

**Comments:**

Items in **BLUE** are inputs.

**Scenario**

**Driven Labeling**

Moderate Scenario  
Exhibit 2, Page 1  
Exhibit 2, Page 2  
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Exhibit 3, Page 1  
Exhibit 3, Page 2  
Exhibit 3, Page 3  
Exhibit 4, Page 1  
Exhibit 4, Page 2  
Exhibit 4, Page 3

**Exhibit Labels by Scenario**

Moderate Scenario	Severe Scenario
Exhibit 2, Page 1	Exhibit 5, Page 1
Exhibit 2, Page 2	Exhibit 5, Page 2
Exhibit 2, Page 3	Exhibit 5, Page 3
Exhibit 3, Page 1	Exhibit 6, Page 1
Exhibit 3, Page 2	Exhibit 6, Page 2
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**Scale**

1,000,000  
(millions)

Numeric divisor  
Descriptive

### Moderate Scenario Assumptions

Scenario (1)	<b>M</b>	<i>Choose "M" (Moderate) or "S" (Severe)</i>	
Excess Curve (2)	<b>\</b>	<i>Choose "Flat", "U", 1918 "\", or "W" shaped distribution of excess deaths</i>	
Population XS Deaths per 1000 (3)	0.70	Moderate 0.70	Severe 6.50
Reins Credit % (4)	100.0%	100.0%	91.1%
Mortality Ratio of Insured vs Gen Pop (5)	57.1%	57.1%	76.9%

Age Range	Distribution of Excess Deaths by Age									
	US Census Population (6)	Excess qx Selected (7)	Flat Extra		"U" Curve (Seasonal)		1918 "\ " Curve		Hypothetical "W" Curve	
			Percentage (8)	Excess qx (9)	Percentage (10)	Excess qx (11)	Percentage (12)	Excess qx (13)	Percentage (14)	Excess qx (15)
0 - 4	20,071,268	1.24	100%	0.70	250%	1.75	177%	1.24	105%	0.74
5 - 9	19,605,572	0.25	100%	0.70	15%	0.11	35%	0.25	19%	0.13
10 - 14	21,145,156	0.25	100%	0.70	15%	0.11	35%	0.25	38%	0.27
15 - 19	20,729,802	0.74	100%	0.70	15%	0.11	106%	0.74	86%	0.60
20 - 24	20,971,302	1.07	100%	0.70	15%	0.11	153%	1.07	124%	0.87
25 - 29	19,560,906	1.57	100%	0.70	30%	0.21	224%	1.57	181%	1.27
30 - 34	20,471,032	1.57	100%	0.70	30%	0.21	224%	1.57	181%	1.27
35 - 39	21,052,318	0.91	100%	0.70	30%	0.21	130%	0.91	105%	0.73
40 - 44	23,056,334	0.74	100%	0.70	30%	0.21	106%	0.74	76%	0.53
45 - 49	22,122,629	0.58	100%	0.70	60%	0.42	82%	0.58	38%	0.27
50 - 54	19,496,176	0.41	100%	0.70	90%	0.63	59%	0.41	38%	0.27
55 - 59	16,489,501	0.33	100%	0.70	120%	0.84	47%	0.33	57%	0.40
60 - 64	12,589,423	0.25	100%	0.70	160%	1.12	35%	0.25	76%	0.53
65 - 69	9,956,467	0.17	100%	0.70	200%	1.40	24%	0.17	95%	0.67
70 - 74	8,507,005	0.17	100%	0.70	250%	1.75	24%	0.17	141%	0.99
75 - 79	7,410,757	0.08	100%	0.70	320%	2.24	12%	0.08	191%	1.33
80 - 84	5,560,125	0.08	100%	0.70	390%	2.73	12%	0.08	286%	2.00
85+	4,859,631	0.08	100%	0.70	1000%	7.00	12%	0.08	381%	2.67
Total	293,655,404	0.70		<b>0.70</b>		<b>0.70</b>		<b>0.70</b>		<b>0.70</b>

