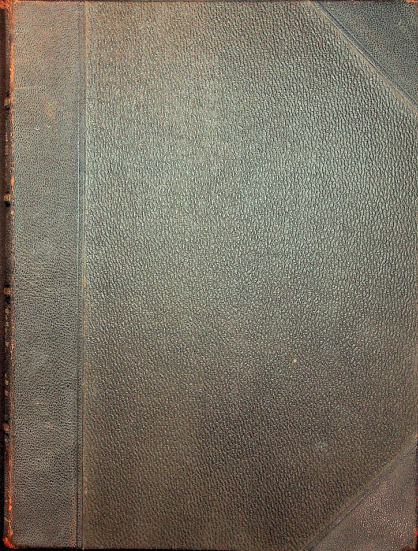




MEDICO-ACTUARIAL MORTALITY INVESTIGATION

VOLUME V

MORTALITY AMONG INSURED LIVES SHOWING MEDICAL IMPAIRMENTS...
DEFECTS IN PHYSICAL CONDITION
IN PERSONAL HISTORY OR IN FAMILY HISTORY, PART II
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
MORTALITY UNDER JOINT LIFE POLICIES

Compiled and Published by
The Association of Life Insurance Medical Directors
and
The Actuarial Society of America

NEW YORK
1914

MEDICO-ACTUARIAL MORTALITY INVESTIGATION

By The Association of Life Insurance Medical Directors and The Actuarial Society of America

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REPORT OF THE JOINT COMMITTEE ON THE MEDICO-ACTUARIAL MORTALITY INVESTIGATION

MORTALITY AMONG INSURED LIVES SHOWING MEDICAL IMPAIR- MENTS— DEFECTS IN PHYSICAL CONDITION, IN PERSONAL HISTORY, OR IN FAMILY HISTORY (PART 2)

In this, the concluding volume of the report of the Committee, it seems desirable to refer again to one or two facts which have been set forth at length in the earlier volumes.

The M. A. Table (Vol. I, pp. 89-90), by which the expected deaths were calculated, was based on policies issued on standard lives during the years 1895 to 1906, inclusive, observed to policy anniversaries in 1909.

The standard or normal mortality from specified causes of death among insured men was determined from the records of 17,792 policies terminated by death (Vol. II, pp. 26 to 33). The basis of comparison is generally the rate of mortality from each disease and not the proportion of total deaths therefrom.

As was the case in Volume IV, there were excluded from the classes dealt with in this volume all cases which by reason of physical condition or personal history had been insured as substandard risks; that is, policies issued subject to an extra premium or a lien or placed in a special dividend class. Cases were included, however, in which the insured were treated as substandard on account of family history alone. Those which were merely limited to endowment plans were not considered as substandard. Cases with two or more impairments were excluded.

Cases in which a "Required" or "Optional" occupation was recorded were excluded, as such occupations were expected to cause a mortality higher than the normal. It may therefore be assumed that in the medical impairment classes there was no special hazard from occupation when the risks were accepted.

FAMILY RECORD OF TUBERCULOSIS—MEN

Classes 49 to 53, inclusive, which deal with a family history of tuberculosis, consist of cases in which there was a record of one or more deaths from any form of tuberculosis or in which a member of the family was known to be suffering from that disease at the date of application.

Since the entry age and weight of the insured were known to be especially important factors in the relative mortality, the data were subdivided accordingly, but detailed tables were not prepared for publication unless the groups were then found to be sufficiently large. The detailed results are given in Table I, pages 52 to 63.

There were comparatively few policies issued on the term plan, and these were excluded. The others were divided into three groups: (a) Ordinary Life, (b) Limited-Payment Life, and (c) Endowment Insurance. Unless otherwise stated, however, the data under these three plans are combined in the detailed tables and in the synopses in the text.

Cases in which the height was above 6 feet 2 inches or below 5 feet 3 inches were excluded, following in this particular the method adopted for the investigation of the effect of over-

weight and underweight (Vol. II, pp. 3-25). Unless otherwise specified, the data for all heights, 5 feet 3 inches to 6 feet 2 inches, inclusive, are contained in the detailed tables and in the text.

The normal death rates by cause appear in Volume II, pages 27 to 29. These are based on data covering all heights and weights combined, and this fact should be remembered in dealing with the underweight and overweight groups. A statement that the mortality in a group from any cause is twice the normal, or twice the standard, means that the deaths from that cause were twice as many as might be expected among a similar number of lives accepted as standard risks and constituting a group which presumably comprised normal proportions of insured at each height and weight.

In studying the results presented below, it is desirable to keep in mind that a rigid selection has been practiced in these classes. Except at entry ages under 30, the mortality has generally been lower than the normal—a result explainable only on the supposition that an unusually high standard of physical fitness has been required. As this care in selection was unquestionably accentuated in the case of young, light-weight applicants, the unsatisfactory results among such as were accepted deserve special emphasis.

In dealing with these classes, it should be understood that the percentage of substandard cases in the data was small. Under the rules of the Committee, cases which were treated as substandard on account of family history were admissible to the various classes; but the companies which did the greater part of the substandard business in this country contributed their records only on cases which had been accepted as standard. It may, therefore, be assumed that the selection applied to the cases with tuberculous family record was severe.

Class 45.—Tuberculosis in Both Parents and One or More Brothers or Sisters.

There were only 15 deaths in this class, and no investigation was made.

Class 50.—Tuberculosis in One Parent and Two or More Brothers or Sisters.

The number of cases in this class warranted a division into two weight-groups, but not according to plan of insurance. The following is the result:

Age at Entry	Weight-group: 3 to 45 Pounds			Weight-group: Average to 445 Pounds		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	4	2.26	177%	5	4.31	116%
30-44	21	21.63	97	25	32.19	78
45 and over	32	37.59	85	34	31.68	107
Total	57	61.48	93%	64	68.18	94%

Detailed tables are not given.

Class 51.—Tuberculosis in One Parent and a Brother or Sister.

In this class an investigation was made to determine whether the mortality varied according to plan of insurance. The policies were divided into (a) Ordinary Life, (b) Limited-Payment Life and (c) Endowment insurance. The weight ranged from 45 pounds underweight to 45 pounds overweight, and the height from 5 feet 3 inches to 6 feet 2 inches, inclusive.

Plan	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Ordinary Life	192	167.96	114%
Limited-Payment Life	192	178.91	107
Endowment	244	220.20	111
Total	628	567.07	111%

No satisfactory conclusion can be drawn from the above figures as to the distribution by weight and age various materially under the different plans.

The following table shows the result of dividing all the cases into four weight-groups. In this and in the other synopses here given the expected deaths are derived from groups subdivided according to plan of insurance, and differ slightly in some instances from those of the detailed tables, which have been calculated afresh for groups combining all plans.

Age at Entry	Weight-group: -10 to -40 Pounds			Weight-group: -5 to -30 Pounds		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	3	1.29	135%	33	24.28	136%
30-44	42	31.81	132%	122	110.02	111%
45 and over	44	46.30	95%	78	83.30	94%
Total	89	79.40	112%	233	217.60	107%
Age at Entry	Weight-group: Average to +20 Pounds			Weight-group: +25 to +40 Pounds		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	43	25.43	169%	6	3.52	170%
30-44	95	93.32	102%	42	39.97	106%
45 and over	82	85.00	96%	38	31.88	119%
Total	220	203.75	108%	86	65.37	130%

It is evident from the foregoing that at the younger ages at entry a history of tuberculosis in one parent and a brother or sister is accompanied by a decided increase in the mortality. The statistics on even markedly underweight at these ages are not sufficiently extensive to justify positive deductions therefrom, but in Classes 53 and 55, as will hereafter be shown, the mortality is high among young underweights. At ages at entry above 44, such a history of tuberculosis in the family does not seem to be accompanied by any increase in mortality, the ratio of 119% in the overweight group being probably due to the effect of overweight.

