



SOCIETY OF ACTUARIES

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CD Paper Exhibits - Exhibit #1**Exhibit 1****Distribution of Credit Disability Exposure By Issue Age, Term in Months**

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

I. 7 Day Retroactive Elimination Period

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	2,459	2,626	2,795	3,134	2,647
12	14,174	13,009	13,314	13,252	11,259
18	15,809	15,511	15,338	14,808	12,271
24	45,986	50,475	50,113	50,791	43,940
30	19,161	22,394	24,157	24,650	21,697
36	99,029	132,254	156,246	175,421	174,514
48	74,261	92,105	108,280	121,094	117,173
60	120,663	149,652	177,992	210,993	215,934
72	7,134	8,846	10,761	12,119	11,554
84	1,128	4,769	7,380	10,020	8,798
96	97	184	43	251	214
108	0	0	0	14	0
120	73	958	1,528	1,978	3,350
Total	399,974	492,783	567,947	638,525	623,351
Distribution	9.9%	12.2%	14.0%	15.7%	15.4%

II. 14 Day Retroactive Elimination Period

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	4,520	4,502	4,204	4,012	3,294
12	45,347	41,463	40,317	39,345	33,194
18	67,187	60,813	58,885	58,462	49,981
24	213,590	225,071	226,910	226,521	202,085
30	76,658	86,732	89,264	88,168	81,471
36	478,068	554,308	592,306	634,931	609,248
48	424,216	462,240	481,877	501,989	486,445
60	649,937	685,121	714,674	794,942	797,750
72	67,588	72,355	75,797	89,507	88,146
84	7,740	26,603	42,558	56,007	56,821
96	957	2,130	3,599	6,647	8,087
108	517	1,395	1,868	2,948	4,746
120	8,991	29,123	60,006	94,487	123,617
Total	2,045,316	2,251,856	2,392,265	2,597,966	2,544,885
Distribution	11.6%	12.8%	13.6%	14.7%	14.4%

Exhibit 1

Distribution of Credit Disability Exposure By Issue Age, Term in Months

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
2,092	1,464	991	696	81	18,985	0.5%
8,790	6,072	3,838	2,041	449	86,198	2.1%
9,919	6,428	4,129	1,893	222	96,328	2.4%
35,934	26,339	15,192	7,462	754	326,986	8.1%
17,195	12,508	7,311	3,598	436	153,107	3.8%
155,076	116,350	73,650	35,927	4,419	1,122,886	27.7%
104,070	78,709	47,524	22,673	2,283	768,172	18.9%
192,375	145,668	94,920	31,309	2,310	1,341,816	33.1%
10,672	9,037	5,731	1,293	9	77,156	1.9%
6,518	3,980	2,614	874	0	46,081	1.1%
276	329	286	30	0	1,710	0.0%
116	0	0	0	0	130	0.0%
3,172	2,795	984	441	0	15,279	0.4%
546,205	409,679	257,170	108,237	10,963	4,054,834	100.0%
13.5%	10.1%	6.3%	2.7%	0.3%	100.0%	

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
2,660	1,947	1,288	748	187	27,362	0.2%
27,222	18,916	12,887	6,497	949	266,137	1.5%
40,845	27,948	18,373	8,841	948	392,283	2.2%
166,913	119,371	75,219	36,003	3,443	1,495,126	8.5%
66,081	46,871	28,946	14,579	1,447	580,217	3.3%
524,699	395,778	254,397	119,020	10,645	4,173,400	23.7%
434,516	342,474	222,011	98,048	6,991	3,460,807	19.6%
750,036	614,483	398,353	142,042	7,152	5,554,490	31.5%
79,794	64,686	42,270	12,621	358	593,122	3.4%
52,385	42,503	30,397	9,402	351	324,767	1.8%
8,452	7,299	11,178	1,846	23	50,218	0.3%
4,629	4,165	6,786	1,224	0	28,278	0.2%
128,562	135,126	72,377	19,462	1,508	673,259	3.8%
2,286,794	1,821,567	1,174,482	470,333	34,002	17,619,466	100.0%
13.0%	10.3%	6.7%	2.7%	0.2%	100.0%	

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Exhibit 1

Distribution of Credit Disability Exposure By Issue Age, Term in Months

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

III. 14 Day Elimination Period

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	159	202	247	251	229
12	2,033	2,242	2,576	2,381	2,088
18	2,816	2,895	3,028	2,679	2,575
24	11,951	12,110	11,381	10,535	9,548
30	2,594	2,562	2,566	2,732	2,250
36	34,718	39,418	40,155	38,632	35,429
48	11,970	15,732	17,144	18,194	18,259
60	6,705	10,989	14,382	17,445	19,277
72	459	661	916	1,238	1,148
84	147	125	263	470	802
96	25	39	94	45	243
108	0	0	69	0	109
120	117	729	1,783	2,901	4,436
Total	73,694	87,704	94,604	97,503	96,393
Distribution	11.4%	13.6%	14.7%	15.1%	14.9%

