12/31/16 \\ \hline \\ 11,386,545,363 \\ 1,427,053,500 \\ 1,701,066,571 \\ 1,896,671,487 \\ 2,033,041,334 \\ 2,297,321,642 \\ 2,410,481,742 \\ 2,261,549,818 \\ 2,426,141,388 \\ 1,829,566,293 \\ 1,683,699,201 \\ 1,603,057,434 \\ 1,317,877,066 \\ 1,263,221,970 \\ 1,275,242,281 \\ 1,337,9740,825 \\ 1,434,950,576 \\ 1,503,895,610 \\ 1,574,953,507 \\ 1,687,943,267 \\ 1,859,760,323 \\ 1,833,992,300 \\ 1,884,559,925 \\ 1,730,663,625 \\ 1,535,797,227 \\ 1,604,539,407 \\ 1,654,496,659 \\ 1,551,363,145 \\ 1,514,143,045 \\ \end{array}$	Prior Year 1.0000 1.00

INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/14	As of 12/31/15	Ratio to Prior Year
Prior			
to 1986	6,180,062,177	6,179,767,081	1.0000
1986	1,042,287,736	1,042,446,080	1.0002
1987	1,303,864,669	1,305,299,069	1.0011
1988	1,511,933,750	1,511,163,316	0.9995
1989	1,781,193,422	1,789,510,932	1.0047
1990	1,837,143,951	1,839,824,430	1.0015
1991 1992	1,638,738,273 1,431,541,767	1,641,898,903 1,431,501,512	1.0019
1992	1,235,559,770	1,238,693,357	1.0000 1.0025
1994	1,145,914,273	1,149,691,752	1.0033
1995	1,001,354,639	1,005,857,925	1.0045
1996	917,849,017	913,769,513	0.9956
1997	937,761,852	938,574,954	1.0009
1998	964,592,395	964,439,673	0.9998
1999	1,062,068,374	1,061,682,257	0.9996
2000	1,132,930,076	1,135,462,708	1.0022
2001	1,132,729,435	1,134,357,104	1.0014
2002	1,208,154,930	1,212,251,007	1.0034
2003	1,214,904,705	1,218,287,173	1.0028
2004	1,311,968,946	1,312,409,923	1.0003
2005	1,335,174,081	1,338,198,104	1.0023
2006	1,369,344,301	1,373,266,740	1.0029
2007	1,445,245,033	1,444,571,945	0.9995
2008	1,332,646,593	1,339,954,739	1.0055
2009	1,211,384,455	1,217,511,040	1.0051
2010	1,303,314,015	1,311,223,995	1.0061
2011	1,268,335,859	1,278,869,318	1.0083
2012	1,104,340,841	1,176,732,500	1.0656
2013	985,146,488	1,196,021,093	1.2141
2014 2015	381,250,741	982,462,398 368,562,749	2.5769
Policy Year	As of	As of	Ratio to
Valued	12/31/15	12/31/16	Prior Year
Valued Prior	12/31/15	12/31/16	Prior Year
Valued Prior to 1986	12/31/15 6,179,447,807	12/31/16 6,183,709,795	Prior Year 1.0007
Valued Prior to 1986 1986	12/31/15 6,179,447,807 1,042,456,195	12/31/16 6,183,709,795 1,045,650,451	Prior Year 1.0007 1.0031
Valued Prior to 1986 1986 1987	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082	Prior Year 1.0007 1.0031 1.0000
Valued Prior to 1986 1986 1987 1988	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567	Prior Year 1.0007 1.0031 1.0000 1.0009
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350	Prior Year 1.0007 1.0031 1.0000 1.0009 1.0027
Valued Prior to 1986 1986 1987 1988 1989 1990	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580	Prior Year 1.0007 1.0031 1.0000 1.0009 1.0027 1.0024
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223	Prior Year 1.0007 1.0031 1.0000 1.0009 1.0027 1.0024 1.0000
Valued Prior to 1986 1987 1988 1989 1990 1991	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580	Prior Year 1.0007 1.0031 1.0000 1.0009 1.0027 1.0024
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153	Prior Year 1.0007 1.0031 1.0000 1.0009 1.0027 1.0024 1.0000 1.0024
Valued Prior to 1986 1987 1988 1989 1990 1991 1992	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746	Prior Year 1.0007 1.0031 1.0000 1.0027 1.0024 1.0000 1.0024 1.0020
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228	Prior Year 1.0007 1.0031 1.0000 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0000 1.0024 1.0020 1.0028 0.9988
Valued Prior to 1986 1987 1988 1989 1990 1990 1991 1992 1993 1994 1995 1996	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0020 1.0028 0.9988 1.0028
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0028
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0024 1.0024 1.0028 0.9988 1.0028 1.0028 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053 1,121,754,653	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0024 1.0024 1.0028 0.9988 1.0028 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021 1.0021 1.0017
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103 1,202,395,978	$\begin{array}{r} 12/31/16\\ \hline\\ 6,183,709,795\\ 1,045,650,451\\ 1,305,391,082\\ 1,512,651,567\\ 1,794,432,350\\ 1,844,309,580\\ 1,641,959,223\\ 1,435,045,153\\ 1,241,360,746\\ 1,153,030,228\\ 1,004,775,430\\ 916,451,977\\ 941,513,422\\ 964,943,166\\ 1,061,501,023\\ 1,126,799,053\\ 1,121,754,653\\ 1,205,530,275\\ \end{array}$	Prior Year 1.0007 1.0031 1.0000 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0028 1.0021 1.0019 1.0021 1.0017 1.0026
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	$\begin{array}{r} 12/31/15\\ \hline\\ 6,179,447,807\\ 1,042,456,195\\ 1,305,446,026\\ 1,511,226,044\\ 1,789,579,588\\ 1,839,968,445\\ 1,641,910,380\\ 1,431,609,017\\ 1,238,869,595\\ 1,149,861,737\\ 1,005,933,617\\ 913,860,850\\ 938,594,506\\ 964,543,936\\ 1,059,442,417\\ 1,124,384,994\\ 1,119,821,103\\ 1,202,395,978\\ 1,196,886,053\\ \end{array}$	$\begin{array}{r} 12/31/16\\ \hline\\ 6,183,709,795\\ 1,045,650,451\\ 1,305,391,082\\ 1,512,651,567\\ 1,794,432,350\\ 1,844,309,580\\ 1,641,959,223\\ 1,435,045,153\\ 1,241,360,746\\ 1,153,030,228\\ 1,004,775,430\\ 916,451,977\\ 941,513,422\\ 964,943,166\\ 1,061,501,023\\ 1,126,799,053\\ 1,121,754,653\\ 1,205,530,275\\ 1,201,619,296\\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021 1.0017 1.0026 1.0040