To ascertain whether in this class height has an influence on mortality among underweights, tables were prepared for two height-groups:

Age at Entry	UNDERWEIGHTS (-5 TO -45 POUNDS)			Height 5 Ft. 10 In. to 6 Ft. 2 In.		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	28	20.83	134%	8	4.74	169%
30-44	124	112.58	110%	40	39.25	102%
45 and over	95	100.46	95%	37	29.14	127%
Total	247	233.87	106%	75	63.13	119%

On the whole, the tall men experienced a higher mortality than the short and medium-sized men combined, but the amount of data is not large. This result, however, agrees with the experience in cognate classes. That of a total of 322 deaths in the above group there were 85 from tuberculosis of the lungs—equal to three times the standard death rate based on all weights. In the groups of average weight and overweight, the death rate from consumption was less than half of that among the underweight groups—a condition noted among insured lives generally (Vol. II, p. 38).

Class 52.—Tuberculosis in Two or More Brothers or Sisters.

A division by plan of insurance, all weight-groups and all height-groups combined, gave the following results:

Plan	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Ordinary Life	315	327.39	96%
Limited-Payment Life	294	294.68	100%
Endowment	336	327.81	109%

These results, like those under Class 51, show a variation in mortality according to plan of insurance different from that ordinarily found. In the aggregate of the two groups, Ordinary Life insurances show results a trifle better than the Limited-Payment, while Endowment

insurers are the worst of the three. The proportion of Endowment policies is very much greater than the normal, and it is probable that many of the less favorable cases were limited to that plan. Detailed tables according to plan are not published.

Combining all plans of insurance and all heights, the following results are obtained for four weight-groups:

Age at Entry	Weight-group—25 to—45 Pounds			Weight-group—5 to—25 Pounds		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	5	2.18	229%	41	29.31	140%
30-44	39	38.95	100	208	172.15	121
45 and over	64	83.62	77	145	163.68	89
Total	108	124.75	87%	394	365.14	108%

Age at Entry	Weight-group—Average 16 to—28 Pounds			Weight-group—12 to—16 Pounds		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	44	33.08	133%	4	6.79	59%
30-44	145	157.19	92	65	54.97	118
45 and over	184	159.00	91	59	49.26	120
Total	333	349.27	95%	128	111.12	115%

The mortality in the lightest weight-group is lower than in the next group—a result largely due to more severe selection, evidence of which selection appears in the different distribution of the cases by age at entry. The average age at entry among those from 25 to 45 pounds underweight was 43 years, while for those from 5 to 25 pounds underweight it was 38; though with equally severe selection the lower average age might reasonably be expected among the lightest weights. It is manifest that the companies accepted few persons very much under weight except at the older ages.

The underweights were further divided into two height-groups, with the following result:

UNDERWEIGHTS (5 TO—45 POUNDS)						
Age at Entry	Height 5 ft. 3 in. to 5 ft. 10 in.			Height 5 ft. 11 in. to 6 ft. 2 in.		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	22	24.08	91%	24	7.41	324%
30-44	184	160.96	114	63	50.14	126
45 and over	153	198.05	77	56	49.25	114
Total	359	383.09	94%	143	106.80	134%

The tall men experienced a distinctly higher mortality than the short and medium-sized men combined, and this agrees with the results in Class 5L.

In this group of underweights the death rate from tuberculosis among short and medium-sized men was fully twice the standard, among the tall underweights about four times, and in the entire group nearly three times the standard.

Among the overweights the death rate from tuberculosis was slightly above the standard based on all weights; but, judging from the statistics on page 34 of Volume II, the death rate among those overweights from tuberculosis of the lungs was about twice that among standard lives of the same weight.

Class 5K.—Tuberculosis in One Brother or Sister:

In this class the statistics were so numerous that it was practicable to investigate four groups of weights under each of the three plans of insurance, (a) Ordinary Life, (b) Limited-Payment Life and (c) Endowment insurance.

CLASS 33.—TUBERCULOSIS IN ONE BROTHER OR SISTER

All Insurance Years. Height 5 ft. 3 in. to 5 ft. 7 in.

Weight-group —28 to —45 Pounds

ORDINARY LIFE				LIMITED-PAYMENT LIFE				ENDOWMENT INSURANCE				ALL PLANS COMBINED			
Age at Entry	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths		Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths		Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	
15-29	14	7.00	200%	31	18.67	166%		31	14.41	215%		76	40.08	190%	
30-44	123	113.68	108	138	148.71	93		104	103.52	100		365	365.91	100	
45 and over	188	251.05	75	81	107.19	76		61	83.50	73		330	441.74	75	
Total	325	371.73	87%	250	274.57	91%		196	201.43	97%		771	847.73	91%	
Weight-group —5 to —28 Pounds															
15-29	127	79.33	160%	310	231.16	134%		207	144.15	144%		644	454.64	142%	
30-44	367	374.63	98	554	566.53	98		309	344.61	90		1250	1283.77	96	
45 and over	411	502.74	82	153	228.05	67		117	190.48	61		681	921.27	74	
Total	905	956.70	94%	1017	1025.74	99%		633	679.24	93%		2555	2661.68	96%	
Weight-group Average to +28 Pounds															
15-29	97	71.19	136%	258	226.30	114%		167	135.08	124%		522	432.57	121%	
30-44	301	319.81	94	459	491.94	93		241	293.43	82		1001	1105.18	91	
45 and over	398	435.79	91	189	215.09	88		148	192.88	77		735	844.66	87	
Total	796	826.79	96%	906	934.23	97%		556	621.39	89%		2258	2382.41	95%	
Weight-group +28 to +45 Pounds															
15-29	19	12.51	152%	32	33.14	97%		19	20.57	92%		70	66.22	106%	
30-44	122	93.75	130	141	145.52	97		90	99.53	90		333	338.80	104	
45 and over	168	147.43	114	75	63.86	117		67	63.55	105		310	274.84	113	
Total	309	253.69	125%	248	242.52	105%		176	183.65	96%		733	679.86	108%	

Among the men from 25 to 45 pounds under weight the mortality was higher on the Limited-Payment Life plans than on the Ordinary Life plan, and still higher on the Endowment plan in the aggregate for all ages at entry; but this does not hold true for the subdivisions by entry age. The analysis by ages at entry shows that there was a much larger proportion of entrants at the younger ages at entry under the higher-priced than under the lower-priced plans; also that among the extreme lightweights there was a very small proportion of entrants at the young ages at entry. This indicates that, except at the older ages, many applicants among the extreme lightweights were declined, or limited to the high-priced plans. On the whole, no serious distortion of the facts results from combining the various plans of insurance.

The mortality at the younger ages at entry was high among men from 5 to 20 pounds below the average weight, and very high among those still lighter in weight. Among the insured of average weight or overweight the excess mortality at the younger ages at entry is not great. The statistics indicate that for entry ages above 35 the death of one brother or sister from consumption may be disregarded; but it is probable that a more severe selection in general was exercised among those under weight than among those of or above average weight.