**Column Notes:**

- |  |   |
|--|---|
| (1) Selected scenario  | (8) Flat extra mortality %                                      |
| (2) Selected excess death curve  | (9) (8) x (3)   |
| (3) Assumed general population excess deaths per 1000 by scenario          | (10) Hypothetical distribution based on data from 1957 and 1968 |
| (4) Assumed reinsurance credit % by scenario                               | (11) (10) x (3)   |
| (5) Relative impact of pandemic on insured vs general population mortality | (12) Hypothetical distribution based on data from 1918          |
| (6) 2000 US Census projected to 2004                                       | (13) (12) x (3)   |
| (7) Selected scenario excess qx by age                                     | (14) Hypothetical distribution extrapolating historic data      |
|  | (15) (14) x (3)   |

### Insurance Company Data

Corporate Tax Rate (1) **35.0%**

	Gross	Ceded	Net
Individual Totals (2)	18.0	0.0	18.0 (millions)
Group Totals (3)	18.0	0.0	18.0 (millions)

#### INDIVIDUAL DATA

#### GROUP DATA

Age Range	Reserve per 1000	Individual Policyholders	Average Face	Reinsurance Ceded	Reserve per 1000	Individual Certholders	Average Face	Reinsurance Ceded
	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0 - 4	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
5 - 9	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
10 - 14	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
15 - 19	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
20 - 24	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
25 - 29	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
30 - 34	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
35 - 39	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
40 - 44	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
45 - 49	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
50 - 54	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
55 - 59	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
60 - 64	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
65 - 69	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
70 - 74	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
75 - 79	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
80 - 84	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000
85+	1.00	1,000	1,000	1,000	1.00	1,000	1,000	1,000

**Column Notes:**

- (1) Effective tax rate
- (2) Control totals for individual line of business
- (3) Control totals for group line of business
- (4) Based on company data
- (5) Based on company data; individuals may own multiple policies
- (6) Based on company data (average per policyholder)
- (7) Based on company data
- (8) Based on company data
- (9) Based on company data; individuals may hold multiple certs
- (10) Based on company data (average per certholder)
- (11) Based on company data

**Total Net Life Insurance Claims - Moderate Scenario**  
*General population 0.7 excess deaths per 1000, "VI" mortality curve*

Age Range	Gross Claims (1)	Reserve Release (2)	Reinsurance Credit (3)	Net Claims Before Taxes (4)	Tax Rate (5)	Net Claims After Taxes (6)
0 - 4	1,420	1	1	1,417	35%	921
5 - 9	280	0	0	279	35%	182
10 - 14	280	0	0	279	35%	182
15 - 19	840	1	1	838	35%	545
20 - 24	1,220	1	1	1,218	35%	791
25 - 29	1,780	2	2	1,776	35%	1,155
30 - 34	1,780	2	2	1,776	35%	1,155
35 - 39	1,040	1	1	1,038	35%	675
40 - 44	840	1	1	838	35%	545
45 - 49	660	1	1	659	35%	428
50 - 54	480	0	0	479	35%	311
55 - 59	380	0	0	379	35%	247
60 - 64	280	0	0	279	35%	182
65 - 69	180	0	0	180	35%	117
70 - 74	180	0	0	180	35%	117
75 - 79	100	0	0	100	35%	65
80 - 84	100	0	0	100	35%	65
85+	100	0	0	100	35%	65
<b>Total</b>	<b>11,940</b>	<b>12</b>	<b>12</b>	<b>11,916</b>		<b>7,745</b>

**Column Notes:**

- (1) Exhibit 2, Page 3, Column 11
- (2) Exhibit 3, Page 1, Column 5 + Exhibit 4, Page 1, Column 5
- (3) Exhibit 2, Page 2, Column 6
- (4) (1) - (2) - (3)
- (5) Exhibit 1, Page 3, Entry 1
- (6) (4) x [ 1 - (5) ]

