

## II. GROUP LONG-TERM DISABILITY INSURANCE

**A**TENTION is directed to the following revisions and additions that have been made in the "Analysis of Rates of Disablement" section of this year's report:

1. All tables have been renumbered and grouped according to elimination period.
2. Tables II-2 and III-2, which analyze the experience for plans with three-month and twelve-month elimination periods, respectively, by underlying calendar year of experience, have been added.
3. Tables II-3 and III-3, which analyze the experience for plans with three-month and twelve-month elimination periods, respectively, by size of experience unit, have been added.
4. Table 10, which analyzes the experience by the presence or absence of a rehabilitation provision in the contract, has been discontinued.

Attention is directed also to the following revisions and additions that have been made in the "Analysis of Rates of Termination" section of this year's report:

1. All tables have been renumbered and grouped according to elimination period.
2. Tables AA-1, AA-2, and AA-3, which analyze the disabled lives experience on plans with a six-month elimination period over the restricted observation period 1972-76, have been added.
3. Tables BB-1, BB-2, and BB-3, which analyze the disabled lives experience on plans with a three-month elimination period over the restricted observation period 1972-76, have been added.
4. Tables CC-1, CC-2, and CC-3, which analyze the disabled lives experience on plans with a twelve-month elimination period over the restricted observation period 1972-76, have been added.

As in previous reports, the experience included in this report is predominantly that of employer-employee groups located in the United States and is largely for plans that appear not to have been the result of bargaining. Groups that a contributing company considers atypical have not been included. Plans selected for the study provide occupational as well as nonoccupational coverage, but with benefits integrated with workmen's compensation. Virtually all the cases contributed also provide that the gross monthly benefits be integrated with some or all of any benefits payable under social security and frequently with other benefits payable as a result of the disability. Benefits are payable only on claims incurred prior to age 65 and generally cease at age 65.

The Committee recommends that care be used in the interpretation of the results of this study and in their application on other than a broad basis, since a considerable volume of exposure, shown in the tables, could not be coded with respect to certain characteristics that may influence the level of rate of disablement or termination. In addition, the experience may not be representative of any particular group or plan.

#### CONTRIBUTING COMPANIES

The Committee wishes to express its gratitude to the following companies who have contributed experience for this report:

Aetna Life and Casualty Company  
 Bankers Life Company  
 Connecticut General Life Insurance Company  
 Continental Assurance Company  
 Continental Casualty Company  
 Equitable Life Assurance Society  
 John Hancock Mutual Life Insurance Company  
 Metropolitan Life Insurance Company  
 New England Mutual Life Insurance Company  
 New York Life Insurance Company  
 Provident Life and Accident Insurance Company  
 Prudential Insurance Company of America  
 Sun Life Assurance Company of Canada

The results of the study reflect the composite experience of variations in company practices, administration, and claim procedures, as well as variations in the experience among the groups.

#### ANALYSIS OF RATES OF DISABLEMENT

As noted above, we have renumbered the tables and grouped them along with their discussions according to elimination periods.

As in past reports, a column containing the "number of experience units" appears in most of the tables. In the context of this report, an experience unit represents the experience of a single group for one calendar year. Therefore, whenever an experience cell covers more than one calendar year of experience, a group would be included in the count for the total number of separate calendar years for which experience of the group was submitted. Furthermore, where the number of experience units in a cell is relatively small, and no distinction is made by size, the experience for that cell could be substantially influenced by the experience of but a few groups, and as such, may not be representative of all units contained in that cell.

In analyzing the various tables shown in this section of the report, the reader should note that the claim experience shown may be understated due to the lag in the reporting of claims incurred in the latest year of the study. Historically, the lag on plans with a six-month elimination period has been about 5 percent. In particular, the number of claims on plans with a six-month elimination period reported as incurred in 1975 included in the current report increased approximately 5 percent from that shown in last year's report. Consequently, the tabulars, the number of claims, the rates of disablement, and the actual-to-tabular ratios shown in the various tables may be distorted for some age and sex cells.

Claims were reported and included in rates of disablement, even though, because of the existence of social security or other disability income under plans with an offset provision, no benefit may have been payable.

#### EXPERIENCE ON PLANS WITH A SIX-MONTH ELIMINATION PERIOD

Table I-1 (Table 1 in previous reports) is based on the experience of all groups regardless of size for plans with a six-month elimination period for the latest five year period, 1972-76. Crude rates of disablement based on the number of lives are shown by sex and age group. The corresponding experience of nonjumbo groups, defined as groups with less than 5,000 lives insured, is displayed in Table I-1A (Table 1A in previous reports). Experience of the calendar year of issue is excluded from both tables and, therefore, from all subsequent tables that analyze the underlying experience. About 14 percent of the exposure contributed could not be separated by sex. The first part of each of these two tables summarizes the combined experience of the male, female and sex-unknown exposures. The experience for which exposure was sex-coded is presented in the bottom two sections of each table.

The experience is based largely on a "his own occupation" definition of disability generally during the first two years following disablement. Approximately 2 percent of the experience is based on an "any occupation" definition for the full period of disability.

Table I-2 (Table 1B in prior reports) analyzes by underlying calendar year of experience the crude rates of disablement shown in Tables I-1 and I-1A, respectively, for all ages and for males, females, and sex-unknown exposures combined. Some portion of the variation in the overall disablement rate from year to year is the result of changes in the distributions of exposed to risk by age groups. Table I-2 shows that for plans with a six-month elimination period, accidents accounted for

**TABLE I-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE RATES OF DISABLEMENT**  
**PER 1,000 LIVES EXPOSED**  
(Six-Month Elimination Period; Calendar  
Year of Issue Excluded)  
Calendar Years of Experience 1972-76  
**ALL EXPERIENCE UNITS COMBINED**

Attained Age	Life Years Exposed	Number of Claims	Rate of Disablement per 1,000 Lives
All Experience: Males, Females, and Sex Unknown			
Under 40 .....	1,923,050	1,741	0.91
40-44 .....	441,752	909	2.06
45-49 .....	446,961	1,595	3.57
50-54 .....	393,441	2,446	6.22
55-59 .....	299,552	3,189	10.65
60-64 .....	189,225	2,678	14.15
All ages .....	3,693,981	12,558	3.40
Male Experience Only			
Under 40 .....	1,075,615	890	0.83
40-44 .....	279,992	492	1.76
45-49 .....	279,666	953	3.41
50-54 .....	243,894	1,556	6.38
55-59 .....	191,113	2,138	11.19
60-64 .....	120,061	1,850	15.41
All ages .....	2,190,341	7,879	3.60
Female Experience Only			
Under 40 .....	571,658	606	1.06
40-44 .....	95,520	289	3.03
45-49 .....	103,486	421	4.07
50-54 .....	96,075	574	5.97
55-59 .....	68,929	635	9.21
60-64 .....	43,833	479	10.93
All ages .....	979,501	3,004	3.07

TABLE I-1A  
 GROUP LONG-TERM DISABILITY INSURANCE  
 CRUDE RATES OF DISABLEMENT  
 PER 1,000 LIVES EXPOSED  
 (Six-Month Elimination Period; Calendar  
 Year of Issue Excluded)  
 Calendar Years of Experience 1972-76  
 NONJUMBO EXPERIENCE UNITS ONLY

Attained Age	Life Years Exposed	Number of Claims	Rate of Disablement per 1,000 Lives
All Experience: Males, Females, and Sex Unknown			
Under 40 .....	1,326,383	1,202	0.91
40-44 .....	307,407	641	2.09
45-49 .....	314,072	1,079	3.44
50-54 .....	282,151	1,654	5.86
55-59 .....	215,863	2,174	10.07
60-64 .....	134,318	1,916	14.26
All ages .....	2,580,194	8,666	3.36
Male Experience Only			
Under 40 .....	760,963	632	0.83
40-44 .....	195,019	342	1.75
45-49 .....	195,073	626	3.21
50-54 .....	173,221	995	5.74
55-59 .....	134,058	1,414	10.55
60-64 .....	83,409	1,258	15.08
All ages .....	1,541,743	5,267	3.42
Female Experience Only			
Under 40 .....	338,211	343	1.01
40-44 .....	58,830	183	3.11
45-49 .....	67,810	266	3.92
50-54 .....	65,349	378	5.78
55-59 .....	48,992	433	8.84
60-64 .....	28,910	354	12.24
All ages .....	608,102	1,957	3.22

approximately 9 percent of the claims coded for a known cause of disablement.

The reader is reminded that the lag in claim reporting tends to understate the claim experience shown in the various tables presented in this report. In particular, if past reporting lag is any indication of the extent of claim underreporting, then the figures in Table I-2 of claims reported

**TABLE I-2**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**ANALYSIS OF RATES OF DISABLEMENT**  
**BY CALENDAR YEAR OF INCURRAL**  
(Six-Month Elimination Period; Calendar Year of Issue Excluded, All Ages;  
Males, Females, and Sex Unknown Combined)  
Calendar Years of Experience 1962-76

CALENDAR YEAR OF INCURRAL	NUMBER OF EXPERIENCE UNITS	LIFE YEARS EXPOSED	NUMBER OF CLAIMS			RATE OF DISABLEMENT PER 1,000 LIVES	RATIO OF ACTUAL CLAIMS TO TABULAR CLAIMS*
			Accident	Sickness	Total (Incl. Unknown)		
All Experience Units Combined							
1962-66 .....	1,132	541,022	78	994	1,341	2.48	81%
1967-71 .....	6,045	2,243,647	655	6,058	7,703	3.43	103
1972 .....	2,252	625,137	196	1,887	2,092	3.35	98%
1973 .....	2,177	722,855	228	2,255	2,489	3.44	102
1974 .....	2,160	717,963	198	2,376	2,585	3.60	106
1975 .....	2,102	792,223	202	2,185	2,431	3.07	95
1976 .....	2,094	835,803	277	2,680	2,961	3.54	112
1972-76 ..	10,785	3,693,981	1,101	11,383	12,558	3.40	103%
Nonjumbo Experience Units Only							
1962-66 .....	1,109	268,528	28	428	571	2.13	66%
1967-71 .....	5,971	1,535,931	458	3,829	4,963	3.23	94
1972 .....	2,234	453,951	149	1,267	1,424	3.14	92%
1973 .....	2,152	491,678	155	1,447	1,606	3.27	97
1974 .....	2,141	537,273	147	1,724	1,882	3.50	104
1975 .....	2,081	552,619	145	1,565	1,725	3.12	93
1976 .....	2,067	544,673	184	1,841	2,029	3.73	113
1972-76 ..	10,675	2,580,194	780	7,844	8,666	3.36	100%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A for males, females, and sex unknown combined.

as incurred for the most recent calendar year, 1976, may be understated approximately 5 percent.

Table I-2 also shows ratios of actual claims to tabular claims. The tabular claims for each year were obtained by applying the rates of disablement of nonjumbo size groups from Table I-1A by sex category to the actual exposures for each age-sex group (male, female and unknown). The tabulars, therefore, only adjust for age and sex. No adjustments are made for any other factors that might influence the disablement rates, such as size of case, industry, and so on. The reader is reminded that the basis (just described) under which the ratios of actual claims to tabular claims were determined was changed in last year's *Reports* from that used in previous years.

Table I-3 (Table 1C in previous reports) subdivides the Table I-1 experience for all ages and for male, female and sex-unknown exposures combined, by size of experience unit. Note that experience units of less than 100 lives accounted for over 58 percent of the total number of units. This explains the large number of units (over 71 percent of the total) that experienced no claims. This table indicates that the rate of disablement and the actual-to-tabular ratios tend to increase with the size of the group—a phenomenon that is consistent with the results of prior reports.

Table I-3 also includes a dispersion-type analysis of ratios of actual claims to tabular claims. As in Table I-2, the tabulars adjust only for age and sex. However, because the experience is not adjusted for other characteristics that might have a measurable impact on the rate of disablement, such as differences among the contributing companies in underwriting and claims administration practices, the extent to which employers use the long-term disability plan as an early retirement vehicle, the proportions of salaried and hourly employees, the extent of employer financial participation, the type of industry, the relationship of the amount of benefit payable under the plan to take-home pay, and so on, the reader should use caution in interpreting the results.

To allow for analysis of the relative disablement rates by cause of disability, the contributing companies were requested to code the cause of disability, where available, on the individual claim cards submitted for the study. These data have been analyzed, and the results are summarized in Table I-4 (Table 1D in previous reports). The results are shown for each sex and both sexes combined. The number and percentage distribution by cause of disability of the coded claims is shown for the various age groups. The number of claims in each cell is shown to indicate the relative weights of the results.

TABLE I-3

GROUP LONG-TERM DISABILITY INSURANCE  
 RATES OF DISABLEMENT AND RATIOS OF ACTUAL CLAIMS TO TABULAR CLAIMS BY SIZE OF EXPERIENCE UNIT EXPOSED  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76  
 ALL EXPERIENCE UNITS COMBINED

SIZE OF UNIT	NUMBER OF EXPERIENCE UNITS	LIFE YEARS EXPOSED	NUMBER OF CLAIMS	RATE OF DISABLEMENT PER 1,000 LIVES	AVERAGE A/T RATIO*	NUMBER OF EXPERIENCE UNITS BY RATIO OF ACTUAL TO TABULAR CLAIMS*							
						0%	1-50%	50-75%	75-100%	100-150%	150-200%	200-500%	500% or More
Under 25 lives.....	1,890	24,602	64	2.60	76%	1,834	0	0	0	0	0	0	56
25-49.....	2,049	75,689	239	3.16	85	1,843	1	0	0	0	0	37	168
50-99.....	2,380	168,015	525	3.12	89	1,936	0	0	0	0	8	276	160
100-249.....	2,269	349,851	1,271	3.63	106	1,477	0	2	19	119	135	420	97
250-499.....	965	334,320	1,048	3.13	92	430	11	84	82	115	78	149	16
500-999.....	526	361,152	1,287	3.56	110	119	56	74	59	82	47	84	5
1,000-2,499.....	432	694,962	2,245	3.23	100	51	85	61	53	80	50	51	1
2,500-4,999.....	164	571,603	1,987	3.48	102	11	32	19	27	33	21	21	0
Under 5,000.....	10,675	2,580,194	8,666	3.36	100%	7,701	185	240	240	429	339	1,038	503
5,000 or more.....	110	1,113,787	3,892	3.49	109%	2	13	11	18	33	24	9	0
Total.....	10,785	3,693,981	12,558	3.40	103%	7,703	198	251	258	462	363	1,047	503

\* Tabular claims were calculated by applying to actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.