Among men at all ages from 25 to 45 pounds above the average weight, special care in selection appears to have been the rule, as the mortality ratio was 108% as compared with 127% among standard risks of the same degree of overweight, the latter ratio having been determined from Table D, Volume II, page 12, with due allowance for distribution by entry age.

The preceding table gives the relative mortality for three groups of ages at entry, but two of the sections are large enough to justify further subdivision by ages at entry:

Age at Entry	Weight-group -5 to -20 Pounds			Weight-group Average to +20 Pounds		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-24	252	155.65	164%	220	172.06	128%
25-29	392	309.59	130	302	290.51	116
30-34	449	410.03	114	349	342.77	102
35-39	411	442.12	93	338	383.03	88
40-44	350	433.61	81	314	379.38	83
45-49	239	362.51	71	264	329.33	80
50 and over	422	558.76	76	471	555.33	91

The following table shows that among underweights the ratios tend to decrease with increasing duration of the insurance, while the reverse generally obtains among overweight. This indicates that the mortality ratios for all durations combined cannot be considered as continuing throughout life—an important matter in ascertaining the extra premiums to meet the additional hazard.

Age at Entry	Weight-group -25 to -45 Pounds			All Insurance Years		
	Insurance Years 1 to 10	Insurance Years 11 to 24	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15 to 29	65	30.19	215%	11	9.89	111%
30 to 44	256	232.96	110	109	132.95	82
45 and over	240	299.47	80	90	142.27	63
Total	561	562.62	100%	210	285.11	74%
				771	847.73	91%

Age at Entry	Weight-group -5 to +20 Pounds						All Insurance Years		
	Insurance Years 1 to 20			Insurance Years 21 to 24			Ratio of Actual to Expected Deaths		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15 to 29	508	346.96	146%	136	107.68	126%	644	454.64	142%
30 to 44	864	866.15	100	366	419.62	87	1230	1285.77	95
45 and over	465	629.74	74	216	291.53	74	681	921.27	74
Total,	1837	1842.85	100%	718	818.83	88%	2555	2661.68	96%
Weight-group Average to +20 Pounds									
15 to 29	418	335.64	125%	104	96.93	107%	522	432.57	121%
30 to 44	649	748.51	87	352	356.67	99	1001	1105.18	91
45 and over	491	587.12	84	244	257.54	95	735	844.66	87
Total,	1558	1671.27	93%	700	711.14	98%	2258	2382.41	95%
Weight-group +25 to +45 Pounds									
15 to 29	51	50.82	100%	19	15.40	123%	70	66.22	106%
30 to 44	215	231.64	93	138	107.16	129	353	338.80	104
45 and over	207	192.27	108	103	82.57	125	310	274.84	113
Total,	473	474.73	100%	260	205.13	127%	733	679.86	108%

Deaths from Tuberculosis of Lungs (Class 58)

The deaths from tuberculosis of the lungs for all ages at entry, plans of insurance and heights, combined, are shown in the following table:

Variation from Average Weight	Actual Deaths	Expected Deaths
-25 to -45 pounds	188	67
-5 to +20 pounds	693	294
0 to +20 pounds	315	266
+25 to +45 pounds	21	67

Expected deaths were estimated by means of the table on page 31 of Volume II.

It will be noticed that the death rate from tuberculosis of the lungs among men in the lightest weight group was about three times that of the standard table; however, if due allowance were made for the high mortality from tuberculosis of the lungs among light-weight men in general, irrespective of a family record of tuberculosis, the rate would be only about one and a third times the normal.

Evidence of the high death rate from tuberculosis of the lungs among the underweights at the younger ages appears in the following table:

Variation from Average Weight	Ages at Entry 15 to 29			Ages at Entry 30 to 44		
	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio
-25 to -45 pounds	76	39	51%	365	97	27%
-5 to +20 pounds	644	309	48	1230	322	26
0 to +20 pounds	522	176	34	1001	119	12
+25 to +45 pounds	70	6	9	353	9	3

The normal death rate from tuberculosis of the lungs for all heights and weights combined is 23.6% of the deaths from all causes at ages at entry 15 to 29, and 12% at ages at entry 30 to 44. The foregoing table shows how heavily this disease falls on lightweights with a family history of tuberculosis.

Class 54.—Tuberculosis in Both Parents.

An investigation of this class proved to be of no value because the amount of data was very small.

Class 55.—Tuberculosis in One Parent.

A synopsis of the experience for three age-groups in each of the four weight-groups and under each of the three plans of insurance follows:

CLASS 35.—TUBERCULOSIS IN ONE PARENT

All Insurance Years. Height 5 ft. 3 in. to 5 ft. 7 in.

Weight—group —25 to —45 Pounds

GRADUARY LIFE					LIMITED-PAYMENT LIFE					ENDOWMENT INSURANCE					ALL PLANS COMBINED				
Age at Death	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths	Ratio of Actual to Expected Deaths
15-29	5	5.78	87%	87%	19	19.43	98%	98%	98%	35	21.38	164%	164%	164%	59	46.64	127%	127%	127%
30-44	84	78.98	106%	106%	110	111.50	99%	99%	99%	108	91.48	118%	118%	118%	302	281.96	107%	107%	107%
45 and over	80	124.52	64%	64%	40	51.51	78%	78%	78%	36	46.42	78%	78%	78%	156	222.45	70%	70%	70%
Total	169	209.28	81%	81%	169	182.49	93%	93%	93%	179	159.28	112%	112%	112%	517	551.05	94%	94%	94%
Weight—group —25 to —45 Pounds					Weight—group —25 to —45 Pounds					Weight—group —25 to —45 Pounds					Weight—group —25 to —45 Pounds				
15-29	98	67.26	146%	146%	291	240.33	121%	121%	121%	269	224.89	120%	120%	120%	658	532.48	124%	124%	124%
30-44	237	274.04	94%	94%	406	434.77	93%	93%	93%	248	292.50	85%	85%	85%	911	1091.31	91%	91%	91%
45 and over	201	252.55	80%	80%	77	111.79	69%	69%	69%	79	103.85	78%	78%	78%	357	465.19	77%	77%	77%
Total	556	593.85	94%	94%	774	786.89	98%	98%	98%	596	618.24	96%	96%	96%	1926	1998.98	96%	96%	96%
Weight—group Average 16 to 20 Pounds					Weight—group Average 16 to 20 Pounds					Weight—group Average 16 to 20 Pounds					Weight—group Average 16 to 20 Pounds				
15-29	70	60.65	115%	115%	243	212.22	115%	115%	115%	162	181.66	89%	89%	89%	475	454.53	103%	103%	103%
30-44	205	215.56	95%	95%	267	332.86	80%	80%	80%	198	213.03	93%	93%	93%	670	761.45	88%	88%	88%
45 and over	199	229.64	87%	87%	96	116.84	82%	82%	82%	64	103.30	62%	62%	62%	359	449.78	80%	80%	80%
Total	474	505.85	94%	94%	606	661.92	92%	92%	92%	424	497.99	85%	85%	85%	1504	1665.76	96%	96%	96%
Weight—group 45 to 49 Pounds					Weight—group 45 to 49 Pounds					Weight—group 45 to 49 Pounds					Weight—group 45 to 49 Pounds				
15-29	7	11.15	63%	63%	46	30.49	151%	151%	151%	18	20.91	86%	86%	86%	71	62.55	114%	114%	114%
30-44	61	55.94	103%	103%	86	91.97	94%	94%	94%	69	64.74	107%	107%	107%	216	215.65	100%	100%	100%
45 and over	82	83.56	98%	98%	47	34.44	136%	136%	136%	42	27.29	134%	134%	134%	171	145.29	118%	118%	118%
Total	150	150.65	98%	98%	179	156.90	114%	114%	114%	129	112.94	114%	114%	114%	458	423.49	108%	108%	108%

It appears from the foregoing table:

1. That the mortality was high at the younger ages at entry among the lightweights;
2. That tuberculosis in one parent seems to have been of comparatively little moment except at the younger entry ages;
3. That the mortality at the older ages at entry was very good except in the oversight group, and that since it was lower in all the older age groups than among the corresponding groups of standard lives generally (Vol. II, pp. 10-12), it is apparent that a severe selection was applied.
4. That there was a large proportion of high-pecuniary policies at the young ages at entry, indicating that some of the companies limited money risks to such plans.