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103 1,202,395,978 1,196,886,053 1,293,571,452	$\begin{array}{r} 12/31/16\\ \hline\\ 6,183,709,795\\ 1,045,650,451\\ 1,305,391,082\\ 1,512,651,567\\ 1,794,432,350\\ 1,844,309,580\\ 1,641,959,223\\ 1,435,045,153\\ 1,241,360,746\\ 1,153,030,228\\ 1,004,775,430\\ 916,451,977\\ 941,513,422\\ 964,943,166\\ 1,061,501,023\\ 1,126,799,053\\ 1,121,754,653\\ 1,205,530,275\\ 1,201,619,296\\ 1,293,883,382\\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0031 1.0004 1.0019 1.0021 1.0017 1.0026 1.0040 1.0040 1.0002
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103 1,202,395,978 1,196,886,053 1,293,571,452 1,317,578,467	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053 1,121,754,653 1,205,530,275 1,201,619,296 1,293,883,382 1,323,303,743	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0031 1.0004 1.0021 1.0017 1.0026 1.0040 1.0002 1.0002 1.0043
Valued Prior to 1986 1987 1988 1989 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	$\begin{array}{r} 12/31/15 \\ \hline\\ 6,179,447,807 \\ 1,042,456,195 \\ 1,305,446,026 \\ 1,511,226,044 \\ 1,789,579,588 \\ 1,839,968,445 \\ 1,641,910,380 \\ 1,431,609,017 \\ 1,238,869,595 \\ 1,149,861,737 \\ 1,005,933,617 \\ 913,860,850 \\ 938,594,506 \\ 964,543,936 \\ 1,059,442,417 \\ 1,124,384,994 \\ 1,119,821,103 \\ 1,202,395,978 \\ 1,196,886,053 \\ 1,293,571,452 \\ 1,317,578,467 \\ 1,351,529,465 \\ \end{array}$	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053 1,121,754,653 1,205,530,275 1,201,619,296 1,293,883,382 1,323,303,743 1,355,605,320	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0031 1.0004 1.0019 1.0021 1.0017 1.0026 1.0040 1.0002 1.0043 1.0030
Valued Prior to 1986 1987 1988 1989 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	$\begin{array}{r} 12/31/15 \\ \hline 6,179,447,807 \\ 1,042,456,195 \\ 1,305,446,026 \\ 1,511,226,044 \\ 1,789,579,588 \\ 1,839,968,445 \\ 1,641,910,380 \\ 1,431,609,017 \\ 1,238,869,595 \\ 1,149,861,737 \\ 1,005,933,617 \\ 913,860,850 \\ 938,594,506 \\ 964,543,936 \\ 1,059,442,417 \\ 1,124,384,994 \\ 1,119,821,103 \\ 1,202,395,978 \\ 1,196,886,053 \\ 1,293,571,452 \\ 1,317,578,467 \\ 1,351,529,465 \\ 1,420,975,547 \\ \end{array}$	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053 1,121,754,653 1,205,530,275 1,201,619,296 1,293,883,382 1,323,303,743 1,355,605,320 1,425,554,418	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0031 1.0024 1.0019 1.0021 1.0017 1.0026 1.0040 1.0002 1.0043 1.0030 1.0032
Valued Prior to 1986 1987 1988 1989 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2001 2002 2003 2004 2005 2006 2007 2008	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103 1,202,395,978 1,196,886,053 1,293,571,452 1,317,578,467 1,351,529,465 1,420,975,547 1,310,832,222	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053 1,121,754,653 1,205,530,275 1,201,619,296 1,293,883,382 1,323,303,743 1,355,605,320 1,425,554,418 1,310,164,705	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021 1.0021 1.0043 1.0040 1.0043 1.0032 0.9995
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2001 2002 2003 2004 2005 2006 2007 2008 2009	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103 1,202,395,978 1,196,886,053 1,293,571,452 1,317,578,467 1,351,529,465 1,420,975,547 1,310,832,222 1,178,678,482	$\begin{array}{r} 12/31/16\\ \hline\\ 6,183,709,795\\ 1,045,650,451\\ 1,305,391,082\\ 1,512,651,567\\ 1,794,432,350\\ 1,641,959,223\\ 1,435,045,153\\ 1,241,360,746\\ 1,153,030,228\\ 1,004,775,430\\ 916,451,977\\ 941,513,422\\ 964,943,166\\ 1,061,501,023\\ 1,126,799,053\\ 1,121,754,653\\ 1,205,530,275\\ 1,201,619,296\\ 1,293,883,382\\ 1,323,303,743\\ 1,355,605,320\\ 1,425,554,418\\ 1,310,164,705\\ 1,190,763,529\\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0020 1.0024 1.0028 0.9988 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021 1.0017 1.0026 1.0040 1.0040 1.004 1.0012 1.0043 1.0032 0.9995 1.0103
Valued Prior to 1986 1987 1988 1987 1988 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2004 2005 2006 2007 2008 2009 2010	$\begin{array}{r} 12/31/15 \\ \hline \\ 6,179,447,807 \\ 1,042,456,195 \\ 1,305,446,026 \\ 1,511,226,044 \\ 1,789,579,588 \\ 1,839,968,445 \\ 1,641,910,380 \\ 1,431,609,017 \\ 1,238,869,595 \\ 1,149,861,737 \\ 1,005,933,617 \\ 913,860,850 \\ 938,594,506 \\ 964,543,936 \\ 1,059,442,417 \\ 1,124,384,994 \\ 1,119,821,103 \\ 1,202,395,978 \\ 1,196,886,053 \\ 1,293,571,452 \\ 1,317,578,467 \\ 1,351,529,465 \\ 1,420,975,547 \\ 1,310,832,222 \\ 1,178,678,482 \\ 1,271,692,452 \\ \end{array}$	$\begin{array}{r} 12/31/16 \\ \hline \\ 6,183,709,795 \\ 1,045,650,451 \\ 1,305,391,082 \\ 1,512,651,567 \\ 1,794,432,350 \\ 1,844,309,580 \\ 1,641,959,223 \\ 1,435,045,153 \\ 1,241,360,746 \\ 1,153,030,228 \\ 1,004,775,430 \\ 916,451,977 \\ 941,513,422 \\ 964,943,166 \\ 1,061,501,023 \\ 1,126,799,053 \\ 1,121,754,653 \\ 1,205,530,275 \\ 1,201,619,296 \\ 1,293,883,382 \\ 1,323,303,743 \\ 1,355,605,320 \\ 1,425,554,418 \\ 1,310,164,705 \\ 1,190,763,529 \\ 1,270,623,490 \\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0028 1.0021 1.0017 1.0026 1.0041 1.0017 1.0026 1.0043 1.0032 0.9995 1.0103 0.9995 1.0103 0.9992