**Reinsurance Analysis Total - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "VI" mortality curve**

Age Range	Reinsurance Distribution (1)	Reinsurance Ceded by Age (2)	Excess deaths per K (3)	Reinsurance Claims (4)	Reinsurance Credit Percent (5)	Reinsurance Credit (6)
0 - 4	N/A	2,000	0.71	1	100.0%	1
5 - 9	N/A	2,000	0.14	0	100.0%	0
10 - 14	N/A	2,000	0.14	0	100.0%	0
15 - 19	N/A	2,000	0.42	1	100.0%	1
20 - 24	N/A	2,000	0.61	1	100.0%	1
25 - 29	N/A	2,000	0.89	2	100.0%	2
30 - 34	N/A	2,000	0.89	2	100.0%	2
35 - 39	N/A	2,000	0.52	1	100.0%	1
40 - 44	N/A	2,000	0.42	1	100.0%	1
45 - 49	N/A	2,000	0.33	1	100.0%	1
50 - 54	N/A	2,000	0.24	0	100.0%	0
55 - 59	N/A	2,000	0.19	0	100.0%	0
60 - 64	N/A	2,000	0.14	0	100.0%	0
65 - 69	N/A	2,000	0.09	0	100.0%	0
70 - 74	N/A	2,000	0.09	0	100.0%	0
75 - 79	N/A	2,000	0.05	0	100.0%	0
80 - 84	N/A	2,000	0.05	0	100.0%	0
85+	N/A	2,000	0.05	0	100.0%	0
<b>Total</b>		<b>36,000</b>		<b>12</b>		<b>12</b>

**Column Notes:**

- (1) N/A
- (2) Exhibit 3, Page 2, Column 2 + Exhibit 4, Page 2, Column 2
- (3) Exhibit 2, Page 3, Column 8
- (4) (2) x (3) / 1000
- (5) Exhibit 1, Page 1, Entry 4
- (6) (4) x (5)

**Gross Claims Total - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "V1" mortality curve**

Age Range	US Census Population (1)	Percent Owning (2)	Total IL & GL Policyholders (3)	Average Face (4)	Face Amount In Force (5)	Population XS Deaths per 1000 (6)	Mort Ratio Insured vs Gen Pop (7)	Insured Pop XS Deaths per 1000 (8)	General Population XS Deaths (9)	Total IL & GL Policyholder XS Deaths (10)	Gross Claims (11)
0 - 4	20,071,268	N/A	2,000	1,000	2,000,000	1.24	57.1%	0.71	24,828	1	1,420
5 - 9	19,605,572	N/A	2,000	1,000	2,000,000	0.25	57.1%	0.14	4,843	0	280
10 - 14	21,145,156	N/A	2,000	1,000	2,000,000	0.25	57.1%	0.14	5,223	0	280
15 - 19	20,729,802	N/A	2,000	1,000	2,000,000	0.74	57.1%	0.42	15,382	1	840
20 - 24	20,971,302	N/A	2,000	1,000	2,000,000	1.07	57.1%	0.61	22,481	1	1,220
25 - 29	19,560,906	N/A	2,000	1,000	2,000,000	1.57	57.1%	0.89	30,652	2	1,780
30 - 34	20,471,032	N/A	2,000	1,000	2,000,000	1.57	57.1%	0.89	32,078	2	1,780
35 - 39	21,052,318	N/A	2,000	1,000	2,000,000	0.91	57.1%	0.52	19,094	1	1,040
40 - 44	23,056,334	N/A	2,000	1,000	2,000,000	0.74	57.1%	0.42	17,108	1	840
45 - 49	22,122,629	N/A	2,000	1,000	2,000,000	0.58	57.1%	0.33	12,765	1	660
50 - 54	19,496,176	N/A	2,000	1,000	2,000,000	0.41	57.1%	0.24	8,032	0	480
55 - 59	16,489,501	N/A	2,000	1,000	2,000,000	0.33	57.1%	0.19	5,442	0	380
60 - 64	12,589,423	N/A	2,000	1,000	2,000,000	0.25	57.1%	0.14	3,110	0	280
65 - 69	9,956,467	N/A	2,000	1,000	2,000,000	0.17	57.1%	0.09	1,643	0	180
70 - 74	8,507,005	N/A	2,000	1,000	2,000,000	0.17	57.1%	0.09	1,404	0	180
75 - 79	7,410,757	N/A	2,000	1,000	2,000,000	0.08	57.1%	0.05	608	0	100
80 - 84	5,560,125	N/A	2,000	1,000	2,000,000	0.08	57.1%	0.05	456	0	100
85+	4,859,631	N/A	2,000	1,000	2,000,000	0.08	57.1%	0.05	398	0	100
<b>Total</b>	<b>293,655,404</b>		<b>36,000</b>		<b>36,000,000</b>				<b>205,546</b>	<b>12</b>	<b>11,940</b>