In order to show the trend of mortality by ages at entry, the data of the two weight-groups embracing the largest amount of material have been tabulated as follows:

Weight-group -5 to -20 Pounds				Weight-group Average to +20 Pounds			
Ages at Entry	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	
15-24	272	200.68	136%	237	207.78	114%	
25-29	386	331.80	116	238	246.75	96	
30-34	385	383.58	100	235	271.03	87	
35-39	310	336.50	92	227	257.89	88	
40-44	216	279.23	77	208	232.53	89	
45-49	159	192.68	83	150	184.00	82	
50 and over	198	272.51	73	209	263.78	79	

Attention is drawn to the fact that the mortality in these groups decreases at the younger ages at entry with increase in the duration of the policy. A subdivision by insurance years and by three entry age groups shows the following:

Weight-group -5 to -20 Pounds, Inclusive								
Insurance Years 1 to 10			Insurance Years 11 to 20			All Insurance Years		
Ages at Entry	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths
15-29	536	417.03	129%	122	115.45	106%	658	532.48
30-44	612	675.50	91	299	325.81	92	911	1001.31
45 and over	253	324.12	78	104	141.07	74	357	465.19
Total, 1401	1416.65	99%		525	582.33	90%	1926	1998.98
Weight-group Average to +20 Pounds, Inclusive								
15-29	388	361.47	107%	87	93.06	93%	475	454.53
30-44	424	520.53	81	246	240.92	102	670	761.45
45 and over	254	314.27	81	105	135.51	77	359	449.78
Total, 1066	1196.27	89%		438	469.49	93%	1504	1665.76

Deaths from Tuberculosis of the Lungs (Class 53)

For all plans of insurance, ages at entry and heights, combined, the death rate from tuberculosis of the lungs among men in the lightest weight group was about three times that of the standard table, as may be seen from the following table:

Variation from Average Weight	Actual Deaths	Expected Deaths
-25 to -45 pounds	140	52
- 5 to -20 pounds	524	262
0 to +20 pounds	209	216
+25 to +45 pounds	12	47

Expected deaths were estimated by means of the table on page 31 of Volume II.

If due allowance were made for the high mortality from tuberculosis of the lungs among light-weight men in general, irrespective of family record of tuberculosis, the ratio would, however, be about one and a third times the normal.

The deaths from tuberculosis among insured entering at ages below 45 are shown in the following table:

Variation from Average Weight	Ages at Entry 15-29			Ages at Entry 30-44		
	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio
-45 to -25	59	31	53%	302	93	31%
-20 to - 5	658	294	45	911	198	22
0 to +20	475	134	28	670	65	10
+25 to +45	71	5	7	216	4	2

The normal proportion of total deaths arising from tuberculosis among persons 25 pounds or more under weight is 37.5% at entry ages 15 to 29, and 23.3% for entry ages 30 to 44 (Vol. II, p. 34), as compared with 53% and 31%, respectively, shown above for nearly the same weight-groups. For the other weight-groups of the above table no exact comparison can be made, but it is evident that the ratios are in excess of the normal except for the group of heaviest weights.

A comparison of the foregoing table with that for Class 53 (p. 11) indicates that in both classes about the same proportion of the deaths arose from tuberculosis of the lungs.

The proportion of deaths from tuberculosis to total deaths decreases with the advance in age, and therefore it would decrease with the duration of the policies. To bring out this fact a brief synopsis is given for both Classes 53 and 55.

Weight-group - 5 to -20 Pounds

Ages at Entry 15 to 29

Class 53.—Tuberculosis in One Brother or Sister.

Policy Year	Deaths from All Causes	Deaths from Tuberculosis of Lungs	Ratio
1-5	327	173	53%
6-10	181	93	51
11-24	136	43	32

Class 55.—Tuberculosis in One Parent.

Policy Year	Deaths from All Causes	Deaths from Tuberculosis of Lungs	Ratio
1-5	338	163	48%
6-10	198	92	46
11-24	122	39	32

In Classes 53 and 55, the death rate from tuberculosis other than pulmonary was about 35% above the normal. In these classes the death rate from pneumonia and from pleurisy was found not to be above the normal.

COMPARISON OF CLASSES 53 AND 55

The following table is given to assist in determining approximately the relative influence on mortality of tuberculosis in a parent and in a brother or sister. Great importance should not be attached to the relative mortality of the very light weights at the young ages at entry, because the amount of data in these groups is small.

Classes 53 and 55.—One Case of Tuberculosis in Family Record.

Ages at Entry	CLASS 53—ONE BROTHER OR SISTER			CLASS 55—ONE PARENT		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
15-29	76	40.08	190%	59	46.64	127%
30-44	365	365.91	100	302	281.96	107
45 and over	330	441.74	75	156	222.45	70
Total	771	847.73	91%	517	551.05	94%
Weight-group —25 to —45 Pounds						
15-29	644	454.64	142%	658	532.48	124%
30-44	1230	1285.77	96	911	1001.31	91
45 and over	681	921.27	74	357	465.19	77
Total	2555	2661.68	96%	1926	1998.98	96%
Weight-group Average to +10 Pounds						
15-29	522	432.37	121%	475	454.53	105%
30-44	1001	1105.18	91	670	761.45	88
45 and over	735	844.66	87	359	449.78	80
Total	2258	2382.21	95%	1504	1665.76	90%
Weight-group +25 to +45 Pounds						
15-29	50	66.22	108%	71	62.55	114%
30-44	353	338.80	104	216	215.65	100
45 and over	310	274.84	113	171	145.29	118
Total	713	679.86	108%	458	423.49	108%

On the whole, the incidence of mortality in the two classes is similar. At entry ages under 30, a record of tuberculosis appears to be of more consequence in the case of a brother or sister than of a parent. This may be partly due to a more rigid selection in Class 53.

It was thought that a knowledge of the average age at entry might assist in the interpretation of the results of Classes 53 and 55. The following table was accordingly prepared:

Class 53.—Tuberculosis in One Brother or Sister.

Plan	Weight-group —25 to —45 Pounds Average Age	Weight-group —5 to —25 Pounds Average Age	Weight-group Average to +10 Pounds Average Age	Weight-group +25 to +45 Pounds Average Age
Ordinary Life.....	43.4	38.8	38.4	40.2
Limited-Payment Life.....	37.7	33.3	32.7	35.3
Endowment.....	38.2	33.6	33.6	36.5

Class 55.—Tuberculosis in One Parent.