TABLE I-4  
 GROUP LONG-TERM DISABILITY INSURANCE  
 DISTRIBUTION OF THE NUMBERS OF CLAIMS BY DIAGNOSIS  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded)  
 Calendar Years of Experience 1962-76  
 ALL EXPERIENCE UNITS COMBINED

DIAGNOSIS	MALE								FEMALE								TOTAL							
	Under 30	30-39	40-44	45-49	50-54	55-59	60-64	All Ages	Under 30	30-39	40-44	45-49	50-54	55-59	60-64	All Ages	Under 30	30-39	40-44	45-49	50-54	55-59	60-64	All Ages
Infective and parasitic diseases:																								
Number	5	6	10	9	14	11	10	65	4	1	0	2	2	2	4	15	9	7	10	11	16	13	14	80
Percent	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Malignant neoplasms (cancer):																								
Number	23	60	54	144	219	327	263	1,090	17	43	51	101	139	146	92	589	40	103	105	245	358	473	355	1,679
Percent	3	5	5	7	7	8	7	7	4	6	8	11	12	12	11	10	4	6	6	9	9	9	8	8
Benign and unspecified neoplasms:																								
Number	5	9	13	17	17	22	16	99	4	11	11	10	7	14	4	61	9	20	24	27	24	36	20	160
Percent	1	1	1	1	1	1	0	1	1	2	2	1	1	1	0	1	1	1	1	1	1	1	0	1
Allergic, endocrine-system, metabolic, and nutritional diseases:																								
Number	7	23	15	32	51	78	73	279	10	5	6	18	18	23	22	102	17	28	21	50	69	101	95	381
Percent	1	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2
Diseases of the blood and blood-forming organs:																								
Number	12	14	17	29	39	52	61	224	11	8	12	13	19	21	13	97	23	22	29	42	58	73	74	321
Percent	2	1	2	1	1	1	2	1	2	1	2	1	2	2	1	2	2	1	2	1	1	1	2	1
Mental, psychoneurotic, and personality disorders:																								
Number	43	75	62	101	119	130	95	625	44	72	60	64	75	37	28	380	87	147	122	165	194	167	123	1,005
Percent	6	6	6	5	4	3	3	4	10	10	9	7	7	3	3	6	8	8	7	6	5	3	3	5
Diseases of the nervous system and sense organs:																								
Number	48	111	92	138	215	270	252	1,126	49	57	61	74	84	97	66	488	97	168	153	212	299	367	318	1,614
Percent	7	10	9	7	7	6	7	7	11	8	9	8	8	8	7	8	9	9	9	7	7	7	7	7
Diseases of the circulatory system:																								
Number	25	163	307	641	1,075	1,714	1,631	5,556	17	70	80	160	250	342	280	1,199	42	233	387	801	1,325	2,056	1,911	6,755
Percent	4	15	27	32	38	41	44	36	4	10	12	20	23	29	32	21	4	13	21	29	33	38	40	32

TABLE I-4- Continued

DIAGNOSIS	MALE								FEMALE								TOTAL							
	Under 30	30-39	40-44	45-49	50-54	55-59	60-64	All Ages	Under 30	30-39	40-44	45-49	50-54	55-59	60-64	All Ages	Under 30	30-39	40-44	45-49	50-54	55-59	60-64	All Ages
Diseases of the respiratory system:																								
Number	13	39	36	108	196	372	343	1,107	12	31	27	33	40	46	59	248	25	70	63	141	236	418	402	1,355
Percent	2	3	3	6	7	9	8	7	3	4	4	4	4	4	7	4	2	4	4	5	6	8	9	6
Diseases of the digestive system:																								
Number	9	47	38	61	73	121	100	449	19	41	31	35	36	38	24	224	28	88	69	96	109	159	124	673
Percent	1	4	4	3	2	3	3	3	4	6	5	4	3	3	3	4	2	5	4	3	3	3	3	3
Diseases of the genitourinary system:																								
Number	19	17	23	24	42	49	42	216	13	27	22	18	15	16	13	124	32	44	45	42	57	65	55	340
Percent	3	1	2	1	1	1	1	1	3	4	3	2	1	1	1	2	3	2	3	2	1	1	1	2
Diseases of the skin and cellular tissue:																								
Number	10	13	10	17	18	25	17	110	11	17	6	9	11	13	10	77	21	30	16	26	29	38	27	187
Percent	1	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1
Diseases of the bones and organs of movement:																								
Number	114	219	161	267	384	457	437	2,039	76	121	124	173	181	202	149	1,026	190	340	285	440	565	659	586	3,065
Percent	17	20	15	14	14	11	12	13	16	19	20	19	16	17	18	17	17	17	17	15	14	12	11	14
Congenital malformations:																								
Number	1	3	0	2	8	4	2	20	1	1	1	1	3	1	1	9	2	4	1	3	11	5	3	29
Percent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senility and ill-defined conditions:																								
Number	21	29	17	50	62	77	64	320	27	37	29	35	50	41	24	243	48	66	46	85	112	118	88	563
Percent	3	2	2	3	2	2	2	2	6	5	5	4	4	3	3	4	4	4	3	3	3	2	2	3
Accidents, poisoning, and violence:																								
Number	275	247	134	168	175	166	106	1,271	114	97	63	74	100	67	48	563	389	344	197	242	275	233	154	1,834
Percent	41	21	12	9	6	4	3	8	26	14	10	8	9	6	5	10	33	18	11	8	7	4	3	8
Undetermined:																								
Number	46	86	93	148	217	307	219	1,116	24	35	59	74	83	98	52	445	70	141	152	222	300	405	271	1,561
Percent	7	7	9	8	7	7	6	7	5	8	9	8	7	8	6	8	6	8	9	8	7	8	6	7
Total																								
Number	676	1,161	1,082	1,956	2,924	4,182	3,731	15,712	453	694	643	894	1,113	1,204	889	5,890	1,129	1,255	1,725	2,850	4,037	5,386	4,620	21,602
Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

The respective experience underlying Tables I-1 and I-1A have been analyzed by employee class, industry, contributory status, and plan provisions with respect to preexisting conditions and indirect integration (whereby the long-term disability benefit may be reduced when the total income from all specified sources, including the long-term disability benefit, exceeds a specified percentage of salary). The respective results are displayed in Tables 5-9 of the "I" series of tables on six-month experience.

In examining Tables 5-9, it should be noted that many of the variables analyzed may be interrelated. This is especially true in Table I-6 where the results shown in the various cells may be influenced heavily by the level of hourly versus salaried employees. The portion of the Table I-5 experience under units with at least a 75 percent salaried employees composition, the majority of whom were not executives (i.e., Code 2), was analyzed further to investigate the effect that such variables as (a) the relationship between the long-term disability benefit (before integration with other income sources) and salary at time of disablement, (b) the plan's integration provision, and (c) the extent to which a disability income is provided under employer-sponsored plans prior to qualification for long-term disability benefits, appear to exert on disablement rates. The several classifications are somewhat broad. The various parameters may not be mutually exclusive. The respective subanalyses are shown in Table I-5A, separately for nonjumbo and for all experience units. It should be noted that the tabulars and the actual-to-tabular ratios are consistent with those in Table I-5 for Employee Code 2.

The portions of the Table I-6 experience under units with "the majority salaried" and "the majority hourly" as defined in Table I-5 were analyzed to investigate the effect which employee class has on the disablement rates by industry classification. The respective subanalyses are shown in Table I-6A, separately for nonjumbo and for all experience units combined. It should be noted that the tabulars and the actual-to-tabular ratios are consistent with those shown in Tables I-5 and I-6. The actual-to-tabular ratio experience shown by industry in Tables I-6 and I-6A have been compared separately for nonjumbo and for all experience units combined. The results are shown in Table I-6B.

Table I-A examines the interrelationships among various parameters whose effect on disablement rates may not be mutually exclusive. The analysis was based on the experience of those nonjumbo units, all employee classes combined, that have plans that provide for the direct integration of the long-term disability benefit with either the total primary and family benefits payable under social security, or with such

**TABLE I-5**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**ANALYSIS OF TABLES I-1 AND I-1A EXPERIENCE BY EMPLOYEE CLASS**  
(Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
Calendar Years of Experience 1972-76

EMPLOYEE CODE	EMPLOYEE CLASS	TABLE 1A EXPERIENCE—NONJUMBO UNITS ONLY				TABLE 1 EXPERIENCE—ALL UNITS			
		Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
1.....	At least 75% salaried, majority executive	486	124,917	315	72%	492	167,182	427	78%
2.....	At least 75% salaried, majority nonexecutive	5,103	1,373,987	4,167	91	5,183	2,176,193	6,721	96
3.....	50-75% salaried	210	42,031	209	144	217	139,369	521	108
7.....	At least 50% salaried (exact percentage unknown)	77	11,499	18	41	77	11,499	18	41
	Subtotal (majority salaried)	5,876	1,552,434	4,709	90%	5,969	2,494,243	7,687	95%
6.....	At least 50% hourly (exact percentage unknown)	1,422	318,327	1,224	117%	1,429	412,719	1,577	117%
4.....	50-75% hourly	417	142,214	636	125	417	142,214	636	125
5.....	At least 75% hourly	323	107,283	584	151	331	159,471	1,069	153
	Subtotal (majority hourly)	2,162	567,824	2,444	126%	2,177	714,404	3,282	128%
9.....	Indeterminate	2,637	459,936	1,513	100%	2,639	485,334	1,589	101%
	Total.....	10,675	2,580,194	8,666	100%	10,785	3,693,981	12,558	103%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE I-5A  
 GROUP LONG-TERM DISABILITY INSURANCE  
 SUPPLEMENTAL ANALYSIS OF TABLE I-5 EXPERIENCE FOR EMPLOYEE CLASS CODE 2  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76

	NONJUMBO EXPERIENCE UNITS ONLY				ALL EXPERIENCE UNITS		
	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of A/T Claims*	Life Years Exposed	Number of Claims	Ratio of A/T Claims*
I. Relationship between Long-Term Disability Benefit and Salary							
<i>Ratio of gross benefit</i> (before reduction for integration) <i>to salary:</i>							
Always less than 50%.....	103	24,715	43	48%	45,928	94	73%
Generally less than 50%.....	71	4,643	5	45	4,643	5	45
Subtotal (less than 50%).....	174	29,358	48	47%	50,571	99	71%
50% (exactly or approximately).....	1,317	503,944	1,351	79%	771,379	2,254	86%
Always more than 50%, exact % unknown.....	92	59,976	217	98%	102,965	449	116%
Generally more than 50%, exact % unknown.....	291	30,029	72	71	67,286	292	119
More than 50%, but less than or equal to 60%..	2,452	603,865	2,068	103	900,515	2,804	99
More than 60%, but less than or equal to 70%..	396	103,056	298	107	203,331	530	105
More than 70%.....	14	4,656	23	161	4,656	23	161
Subtotal (greater than 50%).....	3,245	801,582	2,678	102%	1,278,753	4,098	103%
Other, including not determinable.....	367	39,103	90	66%	75,490	270	104%
Total salaried, nonexecutive.....	5,103	1,373,987	4,167	91%	2,176,193	6,721	96%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE 1-5A—Continued

	NONJUMBO EXPERIENCE UNITS ONLY				ALL EXPERIENCE UNITS		
	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of A/T Claims*	Life Years Exposed	Number of Claims	Ratio of A/T Claims*
II. Analysis by Plan Integration Provision							
<i>Other income sources included in plan integration provision:</i>							
Nonintegrated.....	1,384	281,622	907	104%	805,747	2,547	104%
Social security primary benefit only or in combination with income from other sources.....	604	254,866	748	82	323,137	980	87
Social security primary and family benefit only or in combination with income from other sources.....	2,927	800,251	2,397	90	989,341	2,952	91
Other integration bases.....	188	37,248	115	86	57,968	242	119
Total salaried, nonexecutive.....	5,103	1,373,987	4,167	91%	2,176,193	6,721	96%
III. Extent to Which a Disability Income is Provided during Elimination Period							
<i>Disability income benefit provided during the elimination period:</i>							
Full salary.....	107	53,405	233	125%	229,461	716	113%
Less than full salary but generally more than 50%.....	923	252,342	802	93	533,520	1,639	98
Generally less than 50% of salary.....	228	14,782	48	90	20,770	102	119
None.....	575	125,507	354	91	125,507	354	91
Noncodable or unknown.....	3,270	927,951	2,730	88	1,266,935	3,910	92
Total salaried, nonexecutive.....	5,103	1,373,987	4,167	91%	2,176,193	6,721	96%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE I-6  
 GROUP LONG-TERM DISABILITY INSURANCE  
 ANALYSIS OF TABLES I-1 AND I-1A EXPERIENCE BY INDUSTRY  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76

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INDUSTRY CODE(S)	INDUSTRY	TABLE 1A EXPERIENCE—NONJUMBO UNITS ONLY				TABLE 1 EXPERIENCE—ALL UNITS			
		Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
01-09.....	Agriculture, forestry, and fisheries	42	11,987	36	84%	44	49,803	96	54%
10-14.....	Mining	191	67,483	396	154	192	72,812	420	149
15-17.....	Contract construction	281	79,749	370	124	281	79,749	370	124
19-39.....	Manufacturing	4,171	1,120,187	3,887	100	4,227	1,564,118	6,120	112
40-49.....	Transportation, communication, electric, gas, and sanitary services	571	175,865	663	115	574	206,548	880	133
50-59.....	Wholesale and retail trade	1,633	229,841	835	107	1,638	271,586	949	103
60-67.....	Finance, insurance, and real estate	1,480	433,271	1,182	91	1,496	699,901	1,680	88
70-89.....	Services	2,049	405,290	1,086	83	2,076	692,943	1,832	79
91-94.....	Government	126	36,265	158	121	126	36,265	158	121
	All other classifiable	70	13,380	30	75	70	13,380	30	75
99.....	Nonclassifiable	61	6,876	23	113	61	6,876	23	113
	Total.....	10,675	2,580,194	8,666	100%	10,785	3,693,981	12,558	103%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

**TABLE I-6A**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**SUPPLEMENTAL ANALYSIS OF TABLE I-6 BY INDUSTRY**  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76

**I. GROUPS CONTAINING A MAJORITY OF HOURLY EMPLOYEES**

INDUSTRY CODE(S)	INDUSTRY	NONJUMBO UNITS ONLY				ALL UNITS			
		Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
01-09 . . . . .	Agriculture, forestry, and fisheries	3	1,155	3	84%	3	1,155	3	84%
10-14 . . . . .	Mining	76	33,418	218	161	77	38,747	242	152
15-17 . . . . .	Contract construction	63	20,176	91	142	63	20,176	91	142
19-39 . . . . .	Manufacturing	971	264,208	1,245	136	975	294,374	1,710	162
40-49 . . . . .	Transportation, communication, electric, gas, and sanitary services	154	69,532	255	112	157	100,215	472	149
50-59 . . . . .	Wholesale and retail trade	326	60,459	198	100	326	60,459	198	100
60-67 . . . . .	Finance, insurance, and real estate	237	46,198	123	89	237	46,198	123	89
70-89 . . . . .	Services	279	59,352	221	105	286	139,754	353	62
91-94 . . . . .	Government	44	12,249	84	189	44	12,249	84	189
	All other classifiable	9	1,077	6	147	9	1,077	6	147
99 . . . . .	Nonclassifiable	0	0	0	0	0	0	0	0
	Total . . . . .	2,162	567,824	2,444	126%	2,177	714,404	3,282	128%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.