Valued Prior to 1986 1987 1988 1987 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	$\begin{array}{r} 12/31/15 \\ \hline \\ 6,179,447,807 \\ 1,042,456,195 \\ 1,305,446,026 \\ 1,511,226,044 \\ 1,789,579,588 \\ 1,839,968,445 \\ 1,641,910,380 \\ 1,431,609,017 \\ 1,238,869,595 \\ 1,149,861,737 \\ 1,005,933,617 \\ 913,860,850 \\ 938,594,506 \\ 964,543,936 \\ 1,059,442,417 \\ 1,124,384,994 \\ 1,119,821,103 \\ 1,202,395,978 \\ 1,196,886,053 \\ 1,293,571,452 \\ 1,317,578,467 \\ 1,351,529,465 \\ 1,420,975,547 \\ 1,310,832,222 \\ 1,178,678,482 \\ 1,271,692,452 \\ 1,230,546,769 \\ \end{array}$	$\begin{array}{r} 12/31/16 \\ \hline \\ 6,183,709,795 \\ 1,045,650,451 \\ 1,305,391,082 \\ 1,512,651,567 \\ 1,794,432,350 \\ 1,641,959,223 \\ 1,435,045,153 \\ 1,241,360,746 \\ 1,153,030,228 \\ 1,004,775,430 \\ 916,451,977 \\ 941,513,422 \\ 964,943,166 \\ 1,061,501,023 \\ 1,126,799,053 \\ 1,121,754,653 \\ 1,205,530,275 \\ 1,201,619,296 \\ 1,293,883,382 \\ 1,323,303,743 \\ 1,355,605,320 \\ 1,425,554,418 \\ 1,310,164,705 \\ 1,190,763,529 \\ 1,270,623,490 \\ 1,238,572,663 \\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0028 1.0021 1.0019 1.0021 1.0017 1.0026 1.0040 1.0012 1.0043 1.0032 0.9995 1.0103 0.9995 1.0103 0.9992 1.0065
Valued Prior to 1986 1987 1988 1987 1988 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2004 2005 2006 2007 2008 2009 2010	$\begin{array}{r} 12/31/15 \\ \hline \\ 6,179,447,807 \\ 1,042,456,195 \\ 1,305,446,026 \\ 1,511,226,044 \\ 1,789,579,588 \\ 1,839,968,445 \\ 1,641,910,380 \\ 1,431,609,017 \\ 1,238,869,595 \\ 1,149,861,737 \\ 1,005,933,617 \\ 913,860,850 \\ 938,594,506 \\ 964,543,936 \\ 1,059,442,417 \\ 1,124,384,994 \\ 1,119,821,103 \\ 1,202,395,978 \\ 1,196,886,053 \\ 1,293,571,452 \\ 1,317,578,467 \\ 1,351,529,465 \\ 1,420,975,547 \\ 1,310,832,222 \\ 1,178,678,482 \\ 1,271,692,452 \\ \end{array}$	$\begin{array}{r} 12/31/16 \\ \hline \\ 6,183,709,795 \\ 1,045,650,451 \\ 1,305,391,082 \\ 1,512,651,567 \\ 1,794,432,350 \\ 1,844,309,580 \\ 1,641,959,223 \\ 1,435,045,153 \\ 1,241,360,746 \\ 1,153,030,228 \\ 1,004,775,430 \\ 916,451,977 \\ 941,513,422 \\ 964,943,166 \\ 1,061,501,023 \\ 1,126,799,053 \\ 1,121,754,653 \\ 1,205,530,275 \\ 1,201,619,296 \\ 1,293,883,382 \\ 1,323,303,743 \\ 1,355,605,320 \\ 1,425,554,418 \\ 1,310,164,705 \\ 1,190,763,529 \\ 1,270,623,490 \\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0028 1.0021 1.0017 1.0026 1.0041 1.0017 1.0026 1.0043 1.0032 0.9995 1.0103 0.9995 1.0103 0.9992
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	$\begin{array}{r} 12/31/15 \\ \hline \\ 6,179,447,807 \\ 1,042,456,195 \\ 1,305,446,026 \\ 1,511,226,044 \\ 1,789,579,588 \\ 1,839,968,445 \\ 1,641,910,380 \\ 1,431,609,017 \\ 1,238,869,595 \\ 1,149,861,737 \\ 1,005,933,617 \\ 913,860,850 \\ 938,594,506 \\ 964,543,936 \\ 1,059,442,417 \\ 1,124,384,994 \\ 1,119,821,103 \\ 1,202,395,978 \\ 1,196,886,053 \\ 1,293,571,452 \\ 1,317,578,467 \\ 1,351,529,465 \\ 1,420,975,547 \\ 1,310,832,222 \\ 1,178,678,482 \\ 1,271,692,452 \\ 1,230,546,769 \\ 1,100,921,470 \\ \end{array}$	12/31/16 6,183,709,795 1,045,650,451 1,305,391,082 1,512,651,567 1,794,432,350 1,844,309,580 1,641,959,223 1,435,045,153 1,241,360,746 1,153,030,228 1,004,775,430 916,451,977 941,513,422 964,943,166 1,061,501,023 1,126,799,053 1,121,754,653 1,205,530,275 1,201,619,296 1,293,883,382 1,323,303,743 1,355,605,320 1,425,554,418 1,310,164,705 1,190,763,529 1,270,623,490 1,238,572,663 1,121,865,609	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021 1.0017 1.0026 1.0040 1.0022 1.0043 1.0030 1.0032 0.9995 1.0103 0.9995 1.0103 0.9992 1.0065 1.0190
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2012 2013	12/31/15 6,179,447,807 1,042,456,195 1,305,446,026 1,511,226,044 1,789,579,588 1,839,968,445 1,641,910,380 1,431,609,017 1,238,869,595 1,149,861,737 1,005,933,617 913,860,850 938,594,506 964,543,936 1,059,442,417 1,124,384,994 1,119,821,103 1,202,395,978 1,196,886,053 1,293,571,452 1,317,578,467 1,351,529,465 1,420,975,547 1,310,832,222 1,178,678,482 1,271,692,452 1,200,546,769 1,100,921,470 1,111,373,334	$\begin{array}{r} 12/31/16 \\ \hline \\ 6,183,709,795 \\ 1,045,650,451 \\ 1,305,391,082 \\ 1,512,651,567 \\ 1,794,432,350 \\ 1,844,309,580 \\ 1,641,959,223 \\ 1,435,045,153 \\ 1,241,360,746 \\ 1,153,030,228 \\ 1,004,775,430 \\ 916,451,977 \\ 941,513,422 \\ 964,943,166 \\ 1,061,501,023 \\ 1,126,799,053 \\ 1,121,754,653 \\ 1,205,530,275 \\ 1,201,619,296 \\ 1,293,883,382 \\ 1,323,303,743 \\ 1,355,605,320 \\ 1,425,554,418 \\ 1,310,164,705 \\ 1,190,763,529 \\ 1,270,623,490 \\ 1,238,572,663 \\ 1,121,865,609 \\ 1,172,374,113 \\ \end{array}$	Prior Year 1.0007 1.0031 1.0009 1.0027 1.0024 1.0020 1.0024 1.0020 1.0028 0.9988 1.0028 1.0028 1.0031 1.0004 1.0019 1.0021 1.0017 1.0026 1.0040 1.0002 1.0043 1.0030 1.0032 0.9995 1.0103 0.9995 1.0103 0.9992 1.0065 1.0190 1.0549