<i>Excess deaths per 1000</i>	<b>0.70</b>	<b>0.33</b>	<b>0.33</b>
<i>Percent less than 20</i>	<b>24.5%</b>	<b>23.6%</b>	<b>23.6%</b>
<i>Percent 20 - 64</i>	<b>73.3%</b>	<b>70.9%</b>	<b>70.9%</b>
<i>Percent 65+</i>	<b>2.2%</b>	<b>5.5%</b>	<b>5.5%</b>

*Average Face Amount* 1,000  
*Net Amount Inforce (millions)* 36

**Column Notes:**

- (1) Exhibit 1, Page 1, Column 6
- (2) N/A
- (3) Exhibit 3, Page 3, Column 3 + Exhibit 4, Page 3, Column 3
- (4) (5) / (3)
- (5) Exhibit 3, Page 3, Column 5 + Exhibit 4, Page 3, Column 5
- (6) Exhibit 1, Page 1, Column 7
- (7) Exhibit 1, Page 1, Entry 5
- (8) (6) x (7)
- (9) (1) x (6) / 1000
- (10) (3) x (8) / 1000
- (11) (4) x (10)

**Net Individual Claims - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "V" mortality curve**

Age Range	Gross Claims (1)	Reinsurance Credit (2)	Net Claims (3)	Reserve per 1000 (4)	Reserve Release (5)	Net Claims Before Taxes (6)	Tax Rate (7)	Net Claims After Taxes (8)
0 - 4	710	1	709	1.00	1	709	35%	461
5 - 9	140	0	140	1.00	0	140	35%	91
10 - 14	140	0	140	1.00	0	140	35%	91
15 - 19	420	0	420	1.00	0	419	35%	272
20 - 24	610	1	609	1.00	1	609	35%	396
25 - 29	890	1	889	1.00	1	888	35%	577
30 - 34	890	1	889	1.00	1	888	35%	577
35 - 39	520	1	519	1.00	1	519	35%	337
40 - 44	420	0	420	1.00	0	419	35%	272
45 - 49	330	0	330	1.00	0	329	35%	214
50 - 54	240	0	240	1.00	0	240	35%	156
55 - 59	190	0	190	1.00	0	190	35%	123
60 - 64	140	0	140	1.00	0	140	35%	91
65 - 69	90	0	90	1.00	0	90	35%	58
70 - 74	90	0	90	1.00	0	90	35%	58
75 - 79	50	0	50	1.00	0	50	35%	32
80 - 84	50	0	50	1.00	0	50	35%	32
85+	50	0	50	1.00	0	50	35%	32
<b>Total</b>	<b>5,970</b>	<b>6</b>	<b>5,964</b>		<b>6</b>	<b>5,958</b>		<b>3,873</b>
	<i>% of Gross Claims</i>	<i>0.1%</i>	<i>99.9%</i>		<i>0.1%</i>	<i>99.8%</i>		<i>64.9%</i>

**Column Notes:**

- (1) Exhibit 3, Page 3, Column 11  
(2) Exhibit 3, Page 2, Column 6  
(3) (1) - (2)  
(4) Exhibit 1, Page 3, Column 4

- (5) (3) x (4) / 1000  
(6) (1) - (2) - (5)  
(7) Exhibit 1, Page 3, Entry 1  
(8) (6) x [ 1 - (7) ]



**Individual Reinsurance Analysis - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "V1" mortality curve**

Age Range	Reinsurance Distribution (1)	Reinsurance Ceded by Age (2)	Excess deaths per K (3)	Reinsurance Claims (4)	Reinsurance Credit Percent (5)	Reinsurance Credit (6)
0 - 4	N/A	1,000	0.71	1	100.0%	1
5 - 9	N/A	1,000	0.14	0	100.0%	0
10 - 14	N/A	1,000	0.14	0	100.0%	0
15 - 19	N/A	1,000	0.42	0	100.0%	0
20 - 24	N/A	1,000	0.61	1	100.0%	1
25 - 29	N/A	1,000	0.89	1	100.0%	1
30 - 34	N/A	1,000	0.89	1	100.0%	1
35 - 39	N/A	1,000	0.52	1	100.0%	1
40 - 44	N/A	1,000	0.42	0	100.0%	0
45 - 49	N/A	1,000	0.33	0	100.0%	0
50 - 54	N/A	1,000	0.24	0	100.0%	0
55 - 59	N/A	1,000	0.19	0	100.0%	0
60 - 64	N/A	1,000	0.14	0	100.0%	0
65 - 69	N/A	1,000	0.09	0	100.0%	0
70 - 74	N/A	1,000	0.09	0	100.0%	0
75 - 79	N/A	1,000	0.05	0	100.0%	0
80 - 84	N/A	1,000	0.05	0	100.0%	0
85+	N/A	1,000	0.05	0	100.0%	0
<b>Total</b>		<b>18,000</b>		<b>6</b>		<b>6</b>