TABLE I-6A—Continued

## II. GROUPS CONTAINING A MAJORITY OF SALARIED EMPLOYEES

INDUSTRY CODE(S)	INDUSTRY	NONJUMBO UNITS ONLY				ALL UNITS			
		Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
01-09 . . . . .	Agriculture, forestry, and fisheries	21	9,641	32	93%	22	40,418	49	33%
10-14 . . . . .	Mining	108	32,190	173	146	108	32,190	173	146
15-17 . . . . .	Contract construction	166	25,764	99	99	166	25,764	99	99
19-39 . . . . .	Manufacturing	2,466	718,627	2,226	89	2,518	1,132,392	3,994	102
40-49 . . . . .	Transportation, communication, electric, gas, and sanitary services	316	83,260	342	127	316	83,260	342	127
50-59 . . . . .	Wholesale and retail trade	943	119,392	426	101	948	161,137	540	96
60-67 . . . . .	Finance, insurance, and real estate	704	262,969	660	83	719	511,240	1,125	83
70-89 . . . . .	Services	1,047	272,155	667	77	1,067	479,406	1,281	85
91-94 . . . . .	Government	67	22,484	70	86	67	22,484	70	86
	All other classifiable	37	5,925	14	84	37	5,925	14	84
99 . . . . .	Nonclassifiable . . . . .	1	27	0	0	1	27	0	0
	Total . . . . .	5,876	1,552,434	4,709	90%	5,969	2,494,243	7,678	95%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE I-6B

GROUP LONG-TERM DISABILITY INSURANCE  
 COMPARISON OF TABLES I-6 AND I-6A EXPERIENCE BY EMPLOYEE CLASS  
 RATIO OF ACTUAL CLAIMS TO TABULAR CLAIMS\*

(Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)

CALENDAR YEARS OF EXPERIENCE 1972-76

INDUSTRY CODE(S)	INDUSTRY	TABLE 1A EXPERIENCE--NONJUMBO UNITS ONLY				TABLE 1 EXPERIENCE--ALL UNITS			
		All	Majority Salaried	Majority Hourly	Indetermi- nate	All	Majority Salaried	Majority Hourly	Indetermi- nate
01-09.....	Agriculture, forestry, and fisheries	84%	93%	84%	21%	54%	33%	84%	154%
10-14.....	Mining	154	146	161	123	149	146	152	123
15-17.....	Contract construction	124	99	142	134	124	99	142	134
19-39.....	Manufacturing	100	89	136	88	112	102	162	88
40-49.....	Transportation, communication, electric, gas and sanitary services	115	127	112	84	133	127	149	84
50-59.....	Wholesale and retail trade	107	101	100	131	103	96	100	131
60-67.....	Finance, insurance, and real estate	91	83	89	107	88	83	89	104
70-89.....	Services	83	77	105	82	79	85	62	82
91-94.....	Government	121	86	189	78	121	86	189	78
	All other classifiable	75	84	147	52	75	84	147	52
99.....	Nonclassifiable	113	0	0	113	113	0	0	113
	Total.....	100%	90%	126%	100%	103%	95%	128%	101%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE I-7  
 GROUP LONG-TERM DISABILITY INSURANCE  
 ANALYSIS OF TABLES I-1 AND I-1A EXPERIENCE BY CONTRIBUTORY STATUS  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76

CONTRIBUTORY STATUS	TABLE 1A-EXPERIENCE--NONJUMBO UNITS ONLY				TABLE 1 EXPERIENCE--ALL UNITS			
	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
Employee-pay-all.....	851	278,577	1,091	112%	875	528,268	1,986	121%
Employer-pay-all.....	5,542	979,051	3,341	103	5,572	1,347,346	4,187	97
Contributory, employer, and employee share cost.....	3,103	848,677	3,067	106	3,145	1,224,695	4,709	112
Unknown.....	1,179	473,889	1,167	76	1,193	593,672	1,676	82
Total.....	10,675	2,580,194	8,666	100%	10,785	3,693,981	12,558	103%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

**TABLE I-8**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**ANALYSIS OF TABLES I-1 AND I-1A EXPERIENCE BY PREEXISTING CONDITION PROVISION**  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76

CONTRIBUTORY STATUS	TABLE 1A-EXPERIENCE--NONJUMBO UNITS ONLY				TABLE 1 EXPERIENCE--ALL UNITS			
	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
Preexisting conditions are not covered . . . . .	6,761	927,621	3,220	104%	6,803	1,385,970	4,759	101%
Preexisting conditions are covered . . . . .	3,914	1,652,573	5,446	98	3,982	2,308,011	7,799	104
Total . . . . .	10,675	2,580,194	8,666	100%	10,785	3,693,981	12,558	103%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE I-9  
 GROUP LONG-TERM DISABILITY INSURANCE  
 ANALYSIS OF TABLES I-1 AND I-1A EXPERIENCE BY PLAN INDIRECT INTEGRATION PROVISION  
 (Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76

CONTRIBUTORY STATUS	TABLE 1A EXPERIENCE—NONJUMBO UNITS ONLY				TABLE 1 EXPERIENCE—ALL UNITS			
	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
No indirect integration.....	6,920	1,614,220	5,321	98%	6,964	2,047,896	6,609	95%
Indirect integration--nonduplication level:								
Less than 50%.....	26	16,001	34	62	27	37,214	85	91
50-59%.....	260	117,707	335	79	272	255,569	690	92
60-69%.....	1,035	321,318	1,125	104	1,073	666,340	2,332	103
70-79%.....	2,251	441,868	1,609	109	2,266	617,882	2,600	130
80-89%.....	135	44,499	143	111	135	44,499	143	111
Greater than 89%.....	16	3,436	13	157	16	3,436	13	157
Integrated but noncodable.....	32	21,145	86	161	32	21,145	86	161
Total.....	10,675	2,580,194	8,666	100%	10,785	3,693,981	12,558	103%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

TABLE I-A

EXPERIENCE UNDER PLANS WHERE LTD BENEFIT IS DIRECTLY  
INTEGRATED WITH SOCIAL SECURITY PRIMARY AND FAMILY BENEFITS  
ONLY OR IN COMBINATION WITH OTHER INCOME SOURCES

(Six-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females, and Sex Unknown Combined)  
Calendar Years of Experience 1972-76  
NONJUMBO -ALL EMPLOYEE CLASSES

Indirect Integration Classification	Relationship between LTD Benefit and Salary	Relationship between Disability Income Provided during Elimination Period and Salary	Number of Experience Units	Life Years Exposed	Number of Claims	Ratio of Actual Claims to Tabular Claims*
None or a nonduplication level less than 60%	50% or less	50% or less	1,053	361,689	1,022	84%
		Greater than 50%	90	21,648	41	61
		Subtotal	1,143	383,337	1,063	83%
	Greater than 50%	50% or less	4,615	878,292	3,007	102%
		Greater than 50%	457	138,025	510	104
	Subtotal	5,072	1,016,317	3,517	103%	
	Subtotal		6,215	1,399,654	4,580	97%
Nonduplication level greater than or equal to 60%	50% or less	50% or less	120	42,814	213	145%
		Greater than 50%	23	3,280	5	44
		Subtotal	143	46,094	218	138%
	Greater than 50%	50% or less	442	62,891	240	113%
		Greater than 50%	458	121,213	332	85
	Subtotal	900	184,104	572	95%	
	Subtotal		1,043	230,198	790	104%
Total			7,258	1,629,852	5,370	98%

\* Tabular claims were calculated by applying to actual age-sex-group exposures the crude rates of disablement shown in Table I-1A.

social security benefits plus income from other sources. The parameters selected for study were (a) the disability income provided by employer-sponsored, short-term plans during the elimination period, (b) the proportion of salary represented by the long-term disability benefit (before integration), and (c) the point at which the long-term disability benefit is reduced, if at all, when total income from all sources exceeds a certain percentage of salary (i.e., nonduplication level), or otherwise.

EXPERIENCE ON PLANS WITH THREE-MONTH AND  
TWELVE-MONTH ELIMINATION PERIODS

Tables II-1 and III-1 (Tables 2 and 3, respectively, in previous reports) are similar to Table I-1 but are based on the experience of plans with three-month and twelve-month elimination periods, respectively. It should be noted that the number of claims underlying the disablement rate for some of the sex-age cells shown in these tables is relatively small.

As on plans with a six-month elimination period, the experience on plans with three-month and twelve-month elimination periods is based largely on a "his own occupation" definition of disability generally during the first two years following disablement. About 1 percent of the experience on plans with a three-month elimination period and 4 percent of the experience on plans with a twelve-month elimination period is based on an "any occupation" definition for the full period of disability.

The reader is reminded that claims were reported and included in the rates of disablement, even though, as a result of the existence of social security or other disability income under plans with an offset provision, no benefit may have been payable.

Tables II-2 and III-2 are new tables (but similar to Table I-2) that analyze, by underlying calendar year of experience, the crude rates of disablement shown in Tables II-1 and III-1, respectively, for all ages and for males, females and sex-unknown exposures combined. Some portion of the variation in the overall disablement rates from year to year is the result of changes in the distributions of exposed to risk by age groups. These tables further show that accidents account for a small portion of the claims coded for a known cause of disablement—about 14 percent on plans with a three-month elimination period and 8 percent on plans with a twelve-month elimination period. As on plans with a six-month elimination period, the reader is reminded that the lag in claim reporting may tend to understate the claim experience shown in the tables presented in this portion of the report.

Tables II-2 and III-2 also show the ratios of actual claims to tabular

**TABLE II-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE RATES OF DISABLEMENT**  
**(Three-Month Elimination Period; Calendar**  
**Year of Issue Excluded)**  
**Calendar Years of Experience 1972-76**  
**ALL EXPERIENCE UNITS COMBINED**

Attained Age	Life Years Exposed	Number of Claims	Rate of Disablement per 1,000 Lives
All Experience: Males, Females, and Sex Unknown			
Under 40 . . . . .	478,337	913	1.91
40-44 . . . . .	97,534	408	4.18
45-49 . . . . .	92,467	584	6.32
50-54 . . . . .	79,001	710	8.99
55-59 . . . . .	58,864	877	14.90
60-64 . . . . .	36,763	766	20.84
All ages . . . . .	842,966	4,258	5.05
Male Experience Only			
Under 40 . . . . .	228,863	417	1.82
40-44 . . . . .	51,072	192	3.76
45-49 . . . . .	46,633	270	5.79
50-54 . . . . .	39,920	339	8.49
55-59 . . . . .	30,421	502	16.50
60-64 . . . . .	20,092	457	22.75
All ages . . . . .	417,001	2,177	5.22
Female Experience Only			
Under 40 . . . . .	109,923	244	2.22
40-44 . . . . .	17,466	119	6.81
45-49 . . . . .	17,798	147	8.26
50-54 . . . . .	16,632	168	10.10
55-59 . . . . .	12,046	167	13.86
60-64 . . . . .	6,902	120	17.39
All ages . . . . .	180,767	965	5.34



**TABLE III-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE RATES OF DISABLEMENT**  
**PER 1,000 LIVES EXPOSED**  
 (Twelve-Month Elimination Period; Calendar  
 Year of Issue Excluded)  
 Calendar Years of Experience 1972-76  
**ALL EXPERIENCE UNITS COMBINED**

Attained Age	Life Years Exposed	Number of Claims	Rate of Disablement per 1,000 Lives
All Experience: Males, Females, and Sex Unknown			
Under 40 . . . . .	155,592	99	0.64
40-44 . . . . .	30,801	47	1.53
45-49 . . . . .	34,062	110	3.23
50-54 . . . . .	31,943	176	5.51
55-59 . . . . .	25,631	246	9.60
60-64 . . . . .	12,560	135	10.75
All ages . . . . .	290,589	813	2.80
Male Experience Only			
Under 40 . . . . .	101,541	65	0.64
40-44 . . . . .	20,033	28	1.40
45-49 . . . . .	22,642	74	3.27
50-54 . . . . .	21,476	107	4.98
55-59 . . . . .	17,205	180	10.46
60-64 . . . . .	9,234	115	12.45
All ages . . . . .	192,131	569	2.96
Female Experience Only			
Under 40 . . . . .	23,763	27	1.14
40-44 . . . . .	5,555	12	2.16
45-49 . . . . .	6,837	27	3.95
50-54 . . . . .	7,117	58	8.15
55-59 . . . . .	6,023	47	7.80
60-64 . . . . .	2,204	8	3.63
All ages . . . . .	51,499	179	3.48

TABLE II-2

**GROUP LONG-TERM DISABILITY INSURANCE  
ANALYSIS OF RATES OF DISABLEMENT  
BY CALENDAR YEAR OF INCURRAL**

(Three-Month Elimination Period; Calendar Year of Issue Excluded; All Ages;  
Males, Females, and Sex Unknown Combined)  
Calendar Years of Experience 1962-76

CALENDAR YEAR OF INCURRAL	NUMBER OF EXPERIENCE UNITS	LIFE YEARS EXPOSED	NUMBER OF CLAIMS			RATE OF DISABLEMENT PER 1,000 LIVES	RATIO OF ACTUAL CLAIMS TO TABULAR CLAIMS*
			Accident	Sickness	Total (Incl. Unknown)		
All Experience Units Combined							
1962-66 .....	466	47,353	25	172	200	4.22	77%
1967-71 .....	3,481	489,857	370	2,157	2,558	5.22	96
1972 .....	1,997	175,176	159	755	916	5.23	99%
1973 .....	1,395	160,028	128	719	847	5.29	103
1974 .....	1,429	169,181	102	698	800	4.73	97
1975 .....	1,378	181,994	112	718	834	4.58	94
1976 .....	1,113	156,587	93	768	861	5.50	107
1972-76 .....	7,312	842,966	594	3,658	4,258	5.05	100%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table II-1 for males, females, and sex unknown combined.