INDEMNITY INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/14	As of 12/31/15	Ratio to Prior Year
Prior			
to 1986	4,680,071,625	4,681,301,566	1.0003
1986	714,807,350	715,516,906	1.0010
1987	866,461,926	866,931,127	1.0005
1988	982,465,150	982,085,105	0.9996
1989	1,140,722,428	1,142,902,544	1.0019
1990	1,168,077,729	1,168,287,167	1.0002
1991	1,015,815,480	1,016,385,928	1.0006
1992	862,758,836	861,793,648	0.9989
1993	753,522,853	753,773,119	1.0003
1994 1995	691,552,335 588,335,857	692,130,367 588,598,325	1.0008 1.0004
1996	508,153,817	506,643,542	0.9970
1997	515,088,306	514,875,882	0.9996
1998	517,318,755	517,111,579	0.9996
1999	588,756,774	588,441,705	0.9995
2000	631,030,721	630,932,722	0.9998
2001	641,538,942	641,302,318	0.9996
2002	671,906,314	670,956,683	0.9986
2003	663,273,054	663,124,433	0.9998
2004	703,139,950	702,827,748	0.9996
2005	709,735,620	710,682,018	1.0013
2006	733,598,963	732,756,067	0.9989
2007	762,608,623	762,842,530 716,095,162	1.0003 1.0028
2008 2009	714,085,139 639,355,479	646,516,614	1.0028
2009	670,627,772	674,662,838	1.0060
2010	636,077,139	651,348,938	1.0240
2012	534,345,310	592,377,519	1.1086
2013	407,357,544	567,711,709	1.3936
2014	121,689,316	407,476,651	3.3485
2015		117,270,981	
_			
Policy Year Valued	As of 12/31/15	As of 12/31/16	Ratio to Prior Year
Valued Prior	12/31/15	12/31/16	Prior Year
Valued Prior to 1986	12/31/15 4,680,989,260	12/31/16 4,680,991,716	Prior Year 1.0000
Valued Prior to 1986 1986	12/31/15 4,680,989,260 715,529,652	12/31/16 4,680,991,716 715,795,145	Prior Year 1.0000 1.0004
Valued Prior to 1986 1986 1987	12/31/15 4,680,989,260 715,529,652 866,956,759	12/31/16 4,680,991,716 715,795,145 866,280,939	Prior Year 1.0000 1.0004 0.9992
Valued Prior to 1986 1986 1987 1988	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826	Prior Year 1.0000 1.0004 0.9992 1.0004
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0004
Valued Prior to 1986 1986 1987 1988	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826	Prior Year 1.0000 1.0004 0.9992 1.0004
Valued Prior to 1986 1987 1988 1989 1990	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006
Valued Prior to 1986 1987 1988 1989 1990 1991	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008
Valued Prior to 1986 1987 1988 1989 1990 1991 1991 1992 1993 1994	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011
Valued Prior to 1986 1987 1988 1989 1990 1991 1991 1992 1993 1994 1995	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0006 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0021 1.0003
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0003 1.0005
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0003 1.0005 0.9997
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0003 1.0005 0.9997 1.0012
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0003 1.0005 0.9997
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0003 1.0003 1.0005 0.9997 1.0012 1.0012 1.0012
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0005 0.9997 1.0012 1.0012 1.0012 1.0012 1.0008
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0005 0.9997 1.0012 1.0012 1.0012 1.0012 1.0008 1.0010
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0005 0.9997 1.0012 1.0012 1.0012 1.0008 1.0010 1.0009 1.0023 1.0012
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0013 1.0021 1.0012 1.0012 1.0012 1.0018 1.0010 1.0009 1.0023 1.0012 0.9998
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794 628,606,948	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966 632,299,926	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0021 1.0012 1.0012 1.0012 1.0012 1.0018 1.0010 1.0009 1.0023 1.0012 0.9998 1.0059
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794 628,606,948 654,630,114	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966 632,299,926 653,954,661	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0005 0.9997 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 0.9998 1.0059 0.9990
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794 628,606,948 654,630,114 627,572,853	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966 632,299,926 653,954,661 630,564,859	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0005 0.9997 1.0012 1.001 1.00
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794 628,606,948 654,630,114 627,572,853 554,931,051	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966 632,299,926	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0005 0.9997 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0008 1.0010 1.0009 1.0023 1.0012 0.9998 1.0059 0.9990 1.0048 1.0331
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794 628,606,948 654,630,114 627,572,853 554,931,051 528,739,541	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966 632,299,926 653,954,661 630,564,859 573,290,625 578,855,679	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0059 1.0059 0.9990 1.0048 1.0331 1.0948 1.0331 1.0948
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/15 4,680,989,260 715,529,652 866,956,759 982,128,054 1,142,944,672 1,168,340,124 1,016,348,121 861,795,845 753,819,714 692,181,490 588,622,413 506,668,154 514,876,571 517,110,020 587,224,354 626,777,609 635,491,287 665,926,350 651,146,702 692,371,497 699,145,604 720,861,650 750,441,498 699,955,794 628,606,948 654,630,114 627,572,853 554,931,051	12/31/16 4,680,991,716 715,795,145 866,280,939 982,554,826 1,143,500,362 1,169,073,351 1,017,162,457 862,729,147 753,937,302 693,344,871 587,692,565 506,810,833 515,934,344 517,266,643 587,535,712 626,565,167 636,240,434 666,714,256 651,686,483 693,053,613 699,804,956 722,529,364 751,331,890 699,819,966 632,299,926	Prior Year 1.0000 1.0004 0.9992 1.0004 1.0005 1.0006 1.0008 1.0011 1.0002 1.0017 0.9984 1.0003 1.0021 1.0003 1.0005 0.9997 1.0012 1.0012 1.0012 1.0012 1.0012 1.0012 1.0008 1.0010 1.0009 1.0023 1.0012 0.9998 1.0059 0.9990 1.0048 1.0331