Plan	Weight-group -25 to -45 Pounds	Weight-group -5 to -20 Pounds	Weight-group Average to +20 Pounds	Weight-group +25 to +65 Pounds
	Average Age	Average Age	Average Age	Average Age
Ordinary Life.....	41.7	36.9	36.5	38.9
Limited-Payment Life.....	36.0	31.3	30.7	33.5
Endowment.....	35.7	30.5	30.7	34.1

Attention is drawn to three features in the foregoing table:

1. The average age at entry in cases with tuberculosis in the family record is uniformly higher when in a brother or sister than when in a parent;
2. The average age at entry in the group of those 25 to 45 pounds under the average weight is much higher than in the group of those 5 to 20 pounds under the average weight, which indicates that the companies delayed the acceptance of many risks distinctly underweight until it was thought that the hazard from the tuberculous family history was past;
3. There is no marked difference in the average age under the Limited-Payment Life and the Endowment plans, the average age in both cases being distinctly lower than under the Ordinary Life plan. In this respect these classes agree with the experience under insured lives generally.

EFFECT OF HEIGHT ON MORTALITY

In Volume II it was shown that at the younger ages tall men were less desirable risks than short men, while at the older ages the short and medium-sized men were worse risks than the tall men. This was true of the cases accepted by the companies irrespective of whether or not there was a record of tuberculosis in the family history. It should be remembered, however, that this statement refers to the facts as developed by a study of risks according to the number of pounds departure from the average weight and not to the *percentage* over or under weight. When measured by the *percentage* over or under weight, the advantage of the tall elderly entrants rapidly diminishes with increasing weight and disappears altogether at the greater degrees of overweight; tall men at all entry ages, overweight by more than a very moderate percentage having proved worse risks than shorter men. In order to determine whether the height of the insured was important in connection with the family history of tuberculosis, subdivisions of Classes 53 and 55 were made on the same basis as that used in Volume II. The statistics, therefore, were divided into three height-groups: (a) 5 feet 3 inches to 5 feet 8 inches, (b) 5 feet 7 inches to 5 feet 10 inches, and (c) 5 feet 11 inches to 6 feet 2 inches.

Further subdivisions according to plan of insurance were attempted, but it was found that several of the groups were too small to be of value, and, accordingly, the Ordinary Life, Limited-Payment Life and Endowment insurance cases are combined in the figures given below. Furthermore, as the influence of a tuberculous family history is most potent at the young ages at entry, and as the amount of data below age 20 is very small, only two groups of ages at entry, 20 to 29 and 30 to 39, have been given.

UNDERWEIGHTS (-5 TO -45 POUNDS)

Class 54.—Tuberculosis in One Brother or Sister.

Age at Entry	Height 5 ft. 3 in. to 5 ft. 6 in.			Height 5 ft. 7 in. to 5 ft. 10 in.			Height 5 ft. 11 in. to 6 ft. 2 in.		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
20-29	94	76.60	123%	430	298.89	144%	171	104.36	164%
30-39	163	175.60	94	699	631.90	109	268	238.11	104

Class 55.—Tuberculosis in One Parent.

	Height 5 ft. 3 in. to 5 ft. 6 in.			Height 5 ft. 7 in. to 5 ft. 10 in.			Height 5 ft. 11 in. to 6 ft. 2 in.		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
20-29	114	99.05	115%	389	331.38	117%	134	125.59	147%
30-39	163	166.14	99	544	542.79	100	197	181.95	108

It is apparent that the tall men of the younger ages at entry among the underweights experienced a relatively higher mortality than the short men, and also that the men of medium height in turn experienced a relatively lower mortality than the tall men, which is in agreement with the results for insured men generally (Vol. II, p. 27).

A tabulation of the proportion of deaths arising in the two classes from tuberculosis of the lungs was made, with the following results:

UNDERWEIGHTS (-5 TO -45 POUNDS)

Class 53.—Tuberculosis in One Brother or Sister.

Age at Entry	Height 5 ft. 3 in. to 5 ft. 6 in.			Height 5 ft. 7 in. to 5 ft. 10 in.			Height 5 ft. 11 in. to 6 ft. 2 in.		
	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio
20-29	94	52	55%	430	201	47%	171	79	46%
30-39	163	49	30	690	205	30	248	71	29

Class 55.—Tuberculosis in One Parent.

Age at Entry	Height 5 ft. 3 in. to 5 ft. 6 in.			Height 5 ft. 7 in. to 5 ft. 10 in.			Height 5 ft. 11 in. to 6 ft. 2 in.		
	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio	Total Deaths	Deaths from Tuberculosis of Lungs	Ratio
20-29	114	47	41%	389	170	44%	184	95	52%
30-39	163	31	19	544	153	28	197	59	30

In Class 55 it will be noticed that the tall men at the younger ages do not show as high a percentage of deaths from tuberculosis of the lungs as the short men, but the reverse is true in Class 53. In Class 55, however, the actual death rate from tuberculosis was greatest among the tall men, but the difference was much less than the difference in the rates of mortality from all causes. In Class 55 the taller the men the greater was the percentage of deaths from tuberculosis of the lungs.

MORTALITY IN SOUTHERN STATES OF THE UNITED STATES

At the request of several companies the Committee agreed to investigate the mortality in seven Southern States, provided sufficient data were supplied. It was optional with the companies to supply these data, and only fourteen gave the material necessary for the investigation. The list of these companies is as follows:

Aetna Life Insurance Company,
 Berkshire Life Insurance Company,
 Confederation Life Association of Canada,
 Fidelity Mutual Life Insurance Company,
 Germania Life Insurance Company,
 Home Life Insurance Company of New York,
 John Hancock Mutual Life Insurance Company,
 Massachusetts Mutual Life Insurance Company,
 Mutual Benefit Life Insurance Company,
 Mutual Life Insurance Company of New York,
 Pacific Mutual Life Insurance Company,
 Security Mutual Life Insurance Company,
 Union Central Life Insurance Company,
 Union Mutual Life Insurance Company of Portland, Maine.

A list of the Gulf, Delta, Seacoast and Other Counties of the seven Southern States will be found in Volume I, pages 124 to 126, under the heading of Habitat.

The results of the investigation are given in Table II, pages 64 to 91. A summary follows:

ALABAMA

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf Counties.....	52	38.41	135%
Other Counties.....	879	652.17	135

In the Gulf Counties of Alabama the greater part of the business came from the city of Mobile.

ARKANSAS

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Delta Counties.....	168	101.51	166%
Other Counties.....	464	354.41	131

FLORIDA

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf Counties.....	170	108.99	156%
Other Counties.....	145	106.32	136

The larger portion of business on the east coast of Florida came from the city of Jacksonville and the surrounding territory.

GEORGIA

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Seacoast Counties.....	185	122.39	151%
Other Counties.....	1065	796.31	134

The mortality in the counties not on the seacoast is higher than was anticipated. It is probable that the mortality among insured lives in recent years in such cities as Atlanta is lower than indicated above, although, as will hereafter be shown, there has not been a marked improvement in mortality in Georgia.

LOUISIANA

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf Counties.....	343	240.99	142 $\frac{5}{7}$ %
Other Counties.....	379	232.10	163

In all the other Gulf States the mortality in the Gulf Counties is at least as great as in the Other Counties. It is probable that the difference between the mortality in the Gulf and in the Other Counties is due to the improved sanitary conditions in the city of New Orleans, from which the greater part of the business in the Gulf Counties was drawn.

MISSISSIPPI

This state was divided into three sections, but as the amount of data in the Gulf Counties was small, the statistics for the Gulf and Delta Counties were combined.

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf and Delta Counties.....	166	93.26	178%
Other Counties.....	504	363.37	139

The mortality in the Gulf and Delta Counties of Mississippi was higher than elsewhere in the South.