TABLE III-2

**GROUP LONG-TERM DISABILITY INSURANCE  
ANALYSIS OF RATES OF DISABLEMENT  
BY CALENDAR YEAR OF INCURRAL**

(Twelve-Month Elimination Period; Calendar Year of Issue Excluded; All Ages;  
Males, Females, and Sex Unknown Combined)  
Calendar Years of Experience 1962-76

CALENDAR YEAR OF INCURRAL	NUMBER OF EXPERIENCE UNITS	LIFE YEARS EXPOSED	NUMBER OF CLAIMS			RATE OF DISABLEMENT PER 1,000 LIVES	RATIO OF ACTUAL CLAIMS TO TABULAR CLAIMS*
			Accident	Sickness	Total (Incl. Unknown)		
All Experience Units Combined							
1962-66 .....	80	23,653	0	43	45	1.90	69%
1967-71 .....	302	148,370	23	245	308	2.08	74
1972 .....	83	49,252	7	110	118	2.40	96%
1973 .....	94	58,882	13	118	132	2.24	84
1974 .....	97	60,217	18	149	167	2.77	95
1975 .....	95	56,655	16	196	212	3.74	129
1976 .....	123	65,583	13	171	184	2.81	97
1972-76 .....	492	290,589	67	744	813	2.80	100%

\* Tabular claims were calculated by applying to the actual age-sex-group exposures the crude rates of disablement shown in Table III-1 for males, females, and sex unknown combined.

claims. The tabular claims for each year were obtained by applying the rates of disablement of all size groups from Tables II-1 and III-1, respectively, by sex category to the actual exposures for each age-sex group (males, females and sex unknown). These tabulars, therefore, only adjust for age and sex. No adjustments are made, however, for any other factors that might influence disablement rates.

Tables II-3 and III-3 (revised versions of Table 4 shown in previous reports) subdivide the experience shown in Tables II-1 and III-1, respectively, for all ages and for males, females and sex-unknown exposures combined by size of experience unit. Note that experience units of less than 100 lives accounted for over 78 percent of the total number of units on plans with a three-month elimination period and 41 percent on plans with a twelve-month elimination period. This explains the large number of units that experienced no claims. These tables show that the rate of disablement and the actual-to-tabular ratios tend to increase with the size of the group—a phenomenon that is consistent with the results of prior reports.

Tables II-3 and III-3 also include a dispersion-type analysis of ratios of actual claims to tabular claims. As in Tables II-2 and III-2, these tabulars adjust only for age and sex. However, because the experience is not adjusted for other characteristics that might have a measurable impact on the rate of disablement, caution should be used in interpreting the results.

The respective experience shown in Table I-1A, Table II-1, and Table III-1 was examined by contributing company to determine the variances among companies. The findings along with the relative exposure are displayed in Exhibit I in the form of actual-to-tabular ratios. In comparing the differences between the companies, one should be reminded of the caveats noted throughout this report.

#### ANALYSIS OF RATES OF TERMINATION

As noted above, we have changed the format of this portion of the report. Specifically, each of the tables has been renumbered and grouped along with its discussion according to the elimination period.

#### EXPERIENCE ON PLANS WITH A SIX-MONTH ELIMINATION PERIOD

Table A-1 (Table D-1 in past reports) shows, for plans with a six-month elimination period, the crude rates of termination from death or recovery based on number of lives, by sex and age groups, for the period 1962-76. Because of the small number of terminations at the later durations, the experience has been truncated at the end of eight years of

## EXHIBIT I

ANALYSIS OF THE EXPERIENCE OF TABLE I-1A (SIX-MONTH, NONJUMBO),  
TABLE II-1 (THREE-MONTH, ALL EXPERIENCE), AND TABLE III-1  
(TWELVE-MONTH, ALL EXPERIENCE) BY CONTRIBUTING COMPANY

COMPANY	TABLE I-1A		TABLE II-1		TABLE III-1	
	% of Total Exposure	Ratio A/T	% of Total Exposure	Ratio A/T	% of Total Exposure	Ratio A/T
I.....	9%	96%	3%	73%	10%	105%
II.....	3	78	5	79	7	38
III.....	8	131	20	110	29	130
IV.....	3	109	11	126	1	68
V.....	8	76	11	84	6	32
VI.....	1	95	2	101	0	0
VII.....	4	105	8	93	2	154
VIII.....	19	87	10	66	2	68
IX.....	31	106	0	0	36	105
X.....	1	84	1	47	2	8
XI.....	10	100	27	103	1	57
XII.....	3	133	2	198	4	95
All.....	100%	100%	100%	100%	100%	100%

disablement. It should be noted that the termination rates for the first year of disablement relate to the six-month period following the end of the elimination period. There were 44,182 claims exposed to termination, of which 12,558 originated from the 1972-76 and 9,044 from the 1962-71 active lives experience (all experience units combined), with the balance from experience units that were not included in the study of rates of disablement. The Committee did a subanalysis of the termination rates of only the claims that were included in the rates of disablement portion of the study. Termination rates for these claims were found to be generally 10 to 15 percent higher than those shown in Table A-1.

The actual number of claims that terminated by death or recovery is shown in Table A-2 (Table D-1A in previous reports). Ratios of the actual terminations to the number of terminations that would have been produced by application of termination rates from the 1964 Commissioner's Disability Table (CDT) to the Table A-1 exposures are presented in Table A-3 (Table D-1B in prior reports). The low first-year ratios shown in Table A-3 would appear to be due to the shorter elimination periods of the individual health insurance experience underlying the first year termination rates of the 1964 CDT.

Table A-4 (Table D-1E in prior reports) further analyzes the claim termination experience by examining, by claim incurral year during the

TABLE II-3

## GROUP LONG-TERM DISABILITY INSURANCE

## RATES OF DISABLEMENT AND RATIOS OF ACTUAL CLAIMS TO TABULAR CLAIMS BY SIZE OF EXPERIENCE UNIT EXPOSED

(Three-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females and Sex Unknown Combined)

Calendar Years of Experience 1972-76

ALL EXPERIENCE UNITS COMBINED

SIZE OF UNIT	NUMBER OF EXPERIENCE UNITS	LIFE YEARS EXPOSED	NUMBER OF CLAIMS	RATE OF DISABLEMENT PER 1,000 LIVES	AVERAGE A/T RATIO*	NUMBER OF EXPERIENCE UNITS BY RATIO OF ACTUAL TO TABULAR CLAIMS*							
						0%	1-50%	50-75%	75-100%	100-150%	150-200%	200-500%	500% or More
Under 25 lives.....	2,060	25,596	134	5.24	100%	1,951	0	0	0	0	0	8	101
25-49.....	1,925	70,235	353	5.03	92	1,627	1	0	0	0	2	154	141
50-99.....	1,724	119,102	601	5.05	96	1,280	0	0	1	17	60	292	74
100-249.....	963	142,948	702	4.91	99	534	0	16	37	109	95	149	23
250-499.....	316	110,882	545	4.92	98	103	15	43	25	57	35	38	0
500-999.....	220	150,614	792	5.26	104	35	34	31	21	47	25	25	2
1,000-2,499.....	80	119,834	612	5.11	110	6	13	13	12	17	9	9	1
2,500-4,999.....	17	64,959	242	3.73	79	1	3	5	3	4	1	0	0
Under 5,000.....	7,305	804,170	3,981	4.95	99%	5,537	66	108	99	251	227	675	342
5,000 or more.....	7	38,796	277	7.14	123%	0	0	2	1	2	1	1	0
Total.....	7,312	842,966	4,258	5.05	100%	5,537	66	110	100	253	228	676	342

\* Tabular claims were calculated by applying to actual age-sex-group exposures the crude rates of disablement shown in Table II-1.

TABLE III-3

GROUP LONG-TERM DISABILITY INSURANCE  
 RATES OF DISABLEMENT AND RATIOS OF ACTUAL CLAIMS TO TABULAR CLAIMS BY SIZE OF EXPERIENCE UNIT EXPOSED  
 (Twelve-Month Elimination Period; Calendar Year of Issue Excluded; All Ages; Males, Females and Sex Unknown Combined)  
 Calendar Years of Experience 1972-76  
 ALL EXPERIENCE UNITS COMBINED

SIZE OF UNIT	NUMBER OF EXPERIENCE UNITS	LIFE YEARS EXPOSED	NUMBER OF CLAIMS	RATE OF DISABLEMENT PER 1,000 LIVES	AVERAGE A/T RATIOS*	NUMBER OF EXPERIENCE UNITS BY RATIO OF ACTUAL TO TABULAR CLAIMS*							
						0%	1-50%	50-75%	75-100%	100-150%	150-200%	200-500%	500% or More
Under 25 lives.....	18	230	1	4.35	144%	17	0	0	0	0	0	0	1
25-49.....	83	3,108	5	1.61	49	78	0	0	0	0	0	0	5
50-99.....	99	7,024	9	1.28	45	92	0	0	0	0	0	3	4
100-249.....	122	19,884	47	2.36	71	87	0	0	0	11	8	14	2
250-499.....	58	21,684	52	2.40	76	28	0	5	7	5	6	7	0
500-999.....	52	37,913	131	3.46	101	13	7	6	3	11	4	7	1
1,000-2,499.....	24	32,568	94	2.89	86	2	7	6	2	3	3	1	0
2,500-4,999.....	26	94,343	278	2.95	107	5	7	2	1	5	2	3	1
Under 5,000.....	482	216,754	617	2.85	93%	322	21	19	13	35	23	35	14
5,000 or more.....	10	73,835	196	2.65	133%	0	3	0	1	2	3	1	0
Total.....	492	290,589	813	2.80	100%	322	24	19	14	37	26	36	14

\* Tabular claims were calculated by applying to actual age-sex-group exposures the crude rates of disablement shown in Table III-1.

TABLE A-1

GROUP LONG-TERM DISABILITY INSURANCE  
CRUDE TERMINATION RATES PER 1,000 CLAIMS EXPOSED  
TO DEATH OR RECOVERY

(Six-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
7th month.....	59.2	44.1	49.3	35.5	24.1	17.5
8th month.....	73.4	55.5	61.7	41.2	25.5	18.4
9th month.....	74.6	54.0	61.0	39.3	23.8	17.8
10th month.....	69.2	47.0	54.5	34.7	22.2	14.1
11th month.....	59.1	43.0	48.3	30.8	20.5	11.3
12th month.....	58.6	44.4	49.0	30.3	17.6	13.0
1st year (last 6 months)...	334.9	255.6	283.2	194.0	126.6	88.7
13th month.....	54.4	43.1	46.8	28.7	16.2	12.3
14th month.....	50.8	35.0	40.0	26.2	14.5	10.3
15th month.....	50.7	31.0	37.2	23.9	13.2	10.3
16th month.....	36.4	30.7	32.5	20.5	12.1	10.0
17th month.....	31.4	31.1	31.2	19.0	10.4	9.4
18th month.....	31.2	25.9	27.5	19.0	12.2	9.4
19th month.....	33.7	21.6	25.2	15.5	12.1	9.4
20th month.....	34.6	17.3	22.4	11.7	9.6	9.4
21st month.....	31.1	15.3	19.9	11.8	9.8	8.2
22d month.....	24.1	21.1	22.0	11.8	9.2	6.1
23d month.....	22.7	23.4	23.2	12.1	8.4	6.2
24th month.....	38.5	22.7	27.3	16.3	9.3	8.3
2d year.....	361.5	275.8	303.0	196.4	128.7	104.0
3d year.....	273.1	186.1	211.6	132.1	90.7	82.3
4th year.....	115.6	106.4	108.8	73.6	68.2	71.3
5th year.....	74.5	76.3	75.9	53.2	63.6	49.5
6th year.....	62.0†	58.4	59.4	48.7	67.0	83.9
7th year.....	98.2†	74.4	80.4	53.9	60.8	55.5†
8th year.....	33.1*	77.5	69.0	54.0	60.4	32.2*
Male Only						
1st year (last 6 months)...	342.1	270.3	294.9	186.8	123.5	86.3
2d year.....	370.0	283.7	311.1	178.5	124.6	105.3
3d year.....	281.9	189.9	216.5	124.3	89.8	81.1
4th year.....	115.7	115.4	115.6	75.3	71.8	76.6
5th year.....	66.8†	77.8	75.1	54.4	68.5	53.3
6th year.....	60.9*	33.0†	40.1	47.6	74.3	77.3
7th year.....	74.7*	95.3	90.8	57.0	64.4	58.3†
8th year.....	0.0*	59.7†	48.4†	62.2	61.1	21.9*
Female Only						
1st year (last 6 months)...	323.8	231.5	264.5	207.6	135.9	98.5
2d year.....	346.7	262.7	289.8	231.5	141.1	98.3
3d year.....	258.8	180.0	203.6	148.7	93.9	87.4
4th year.....	114.5	91.6	98.1	69.4	55.6	46.5
5th year.....	84.9†	73.6	76.7	50.3	46.0	30.1*
6th year.....	63.6*	95.9	87.2	51.2	39.8	140.0*
7th year.....	132.8*	46.9*	67.5†	47.1	47.9	33.3*
8th year.....	81.6*	101.8†	97.7†	36.5†	57.8	121.1*

\* Involves fewer than five terminations.

† Involves fewer than ten terminations.

period 1962-75, the ratio for all ages combined of the actual terminations to the number of terminations that would have been produced by application of the termination rates from the 1964 CDT to the Table A-1 exposures associated with the claims incurred.