MEDICAL INCURRED LOSSES EXCLUDING BULK AND IBNR RESERVES

Policy Year Valued	As of 12/31/14	As of 12/31/15	Ratio to Prior Year
Prior			
to 1986	1,499,990,552	1,498,465,515	0.9990
1986	327,480,386	326,929,174	0.9983
1987	437,402,743	438,367,942	1.0022
1988	529,468,600	529,078,211	0.9993
1989	640,470,994	646,608,388	1.0096
1990	669,066,222	671,537,263	1.0037
1991	622,922,793	625,512,975	1.0042
1992 1993	568,782,931	569,707,864	1.0016
1993	482,036,917 454,361,938	484,920,238 457,561,385	1.0060 1.0070
1995	413,018,782	417,259,600	1.0103
1996	409,695,200	407,125,971	0.9937
1997	422,673,546	423,699,072	1.0024
1998	447,273,640	447,328,094	1.0001
1999	473,311,600	473,240,552	0.9998
2000	501,899,355	504,529,986	1.0052
2001	491,190,493	493,054,786	1.0038
2002	536,248,616	541,294,324	1.0094
2003	551,631,651	555,162,740	1.0064
2004	608,828,996	609,582,175	1.0012
2005	625,438,461	627,516,086	1.0033
2006	635,745,338	640,510,673	1.0075
2007	682,636,410	681,729,415	0.9987
2008	618,561,454 572,028,976	623,859,577	1.0086
2009 2010	632,686,243	570,994,426 636,561,157	0.9982 1.0061
2010	632,258,720	627,520,380	0.9925
2012	569,995,531	584,354,981	1.0252
2013	577,788,944	628,309,384	1.0874
2014	259,561,425	574,985,747	2.2152
2015	,,	251,291,768	
Policy Year Valued	As of 12/31/15	As of 12/31/16	Ratio to Prior Year
Valued Prior	12/31/15	12/31/16	Prior Year
Valued Prior to 1986	12/31/15 1,498,458,547	12/31/16 1,502,718,079	Prior Year 1.0028
Valued Prior to 1986 1986	12/31/15 1,498,458,547 326,926,543	12/31/16 1,502,718,079 329,855,306	Prior Year 1.0028 1.0090
Valued Prior to 1986 1986 1987	12/31/15 1,498,458,547 326,926,543 438,489,267	12/31/16 1,502,718,079 329,855,306 439,110,143	Prior Year 1.0028 1.0090 1.0014
Valued Prior to 1986 1986 1987 1988	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741	Prior Year 1.0028 1.0090 1.0014 1.0019
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066
Valued Prior to 1986 1986 1987 1988	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741	Prior Year 1.0028 1.0090 1.0014 1.0019
Valued Prior to 1986 1987 1988 1989 1990	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054
Valued Prior to 1986 1987 1988 1989 1990 1991	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988
Valued Prior to 1986 1987 1988 1989 1990 1991 1992	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044
Valued Prior to 1986 1987 1988 1989 1990 1991 1991 1992 1993	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0049 1.0044 0.9995 1.0060 1.0044
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0005 1.0037
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0005 1.0037 1.0053
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0044 1.0005 1.0037 1.0053 1.0024
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0037 1.0053 1.0024 1.0024 1.0024 1.0044
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0037 1.0053 1.0024 1.0044 1.0044 1.0044 1.0044 1.0077
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0044 1.0005 1.0053 1.0024 1.0044 1.0077 0.9994
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0037 1.0053 1.0024 1.0044 1.0044 1.0044 1.0044 1.0077
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0053 1.0024 1.0024 1.0024 1.0077 0.9994 1.0082
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2001 2002 2003 2004 2005 2006	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0037 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0037 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049 610,876,428	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528 610,344,739	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 1.0049 1.0044 1.0045 1.0037 1.0053 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055 0.9991
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049 610,876,428 550,071,534	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528 610,344,739 558,463,603	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0066 1.0054 0.9988 1.0044 1.0049 1.0044 1.0049 1.0044 1.0049 1.0044 1.0005 1.0037 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055 0.9991 1.0153
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049 610,876,428 550,071,534 617,062,338 602,973,916 545,990,419	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528 610,344,739 558,463,603 616,668,829 608,007,804 548,574,984	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0037 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055 0.9991 1.0153 0.9994 1.0083 1.0047
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049 610,876,428 550,071,534 617,062,338 602,973,916 545,990,419 582,633,793	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528 610,344,739 558,463,603 616,668,829 608,007,804 548,574,984 593,518,434	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0044 1.0005 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055 0.9991 1.0153 0.9994 1.0083 1.0047 1.0187
Valued Prior to 1986 1987 1988 1989 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	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049 610,876,428 550,071,534 617,062,338 602,973,916 545,990,419 582,633,793 537,037,832	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528 610,344,739 558,463,603 616,668,829 608,007,804 548,574,984 593,518,434 574,201,260	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0044 1.0005 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055 0.9991 1.0153 0.9994 1.0083 1.0047 1.0187 1.0692
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 1,498,458,547 326,926,543 438,489,267 529,097,990 646,634,916 671,628,321 625,562,259 569,813,172 485,049,881 457,680,247 417,311,204 407,192,696 423,717,935 447,433,916 472,218,063 497,607,385 484,329,816 536,469,628 545,739,351 601,199,955 618,432,863 630,667,815 670,534,049 610,876,428 550,071,534 617,062,338 602,973,916 545,990,419 582,633,793	12/31/16 1,502,718,079 329,855,306 439,110,143 530,096,741 650,931,988 675,236,229 624,796,766 572,316,006 487,423,444 459,685,357 417,082,865 409,641,144 425,579,078 447,676,523 473,965,311 500,233,886 485,514,219 538,816,019 549,932,813 600,829,769 623,498,787 633,075,956 674,222,528 610,344,739 558,463,603 616,668,829 608,007,804 548,574,984 593,518,434	Prior Year 1.0028 1.0090 1.0014 1.0019 1.0054 0.9988 1.0044 1.0049 1.0044 0.9995 1.0060 1.0044 1.0005 1.0044 1.0005 1.0053 1.0024 1.0044 1.0077 0.9994 1.0082 1.0038 1.0055 0.9991 1.0153 0.9994 1.0083 1.0047 1.0187