**Column Notes:**

- (1) N/A
- (2) Exhibit 1, Page 3, Column 7
- (3) Exhibit 3, Page 3, Column 8
- (4) (2) x (3) / 1000
- (5) Exhibit 1, Page 1, Entry 4
- (6) (4) x (5)

**Gross Individual Claims - Moderate Scenario**  
*General population 0.7 excess deaths per 1000, "VI" mortality curve*

Age Range	US Census Population (1)	Percent Owning (2)	Individual Policy Holders (3)	Average Face (4)	Face Amount In Force (5)	Population XS Deaths per 1000 (6)	Mort Ratio Insured vs Gen Pop (7)	Insured Pop XS Deaths per 1000 (8)	General Population XS Deaths (9)	Insured Population XS Deaths (10)	Gross Claims (11)
0 - 4	20,071,268	N/A	1,000	1,000	1,000,000	1.24	57.1%	0.71	24,828	1	710
5 - 9	19,605,572	N/A	1,000	1,000	1,000,000	0.25	57.1%	0.14	4,843	0	140
10 - 14	21,145,156	N/A	1,000	1,000	1,000,000	0.25	57.1%	0.14	5,223	0	140
15 - 19	20,729,802	N/A	1,000	1,000	1,000,000	0.74	57.1%	0.42	15,382	0	420
20 - 24	20,971,302	N/A	1,000	1,000	1,000,000	1.07	57.1%	0.61	22,481	1	610
25 - 29	19,560,906	N/A	1,000	1,000	1,000,000	1.57	57.1%	0.89	30,652	1	890
30 - 34	20,471,032	N/A	1,000	1,000	1,000,000	1.57	57.1%	0.89	32,078	1	890
35 - 39	21,052,318	N/A	1,000	1,000	1,000,000	0.91	57.1%	0.52	19,094	1	520
40 - 44	23,056,334	N/A	1,000	1,000	1,000,000	0.74	57.1%	0.42	17,108	0	420
45 - 49	22,122,629	N/A	1,000	1,000	1,000,000	0.58	57.1%	0.33	12,765	0	330
50 - 54	19,496,176	N/A	1,000	1,000	1,000,000	0.41	57.1%	0.24	8,032	0	240
55 - 59	16,489,501	N/A	1,000	1,000	1,000,000	0.33	57.1%	0.19	5,442	0	190
60 - 64	12,589,423	N/A	1,000	1,000	1,000,000	0.25	57.1%	0.14	3,110	0	140
65 - 69	9,956,467	N/A	1,000	1,000	1,000,000	0.17	57.1%	0.09	1,643	0	90
70 - 74	8,507,005	N/A	1,000	1,000	1,000,000	0.17	57.1%	0.09	1,404	0	90
75 - 79	7,410,757	N/A	1,000	1,000	1,000,000	0.08	57.1%	0.05	608	0	50
80 - 84	5,560,125	N/A	1,000	1,000	1,000,000	0.08	57.1%	0.05	456	0	50
85+	4,859,631	N/A	1,000	1,000	1,000,000	0.08	57.1%	0.05	398	0	50
<b>Total</b>	<b>293,655,404</b>		<b>18,000</b>		<b>18,000,000</b>				<b>205,546</b>	<b>6</b>	<b>5,970</b>

<i>Excess deaths per 1000</i>	<b>0.70</b>	<b>0.33</b>	<b>0.33</b>
<i>Average Face Amount</i>	1,000		
<i>Net Amount Inforce (millions)</i>	18		
<i>Percent less than 20</i>	<b>24.5%</b>	<b>23.6%</b>	<b>23.6%</b>
<i>Percent 20 - 64</i>	<b>73.3%</b>	<b>70.9%</b>	<b>70.9%</b>
<i>Percent 65+</i>	<b>2.2%</b>	<b>5.5%</b>	<b>5.5%</b>