Table A-5 (Table D-1C in previous reports) compares the values of a

TABLE A-2  
GROUP LONG-TERM DISABILITY INSURANCE  
NUMBER OF CLAIMS TERMINATED BY DEATH OR RECOVERY  
(Six-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
1st year (last 6 months)	615	883	1498	1668	2253	760
2d year	322	523	845	1077	1606	580
3d year	119	201	320	466	808	271
4th year	29	73	102	187	448	115
5th year	13	37	50	98	308	33
6th year	7	21	28	65	219	16
7th year	7	15	22	50	108	7
8th year	1	12	13	36	62	3
Male Only						
1st year (last 6 months)	377	579	956	1050	1647	595
2d year	206	331	537	643	1174	478
3d year	71	124	195	302	611	218
4th year	18	50	68	134	368	100
5th year	7	23	30	71	260	29
6th year	4	7	11	45	191	13
7th year	3	12	15	37	89	7
8th year	0	5	5	28	49	2
Female Only						
1st year (last 6 months)	238	304	542	618	606	165
2d year	116	192	308	434	432	102
3d year	48	77	125	164	197	53
4th year	11	23	34	53	80	15
5th year	6	14	20	27	48	4
6th year	3	14	17	20	28	3
7th year	4	3	7	13	19	0
8th year	1	7	8	8	13	1



TABLE A-3

GROUP LONG-TERM DISABILITY INSURANCE  
RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR  
RECOVERY TO NUMBER OF TERMINATIONS EXPECTED FROM THE  
1964 COMMISSIONERS DISABILITY TABLE\*

(Six-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABILITY	ALL AGES OF DISABILITY COMBINED	AGE AT DISABILITY					
		Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined							
1st year (last 6 months)	37.4%	62.0%	49.4%	53.9%	41.8%	33.3%	26.0%
2d year	82.0	116.3	99.9	105.6	83.8	73.6	75.6
3d year	75.5	118.3	94.6	102.6	80.3	67.8	68.3
4th year	64.7	66.6	74.8	72.4	62.1	63.8	66.7
5th year	66.4	55.4	71.6	66.6	59.0	70.4	50.0
6th year	77.0	56.9†	68.5	65.0	65.1	82.7	89.9
7th year	79.7	105.5†	101.4	103.0	78.4	78.0	61.1†
8th year	78.7	39.7†	115.2	97.9	81.5	78.6	35.0†
Male Only							
1st year (last 6 months)	36.1%	63.3%	52.2%	56.1%	40.2%	32.5%	25.3%
2d year	78.7	119.0	102.8	108.4	76.2	71.3	76.6
3d year	73.2	122.2	96.5	105.0	75.5	67.0	67.3
4th year	67.8	66.6	81.2	77.1	63.6	67.2	71.6
5th year	70.3	49.6†	73.0	66.0	60.3	75.8	53.8
6th year	81.2	55.9†	38.8†	44.1	63.6	91.6	82.7
7th year	84.2	80.2†	129.9	116.3	82.8	82.7	64.1†
8th year	78.7	0.0†	88.7†	68.7†	93.8	79.6	23.8†
Female Only							
1st year (last 6 months)	40.7%	59.9%	44.7%	50.3%	44.7%	35.7%	28.8%
2d year	90.2	111.5	95.1	101.0	98.8	80.7	71.5
3d year	81.8	112.1	91.5	98.5	90.3	70.1	72.5
4th year	55.4	65.9	64.5	65.0	58.6	52.0	43.5
5th year	54.4	63.1†	69.1	67.1	55.8	51.0	30.4†
6th year	64.3	58.3†	112.6	95.0	68.4	49.1	149.9†
7th year	66.6	142.6†	63.9†	86.6†	68.5	61.4	36.7†
8th year	79.5	98.0†	151.2†	138.6†	55.1†	75.3	131.6†

\* As published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.

TABLE A-4

GROUP LONG-TERM DISABILITY INSURANCE RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR RECOVERY  
TO NUMBER OF TERMINATIONS EXPECTED FROM THE 1964 COMMISSIONERS DISABILITY TABLE\*

(Six-Month Elimination Period; Calendar Years of Experience 1962-76)

ALL AGES OF DISABLEMENT COMBINED

DURATION OF DISABLEMENT	YEAR OF DISABLEMENT											
	1966 and Prior	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	All Years
Male and Female Combined												
1st year (last 6 months) . . .	43.9%	48.3%	43.4%	38.3%	37.8%	34.7%	35.4%	34.8%	33.9%	36.7%	30.3%	37.4%
2d year . . .	97.6	103.3	91.6	89.8	75.6	85.0	81.0	74.1	72.7	66.4	.....	82.0
3d year . . .	93.5	88.8	83.7	73.8	75.8	74.6	71.2	61.0	78.5	.....	.....	75.5
4th year . . .	85.0	76.3	60.8	71.9	59.9	53.6	57.8	65.5	.....	.....	.....	64.7
5th year . . .	84.3	44.4	78.4	69.3	59.4	65.4	68.0	.....	.....	.....	.....	66.4
6th year . . .	99.7	71.8	78.3	69.8	67.4	67.0	.....	.....	.....	.....	.....	77.0
7th year . . .	84.0	71.4	78.5	66.9	102.0	.....	.....	.....	.....	.....	.....	79.7
8th year . . .	84.5	94.6	50.8	82.7	.....	.....	.....	.....	.....	.....	.....	78.7
Male Only												
1st year (last 6 months) . . .	41.4%	47.4%	43.7%	36.0%	37.0%	32.4%	36.9%	33.0%	31.9%	35.3%	27.1%	36.1%
2d year . . .	99.9	96.6	87.8	85.5	68.9	80.0	77.9	73.0	69.6	64.1	.....	78.7
3d year . . .	87.6	78.9	79.5	74.4	73.0	73.3	69.0	61.0	78.2	.....	.....	73.2
4th year . . .	81.4	81.5	60.5	81.2	61.2	57.5	59.3	77.7	.....	.....	.....	67.8
5th year . . .	89.7	47.4	89.0	66.2	63.6	68.6	79.7	.....	.....	.....	.....	70.3
6th year . . .	110.1	73.0	76.7	71.0	70.2	76.4	.....	.....	.....	.....	.....	81.2
7th year . . .	88.9	88.6	78.5	68.0	110.6	.....	.....	.....	.....	.....	.....	84.2
8th year . . .	90.2	84.1	48.7	78.6	.....	.....	.....	.....	.....	.....	.....	78.7

\* As published by the Health Insurance Association of America, Table B1, Vol. III.

TABLE A-4—Continued

DURATION OF DISABLEMENT	YEAR OF DISABLEMENT											
	1966 and Prior	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	All Years
	Female Only											
1st year (last 6 months) . . .	50.0%	50.7%	42.6%	44.1%	40.2%	41.0%	31.4%	39.1%	38.1%	40.0%	37.5%	40.7%
2d year . . . . .	91.4	119.9	101.5	100.6	94.4	99.1	88.8	76.7	79.5	71.8	.....	90.2
3d year . . . . .	109.6	116.8	95.0	72.3	84.4	78.7	77.0	60.9	78.9	.....	.....	81.8
4th year . . . . .	95.6	60.9	61.5	45.7	55.5	41.6	53.5	36.8	.....	.....	.....	55.4
5th year . . . . .	67.3	36.1†	49.1†	77.9	45.3	55.2	35.7†	.....	.....	.....	.....	54.4
6th year . . . . .	66.6	68.7†	82.9	66.0	57.8	34.6†	.....	.....	.....	.....	.....	64.3
7th year . . . . .	67.8	25.1†	78.7†	63.0†	80.0†	.....	.....	.....	.....	.....	.....	66.6
8th year . . . . .	65.5†	120.9	56.7†	97.5†	.....	.....	.....	.....	.....	.....	.....	79.5

† Involves fewer than ten terminations.

monthly benefit of \$1 payable for a maximum period of sixty months with the values of a similar benefit payable to age 65. The illustrations are done on two alternate bases, each using a 3 percent interest discount. One basis is the Table A-1 crude termination rates for the first six years, regardless of the actual number of terminations in each duration-age cell, and the 1964 CDT rates thereafter. The other basis uses the termination rates from the 1964 CDT throughout. It should be noted that reports prior to 1977 used the Table A-1 crude termination rates for the first *four* years and the 1964 CDT rates thereafter. Attention is directed to Exhibit A, which traces for two age groups on a basis consistent with these previous reports the ratios of annuity values based on the Table

TABLE A-5  
GROUP LONG-TERM DISABILITY INSURANCE  
ILLUSTRATIVE VALUES OF A MONTHLY BENEFIT OF \$1 PAYABLE FOR  
VARIOUS BENEFIT PERIODS, DISCOUNTED AT 3 PERCENT INTEREST  
(Six-Month Elimination Period; Males and Females Combined)

AGE AT DISABLEMENT	VALUE AS OF END OF ELIMINATION PERIOD			VALUE AS OF END OF TWELFTH MONTH OF DISABLEMENT		
	Based on Table A-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT	Based on Table A-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT
<i>Benefit Payable for a Maximum of 60 Months but Not beyond Age 55 with First Payment Due at the End of the Elimination Period</i>						
25.5 . . . . .	\$22.41	\$16.59	135%	\$26.76	\$28.46	94%
35.5 . . . . .	28.38	18.44	154	31.68	30.86	103
45.5 . . . . .	34.37	21.71	158	36.56	33.50	109
55.5 . . . . .	40.32	26.85	150	40.40	36.68	110
62.5 . . . . .	20.23	14.91	136	16.22	15.77	103
<i>Benefit Payable to Age 65 with First Payment Due at the End of the Elimination Period</i>						
25.5 . . . . .	\$46.88	\$32.62	144%	\$64.09	\$63.86	100%
35.5 . . . . .	63.55	38.72	164	79.63	73.54	108
45.5 . . . . .	73.36	42.87	171	85.66	73.57	116
55.5 . . . . .	59.97	38.40	156	63.23	55.60	114
62.5 . . . . .	20.23	14.91	136	16.22	15.77	103

\* Annuity values are based on the crude, ungraduated, combined male and female termination rates from Table A-1 for the first six years and on the 1964 Commissioners Disability Table rates thereafter.

A-1 crude termination rates for the first *four* years and the 1964 CDT thereafter to those based on the 1964 CDT throughout as shown in Table A-5 in the last seven reports for plans providing a monthly benefit to age 65.

Table A-6 (Table D-1D in prior reports) shows male and female disabled life annuity values for a benefit payable to age 65, based upon the male and female claims, respectively, included in Table A-5. There were 31,879 male and 12,303 female claims in this analysis. As was done in Table A-5, illustrative values are shown on two alternate bases. In making any sex comparisons, the reader is reminded that the 1964 CDT is a unisex table.

TABLE A-6  
GROUP LONG-TERM DISABILITY INSURANCE  
ILLUSTRATIVE VALUES, UNDER PLANS WITH A SIX-MONTH  
ELIMINATION PERIOD, OF A MONTHLY BENEFIT OF \$1,  
DISCOUNTED AT 3 PERCENT INTEREST, PAYABLE TO AGE 65,  
WITH FIRST PAYMENT DUE AT THE END OF  
ELIMINATION PERIOD

AGE AT DISABLEMENT	VALUE AS OF END OF ELIMINATION PERIOD			VALUE AS OF END OF TWELFTH MONTH OF DISABLEMENT		
	Based on Table A-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT	Based on Table A-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT
Male Only						
25.5.....	\$45.79	\$32.62	140%	\$63.15	\$63.86	99%
35.5.....	62.00	38.72	160	79.15	73.54	108
45.5.....	75.83	42.87	177	87.96	73.57	120
55.5.....	60.04	38.40	156	63.09	55.60	113
62.5.....	20.26	14.91	136	16.20	15.77	103
Female Only						
25.5.....	\$48.79	\$32.62	150%	\$65.85	\$63.86	103%
35.5.....	66.26	38.72	171	80.57	73.54	110
45.5.....	68.68	42.87	160	81.20	73.57	110
55.5.....	60.00	38.40	156	63.96	55.60	115
62.5.....	20.10	14.91	135	16.30	15.77	103

\* Annuity values are based on the crude, ungraduated, male or female termination rates from Table A-1 for the first six years and on the 1964 Commissioners Disability Table rates thereafter.

## EXHIBIT A

**GROUP LONG-TERM DISABILITY INSURANCE**  
**RATIO OF ANNUITY VALUE PAYABLE TO AGE 65 DISCOUNTED AT 3 PERCENT**  
**BASED ON THE COMBINED TABLE A-1 EXPERIENCE FOR THE FIRST FOUR**  
**YEARS AND ON THE 1964 CDT RATES THEREAFTER TO THE**  
**ANNUITY VALUES PAYABLE TO AGE 65 DISCOUNTED AT**  
**3 PERCENT BASED ON THE 1964 CDT THROUGHOUT**  
**(Six-Month Elimination Period; Males and Females Combined)**

AGE AT DISABLEMENT	YEARS OF DISABLED LIVES TERMINATION EXPERIENCE							
	1962- 1969	1962- 1970	1962- 1971	1962- 1972	1962- 1973	1962- 1974	1962- 1975	1962- 1976
	Ratio Based on Values as of End of Elimination Period							
45.5 .....	139%	145%	141%	157%	159%	161%	169%	165%
55.5 .....	142%	144%	143%	150%	149%	150%	155%	154%
	Ratio Based on Values as of End of Twelfth Month of Disablement							
45.5 .....	99%	101%	99%	108%	108%	110%	114%	112%
55.5 .....	104%	105%	104%	109%	108%	110%	112%	112%

To allow for the analysis of current trends in claim termination experience, Tables AA-1, AA-2, and AA-3 have been developed. These tables are similar to Tables A-1, A-2, and A-3, respectively, except that the observation period is restricted to the most current five years, namely, 1972-76. As in Table A-1, the claim experience shown has been truncated at the end of eight years.