INDEMNITY PAID LOSSES

Policy Year Valued	As of 12/31/14	As of 12/31/15	Ratio to Prior Year
Prior			
to 1986	4,616,293,835	4,624,960,491	1.0019
1986	700,260,248	702,459,220	1.0031
1987	852,886,179	854,684,001	1.0021
1988 1989	963,546,859 1,113,172,471	965,539,400 1,116,597,000	1.0021 1.0031
1989	1,138,563,253	1,142,203,623	1.0031
1991	982,466,076	985,848,749	1.0034
1992	830,728,050	833,967,133	1.0039
1993	724,658,919	727,745,769	1.0043
1994	662,743,317	665,749,932	1.0045
1995	568,192,894	570,124,967	1.0034
1996	491,040,445	492,409,570	1.0028
1997	506,014,142	507,458,695	1.0029
1998	509,174,479	510,511,657	1.0026
1999	579,662,150	580,419,901	1.0013
2000	618,704,827	620,641,738	1.0031
2001	627,952,437	630,449,396	1.0040
2002	647,975,062	651,500,270	1.0054 1.0071
2003 2004	637,050,657 664,463,026	641,567,792 670,728,507	1.0094
2004	678,386,825	684,004,633	1.0083
2006	692,511,847	701,593,986	1.0131
2007	718,539,155	728,911,964	1.0144
2008	673,843,251	682,665,474	1.0131
2009	593,301,855	614,396,491	1.0356
2010	596,460,832	625,891,670	1.0493
2011	535,868,055	590,019,911	1.1011
2012	396,468,228	499,801,834	1.2606
2013	221,540,085	425,209,146	1.9193
2014	43,095,002	226,088,106	5.2463
2015		41,785,138	
Policy Year Valued	As of 12/31/15	As of 12/31/16	Ratio to Prior Year
Valued Prior	12/31/15	12/31/16	
Valued Prior to 1986	12/31/15 4,624,657,710	12/31/16 4,631,393,876	Prior Year 1.0015
Valued Prior to 1986 1986	12/31/15 4,624,657,710 702,471,966	12/31/16 4,631,393,876 704,135,529	Prior Year 1.0015 1.0024
Valued Prior to 1986 1986 1987	12/31/15 4,624,657,710 702,471,966 854,697,282	12/31/16 4,631,393,876 704,135,529 856,059,302	Prior Year 1.0015 1.0024 1.0016
Valued Prior to 1986 1986 1987 1988	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515	Prior Year 1.0015 1.0024 1.0016 1.0020
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195	Prior Year 1.0015 1.0024 1.0016 1.0020 1.0029
Valued Prior to 1986 1986 1987 1988 1989 1990	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500	Prior Year 1.0015 1.0024 1.0016 1.0020 1.0029 1.0028
Valued Prior to 1986 1986 1987 1988 1989	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902	Prior Year 1.0015 1.0024 1.0016 1.0020 1.0029
Valued Prior to 1986 1986 1987 1988 1989 1990 1991	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500	Prior Year 1.0015 1.0024 1.0016 1.0020 1.0029 1.0028 1.0035
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307	Prior Year 1.0015 1.0024 1.0016 1.0020 1.0029 1.0028 1.0035 1.0039
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1991 1992 1993	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0039 1.0040
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0035 1.0039 1.0040 1.0046
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805	Prior Year 1.0015 1.0024 1.0016 1.0020 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0019
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1994 1995 1996 1997 1998 1999	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0019 1.0017
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1994 1995 1996 1997 1998 1999 2000	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0019 1.0017 1.0022
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0019 1.0017 1.0022 1.0019
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0017 1.0017 1.0017 1.0022 1.0019 1.0040
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 988,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0017 1.0017 1.0017 1.0022 1.0019 1.0040 1.0044
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0017 1.0017 1.0022 1.0019 1.0040 1.0044 1.0044
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 988,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0017 1.0017 1.0017 1.0022 1.0019 1.0040 1.0044
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0017 1.0017 1.0022 1.0019 1.0040 1.0044 1.0064 1.0077
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0019 1.0019 1.0017 1.0022 1.0019 1.0040 1.0044 1.0044 1.0044 1.0077 1.0088
Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893 716,596,655 666,761,868 596,895,691	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0019 1.0017 1.0022 1.0019 1.0040 1.0044 1.0064 1.0077 1.0088 1.0102
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	$\begin{array}{r} 12/31/15 \\ \hline 4,624,657,710 \\ 702,471,966 \\ 854,697,282 \\ 965,557,516 \\ 1,116,635,141 \\ 1,142,256,580 \\ 985,803,782 \\ 833,957,913 \\ 727,776,056 \\ 665,754,343 \\ 570,145,064 \\ 492,429,986 \\ 507,443,977 \\ 510,505,644 \\ 579,190,204 \\ 616,505,689 \\ 624,632,170 \\ 646,608,660 \\ 629,646,189 \\ 660,214,504 \\ 672,874,630 \\ 689,735,893 \\ 716,596,655 \\ 666,761,868 \\ 596,895,691 \\ 607,162,611 \\ \end{array}$	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913 623,059,411	Prior Year 1.0015 1.0024 1.0020 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0018 1.0019 1.0017 1.0019 1.0017 1.0022 1.0019 1.0017 1.0022 1.0019 1.0044 1.0044 1.0064 1.0077 1.0088 1.0102 1.0107 1.0217 1.0262
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893 716,596,655 666,761,868 596,895,691 607,162,611 567,698,732	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913 623,059,411 589,959,625	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0017 1.0017 1.0017 1.0022 1.0019 1.0017 1.0022 1.0019 1.0044 1.0064 1.0077 1.0088 1.0102 1.0107 1.0217 1.0262 1.0392
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 492,429,986 507,443,977 510,505,644 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893 716,596,655 666,761,868 596,695,691 607,162,611 567,698,732 467,949,764	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913 623,059,411 589,959,625 513,335,088	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0017 1.0017 1.0012 1.0019 1.0017 1.0022 1.0019 1.0044 1.0077 1.0088 1.0102 1.0107 1.0217 1.028 1.0107 1.0217 1.0262 1.0392 1.0970
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,691 607,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893 716,596,655 666,761,868 596,895,691 607,162,611 567,698,732 467,949,764 395,032,351	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913 623,059,411 589,959,625 513,335,088 495,922,555	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0017 1.0012 1.0019 1.0017 1.0022 1.0019 1.0044 1.0064 1.0077 1.0088 1.0102 1.0107 1.0217 1.0262 1.0392 1.0970 1.2554
Valued Prior to 1986 1987 1988 1989 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	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 833,957,913 727,776,056 665,754,343 570,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893 716,596,655 666,761,868 596,895,691 607,162,611 567,698,732 467,949,764 395,032,351 211,976,656	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913 623,059,411 589,959,625 513,335,088 495,922,555 396,818,028	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0017 1.0017 1.0022 1.0019 1.0040 1.0044 1.0077 1.0088 1.0102 1.0107 1.0217 1.0262 1.0392 1.0970 1.2554 1.8720
Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	12/31/15 4,624,657,710 702,471,966 854,697,282 965,557,516 1,116,635,141 1,142,256,580 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,803,782 985,691 607,145,064 492,429,986 507,443,977 510,505,644 579,190,204 616,505,689 624,632,170 646,608,660 629,646,189 660,214,504 672,874,630 689,735,893 716,596,655 666,761,868 596,895,691 607,162,611 567,698,732 467,949,764 395,032,351	12/31/16 4,631,393,876 704,135,529 856,059,302 967,441,515 1,119,923,195 1,145,499,500 989,273,902 837,249,307 730,687,430 668,799,448 572,323,066 493,973,095 508,363,409 511,492,805 580,181,990 617,840,938 625,802,688 649,203,079 632,394,442 664,464,647 678,060,906 695,771,838 723,921,319 673,920,827 609,860,913 623,059,411 589,959,625 513,335,088 495,922,555	Prior Year 1.0015 1.0024 1.0016 1.0029 1.0028 1.0035 1.0039 1.0040 1.0046 1.0038 1.0031 1.0018 1.0017 1.0012 1.0019 1.0017 1.0022 1.0019 1.0044 1.0064 1.0077 1.0088 1.0102 1.0107 1.0217 1.0262 1.0392 1.0970 1.2554