IV. 30 Day Retroactive Elimination Period

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	259	218	286	296	320
12	1,248	1,440	1,513	1,687	1,847
18	1,568	1,498	1,604	1,805	2,033
24	3,799	3,582	3,772	4,112	4,091
30	2,642	2,330	2,448	2,506	2,212
36	8,931	7,984	7,499	9,786	9,574
48	9,382	7,649	8,868	10,586	12,444
60	16,956	16,837	22,114	27,890	32,739
72	1,246	1,411	1,895	2,026	1,896
84	359	581	980	1,902	2,119
96	28	125	79	262	142
108	0	0	0	138	108
120	360	647	886	1,551	1,841
Total	46,778	44,302	51,944	64,547	71,366
Distribution	10.2%	9.6%	11.3%	14.0%	15.5%

Exhibit 1

Distribution of Credit Disability Exposure By Issue Age, Term in Months

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
238	140	110	49	13	1,638	0.3%
1,751	1,309	781	492	50	15,703	2.4%
1,959	1,492	933	453	44	18,874	2.9%
7,581	5,398	3,366	1,920	117	73,907	11.5%
2,073	1,450	719	430	20	17,396	2.7%
29,094	20,784	11,569	6,501	640	256,940	39.8%
15,783	11,486	7,120	3,094	67	118,849	18.4%
15,800	11,454	7,645	2,292	79	106,068	16.4%
1,787	1,029	614	198	0	8,050	1.2%
940	588	654	127	0	4,116	0.6%
274	167	466	56	0	1,409	0.2%
66	91	148	26	0	509	0.1%
5,680	4,209	1,689	353	0	21,897	3.4%
83,026	59,597	35,814	15,991	1,030	645,356	100.0%
12.9%	9.2%	5.5%	2.5%	0.2%	100.0%	

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
304	189	175	46	15	2,108	0.5%
1,785	1,182	983	395	65	12,145	2.6%
1,979	1,418	1,024	264	23	13,216	2.9%
3,976	2,950	1,982	1,178	49	29,491	6.4%
1,923	1,591	937	486	26	17,101	3.7%
9,399	6,349	4,810	2,024	237	66,593	14.5%
12,712	8,326	6,225	2,580	183	78,955	17.2%
33,581	23,729	16,635	8,611	870	199,962	43.5%
2,041	1,833	1,238	313	31	13,930	3.0%
3,130	2,326	1,167	271	0	12,835	2.8%
246	85	85	54	0	1,106	0.2%
151	0	46	0	0	443	0.1%
2,992	1,680	1,263	310	0	11,530	2.5%
74,219	51,658	36,570	16,532	1,499	459,415	100.0%
16.2%	11.2%	8.0%	3.6%	0.3%	100.0%	

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Exhibit 1

Distribution of Credit Disability Exposure By Issue Age, Term in Months

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

V. 30 Day Elimination Period

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	369	619	855	1,131	1,264
12	1,788	3,097	4,091	5,509	6,499
18	1,491	2,538	3,138	4,131	4,619
24	6,661	8,421	10,724	13,095	13,903
30	2,557	3,239	3,911	4,910	5,982
36	21,554	25,304	28,997	34,604	39,019
48	35,478	37,853	40,864	44,759	44,025
60	80,490	88,688	95,130	102,545	98,377
72	8,254	15,546	17,171	17,346	16,650
84	528	1,140	1,709	2,548	2,626
96	72	114	245	431	506
108	0	0	22	62	137
120	687	2,107	3,882	6,128	8,864
Total	159,929	188,666	210,739	237,199	242,471
Distribution	10.0%	11.8%	13.2%	14.9%	15.2%

VI. Plan Is Unknown

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	2,157	1,897	1,724	1,543	1,234
12	7,229	8,814	9,927	9,828	9,794
18	12,280	8,642	8,203	7,841	6,530
24	10,166	12,717	14,291	14,609	13,669
30	3,385	3,617	3,695	4,177	4,027
36	11,504	10,513	11,021	13,242	11,913
48	14,530	15,346	16,817	15,966	15,832
60	17,747	15,905	20,528	22,404	24,527
72	1,106	1,674	1,867	1,728	2,972
84	118	252	285	407	4,205
96	0	0	16	0	0
108	0	0	0	0	0
120	58	2,468	2,734	4,555	34,792
Total	80,280	81,845	91,108	96,300	129,495
Distribution	9.2%	9.4%	10.4%	11.0%	14.8%