**EXPERIENCE ON PLANS WITH THREE-MONTH AND  
TWELVE-MONTH ELIMINATION PERIODS**

Tables B-1, B-2, B-3, B-4, B-5, B-6, BB-1, BB-2, and BB-3 analyze the experience of terminations for plans with a three-month elimination period and are similar in form and content to the corresponding tables of the series, with two exceptions. The experience shown has been truncated at six years instead of the eight years that was used for the six-month elimination period plans. Also, the crude termination rates from Table B-1 are used for four years (instead of the six years that was used for the six-month elimination period plans), with the 1964 CDT termination rates used thereafter, in calculating one of the two sets of illustrative values in Tables B-5 and B-6. The number of claims exposed

TABLE AA-1

GROUP LONG-TERM DISABILITY INSURANCE  
CRUDE TERMINATION RATES PER 1,000 CLAIMS EXPOSED  
TO DEATH OR RECOVERY

(Six-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
7th month.....	49.8	40.7	44.0	33.7	24.4	16.2
8th month.....	71.4	50.1	57.7	37.1	23.7	16.5
9th month.....	79.9	47.2	58.8	35.8	22.3	16.2
10th month.....	72.7	42.8	53.2	32.0	21.1	13.7
11th month.....	58.2	38.4	45.2	27.7	19.5	10.0
12th month.....	52.2	39.2	43.6	27.0	17.2	11.4
1st year (last 6 months).....	328.0	232.2	266.8	178.3	121.6	81.1
13th month.....	49.8	39.8	43.1	26.4	15.5	11.7
14th month.....	47.6	36.6	40.1	25.0	13.6	9.2
15th month.....	50.6	33.5	38.9	22.4	13.6	9.0
16th month.....	43.5	30.6	34.6	20.2	11.8	7.8
17th month.....	33.0	30.9	31.6	18.1	9.0	7.4
18th month.....	30.1	26.6	27.7	17.0	10.0	8.8
19th month.....	36.9	21.9	26.4	12.8	9.6	8.6
20th month.....	33.9	17.3	22.3	10.2	7.8	8.7
21st month.....	32.1	13.9	19.3	11.3	8.1	7.8
22d month.....	24.7†	18.8	20.6	9.6	8.1	5.4
23d month.....	19.7	23.0	22.0	11.3	8.1	5.1
24th month.....	36.9	20.7	25.5	17.1	9.0	7.7
2d year.....	360.9	272.6	300.8	183.9	117.4	93.0
3d year.....	252.0	170.7	195.0	130.2	83.9	75.5
4th year.....	116.9	103.4	107.2	64.5	62.6	70.2
5th year.....	74.5	72.4	73.1	54.6	60.8	37.2
6th year.....	69.7†	61.7	64.2	38.8	59.8	85.6
7th year.....	104.6†	80.5	87.3	51.0	57.2	57.3†
8th year.....	34.2*	63.8†	57.7	57.4	61.6	32.2*
Male Only						
1st year (last 6 months).....	321.3	241.1	269.3	179.2	118.8	76.7
2d year.....	371.3	278.3	307.6	165.3	114.0	92.8
3d year.....	255.6	169.7	194.8	122.1	85.0	78.3
4th year.....	116.4	126.6	124.0	67.4	66.5	75.6
5th year.....	67.5†	70.3	69.7	55.8	65.5	40.4
6th year.....	72.3*	41.2†	49.5	37.9	64.9	78.5
7th year.....	82.0*	110.3	104.1	50.0	62.5	60.2†
8th year.....	0.0*	69.1†	55.6†	66.4	62.1	21.9*
Female Only						
1st year (last 6 months).....	337.5	217.7	263.0	176.6	129.7	96.8
2d year.....	344.1	263.0	289.6	220.8	127.5	93.8
3d year.....	247.0	172.0	195.0	147.5	80.2	63.2
4th year.....	117.1†	64.4	79.8	57.7	49.2	45.3
5th year.....	84.1†	75.3	77.8	51.6	44.1	21.5*
6th year.....	66.2*	93.5	85.4	40.9	40.8	148.3*
7th year.....	135.6*	38.7*	65.2†	53.3	38.4	35.7*
8th year.....	81.6*	60.1*	64.5†	38.6†	60.0	121.1*

\* Involves fewer than five terminations.

† Involves fewer than ten terminations.

to termination was 21,859 of which 4,258 and 2,758 emanated from the 1972-76 and 1962-71 portions, respectively, of the active lives experience, and the balance from experience units that were not included in the study of rates of disablement. Termination rates for the first year of disablement cover the nine months immediately following the elimination period.

TABLE AA-2  
GROUP LONG-TERM DISABILITY INSURANCE  
NUMBER OF CLAIMS TERMINATED BY DEATH OR RECOVERY  
(Six-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
1st year (last 6 months) . . .	389	494	883	904	1350	423
2d year . . . . .	221	350	571	650	967	342
3d year . . . . .	82	135	217	324	538	181
4th year . . . . .	24	54	78	120	316	91
5th year . . . . .	11	27	38	81	239	21
6th year . . . . .	7	18	25	42	166	15
7th year . . . . .	7	14	21	41	92	7
8th year . . . . .	1	9	10	35	59	3
Male Only						
1st year (last 6 months) . . .	225	318	543	599	975	314
2d year . . . . .	140	221	361	384	701	275
3d year . . . . .	49	83	132	211	415	152
4th year . . . . .	15	42	57	89	261	79
5th year . . . . .	6	16	22	57	201	19
6th year . . . . .	4	7	11	29	141	12
7th year . . . . .	3	12	15	28	78	7
8th year . . . . .	0	5	5	27	46	2
Female Only						
1st year (last 6 months) . . .	164	176	340	305	375	109
2d year . . . . .	81	129	210	266	266	67
3d year . . . . .	33	52	85	113	123	29
4th year . . . . .	9	12	21	31	55	12
5th year . . . . .	5	11	16	24	38	2
6th year . . . . .	3	11	14	13	25	3
7th year . . . . .	4	2	6	13	14	0
8th year . . . . .	1	4	5	8	13	1



**TABLE AA-3**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR**  
**RECOVERY TO NUMBER OF TERMINATIONS EXPECTED FROM THE**  
**1964 COMMISSIONERS DISABILITY TABLE\***  
(Six-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	ALL AGES OF DISABLEMENT COMBINED	AGE AT DISABLEMENT					
		Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined							
1st year (last 6 months)...	35.1%	60.7%	44.8%	50.7%	38.4%	32.0%	23.8%
2d year.....	76.5	116.1	98.7	104.8	78.5	67.2	67.6
3d year.....	70.8	109.2	86.7	94.4	79.1	62.7	62.7
4th year.....	60.0	67.4	72.8	71.1	54.5	58.5	65.6
5th year.....	63.6	55.4	67.9	64.0	60.5	67.3	37.6
6th year.....	69.1	64.0†	72.4	69.9	51.9	73.7	91.6
7th year.....	76.5	112.4†	109.6	111.3	74.2	73.4	63.1†
8th year.....	79.5	41.0†	94.7†	81.6	86.6	80.2	35.0†
Male Only							
1st year (last 6 months)...	34.0%	59.5%	46.6%	51.2%	38.6%	31.3%	22.5%
2d year.....	73.0	119.4	100.8	107.2	70.6	65.2	67.5
3d year.....	69.7	110.7	86.2	94.4	74.2	63.5	64.9
4th year.....	64.1	67.0	89.1	82.5	56.9	62.2	70.7
5th year.....	67.2	50.2†	66.0	61.1	61.9	72.5	40.8
6th year.....	71.9	66.3†	48.3†	54.3	50.7	80.1	84.1
7th year.....	81.3	88.1†	150.3	132.9	72.6	80.2	66.3†
8th year.....	81.3	0.0†	102.7†	78.7†	100.2	80.8	23.8†
Female Only							
1st year (last 6 months)...	37.9%	62.5%	42.0%	50.0%	38.0%	34.1%	28.4%
2d year.....	85.2	110.7	95.3	100.9	94.3	73.0	68.3
3d year.....	74.0	107.0	87.4	94.2	89.6	59.9	52.5
4th year.....	47.7	67.5†	45.3	52.8	48.7	46.0	42.3
5th year.....	53.0	62.6†	70.7	68.0	57.2	48.8	21.7†
6th year.....	60.7	60.8†	109.7	92.3	54.6	50.3	158.8†
7th year.....	62.6	145.7†	52.7†	83.0†	77.5	49.3	39.3†
8th year.....	75.1	98.0†	89.2†	91.2†	58.2†	78.1	131.6†

\* As published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.

**TABLE B-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE TERMINATION RATES PER 1,000 CLAIMS EXPOSED**  
**TO DEATH OR RECOVERY**  
(Three-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
4th month.....	122.8	113.8	117.6	91.6	63.4	44.6
5th month.....	142.0	127.1	133.4	103.4	69.4	50.8
6th month.....	130.0	119.6	124.0	92.0	62.8	44.8
7th month.....	117.8	102.2	108.6	75.9	51.9	39.4
8th month.....	101.9	78.2	87.8	67.5	40.5	34.4
9th month.....	87.4	56.2	68.6	57.8	34.4	22.0
10th month.....	80.8	47.3	60.4	46.2	30.2	19.1
11th month.....	74.5	53.2	61.2	41.0	24.5	18.5
12th month.....	79.4	50.6	61.1	37.0	21.3	15.8
1st year (last 9 months).....	629.2	544.5	579.8	471.1	335.5	255.4
13th month.....	71.6	44.7	54.4	31.1	19.1	14.7
14th month.....	57.6	36.4	43.8	26.7	17.0	13.3
15th month.....	57.3	37.7	44.5	24.2	16.2	13.1
16th month.....	43.1†	39.9	41.0	24.7	16.3	11.8
17th month.....	34.5	32.0	32.8	23.5	15.8	11.1
18th month.....	36.5†	24.7	28.6	19.5	13.7	9.1
19th month.....	25.1†	15.6†	18.7	16.4	11.3	6.8
20th month.....	30.7	14.5†	19.7	13.5	10.2	9.1
21st month.....	38.8†	18.8	25.1	12.0	10.1	10.2
22d month.....	37.4†	21.7	26.6	13.4	9.4	6.7†
23d month.....	30.6†	21.8	24.5	12.4	8.5	6.3
24th month.....	25.5†	27.4	26.9	12.8	8.2	6.9†
2d year.....	393.5	288.7	325.4	207.7	145.3	113.0
3d year.....	217.9	197.3	203.7	141.4	94.6	102.0
4th year.....	60.8*	88.7	81.7	81.9	69.7	86.8
5th year.....	38.4*	71.4†	63.2	41.3	65.9	74.5
6th year.....	42.5*	36.4*	38.3*	34.7†	76.3	54.9*
Male Only						
1st year (last 9 months).....	654.5	550.0	593.2	458.2	318.8	258.0
2d year.....	371.6	311.0	332.1	206.9	141.9	111.5
3d year.....	186.9	211.0	204.4	142.8	97.1	111.2
4th year.....	30.2*	97.2	80.3	90.2	74.9	77.8
5th year.....	36.7*	125.1†	102.4	42.3	70.9	70.5†
6th year.....	41.7*	66.1*	60.3*	30.2†	82.0	0.0*
Female Only						
1st year (last 9 months).....	596.2	536.6	561.6	491.7	376.7	246.7
2d year.....	420.1	257.2	316.5	209.2	154.1	117.4
3d year.....	254.7	178.6	202.4	139.0	87.2	70.3
4th year.....	105.4*	76.7†	83.6†	65.2	54.0	113.6
5th year.....	41.7*	0.0*	9.3*	39.0*	51.0	85.2*
6th year.....	41.7*	0.0*	9.3*	43.2*	58.8†	262.0*

\* Involves fewer than five terminations.

† Involves fewer than ten terminations.

**TABLE B-2**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**NUMBER OF CLAIMS TERMINATED BY DEATH OR RECOVERY**  
(Three-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
1st year (last 9 months) . . .	1000	1195	2195	2167	2694	903
2d year . . . . .	145	206	351	387	591	197
3d year . . . . .	33	71	104	162	251	96
4th year . . . . .	4	17	21	56	123	35
5th year . . . . .	2	9	11	16	75	12
6th year . . . . .	1	3	4	9	45	2
Male Only						
1st year (last 9 months) . . .	588	699	1287	1299	1818	696
2d year . . . . .	77	128	205	242	427	149
3d year . . . . .	16	43	59	106	191	82
4th year . . . . .	1	11	12	40	99	23
5th year . . . . .	1	9	10	12	61	9
6th year . . . . .	1	3	4	5	37	0
Female Only						
1st year (last 9 months) . . .	412	496	908	868	876	207
2d year . . . . .	68	78	146	145	164	48
3d year . . . . .	17	28	45	56	60	14
4th year . . . . .	3	6	9	16	24	12
5th year . . . . .	1	0	1	4	14	3
6th year . . . . .	0	0	0	4	8	2

TABLE B-3

GROUP LONG-TERM DISABILITY INSURANCE  
RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR  
RECOVERY TO NUMBER OF TERMINATIONS EXPECTED FROM THE  
1964 COMMISSIONERS DISABILITY TABLE\*

(Three-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABILITY	ALL AGES OF DIS- ABLE MENT COM- BINED	AGE AT DISABILITY					
		Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined							
1st year (last 9 months) . . . . .	50.6%	70.9%	61.9%	65.7%	56.0%	44.7%	38.5%
2d year . . . . .	90.2	126.6	104.6	113.1	88.7	83.1	82.2
3d year . . . . .	80.5	94.0	100.2	98.6	85.9	70.7	84.6
4th year . . . . .	66.9	35.0†	62.4	54.4	69.2	65.2	81.1
5th year . . . . .	65.9	28.5†	67.0†	55.7	45.8	73.0	75.3
6th year . . . . .	75.1	39.0†	42.7†	42.4†	46.3†	94.1	58.8†
Male Only							
1st year (last 9 months) . . . . .	48.8%	73.7%	62.5%	67.2%	54.5%	42.5%	38.9%
2d year . . . . .	88.5	119.5	112.6	115.4	88.3	81.2	81.1
3d year . . . . .	82.0	81.0	107.2	98.9	86.8	72.5	92.3
4th year . . . . .	70.2	17.4†	68.4	53.5	76.1	70.0	72.7
5th year . . . . .	73.0	27.3†	117.4†	89.9	46.9	78.6	71.2†
6th year . . . . .	79.3	38.2†	77.6†	66.1†	40.4†	101.2	0.0†
Female Only							
1st year (last 9 months) . . . . .	54.3%	67.1%	61.0%	63.6%	58.4%	50.2%	37.2%
2d year . . . . .	94.0	135.1	93.1	109.9	89.3	88.1	85.4
3d year . . . . .	76.9	110.3	90.8	98.0	84.5	65.1	58.3
4th year . . . . .	58.6	60.7†	54.0†	55.8†	55.1	50.5	106.1
5th year . . . . .	48.1	31.0†	0.0†	8.2†	43.2†	56.5	86.1†
6th year . . . . .	64.5	38.2†	0.0†	10.4†	57.7†	72.5†	280.5†

\* As published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.