**Column Notes:**

- |                                 |                                |
|---------------------------------|--------------------------------|
| (1) Exhibit 1, Page 1, Column 6 | (7) Exhibit 1, Page 1, Entry 5 |
| (2) N/A                         | (8) (6) x (7)                  |
| (3) Exhibit 1, Page 3, Column 5 | (9) (1) x (6) / 1000           |
| (4) Exhibit 1, Page 3, Column 6 | (10) (3) x (8) / 1000          |
| (5) (3) x (4)                   | (11) (4) x (10)                |
| (6) Exhibit 1, Page 1, Column 7 |                                |

**Net Group Claims - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "VI" mortality curve**

ate Age Range	Gross Claims (1)	Reinsurance Credit (2)	Net Claims (3)	Reserve per 1000 (4)	Reserve Release (5)	Net Claims Before Taxes (6)	Tax Rate (7)	Net Claims After Taxes (8)
0 - 4	710	1	709	1.00	1	709	35%	461
5 - 9	140	0	140	1.00	0	140	35%	91
10 - 14	140	0	140	1.00	0	140	35%	91
15 - 19	420	0	420	1.00	0	419	35%	272
20 - 24	610	1	609	1.00	1	609	35%	396
25 - 29	890	1	889	1.00	1	888	35%	577
30 - 34	890	1	889	1.00	1	888	35%	577
35 - 39	520	1	519	1.00	1	519	35%	337
40 - 44	420	0	420	1.00	0	419	35%	272
45 - 49	330	0	330	1.00	0	329	35%	214
50 - 54	240	0	240	1.00	0	240	35%	156
55 - 59	190	0	190	1.00	0	190	35%	123
60 - 64	140	0	140	1.00	0	140	35%	91
65 - 69	90	0	90	1.00	0	90	35%	58
70 - 74	90	0	90	1.00	0	90	35%	58
75 - 79	50	0	50	1.00	0	50	35%	32
80 - 84	50	0	50	1.00	0	50	35%	32
85+	50	0	50	1.00	0	50	35%	32
<b>Total</b>	<b>5,970</b>	<b>6</b>	<b>5,964</b>		<b>6</b>	<b>5,958</b>		<b>3,873</b>
	<i>% of Gross Claims</i>	<i>0.1%</i>			<i>0.1%</i>	<i>99.8%</i>		<i>64.9%</i>

**Column Notes:**

- (1) Exhibit 4, Page 3, Column 11  
(2) Exhibit 4, Page 2, Column 6  
(3) (1) - (2)  
(4) Exhibit 1, Page 3, Column 8

- (5) (3) x (4) / 1000  
(6) (1) - (2) - (5)  
(7) Exhibit 1, Page 3, Entry 1  
(8) (6) x [ 1 - (7) ]

**Group Reinsurance Analysis - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "V1" mortality curve**

Age Range	Reinsurance Distribution (1)	Reinsurance Ceded by Age (2)	Excess deaths per K (3)	Reinsurance Claims (4)	Reinsurance Credit Percent (5)	Reinsurance Credit (6)
0 - 4	N/A	1,000	0.71	1	100.0%	1
5 - 9	N/A	1,000	0.14	0	100.0%	0
10 - 14	N/A	1,000	0.14	0	100.0%	0
15 - 19	N/A	1,000	0.42	0	100.0%	0
20 - 24	N/A	1,000	0.61	1	100.0%	1
25 - 29	N/A	1,000	0.89	1	100.0%	1
30 - 34	N/A	1,000	0.89	1	100.0%	1
35 - 39	N/A	1,000	0.52	1	100.0%	1
40 - 44	N/A	1,000	0.42	0	100.0%	0
45 - 49	N/A	1,000	0.33	0	100.0%	0
50 - 54	N/A	1,000	0.24	0	100.0%	0
55 - 59	N/A	1,000	0.19	0	100.0%	0
60 - 64	N/A	1,000	0.14	0	100.0%	0
65 - 69	N/A	1,000	0.09	0	100.0%	0
70 - 74	N/A	1,000	0.09	0	100.0%	0
75 - 79	N/A	1,000	0.05	0	100.0%	0
80 - 84	N/A	1,000	0.05	0	100.0%	0
85+	N/A	1,000	0.05	0	100.0%	0
<b>Total</b>		<b>18,000</b>		<b>6</b>		<b>6</b>