TEXAS

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf Counties.....	121	103.15	117%
Other Counties.....	1104	985.71	112

The greater part of the business in the Gulf Counties was drawn from the city of Galveston.

IMPROVEMENT IN MORTALITY

In Volume I, page 92, the relative mortality was given for three groups of calendar years under policies issued in January of the odd years and July of the even years 1885 to 1908, inclusive, and observed to the policy anniversaries in 1909. The ratio of the M. A. Table was 105% for policies issued from 1885 to 1892, inclusive; 101% for policies issued from 1893 to 1900, inclusive; and 93% for policies issued from 1901 to 1908, inclusive. The ratios for the first five policy years were 111%, 103% and 94%, respectively. The question naturally arises, whether there has been a more rapid improvement in the Southern States than in the United States and Canada as a whole. Unfortunately, the amount of data supplied to the Committee was not large enough to justify a division of the statistics into three groups by years of issue. For several sections, however, the data were sufficiently numerous to justify a division into two groups by years of issue. The results follow:

FIRST FIVE INSURANCE YEARS

	Issues of 1885 to 1900			Issues of 1901 to 1908		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Alabama, Other Counties.....	241	158.11	152%	218	187.29	116%
Arkansas, Other Counties.....	140	87.36	160	133	105.41	126
Georgia, Other Counties.....	296	211.06	140	251	195.40	128
Louisiana, Gulf Counties.....	109	67.80	161	60	57.05	105
Louisiana, Other Counties.....	85	50.75	167	130	84.13	155
Mississippi, Other Counties.....	115	89.56	128	143	107.42	133
Texas, Other Counties.....	368	295.27	125	175	193.17	91
Florida, all Counties.....	92	53.40	172	95	74.45	128

ALL INSURANCE YEARS

Alabama, Other Counties.....	618	430.54	144%	261	221.63	118%
Arkansas, Other Counties.....	314	228.72	137	150	125.69	119
Georgia, Other Counties.....	769	564.13	136	296	232.18	127
Louisiana, Gulf Counties.....	272	173.13	157	71	67.86	105
Louisiana, Other Counties.....	225	131.68	171	154	100.42	153
Mississippi, Other Counties.....	336	238.44	141	168	124.93	134
Texas, Other Counties.....	891	761.97	117	213	223.74	95
Florida, all Counties.....	205	125.97	163	110	89.34	123

There appears a substantial improvement in the mortality in the sections investigated in Alabama, Arkansas, Florida, Texas and in the Gulf Counties of Louisiana. It must be noted that only the more healthful counties—those other than Gulf, Delta or Seacoast—have been examined, except for the Gulf Counties of Louisiana, which, however, exhibit the most considerable improvement of all.

CAUSES OF DEATH IN SEVEN SOUTHERN STATES

As was anticipated, the death rates in the Southern States from such causes as malaria, typhoid fever, enteritis and dysentery were much higher than the standard. The death rate from typhoid fever was about one and a half times the standard, and from malaria about seven times the standard. The death rate from dysentery throughout the United States was so small that statistics were not prepared for it in connection with the standard table. In that table were given only the causes of death which resulted in a ratio of at least .1 for each 10,000

exposed to risk. In the Southern States the death rate from dysentery was 1.2 per 10,000 exposed to risk. The death rate from enteritis was about one and a half times the standard.

In the Gulf and Delta Counties of Alabama, Arkansas, Florida, Mississippi and Texas and in all of Louisiana, the mortality from typhoid fever, dysentery and enteritis was practically the same as in the other sections of the Southern States, but the mortality from malaria was twice as high in the former as in the latter sections.

In the counties in which the data were divided into two groups by years of issue, the results were as follows:

In Alabama, Other Counties, there was no improvement in the death rate from typhoid fever, but a marked reduction in that from malaria. In Arkansas, Other Counties, there was an improvement in the death rate from typhoid fever and malaria, except at the younger ages, and the same is true of the State of Florida. In Georgia, Other Counties, there was no marked change in the death rate from either typhoid fever or malarial fever. In the Gulf Counties of Louisiana there were not enough cases to justify any conclusions; while in the Other Counties of that state there was no appreciable improvement in the death rate from either of these diseases. While the data in Mississippi, Other Counties, were not numerous, it did not appear that there was any improvement in the death rate from these two causes. In Texas, Other Counties, there was an improvement in the death rate from both typhoid fever and malarial fever.

The death rates in the seven Southern States from cancer and other malignant tumors, cerebral hemorrhage and apoplexy, organic diseases of the heart, and pneumonia do not differ appreciably from the standard. The death rates from tuberculosis of the lungs and from nephritis and Bright's disease were slightly above the standard. The death rate from accident was distinctly above the standard. The deaths from diabetes were less than the normal.

EXPERIENCE OF EIGHT COMPANIES IN THE SOUTHERN STATES

Eight American companies investigated their experience in the Southern States for the issues of the years 1885 to 1910, observing the policies to their anniversaries in 1911. The data were divided into two groups by years of issue, 1885 to 1900 and 1901 to 1910. The companies were:

Aetna Life Insurance Company,
Germania Life Insurance Company,
Home Life Insurance Company,
Massachusetts Mutual Life Insurance Company,
Metropolitan Life Insurance Company,
Penn Mutual Life Insurance Company,
Phoenix Mutual Life Insurance Company,
Travelers Insurance Company.

Through the courtesy of these companies a summary of the results is given. The experience was prepared for all counties in each state combined, and therefore satisfactory comparisons can not be made with the results already presented. In the states of Alabama, Arkansas, Florida, Georgia and Texas there was little, if any, improvement, while there was a marked improvement for the state of Louisiana, and an apparent improvement for the state of Mississippi, but the data for that state are too scanty to be reliable. The summary appears in the following table:

STATE	Years of Issue 1885-1900			Years of Issue 1901-1910		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Alabama.....	416	326.5	127 ⁶⁷ / ₁₀₀	402	321.3	125 ⁶⁰ / ₁₀₀
Arkansas.....	302	213.1	142	214	147.3	145
Florida.....	112	92.5	121	81	61.7	131
Georgia.....	973	726.9	134	810	639.2	127
Louisiana.....	395	261.8	151	152	144.6	105
Mississippi.....	33	23.5	140	109	99.1	110
Texas.....	416	365.6	114	307	272.1	113

Expected deaths were calculated by the M. A. Table.

The foregoing results should be accepted with caution, as the mortality would vary with the proportions in which the business was issued in different sections of a state, and such proportions may have differed widely in the two periods.

MALARIAL FEVER—MEN

The cases with a history of malarial fever were divided into three categories:

Class 36. Pernicious malarial fever, including malarial hematuria, swamp fever, and black-water fever;

Class 37. Remittent malarial fever;

Class 38. All other kinds of malarial fever, including ordinary chills and fever, fever and ague, and intermittent fever.

It was recognized that in malarial fever, habitat had considerable influence on the mortality, and that the cases should be divided as far as possible according to the residence of the insured at the date of application. As the companies were not required to record the habitat unless there was a history of malaria, a direct comparison between the mortality in the various sections among the insured with a history of malaria and the insured as a whole in the same localities, was impossible. But by making use of the rates of mortality experienced by fourteen companies in seven Southern States (pp. 17-20), some deductions of value may be drawn regarding the influence of malarial fever upon mortality.

Detailed results are given in Table III, pages 92 to 151. In the synopsis presented below, the expected deaths have been summarized from calculations for each individual group according to habitat and duration since attack, and the results, therefore, differ slightly in some instances from those of the detailed tables, in which groups have frequently been combined.