TABLE B-4—GROUP LONG-TERM DISABILITY INSURANCE RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR RECOVERY  
TO NUMBER OF TERMINATIONS EXPECTED FROM THE 1964 COMMISSIONERS DISABILITY TABLE\*  
(Three-Month Elimination Period; Calendar Years of Experience 1962-76)  
ALL AGES OF DISABLEMENT COMBINED

DURATION OF DISABLEMENT	YEAR OF DISABLEMENT											
	1966 and Prior	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	All Years
Male and Female Combined												
1st year (last 9 months) . . . . .	60.3%	57.1%	61.6%	56.9%	52.0%	54.2%	52.1%	49.1%	47.0%	44.9%	40.7%	50.6%
2d year . . . . .	125.5	109.2	105.8	93.3	103.0	105.9	90.2	74.4	75.9	80.6	.....	90.2
3d year . . . . .	109.0	100.7	102.2	107.5	95.2	85.4	64.5	69.4	57.4	.....	.....	80.5
4th year . . . . .	100.7	102.1	93.8	90.1	70.6	53.6	53.0	46.6	.....	.....	.....	66.9
5th year . . . . .	45.0†	125.8	72.4	56.0	75.4	70.3	51.0	.....	.....	.....	.....	65.9
6th year . . . . .	109.3	92.2†	79.3†	107.3	33.5†	44.2†	.....	.....	.....	.....	.....	75.1
Male Only												
1st year (last 9 months) . . . . .	60.4%	57.8%	61.4%	54.5%	49.5%	53.1%	50.1%	46.4%	44.2%	41.3%	39.3%	48.8%
2d year . . . . .	139.9	96.5	108.0	98.8	97.7	98.2	90.5	72.5	71.1	73.1	.....	88.5
3d year . . . . .	106.6	109.0	110.0	97.8	92.0	85.3	63.5	76.0	61.9	.....	.....	82.0
4th year . . . . .	95.1	116.2	115.0	96.4	67.3	57.2	57.0	49.3	.....	.....	.....	70.2
5th year . . . . .	54.6†	138.0	84.5	65.4	68.1	79.8	34.6†	.....	.....	.....	.....	73.0
6th year . . . . .	107.2	85.7†	93.5†	108.7	42.2†	55.2†	.....	.....	.....	.....	.....	79.3
Female Only												
1st year (last 9 months) . . . . .	60.0%	55.5%	62.2%	62.9%	58.0%	57.0%	56.0%	53.9%	51.6%	51.3%	43.1%	54.3%
2d year . . . . .	94.7	134.6	99.8	77.4	116.7	125.5	89.6	78.3	84.5	94.4	.....	94.0
3d year . . . . .	113.3	81.3†	81.0†	133.7	103.7	85.5	66.6	54.6	48.4	.....	.....	76.9
4th year . . . . .	111.3	70.2†	38.6†	73.2†	79.8	43.0†	43.9	39.8†	.....	.....	.....	58.6
5th year . . . . .	24.0†	51.4†	44.7†	29.1†	96.1†	44.5†	72.2†	.....	.....	.....	.....	48.1
6th year . . . . .	106.4†	105.1†	46.1†	100.4†	8.5†	11.3†	.....	.....	.....	.....	.....	64.5

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\* As published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.

**TABLE B-5**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**ILLUSTRATIVE VALUES OF A MONTHLY BENEFIT OF \$1 PAYABLE FOR**  
**VARIOUS BENEFIT PERIODS, DISCOUNTED AT 3 PERCENT INTEREST**  
**(Three-Month Elimination Period; Males and Females Combined)**

AGE AT DISABLEMENT	VALUE AS OF END OF ELIMINATION PERIOD			VALUE AS OF END OF TWELFTH MONTH OF DISABLEMENT		
	Based on Table B-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT	Based on Table B-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT
Benefit Payable for a Maximum of 60 Months but Not beyond Age 65 with First Payment Due at the End of the Elimination Period						
25.5 .....	\$14.68	\$ 5.43	270%	\$25.79	\$27.50	94%
35.5 .....	18.98	5.95	319	29.79	29.72	100
45.5 .....	23.81	7.82	304	34.03	32.18	106
55.5 .....	31.47	12.25	257	37.67	35.19	107
62.5 .....	19.16	9.67	198	16.05	15.77	102
Benefit Payable to Age 65 with First Payment Due at the End of the Elimination Period						
25.5 .....	\$28.09	\$ 9.41	299%	\$62.76	\$63.86	98%
35.5 .....	39.35	11.09	355	75.50	73.54	103
45.5 .....	47.52	14.23	334	79.86	73.57	109
55.5 .....	46.42	17.24	269	60.67	55.60	109
62.5 .....	19.16	9.67	198	16.05	15.77	102

\* Annuity values are based on the crude, ungraduated combined male and female termination rates from Table B-1 for the first four years, and on the 1964 Commissioners Disability Table rates thereafter.

**TABLE B-6**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**ILLUSTRATIVE VALUES, UNDER PLANS WITH A THREE-MONTH**  
**ELIMINATION PERIOD, OF A MONTHLY BENEFIT OF \$1,**  
**DISCOUNTED AT 3 PERCENT INTEREST, PAYABLE TO AGE 65,**  
**WITH FIRST PAYMENT DUE AT THE END OF**  
**ELIMINATION PERIOD**

AGE AT DISABLEMENT	VALUE AS OF END OF ELIMINATION PERIOD			VALUE AS OF END OF TWELFTH MONTH OF DISABLEMENT		
	Based on Table B-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT	Based on Table B-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT
Male Only						
25.5.....	\$28.29	\$ 9.41	301%	\$68.57	\$63.86	107%
35.5.....	37.30	11.09	336	71.85	73.54	98
45.5.....	48.32	14.23	340	79.29	73.57	108
55.5.....	47.45	17.24	275	60.58	55.60	109
62.5.....	19.11	9.67	198	16.05	15.77	102
Female Only						
25.5.....	\$27.70	\$ 9.41	294%	\$55.92	\$63.86	88%
35.5.....	42.37	11.09	382	80.79	73.54	110
45.5.....	46.30	14.23	325	80.95	73.57	110
55.5.....	43.98	17.24	255	61.01	55.60	110
62.5.....	19.35	9.67	200	16.06	15.77	102

\* Annuity values are based on the crude, ungraduated, male or female termination rates from Table B-1 for the first four years and on the 1964 Commissioners Disability Table rates thereafter.

**TABLE BB-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE TERMINATION RATES PER 1,000 CLAIMS EXPOSED**  
**TO DEATH OR RECOVERY**

(Three-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABILITY	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
4th month.....	126.9	117.5	121.8	91.7	60.0	41.1
5th month.....	139.6	125.0	131.6	101.1	64.1	45.5
6th month.....	120.4	115.0	117.5	88.9	56.8	39.7
7th month.....	112.2	100.0	105.4	67.2	46.6	35.2
8th month.....	100.1	74.4	85.6	59.1	37.4	31.0
9th month.....	82.4	54.8	66.4	52.2	33.6	21.7
10th month.....	73.9	45.3	57.1	42.7	29.8	19.2
11th month.....	70.8	48.2	57.2	37.8	22.4	17.9
12th month.....	79.8	43.1	57.4	32.8	18.6	16.7
1st year (last 9 months).....	616.4	532.1	569.3	448.7	314.8	238.6
13th month.....	69.8	32.3	46.6	28.5	16.3	15.1
14th month.....	59.5	29.1	40.2	24.9	14.8	13.0
15th month.....	65.5	39.6	48.9	22.7	14.8	12.1
16th month.....	49.3†	41.9	44.5	23.4	15.4	9.6
17th month.....	33.3†	29.1	30.5	21.6	15.6	10.6
18th month.....	33.2†	18.6†	23.7	18.7	13.6	9.1†
19th month.....	26.3†	12.5†	17.3	15.9	11.5	5.8†
20th month.....	27.9†	12.9†	18.0	12.7	10.6	6.5†
21st month.....	34.7†	18.2†	23.7	11.4	10.0	9.1
22d month.....	34.7†	22.9†	26.7	12.1	9.0	6.5*
23d month.....	28.4*	21.3†	23.6	12.4	8.6	3.5*
24th month.....	24.3*	23.9	24.1	11.7	8.9	4.1*
2d year.....	392.7	264.1	312.1	196.1	139.3	100.1
3d year.....	205.5	190.2	195.2	125.9	90.3	92.9
4th year.....	38.9*	75.7	66.0	76.8	64.6	72.1
5th year.....	26.8*	74.8†	63.4†	42.1	64.5	72.8†
6th year.....	26.3*	39.8*	37.3*	32.2†	70.4	33.1*
Male Only						
1st year (last 9 months).....	644.9	539.2	585.1	431.5	295.8	238.6
2d year.....	372.1	273.2	309.7	189.3	136.5	93.2
3d year.....	156.6	198.0	185.7	130.5	93.0	100.5
4th year.....	10.9*	92.8†	71.3†	83.5	69.2	64.4
5th year.....	43.0*	127.0†	105.5†	41.2	69.3	61.0†
6th year.....	41.7*	69.3*	63.0*	29.3*	77.2	0.0*
Female Only						
1st year (last 9 months).....	583.5	523.0	550.0	473.3	359.4	238.3
2d year.....	415.5	251.4	315.1	208.1	146.5	121.4
3d year.....	260.8	179.3	206.9	118.2	82.5	66.7
4th year.....	82.8*	49.9*	58.2†	62.4	50.7	96.7†
5th year.....	0.0*	0.0*	0.0*	43.9*	50.2	109.0*
6th year.....	0.0*	0.0*	0.0*	36.2*	49.9†	109.0*

\* Involves fewer than five terminations.

† Involves fewer than ten terminations.



**TABLE BB-2**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**NUMBER OF CLAIMS TERMINATED BY DEATH OR RECOVERY**  
**(Three-Month Elimination Period; Calendar Years of Experience 1972-76)**

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
1st year (last 9 months)...	751	798	1549	1423	1838	588
2d year.....	117	140	257	276	452	127
3d year.....	26	53	79	117	194	68
4th year.....	2	12	14	44	94	23
5th year.....	1	8	9	14	62	9
6th year.....	1	3	4	7	35	1
Male Only						
1st year (last 9 months)...	425	456	881	811	1208	444
2d year.....	60	82	142	165	324	90
3d year.....	11	32	43	78	147	58
4th year.....	0	9	9	32	75	15
5th year.....	1	8	9	10	51	6
6th year.....	1	3	4	4	29	0
Female Only						
1st year (last 9 months)...	326	342	668	612	630	144
2d year.....	57	58	115	111	128	37
3d year.....	15	21	36	39	47	10
4th year.....	2	3	5	12	19	8
5th year.....	0	0	0	4	11	3
6th year.....	0	0	0	3	6	1

TABLE BB-3

GROUP LONG-TERM DISABILITY INSURANCE  
 RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR  
 RECOVERY TO NUMBER OF TERMINATIONS EXPECTED FROM THE  
 1964 COMMISSIONERS DISABILITY TABLE\*

(Three-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	ALL AGES OF DIS-ABLE-MENT COM-BINED	AGE AT DISABLEMENT					
		Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined							
1st year (last 9 months)	48.3%	69.4%	60.5%	64.4%	53.3%	42.0%	36.0%
2d year	85.4	126.3	95.7	108.3	83.7	79.7	72.8
3d year	74.8	89.1	96.7	94.2	76.5	67.4	77.1
4th year	60.3	22.4†	53.3	43.9	64.8	60.4	67.4
5th year	64.9	20.0†	70.2†	56.0†	46.7	71.4	73.6†
6th year	68.2	24.1†	46.7†	41.3†	43.0†	86.8	35.4†
Male Only							
1st year (last 9 months)	46.0%	72.6%	61.3%	66.2%	51.3%	39.4%	36.0%
2d year	81.9	119.7	98.9	107.5	80.8	78.1	67.8
3d year	76.2	67.8	100.6	89.6	79.3	69.4	83.4
4th year	63.7	6.3†	65.3†	47.3†	70.5	64.7	60.2
5th year	70.7	32.0†	119.1†	92.6†	45.6	76.8	61.6†
6th year	74.5	38.2†	81.3†	69.1†	39.1†	95.2	0.0†
Female Only							
1st year (last 9 months)	52.5%	65.7%	59.4%	62.2%	56.2%	47.9%	35.9%
2d year	92.3	133.7	91.1	109.2	88.8	83.8	88.3
3d year	71.6	113.0	91.1	99.7	71.8	61.6	55.4
4th year	51.8	47.7†	35.1†	38.7†	52.7	47.4	90.3†
5th year	49.7	0.0†	0.0†	0.0†	48.7†	55.6	110.1†
6th year	51.5	0.0†	0.0†	0.0†	48.4†	61.5†	203.4†

\* As published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.

As on plans with a six-month elimination period, the low first-year ratios shown for plans with a three-month elimination period in Table B-2 would appear to be due to the shorter elimination periods of the individual health insurance experience underlying the first-year termination rates of the 1964 CDT.

For plans with a twelve-month elimination period, the experience of terminations is analyzed in the C and CC series of Tables. These tables are similar in format to the corresponding tables of the B and BB series. The number of claims exposed to termination was 3,653 of which 813 and 353 originated from the 1972-76 and 1962-71 portions, respectively, of the active lives experience, and the balance from experience units that were not included in the study of rates of disablement.

The overall termination rates shown in this report, which include one additional year of experience, are slightly higher (varies by elimination period, plan, age, duration, and sex) than those shown in last year's report. The financial consequences of this change are apparent from a comparison of Tables A-5, B-5, and C-5 values between last year's and this year's report. The variation from one report to the next underscores the need to exercise caution and judgment when using the disabled life annuity values shown in Tables A-5, B-5, and C-5 for actuarial purposes such as reserving.

**TABLE C-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE TERMINATION RATES PER 1,000 CLAIMS EXPOSED**  
**TO DEATH OR RECOVERY**  
(Twelve-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
13th month.....	15.5*	27.8†	23.2	15.0	12.1	15.3
14th month.....	16.1*	41.5†	32.0†	18.7	15.0	14.9†
15th month.....	16.7*	34.1*	27.5†	15.0†	13.5	13.6†
16th month.....	24.6*	14.2*	18.1*	13.0†	11.4	12.2†
17th month.....	32.6*	15.5*	22.0†	16.5	12.2	8.5*
18th month.....	35.9*	27.5*	30.5†	19.0†	11.6	4.4*
19th month.....	30.1*	20.2*	23.7*	14.5†	9.7	3.5*
20th month.....	16.5*	16.7*	16.6*	8.8*	7.3†	4.8*
21st month.....	8.5*	17.6*	14.5*	11.6†	7.2†	7.6*
22d month.....	9.1*	18.6*	15.4*	20.3	8.3	10.6*
23d month.....	9.1*	24.4*	19.1*	17.2*	11.8	12.5†
24th month.....	9.4*	25.7*	20.0*	7.7*	14.1	16.4†
2d year.....	203.0	249.9	233.3	163.7	126.4	117.6
3d year.....	213.6†	119.1	152.9	129.0	95.3	88.6
4th year.....	188.6*	89.7*	117.6†	117.1	74.8	61.3†
5th year.....	159.7*	81.0*	91.0*	33.2†	74.0	5.8*
6th year.....	379.8*	35.4*	92.6*	32.9*	70.1	55.6*
Male Only						
2d year.....	182.6	285.3	248.5	159.7	128.5	122.0
3d year.....	193.6†	120.8†	148.2	120.1	91.9	91.5
4th year.....	233.0*	108.2*	145.1†	121.5	85.1	53.0†
5th year.....	190.0*	111.1*	124.5*	25.2*	75.9	6.6*
6th year.....	468.3*	54.8*	140.9*	25.2*	73.3	62.5*
Female Only						
2d year.....	294.8†	105.1*	172.0†	176.8	115.3	87.5†
3d year.....	320.5*	115.5*	168.4†	170.2	112.3	66.2*
4th year.....	0.0*	27.8*	22.7*	95.3*	20.8*	121.1*
5th year.....	0.0*	0.0*	0.0*	83.2*	65.0†	0.0*
6th year.....	0.0*	0.0*	0.0*	97.5*	53.0*	0.0*

\* Involves fewer than five terminations.