**Column Notes:**

- (1) N/A
- (2) Exhibit 1, Page 3, Column 11
- (3) Exhibit 4, Page 3, Column 8
- (4) (2) x (3) / 1000
- (5) Exhibit 1, Page 1, Entry 4
- (6) (4) x (5)

**Gross Group Claims - Moderate Scenario**  
**General population 0.7 excess deaths per 1000, "V" mortality curve**

Age Range	US Census Population (1)	Percent Owning (2)	Individual Certificate Holders (3)	Average Face (4)	Face Amount In Force (5)	Population XS Deaths per 1000 (6)	Mort Ratio Insured vs Gen Pop (7)	Insured Pop XS Deaths per 1000 (8)	General Population XS Deaths (9)	Insured Population XS Deaths (10)	Gross Claims (11)
0 - 4	20,071,268	N/A	1,000	1,000	1,000,000	1.24	57.1%	0.71	24,828	1	710
5 - 9	19,605,572	N/A	1,000	1,000	1,000,000	0.25	57.1%	0.14	4,843	0	140
10 - 14	21,145,156	N/A	1,000	1,000	1,000,000	0.25	57.1%	0.14	5,223	0	140
15 - 19	20,729,802	N/A	1,000	1,000	1,000,000	0.74	57.1%	0.42	15,382	0	420
20 - 24	20,971,302	N/A	1,000	1,000	1,000,000	1.07	57.1%	0.61	22,481	1	610
25 - 29	19,560,906	N/A	1,000	1,000	1,000,000	1.57	57.1%	0.89	30,652	1	890
30 - 34	20,471,032	N/A	1,000	1,000	1,000,000	1.57	57.1%	0.89	32,078	1	890
35 - 39	21,052,318	N/A	1,000	1,000	1,000,000	0.91	57.1%	0.52	19,094	1	520
40 - 44	23,056,334	N/A	1,000	1,000	1,000,000	0.74	57.1%	0.42	17,108	0	420
45 - 49	22,122,629	N/A	1,000	1,000	1,000,000	0.58	57.1%	0.33	12,765	0	330
50 - 54	19,496,176	N/A	1,000	1,000	1,000,000	0.41	57.1%	0.24	8,032	0	240
55 - 59	16,489,501	N/A	1,000	1,000	1,000,000	0.33	57.1%	0.19	5,442	0	190
60 - 64	12,589,423	N/A	1,000	1,000	1,000,000	0.25	57.1%	0.14	3,110	0	140
65 - 69	9,956,467	N/A	1,000	1,000	1,000,000	0.17	57.1%	0.09	1,643	0	90
70 - 74	8,507,005	N/A	1,000	1,000	1,000,000	0.17	57.1%	0.09	1,404	0	90
75 - 79	7,410,757	N/A	1,000	1,000	1,000,000	0.08	57.1%	0.05	608	0	50
80 - 84	5,560,125	N/A	1,000	1,000	1,000,000	0.08	57.1%	0.05	456	0	50
85+	4,859,631	N/A	1,000	1,000	1,000,000	0.08	57.1%	0.05	398	0	50
	293,655,404		18,000		18,000,000				205,546	6	5,970

<i>Excess deaths per 1000</i>	<b>0.70</b>	<b>0.33</b>	<b>0.33</b>
<i>Average Face Amount</i>	1,000		
<i>Net Amount Inforce (millions)</i>	18		
<i>Percent less than 20</i>	<b>24.5%</b>	<b>23.6%</b>	<b>23.6%</b>
<i>Percent 20 - 64</i>	<b>73.3%</b>	<b>70.9%</b>	<b>70.9%</b>
<i>Percent 65+</i>	<b>2.2%</b>	<b>5.5%</b>	<b>5.5%</b>

**Column Notes:**

- |                                  |                                |
|----------------------------------|--------------------------------|
| (1) Exhibit 1, Page 1, Column 6  | (7) Exhibit 1, Page 1, Entry 5 |
| (2) N/A                          | (8) (6) x (7)                  |
| (3) Exhibit 1, Page 3, Column 9  | (9) (1) x (6) / 1000           |
| (4) Exhibit 1, Page 3, Column 10 | (10) (3) x (8) / 1000          |
| (5) (3) x (4)                    | (11) (4) x (10)                |
| (6) Exhibit 1, Page 1, Column 7  |                                |