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## Estimating Industry Aggregates

							_				Exhibit 2, Page
				Gross	Claims Total -	Moderat	e Scenar	io			
			Genera	al populati	on 0.7 excess dea	ths per 100	00, "U " mo	rtality curve	,		
						Population	Mort Ratio	Insured Pop	General	Total IL & GL	
	US Census	Percent	Total IL & GL	Average	Face Amount	XS Deaths	Insured vs	XS Deaths	Population	Policyholder	Gross
	Population	Owning	Policyholders	Face	In Force	per 1000	Gen Pop	per 1000	XS Deaths	XS Deaths	Claims
Age Range	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0 - 4	20,071,268	30%	6,021,380	21,500	129,459,670,000	1.75	57.1%	1.00	35,125	6,021	129,459,670
5 - 9	19,605,572	50%	9,802,786	21,500	210,759,899,000	0.11	57.1%	0.06	2,059	588	12,645,594
10 - 14	21,145,156	60%	12,687,094	21,500	272,772,521,000	0.11	57.1%	0.06	2,220	761	16,366,351
15 - 19	20,729,802	65%	13,474,372	36,154	487,150,370,000	0.11	57.1%	0.06	2,177	808	29,229,022
20 - 24	20,971,302	50%	10,485,652	55,000	576,710,860,000	0.11	57.1%	0.06	2,202	629	34,602,652
25 - 29	19,560,906	65%	12,714,589	100,769	1,281,239,390,000	0.21	57.1%	0.12	4,108	1,526	153,748,727
30 - 34	20,471,032	80%	16,376,826	131,250	2,149,458,440,000	0.21	57.1%	0.12	4,299	1,965	257,935,013
35 - 39	21,052,318	90%	18,947,086	208,333	3,947,309,565,000	0.21	57.1%	0.12	4,421	2,274	473,677,148
40 - 44	23,056,334	95%	21,903,517	213, 158	4,668,907,545,000	0.21	57.1%	0.12	4,842	2,628	560,268,905
45 - 49	22,122,629	100%	22,122,630	150,000	3,318,394,500,000	0.42	57.1%	0.24	9,292	5,309	796,414,680
50 - 54	19,496,176	100%	19,496,176	125,000	2,437,022,000,000	0.63	57.1%	0.36	12,283	7,019	877,327,920
55 - 59	16,489,501	90%	14,840,550	112,500	1,669,561,875,000	0.84	57.1%	0.48	13,851	7,123	801,389,700
60 - 64	12,589,423	85%	10,701,009	90,588	969,385,520,000	1.12	57.1%	0.64	14,100	6,849	620,406,733
65 - 69	9,956,467	80%	7,965,174	69,375	552,583,950,000	1.40	57.1%	0.80	13,939	6,372	442,067,160
70 - 74	8,507,005	75%	6,380,254	61,667	393,449,010,000	1.75	57.1%	1.00	14,887	6,380	393,449,010
75 - 79	7,410,757	70%	5,187,530	56,429	292,724,920,000	2.24	57.1%	1.28	16,600	6,640	374,687,898
80 - 84	5,560,125	70%	3,892,088	45,714	177,924,025,000	2.73	57.1%	1.56	15,179	6,072	277,561,479
85+	4,859,631	70%	3,401,742	45,714	155,508,210,000	7.00	57.1%	4.00	34,017	13,607	622,032,840
Total	293,655,404		216,400,455		23,690,322,270,000				205,600	82,573	6,873,270,501
							Excess de	aths per 1000	0.70	0.38	0.29
			Average Face Amount		109,474		Percent less than 20		20.2%	9.9%	2.7
			Net Amount Inforce (billions)		18,127		Percent 20 - 64		33.8%	42.8%	66.6%
			% Total F	Policyholders	73.7%			Percent 65+	46.0%	47.3%	30.7%