† Involves fewer than ten terminations.

**TABLE C-2**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**NUMBER OF CLAIMS TERMINATED BY DEATH OR RECOVERY**  
(Twelve-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
	Male and Female Combined					
2d year.....	17	38	55	89	187	59
3d year.....	9	10	19	44	87	21
4th year.....	4	4	8	29	52	9
5th year.....	1	3	4	5	37	0
6th year.....	2	1	3	3	23	1
	Male Only					
2d year.....	12	35	47	70	157	53
3d year.....	7	7	14	34	71	19
4th year.....	4	4	8	25	50	7
5th year.....	1	3	4	3	32	0
6th year.....	2	1	3	2	20	1
	Female Only					
2d year.....	5	3	8	19	30	6
3d year.....	2	3	5	10	16	2
4th year.....	0	0	0	4	2	2
5th year.....	0	0	0	2	5	0
6th year.....	0	0	0	1	3	0

**TABLE C-3**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR**  
**RECOVERY TO NUMBER OF TERMINATIONS EXPECTED FROM THE**  
**1964 COMMISSIONERS DISABILITY TABLE\***  
(Twelve-Month Elimination Period; Calendar Years of Experience 1962-76)

DURATION OF DISABLEMENT	ALL AGES OF DISABLE- MENT COM- BINED	AGE AT DISABLEMENT					
		Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined							
2d year	74.5	65.3	90.5	80.8	69.9	72.3	85.5
3d year	73.6	92.5†	60.5	73.7	78.4	71.2	73.5
4th year	75.6	108.7†	63.1†	78.2†	98.9	69.9	57.3†
5th year	66.9	118.8†	76.0†	81.2†	36.8†	82.0	5.9†
6th year	78.5	348.5†	41.5†	105.0†	44.0†	86.4	59.5†
Male Only							
2d year	75.9	58.7	103.3	85.9	68.1	73.5	88.8
3d year	71.0	83.9†	61.4†	71.1	73.0	68.6	76.0
4th year	82.5	134.2†	76.2†	96.3†	102.6	79.6	49.6†
5th year	67.5	141.3†	104.2†	110.8†	27.9†	84.0	6.6†
6th year	81.2	429.6†	64.3†	158.8†	33.6†	90.3	66.9†
Female Only							
2d year	67.7	94.8†	38.0†	59.8†	75.4	66.0	63.6†
3d year	86.0	138.9†	58.7†	82.7†	103.4	83.9	54.9†
4th year	41.0†	0.0†	19.5†	15.2†	80.5†	19.4†	113.2†
5th year	64.2†	0.0†	0.0†	0.0†	92.2†	72.0†	0.0†
6th year	63.1†	0.0†	0.0†	0.0†	130.3†	65.4†	0.0†

\* As published by the Health Insurance Association of America, Table B1, Vol. III.  
† Involves fewer than ten terminations.

TABLE C-4

GROUP LONG-TERM DISABILITY INSURANCE RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR RECOVERY  
TO NUMBER OF TERMINATIONS EXPECTED FROM THE 1964 COMMISSIONERS DISABILITY TABLE\*

(Twelve-Month Elimination Period; Calendar Years of Experience 1962-76)

ALL AGES OF DISABLEMENT COMBINED

DURATION OF DISABLEMENT	YEAR OF DISABLEMENT											All Years
	1966 and Prior	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	
Male and Female Combined												
2d year.....	70.4%	75.4%	67.2%	60.0%	109.2%	92.7%	81.6%	53.2%	77.9%	40.6%	.....	74.5%
3d year.....	103.7	58.8†	54.9	117.7	104.1	45.6	65.4	44.6	82.2	.....	.....	73.6
4th year.....	63.8	56.5†	103.9	82.3	89.3	58.7	70.5	71.6	.....	.....	.....	75.6
5th year.....	75.7†	90.8†	76.0†	77.7	62.0†	52.3†	37.9†	.....	.....	.....	.....	66.9
6th year.....	110.3†	105.3†	123.1†	59.7†	43.6†	34.1†	.....	.....	.....	.....	.....	78.5
Male Only												
2d year.....	72.8%†	70.6%	65.1%	50.4%	115.3%	94.8%	85.2%	57.8%	83.1%	40.6%	.....	75.9%
3d year.....	111.4	65.7†	44.0†	99.6	110.3	50.6	58.2	44.5	76.0	.....	.....	71.0
4th year.....	68.0†	62.7†	97.4	96.5	83.3	69.8	79.8	83.4	.....	.....	.....	82.5
5th year.....	76.9†	83.1†	72.3†	94.3	73.1†	35.1†	43.3†	.....	.....	.....	.....	67.5
6th year.....	111.7†	115.8†	136.9†	61.0†	34.3†	37.2†	.....	.....	.....	.....	.....	81.2
Female Only												
2d year.....	63.0%†	109.6%†	79.5%†	93.9%	75.0%†	82.0%†	61.9%†	28.5%	52.4%	39.0%	.....	67.7%
3d year.....	78.7†	0.0†	119.8†	191.2	70.3†	17.7†	99.3†	45.0†	99.1	.....	.....	86.0
4th year.....	51.1†	0.0†	145.2†	13.8†	122.0†	0.0†	24.6†	.....	.....	.....	.....	41.0†
5th year.....	70.4†	143.5†	105.7†	0.0†	0.0†	147.4†	.....	.....	.....	.....	.....	64.2†
6th year.....	106.1†	0.0†	0.0†	54.8†	80.8†	.....	.....	.....	.....	.....	.....	63.1†

\* All published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.

**TABLE C-5**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**ILLUSTRATIVE VALUES OF A MONTHLY BENEFIT OF \$1**  
**PAYABLE FOR VARIOUS BENEFIT PERIODS, DIS-**  
**COUNTED AT 3 PERCENT INTEREST**  
**(Twelve-Month Elimination Period; Males**  
**and Females Combined)**

AGE AT DISABLEMENT	VALUE AS OF END OF ELIMINATION PERIOD		
	Based on Table C-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT
	Benefit Payable for a Maximum of 60 Months but Not beyond Age 65 with First Payment Due at the End of the Elimination Period		
25.5 .....	\$34.50	\$30.28	114%
35.5 .....	36.88	33.03	112
45.5 .....	40.01	36.02	111
55.5 .....	43.35	39.53	110
62.5 .....	16.08	15.77	102
	Benefit Payable to Age 65 with First Payment Due at the End of the Elimination Period		
25.5 .....	\$73.50	\$63.86	115%
35.5 .....	85.73	73.54	117
45.5 .....	82.82	73.57	113
55.5 .....	61.75	55.60	111
62.5 .....	16.08	15.77	102

\* Annuity values are based on the crude, ungraduated, combined male and female termination rates from Table C-1 for the first four years and on the 1964 Commissioners Disability Table rates thereafter.



TABLE C-6

GROUP LONG-TERM DISABILITY INSURANCE  
 ILLUSTRATIVE VALUES, UNDER PLANS WITH A TWELVE-  
 MONTH ELIMINATION PERIOD, OF A MONTHLY BENEFIT,  
 OF \$1, DISCOUNTED AT 3 PERCENT INTEREST,  
 PAYABLE TO AGE 65, WITH FIRST PAYMENT DUE AT  
 THE END OF ELIMINATION PERIOD

AGE AT DISABLEMENT	VALUE AS OF END OF ELIMINATION PERIOD		
	Based on Table C-1 Rates of Termination*	Based on 1964 CDT	Ratio to 1964 CDT
Male Only			
25.5.....	\$73.77	\$63.86	116%
35.5.....	80.52	73.54	109
45.5.....	83.63	73.57	114
55.5.....	61.36	55.60	110
62.5.....	16.01	15.77	102
Female Only			
25.5.....	\$ 67.90	\$63.86	106%
35.5.....	107.02	73.54	146
45.5.....	79.67	73.57	108
55.5.....	63.70	55.60	115
62.5.....	16.53	15.77	105

\* Annuity values are based on the crude, ungraduated, male or female termination rates from Table C-1 for the first four years and on the 1964 Commissioners Disability Table rates thereafter.

**TABLE CC-1**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**CRUDE TERMINATION RATES PER 1,000 CLAIMS EXPOSED**  
**TO DEATH OR RECOVERY**  
(Twelve-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined						
13th month . . . . .	12.5*	33.2†	24.2†	15.8	10.3	18.4†
14th month . . . . .	13.2*	43.8*	30.7†	18.6†	12.0	19.0†
15th month . . . . .	20.2*	25.3*	23.1*	12.4*	12.8	18.1†
16th month . . . . .	29.4*	5.3*	15.6*	11.6†	11.9	10.2*
17th month . . . . .	39.3*	11.2*	23.1*	22.3	11.9	1.8*
18th month . . . . .	35.1*	22.5*	27.4*	22.7†	11.9	1.9*
19th month . . . . .	28.2*	16.9*	21.1*	12.8*	10.1†	5.9*
20th month . . . . .	10.0*	17.4*	14.8*	10.3*	7.5†	8.1*
21st month . . . . .	0.0*	24.4*	15.6*	12.5*	9.1†	10.8*
22d month . . . . .	11.4*	26.2*	20.8*	16.7†	9.4†	11.3*
23d month . . . . .	11.4*	27.8*	21.6*	13.4*	9.8†	7.2*
24th month . . . . .	11.9*	30.2*	23.3*	6.0*	12.4†	15.9†
2d year . . . . .	201.9	250.4	232.2	161.8	121.8	121.5
3d year . . . . .	180.8†	115.1†	141.7	96.0	90.6	91.7
4th year . . . . .	208.5*	87.3*	124.3†	124.9	73.6	83.8†
5th year . . . . .	0.0*	94.5*	78.5*	32.0*	75.0	7.9*
6th year . . . . .	234.4*	0.0*	38.1*	37.2*	61.6	55.6*
Male Only						
2d year . . . . .	213.5	268.9	246.3	156.5	126.8	130.2
3d year . . . . .	173.2†	137.8†	151.4	104.5	86.6	86.4
4th year . . . . .	264.3*	104.9*	155.3†	133.2	84.3	70.2†
5th year . . . . .	0.0*	132.0*	110.7*	28.8*	77.8	8.8*
6th year . . . . .	305.6*	0.0*	65.6*	28.7*	66.8	62.5*
Female Only						
2d year . . . . .	147.2*	166.9*	164.8†	182.7	96.7	53.5*
3d year . . . . .	247.9*	33.3*	102.7*	51.0*	110.5	120.4*
4th year . . . . .	0.0*	33.3*	26.3*	85.5*	12.2*	208.1*
5th year . . . . .	0.0*	0.0*	0.0*	54.8*	58.5*	0.0*
6th year . . . . .	0.0*	0.0*	0.0*	97.5*	23.7*	0.0*

\* Involves fewer than five terminations.

† Involves fewer than ten terminations.

TABLE CC-2  
 GROUP LONG-TERM DISABILITY INSURANCE  
 NUMBER OF CLAIMS TERMINATED BY DEATH OR RECOVERY  
 (Twelve-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	AGE AT DISABLEMENT					
	Under 30	30-39	Under 40	40-49	50-59	60-64
	Male and Female Combined					
2d year . . . . .	14	26	40	57	118	37
3d year . . . . .	6	7	13	23	56	13
4th year . . . . .	4	3	7	25	39	9
5th year . . . . .	0	3	3	4	29	0
6th year . . . . .	1	0	1	3	17	1
	Male Only					
2d year . . . . .	12	23	35	45	101	35
3d year . . . . .	5	6	11	21	46	11
4th year . . . . .	4	3	7	22	38	7
5th year . . . . .	0	3	3	3	26	0
6th year . . . . .	1	0	1	2	16	1
	Female Only					
2d year . . . . .	2	3	5	12	17	2
3d year . . . . .	1	1	2	2	10	2
4th year . . . . .	0	0	0	3	1	2
5th year . . . . .	0	0	0	1	3	0
6th year . . . . .	0	0	0	1	1	0

**TABLE CC-3**  
**GROUP LONG-TERM DISABILITY INSURANCE**  
**RATIOS OF ACTUAL CLAIMS TERMINATED BY DEATH OR**  
**RECOVERY TO NUMBER OF TERMINATIONS EXPECTED FROM THE**  
**1964 COMMISSIONERS DISABILITY TABLE\***

(Twelve-Month Elimination Period; Calendar Years of Experience 1972-76)

DURATION OF DISABLEMENT	ALL AGES OF DISABLE- MENT COM- BINED	AGE OF DISABLEMENT					
		Under 30	30-39	Under 40	40-49	50-59	60-64
Male and Female Combined							
2d year . . . . .	73.2	64.9	90.7	80.0	69.1	69.7	88.4
3d year . . . . .	66.7	78.3†	58.5†	68.1	58.3	67.7	76.1
4th year . . . . .	79.7	120.1†	61.4†	82.3†	105.5	68.8	78.4†
5th year . . . . .	65.9	0.0†	88.6†	70.4†	35.5†	83.0	8.0†
6th year . . . . .	67.4	215.0†	0.0†	43.1†	49.7†	75.9	59.5†
Male Only							
2d year . . . . .	75.7	68.7	97.4	84.8	66.8	72.6	94.7
3d year . . . . .	66.4	75.0†	70.0†	72.5	63.5	64.7	71.7
4th year . . . . .	87.1	152.3†	73.8†	102.6†	112.5	78.9	65.6†
5th year . . . . .	68.3	0.0†	123.8†	99.2†	31.9†	86.2	8.9†
6th year . . . . .	71.2	280.3†	0.0†	73.7†	38.4†	82.3	66.9†
Female Only							
2d year . . . . .	60.6	47.3†	60.4†	57.1†	78.0	55.3	38.9†
3d year . . . . .	67.9	107.4†	16.9†	49.9†	31.0†	82.5	100.0†
4th year . . . . .	39.7†	0.0†	23.5†	17.5†	72.2†	11.4†	194.5†
5th year . . . . .	51.4†	0.0†	0.0†	0.0†	60.7†	64.8†	0.0†
6th year . . . . .	40.9†	0.0†	0.0†	0.0†	130.3†	29.2†	0.0†

\* As published by the Health Insurance Association of America, Table B1, Vol. III.

† Involves fewer than ten terminations.