MEDICAL PAID LOSSES

Policy Year Valued	As of 12/31/14	As of 12/31/15	Ratio to Prior Year
Prior			
to 1986	1,372,923,933	1,386,242,742	1.0097
1986	307,276,300	309,049,742	1.0058
1987	404,133,862	407,025,030	1.0072
1988	494,201,399	497,595,723	1.0069
1989	594,994,673	600,237,486	1.0088
1990	633,817,888	637,860,192	1.0064
1991	582,262,802	586,234,018	1.0068
1992	527,846,136	533,114,596	1.0100
1993	453,205,055	457,657,164	1.0098
1994	421,127,864	426,343,000	1.0124
1995	386,143,047	388,993,171	1.0074
1996	372,846,632	376,632,384	1.0102
1997	387,838,631	391,392,883	1.0092
1998	409,661,803	413,752,937	1.0100
1999	437,117,417	440,442,149	1.0076
2000	469,947,743	474,745,095	1.0102
2001	464,880,542	467,988,570	1.0067
2002	496,206,405	503,237,067	1.0142
2003	518,654,675	524,362,271	1.0110
2004	563,813,222	570,120,891	1.0112
2005	576,722,031	584,924,874	1.0142
2006	584,677,500	593,739,017	1.0155
2007	629,597,404	638,538,678	1.0142
2008	573,368,370	581,034,358	1.0134
2009	523,266,559	531,748,927	1.0162
2010	560,944,623	572,323,286	1.0203
2011	560,043,598	579,654,224	1.0350
	489,273,850	523,277,918	1.0695
2012	403,273,030	020,211,010	
2013	414,790,359	519,655,225	1.2528
2013 2014 2015 Policy Year Valued	414,790,359	519,655,225 426,979,703	1.2528
2013 2014 2015 Policy Year Valued Prior	414,790,359 123,499,550 As of 12/31/15	519,655,225 426,979,703 115,282,819 As of 12/31/16	1.2528 3.4573 Ratio to Prior Year
2013 2014 2015 Policy Year Valued Prior to 1986	414,790,359 123,499,550 As of 12/31/15 1,386,184,065	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148	1.2528 3.4573 Ratio to Prior Year 1.0082
2013 2014 2015 Policy Year Valued Prior to 1986 1986	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058
2013 2014 2015 Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0104 1.0084
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 566,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0104 1.0084 1.0076
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0104 1.0104 1.0076 1.0080
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1995 1995 1996 1997 1998 1999 2000 2001	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0104 1.0104 1.0104 1.0104 1.0084 1.0076 1.0080 1.0088
2013 2014 2015 Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0104 1.0104 1.0104 1.0084 1.0076 1.0080 1.0088 1.0144
2013 2014 2015 Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002 2003	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0104 1.0084 1.0076 1.0080 1.0088 1.0144 1.0104
2013 2014 2015 Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0084 1.0076 1.0080 1.0080 1.0088 1.0144 1.0104 1.0093
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 1998 1999 2000 2001 2000 2001 2002 2003 2004 2005	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0084 1.0076 1.0080 1.0088 1.0144 1.0104 1.0093 1.0100
2013 2014 2015 Policy Year Valued Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0144 1.0104 1.0093 1.0100 1.0148
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0144 1.0104 1.0093 1.0100 1.0148 1.0140
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 566,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057 574,583,955	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0058 1.0104 1.0084 1.0084 1.0084 1.0084 1.0084 1.0088 1.0144 1.0093 1.0100 1.0148 1.0140 1.0113
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2001 2002 2003 2004 2005 2006 2007 2008 2009	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 566,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057 574,583,955 518,873,677	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0084 1.0044 1.0084 1.0088 1.0144 1.0088 1.0144 1.0093 1.0100 1.0148 1.0140 1.0113 1.0129
2013 2014 2015 Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448 553,095,772	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057 574,583,955 518,873,677 561,770,641	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0104 1.0084 1.0104 1.0088 1.0144 1.0093 1.0100 1.0148 1.0140 1.0148 1.0140 1.0113 1.0129 1.0157
2013 2014 2015 Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1995 1996 1997 1998 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448 553,095,772 555,328,468	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057 574,583,955 518,873,677 561,770,641 564,792,909	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0104 1.0104 1.0104 1.0084 1.0104 1.0088 1.0104 1.0088 1.0144 1.0093 1.0108 1.0148 1.0148 1.0140 1.0113 1.0129 1.0157 1.0170
2013 2014 2015 Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2004 2005 2006 2007 2008 2007 2008 2009 2010 2011 2012	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448 553,095,772 555,328,468 486,445,734	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,033 592,590,732 636,175,057 574,583,955 518,873,677 561,770,641 564,792,909 503,768,010	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0103 1.0104 1.0104 1.0104 1.0084 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0144 1.0104 1.0148 1.0140 1.0113 1.0129 1.0157 1.0170 1.0356
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 438,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448 553,095,772 555,328,468 486,445,734	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057 574,583,955 518,873,677 561,770,641 564,792,909 503,768,010 513,348,455	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0084 1.0104 1.0084 1.0076 1.0088 1.0104 1.0088 1.0144 1.0093 1.0100 1.0148 1.0144 1.0144 1.0144 1.0144 1.01457 1.0170 1.0356 1.0754
2013 2014 2015 Prior to 1986 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2004 2005 2006 2007 2008 2007 2008 2009 2010 2011 2012	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 498,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448 553,095,772 555,328,468 486,445,734 477,376,969 398,148,477	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,033 592,590,732 636,175,057 574,583,955 518,873,677 561,770,641 564,792,909 503,768,010	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0103 1.0104 1.0104 1.0104 1.0084 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0104 1.0088 1.0104 1.0093 1.0100 1.0148 1.0140 1.0113 1.0129 1.0157 1.0170 1.0356
2013 2014 2015 Policy Year Valued Prior to 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	414,790,359 123,499,550 As of 12/31/15 1,386,184,065 309,035,659 407,043,611 497,574,746 600,241,316 637,878,412 586,249,982 533,143,884 457,669,149 426,337,651 389,005,847 376,630,871 391,386,284 413,750,190 439,355,104 467,747,591 459,309,687 438,748,231 515,110,569 561,704,871 575,853,464 583,925,176 627,381,401 568,158,693 512,268,448 553,095,772 555,328,468 486,445,734	519,655,225 426,979,703 115,282,819 As of 12/31/16 1,397,569,148 311,818,890 410,623,515 500,522,830 606,260,544 642,773,747 589,703,480 539,156,677 461,086,469 430,985,760 391,255,969 380,555,829 395,475,573 417,205,908 442,679,587 471,484,045 463,354,811 505,946,342 520,482,146 566,937,710 581,590,003 592,590,732 636,175,057 574,583,955 518,873,677 561,770,641 564,792,909 503,768,010 513,348,455	1.2528 3.4573 Ratio to Prior Year 1.0082 1.0090 1.0088 1.0059 1.0100 1.0077 1.0059 1.0113 1.0075 1.0109 1.0058 1.0104 1.0084 1.0104 1.0084 1.0076 1.0080 1.0088 1.0104 1.0088 1.0144 1.0093 1.0100 1.0148 1.0140 1.0113 1.0129 1.0157 1.0170 1.0356 1.0754