						Exhibit 2, Pag
	Total Net I	ife Insuran	ce Claims -	Moderate So	enario	
	Conorol nonu	lation 0.7 avon		1000 "II " mort		•
	General popul		ss deallis per		anty curve	9
	Gross	Reserve	Reinsurance	Net Claims		Net Claims
	Claims	Release	Credit	Before Taxes	Tax Rate	After Taxes
Age Range	(1)	(2)	(3)	(4)	(5)	(6)
	(.)	(_)	(0)	400.540.004	(0)	70.055.500
0-4	129,459,670	663,680	6,249,006	122,546,984	35%	79,655,539
5-9	12,645,594	138,348	553,612	11,953,634	35%	7,769,862
10 - 14	16,366,351	313,800	642,068	15,410,483	35%	10,016,814
15 - 19	29,229,022	1,267,049	762,671	27,199,303	35%	17,679,547
20 - 24	34,602,652	1,643,825	1,860,894	31,097,932	35%	20,213,656
25 - 29	153,748,727	1,565,037	28,657,825	123,525,865	35%	80,291,812
30 - 34	257,935,013	2,658,814	47,472,270	207,803,928	35%	135,072,553
35 - 39	473,677,148	5,415,058	97,296,060	370,966,029	35%	241,127,919
40 - 44	560,268,905	10,691,741	117,344,948	432,232,217	35%	280,950,941
45 - 49	796,414,680	21,842,102	211,512,048	563,060,530	35%	365,989,345
50 - 54	877,327,920	25,194,403	295,572,714	556,560,803	35%	361,764,522
55 - 59	801,389,700	30,966,486	272,742,116	497,681,098	35%	323,492,714
60 - 64	620,406,733	35,254,699	230,018,452	355,133,583	35%	230,836,829
65 - 69	442,067,160	54,871,344	149,094,317	238,101,499	35%	154,765,974
70 - 74	393,449,010	92,007,888	127,087,510	174,353,612	35%	113,329,848
75 - 79	374.687.898	118.848.364	107.831.289	148.008.245	35%	96,205,360
80 - 84	277.561.479	124,389,072	41.811.660	111.360.746	35%	72.384.485
85+	622,032,840	353,366,218	64,444,683	204,221,939	35%	132,744,261
Total	6.873.270.501	881.097.928	1.800.954.143	4.191.218.431		2,724,291,980

U.S. Direct L	ife Insurance	Industry	
Estima (Billio			
	Moderate	Severe	
	Scenario	Scenario	
Individual	\$ 1.3	\$ 34.3	
Group	1.5	30.0	
Total	2.8	64.3	
2005 Claims	\$ 107.6	\$ 107.6	
% Claims	2.6%	59.8%	
2005 Surplus	\$ 255.7	\$ 255.7	
% Surplus	1.1%	25.1%	
2005 RBC	\$ 62.5	\$ 62.5	
% of RBC	4.5%	102.9%	





















Characteristic	Moderate (1957-like)	Severe(1918-like)
Illness	90 million (30%)	90 million (30%)
Outpatient	45 million (50%)	45 million (50%)
Hospitalization	865,000	9,900,000
ICU care	128,750	1,485,000
Mechanical Ventilation	64,975	742,500
Deaths	209,000	1,903,000













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	Total System Estimated Gross Costs as of 2010										
		Gross Cost as of 2003 (Millions)									
			Seasonal		Moderate		Severe				
(1)	Outpatient	\$	3,146	\$	13,270	\$	10,354				
(2)	Hospital		5,442		16,921		111,066				
(3)	Death		1,932		12,132		105,171				
(4)	Gross Cost		10,519		42,324		226,592				
(5)	ACF Cost Allocation	\$	-	\$	-	\$	2,172				
	Deferred Elective										
(6)	Care Allocation	\$	-	\$	11,649	\$	48,115				
(7)	Net 2003 Payer Cost	\$	10,519	\$	30,674	\$	180,649				
(8)	Inflation 2003–2010		60.6%		60.6%		60.6%				
(9)	2010 Gross Cost	\$	16,892	\$	49,256	\$	290,082				
(10)	Diff. from Seasonal			\$	32,365	\$	240,826				
(11)	% of National Health Expenditures		0.6%		1.9%		11.2%				
(12)	Deaths		42,005		213,045		1,944,149				
(13)	Hospitalizations		298,226		889,388		7,912,135				
								44			