Exhibit 1**Distribution of Credit Disability Exposure By Issue Age, Term in Months**

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
1,122	858	527	328	71	7,144	0.4%
6,223	4,698	3,068	1,565	105	36,643	2.3%
4,314	3,356	2,106	1,221	21	26,935	1.7%
12,394	9,505	6,700	3,045	147	84,595	5.3%
5,600	4,053	2,828	1,485	23	34,588	2.2%
35,710	27,694	17,678	7,986	405	238,951	15.0%
42,340	32,319	22,040	8,676	305	308,659	19.3%
94,628	71,124	41,943	13,548	656	687,129	43.0%
14,081	10,533	7,056	1,606	25	108,268	6.8%
1,937	2,232	1,544	582	0	14,846	0.9%
571	360	965	58	0	3,322	0.2%
252	79	472	31	0	1,055	0.1%
9,237	8,739	3,930	1,001	53	44,628	2.8%
228,409	175,550	110,857	41,132	1,811	1,596,763	100.0%
14.3%	11.0%	6.9%	2.6%	0.1%	100.0%	

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
911	492	272	149	41	10,420	1.2%
7,244	4,749	2,708	1,327	431	62,051	7.1%
4,867	3,149	1,819	867	134	54,332	6.2%
10,427	7,016	4,043	2,242	240	89,420	10.2%
3,316	2,108	1,553	710	34	26,622	3.0%
10,393	7,009	5,665	5,567	200	87,027	9.9%
13,717	13,645	8,458	3,716	195	118,222	13.5%
28,958	20,364	20,413	6,445	116	177,407	20.3%
1,773	3,237	6,257	6,710	0	27,324	3.1%
5,490	6,134	7,546	0	22	24,459	2.8%
15	38	4,982	31	0	5,082	0.6%
0	0	5,735	0	0	5,735	0.7%
58,951	61,430	21,640	291	0	186,919	21.4%
146,062	129,371	91,091	28,055	1,413	875,020	100.0%
16.7%	14.8%	10.4%	3.2%	0.2%	100.0%	

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Exhibit 1

Distribution of Credit Disability Exposure By Issue Age, Term in Months

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

VII. Grand Total Of All Plans Combined

<u>Term</u>	<u>Age 22</u>	<u>Age 27</u>	<u>Age 32</u>	<u>Age 37</u>	<u>Age 42</u>
6	9,923	10,064	10,111	10,367	8,988
12	71,819	70,065	71,738	72,002	64,681
18	101,151	91,897	90,196	89,726	78,009
24	292,153	312,376	317,191	319,663	287,236
30	106,997	120,874	126,041	127,143	117,639
36	653,804	769,781	836,224	906,616	879,697
48	569,837	630,925	673,850	712,588	694,178
60	892,498	967,192	1,044,820	1,176,219	1,188,604
72	85,787	100,493	108,407	123,964	122,366
84	10,020	33,470	53,175	71,354	75,371
96	1,179	2,592	4,076	7,636	9,192
108	517	1,395	1,959	3,162	5,100
120	10,286	36,032	70,819	111,600	176,900
Total	2,805,971	3,147,156	3,408,607	3,732,040	3,707,961
Distribution	11.1%	12.5%	13.5%	14.8%	14.7%

Exhibit 1

Distribution of Credit Disability Exposure By Issue Age, Term in Months

Exposure is Gross Insured Indebtedness Issued In 1997 (in '000)

<u>Age 47</u>	<u>Age 52</u>	<u>Age 57</u>	<u>Age 62</u>	<u>Age 67</u>	<u>Total</u>	<u>Distribution</u>
7,327	5,090	3,363	2,016	408	67,657	0.3%
53,015	36,926	24,265	12,317	2,049	478,877	1.9%
63,883	43,791	28,384	13,539	1,392	601,968	2.4%
237,225	170,579	106,502	51,850	4,750	2,099,525	8.3%
96,188	68,581	42,294	21,288	1,986	829,031	3.3%
764,371	573,964	367,769	177,025	16,546	5,945,797	23.5%
623,138	486,959	313,378	138,787	10,024	4,853,664	19.2%
1,115,378	886,822	579,909	204,247	11,183	8,066,872	31.9%
110,148	90,355	63,166	22,741	423	827,850	3.3%
70,400	57,763	43,922	11,256	373	427,104	1.7%
9,834	8,278	17,962	2,075	23	62,847	0.2%
5,214	4,335	13,187	1,281	0	36,150	0.1%
208,594	213,979	101,883	21,858	1,561	953,512	3.8%
3,364,715	2,647,422	1,705,984	680,280	50,718	25,250,854	100.0%
13.3%	10.5%	6.8%	2.7%	0.2%	100.0%	