Class 36.—Pernicious Malarial Fever.

This class includes all cases of pernicious malaria, malarial hematuria, swamp fever, and black-water fever. The number of cases was not sufficient to justify a division according to habitat, and the following synopsis supplies all that is of value in the results:

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack within ten years of application.....	13	33.70	95 ⁶⁰ / ₁₀₀
One attack more than ten years prior to application.....	24	25.95	92

The foregoing data are too few to justify positive conclusions, especially as no division according to habitat was practicable. The number of cases accepted within five years of the attack was very small.

Of the 57 deaths, 9 were due to various kinds of malarial fever, a proportion many times in excess of the standard.

Class 37.—Remittent Malarial Fever.

The companies were requested to place in this group only cases distinctly stated to be remittent in type. The number issued in the Gulf, Delta and Seacoast Counties of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi and Texas, was very small, about one-fifth of the corresponding number in the other sections of these states, consequently no separate presentation of the results in these sections has been made.

In the following synopsis the statistics are divided into two groups of states, but without subdivision as to time elapsed since the attack, or to the number of attacks:

Habitat	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
States of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi and Texas.....	208	159.16	131%
Elsewhere in the United States and Canada.....	342	401.10	85

Cases in which a single attack was recorded have been subdivided according to duration since attack at time of application, with the following results:

Period of Attack	Southern States			Other States and Canada		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Within two years of application.....	84	51.86	162%	87	84.18	103%
More than two years prior to application....	107	93.88	114	235	291.42	81

It is evident that the mortality is materially affected by the time elapsed since the attack.

In the Southern States the deaths in this class from malaria of all kinds were 8% of the total deaths, or over ten times the normal proportion. In the remainder of the United States and in Canada, the corresponding ratio was only 2%.

With respect to two or more attacks of remittent malaria, no satisfactory conclusions can be drawn from the data, as there were only 37 deaths throughout the United States and Canada.

Class 38.—Malarial Fever Other than Pernicious or Remittent.

The material in this class was sufficient to warrant subdividing it by habitat:

ARKANSAS AND MISSISSIPPI

As there were only 346 cases from the Gulf Counties of Mississippi, the data are included in the group, Other Counties.

Delta Counties			
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack within two years of application.....	62	38.80	160%
One attack more than two years prior to application, or at an indefinite time in the past.....	104	65.22	159
Other Counties			
One attack within two years of application.....	175	121.59	144
One attack between two and ten years prior to application.....	162	143.91	113
One attack more than ten years prior to application.....	83	73.39	113
One attack at an indefinite time in the past.....	60	41.88	143

The mortality in the Delta Counties of Arkansas and Mississippi was about 30% greater than in the Other Counties.

The fourteen companies which contributed their Southern States' data experienced in the Delta Counties of Mississippi and Arkansas on all their business (including cases with a history of malaria) a mortality of 189%, a higher relative mortality than among the cases with a history of malaria in the forty-three companies. In the counties of Mississippi and Arkansas other than Delta Counties, the mortality of the fourteen companies on all their business was 134%, against 126% in the forty-three companies for the insured with a history of one attack of malarial fever. These results may be due to a more careful selection in cases with a history of malaria; but this comparison to be valid requires that the experience of the fourteen companies practically agrees with that of all the companies.

LOUISIANA

In the aggregate, the mortality in the Gulf Counties of Louisiana was slightly lower than in the Other Counties, but as the amount of data was not very large when divided according to the number of attacks and the time elapsed since the attack, the statistics for all counties of Louisiana were combined, as follows:

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack within two years of application.....	139	81.95	170%
One attack between two and ten years prior to application	140	101.37	138
One attack more than ten years prior to application.....	85	54.85	155
One attack at an indefinite time in the past	66	41.28	160

It is evident that an attack of malaria within two years of application has an appreciable effect on the mortality. The mortality among all cases in which there was a history of one attack of malaria was 154%, while that for the fourteen companies among all their insured in Louisiana was 153%.

FLORIDA

This state was divided into Gulf Counties, and Other Counties, but the number of cases in each section was so small that no subdivision by time elapsed since attack was made:

Gulf Counties			
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack at any time prior to application.....	122	79.06	154%
Other Counties			
One or more attacks of malaria at any time prior to application.....	65	58.90	110%

The majority of the cases in the Other Counties were from the city of Jacksonville.

In the Gulf Counties the mortality was more than twice the normal among cases with two or more attacks of malaria, but there were only 16 deaths. Taking the total experience, irrespective of the number of attacks or the time elapsed since the attack, the mortality in the Gulf Counties of Florida was 161%.

In the Gulf Counties of Florida the mortality among all the insured of the fourteen companies was 156% of the standard, while that for the forty-three companies among their insured with a history of one attack of malarial fever was 154%. For the Other Counties of Florida, the mortality ratio of the fourteen companies was 136%, while among the insured with a history

of one or more attacks of malaria in the forty-three companies it was 110%. The amount of data in the latter case was too small to justify positive conclusions.

ALABAMA

The amount of data was not large enough to justify any other subdivision than the following:

Gulf Counties			
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack within five years of application	61	44.72	136%
One attack more than five years prior to application	72	71.51	101
Other Counties			
One attack within two years of application	116	74.23	156
One attack between two and ten years prior to application	129	95.52	135
One attack more than ten years prior to application	73	53.81	136

The lower mortality experienced in the Gulf Counties of Alabama as compared with that in the Other Counties may be due to the fact that the larger part of the insurance in the former is written in the city of Mobile, which is probably more healthful than other parts of the State.

In the entire state of Alabama there were only 22 deaths of policyholders who had two or more attacks of malarial fever prior to application.

The experience of the fourteen companies in the Gulf Counties of Alabama was too small to be of value, but in the Other Counties the data were numerous. The mortality in the Other Counties of Alabama was 135%, as against 142% among insured with a history of one attack of malarial fever in the forty-three companies.

GEORGIA

The number of cases from the Seacoast Counties of Georgia did not justify any subdivision:

Seacoast Counties			
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack at any time prior to application	88	65.93	133%
Other Counties			
One attack within two years of application	95	66.77	139
One attack between two and ten years prior to application	113	94.49	119
One attack more than ten years prior to application	60	57.59	104

In the Seacoast Counties of Georgia the mortality ratio of the fourteen companies for their entire experience was 151% of the standard, as compared with 133% among the insured with a history of one attack of malarial fever in the forty-three companies. The amount of data in these experiences was twice as great for the fourteen companies as it was for the forty-three companies. In the Other Counties of Georgia the mortality ratio of the fourteen companies was 134% (1,065 actual deaths), against 122% (266 actual deaths) for the forty-three companies in the respective groups.

TEXAS

The following is the experience for one attack:

	Gulf Counties Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack at any time in the past.....	74	61.45	120%
Other Counties			
One attack within two years of application.....	120	119.99	100%
One attack more than two years prior to applica- tion.....	281	276.25	102
One attack at an indefinite time in the past.....	84	60.39	166

The mortality among the insured of the fourteen companies in the Gulf Counties of Texas was practically the same as in the forty-three companies among the insured with a history of one attack of malarial fever. The statistics in both cases were of small volume. In the Other Counties the amount of data was considerable, and showed a mortality ratio of 112% for the fourteen companies and 102% for the forty-three companies in the respective classes.