EXHIBIT VII

LOSS COST FORMULAE

The experience used for classification relativities for the January 1, 2019 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 January 1, 2019 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 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 January 1, 2019 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 January 1, 2019 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 Year	Premium at Manual Rates	Collected Premium (Excluding Constants)	Collectible Premium Ratio (2)/(3)
(1)	(2)	(3)	(4)
	AL	L INDUSTRIES	
2012 2013	2,773,363,565 2,765,118,305	2,716,410,500 2,695,722,981	1.0210 1.0257
2014	2,756,227,220	2,678,583,298	1.0290
TOTAL	8,294,709,090	8,090,716,779	1.0252
	MANUFAC	FURING AND UTILITIES	
2012 2013	570,622,932 565,329,433	550,861,554 543,685,240	1.0359 1.0398
2014	564,443,027	542,238,876	1.0409
TOTAL	1,700,395,392	1,636,785,670	1.0389
	CONTRAC	TING AND QUARRYING	
2012	526,615,593	473,301,153	1.1126
2013	526,957,286	470,108,430	1.1209
2014	534,892,299	470,016,147	1.1380
TOTAL	1,588,465,178	1,413,425,730	1.1238
	OTH	ER INDUSTRIES	
2012	1,676,125,040	1,692,247,793	0.9905
2013	1,672,831,586	1,681,929,311	0.9946
2014	1,656,891,894	1,666,328,275	0.9943
TOTAL	5,005,848,520	5,040,505,379	0.9931

* Excludes classifications and coverages not subject to experience rating.

EXHIBIT IX

CALCULATION OF EXPECTED LOSS COST FACTORS (a)

Policy Year Beginning <u>1/1</u> (1)	HB 1846 Adjustment Factor (2)	Protz Adjustment <u>Factor</u> (3)	Loss Ratio Development <u>Factor</u> (4)	Collectible Premium Ratio (5)	Trend Factor (6)	Product (2) * (3) * (4) <u>* (5) * (6)</u> (7)	Expected Loss Cost Factor 1.0 / (7) (8)
			Manufacturing	and I Itilities			
			Manulacturing	and oundes			
2015 2016 2017	1.0000 1.0000 1.0000	1.0349 1.0207 1.0164	1.1181 1.2253 1.5184	1.0389 1.0389 1.0389	0.9029 0.9287 0.9552	1.0854 1.2067 1.5315	0.9213 0.8287 0.6530
			Contracting a	nd Quarrying			
2015 2016 2017	1.0000 1.0000 1.0000	1.0349 1.0207 1.0164	1.1712 1.2547 1.5125	1.1238 1.1238 1.1238	0.9029 0.9287 0.9552	1.2298 1.3366 1.6502	0.8131 0.7482 0.6060
	Other Industries						
2015 2016 2017	1.0000 1.0000 1.0000	1.0349 1.0207 1.0164	1.1179 1.2201 1.5142	0.9931 0.9931 0.9931	0.9029 0.9287 0.9552	1.0373 1.1486 1.4599	0.9640 0.8706 0.6850

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 =	0.3106
Second Adjustment	RDF =	0.1733
Third Adjustment	RDF =	0.1089

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:

The \$25,000 limit Hazard Grou	ip C ELF = 0.66	5
Then First Adjustment RDF =	(1 - 0.665) * 0.3106 = 0.1041	5

* The use of retrospective development factors is optional.