SEVEN SOUTHERN STATES—TWO OR MORE ATTACKS

As the number of cases in which two or more attacks of malarial fever were recorded was small, a grouping was made according to habitat as follows:

Habitat	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf and Delta Counties of Alabama, Arkansas, Florida, Mississippi and Texas, Seacoast Coun- ties of Georgia and all Louisiana.....	93	62.87	148%
Other Counties of Alabama, Arkansas, Florida, Georgia, Mississippi and Texas.....	124	98.48	126

CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

The following table, covering the total experience in the United States and Canada, exclusive of the seven Southern States, has been prepared:

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
One attack within two years of application.....	1676	1599.52	105%
One attack between two and five years prior to application.....	1372	1435.57	96
One attack between five and ten years prior to application.....	1294	1521.30	85
One attack more than ten years prior to applica- tion.....	2083	2442.05	84
One attack at an indefinite time in the past.....	712	694.06	103
Two or more attacks, the last within two years of application.....	103	175.48	110
Two or more attacks, the last more than two years prior to application.....	248	276.02	90

CAUSES OF DEATH IN CASES WITH A HISTORY OF MALARIAL FEVER (CLASS 84)

For the states of Alabama, Arkansas, Georgia, Louisiana, Mississippi and the Gulf Coun-
ties of Florida and Texas, the deaths from malaria of all forms were nearly 8% of the total

deaths, equivalent to over ten times the normal death rate from this cause among insured lives generally. A subdivision according to time elapsed since the attack showed a mortality rate from malaria of all kinds of twelve times the normal when the attack occurred less than five years prior to date of application, and of nine times the normal when the attack occurred more than five years prior to application. Where there had been two or more attacks, the mortality rate from malaria was twelve times the normal. The death rate from typhoid fever was over 50% in excess of the normal. The death rate from pneumonia was above the normal, and from tuberculosis of the lungs it was high for ages at entry over 45.

Excluding the Southern States, the deaths from malaria were about 14 per 1,000 of the total from all causes—not much more than the normal among insured lives in general. A division of the data according to time elapsed since the date of the attack showed a decreasing death rate from malaria with increasing lapse of time since the attack. Where there had been two or more attacks, irrespective of the time elapsed since the last attack, the mortality rate from malaria was more than twice the normal death rate from this cause.

The death rate from dysentery among insured who had malarial fever prior to application was also investigated. Dividing the deaths into two large classes, (a) those in the seven Southern States, and (b) those elsewhere in the United States and in Canada, it was found that the death rate from dysentery in the Southern States was three times the rate in the other states and Canada. Dysentery is, however, a relatively unimportant cause of death. Even in the Southern States it accounted for only 12 out of each 1,000 deaths from all causes.

COMPARISON WITH MORTALITY IN SOUTHERN STATES AMONG STANDARD INSURED LIVES GENERALLY

The experience of eight companies, to which reference is made on page 20 in connection with the investigation into the effect of habitat on mortality, renders possible a comparison of the mortality among all standard insured lives in these companies in seven Southern States with the experience of forty-three companies in the same states among insured who had one or more attacks of malarial fever prior to application.

MORTALITY IN SEVEN SOUTHERN STATES

	Actual Deaths	Expected Deaths	Ratio of actual to Expected Deaths
Standard insured lives in eight companies	4722	3695.2	128%
Insured lives with a history of malarial fever, other than pernicious or remittent—forty-three companies	2900	2263.18	128
Insured lives with a history of remittent malarial fever—forty-three companies	203	159.16	128

It does not appear from the foregoing comparisons, nor from the comparisons of the experience in the individual states, that a history of malarial fever in any Southern State has resulted in a materially higher mortality than among the insured as a body in that state, but a history of recent malarial fever seems to have been of importance.

IMPROVEMENT IN MORTALITY IN CLASS 38

In order to determine whether there had been an improvement during recent years in the mortality among lives with a history of malarial fever, three large groups were investigated. The first group consisted of all policies issued in Canada, and in the United States with the exception of the seven Southern States, with a history of one attack of malarial fever (other

than pernicious or remittent) within two years of the date of application. The data were divided into two sections, (1) issues of 1885 to 1899, and (2) issues of 1900 to 1908. The following is the result:

UNITED STATES AND CANADA, EXCEPT SEVEN SOUTHERN STATES

	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Issues of 1885 to 1899	1241	1167.73	106%
Issues of 1900 to 1908	435	431.82	101

The improvement is less than that found to exist among the insured as a whole (see Vol. I, page 92).

SEVEN SOUTHERN STATES

Two other groups, depending upon habitat, were selected. In one were placed policies issued in the Gulf, Delta and Seacoast Counties of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi and Texas; and in the other, policies issued in the remaining counties in these states. Only cases with a history of a single attack of malarial fever within two years of application were included. The results were as follows:

	Issues of 1885 to 1899			Issues of 1900 to 1908		
Habitat	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Gulf, Delta and Seacoast Counties	141	89.75	157%	73	55.80	131%
Other Counties	405	270.42	150	225	180.58	125

The improvement in mortality in cases with a history of malarial fever in the Southern States as a whole is much greater than that in other parts of the United States and Canada. The experience of the eight companies (pp. 20-21) showed that the mortality among insured lives generally in the Southern States had improved by about 10%.

EFFECT OF TWO MEDICAL IMPAIRMENTS ON MORTALITY AMONG MEN

It was the intention of the Committee to make investigations of certain groups of cases in which two medical impairments were recorded. Of the classes with two impairments, there were 17 with 50 or more deaths. The groups were very small, however, when these classes were subdivided (a) according to the number of attacks, and time elapsed since attack; (b) according to habitat in the case of malaria; (c) according to weight in the case of a family history of tuberculosis. There were indications that the companies had exercised a more severe selection in cases with two impairments than in those with a single impairment. For example, it was manifest that the companies accepted only the very best of risks with a history of blood spitting combined with a family record of tuberculosis. This entire class showed a mortality about the normal, but was too small to subdivide either according to weight or to time elapsed since attack. Again, special care was taken in accepting risks with a history of pleurisy and a family record of tuberculosis. The mortality in this class was 20% in excess of the normal; but subdivisions according to the time elapsed since the attack of pleurisy resulted in groups which were too small to be of value.

It has been suggested by some medical men that an attack of articular rheumatism was to a certain extent an offset to a record of tuberculosis in the family history. Taking all the risks accepted by the companies, in which there was an attack of acute articular rheumatism with a family record of tuberculosis, there were 127 actual, and 97 expected deaths,—a ratio of 131%. This ratio is decidedly higher than that shown in cases where a family history of tuberculosis was the only blemish. It is also higher than in the class with a record of more

than one attack of acute articular rheumatism as the only impairment, where the mortality rate was 118%, and, therefore, there is no evidence in the present statistics that an attack of acute articular rheumatism offsets a history of tuberculosis in the family. It may be noted, however, that the death rate from tuberculosis of the lungs was distinctly lower than the standard for entry ages under 45 in Class 25—one or more attacks of acute articular rheumatism without a family record of tuberculosis.

The only other significant feature which was noted in connection with the study of the cases with two impairments was that the excess mortality among persons who had suffered from malarial fever and who also had a family record of tuberculosis was slightly higher than the sum of the excess mortalities due to the two impairments. When subdivided by habitat, number of attacks of malarial fever, time elapsed since attack, and by the relation to the applicant of the person who had died from tuberculosis, the groups were not of value.

EFFECT OF MEDICAL IMPAIRMENTS ON MORTALITY AMONG WOMEN

In Volume IV and in the first part of this volume appear the results of investigations into the effect on mortality of certain impairments among men. These impairments consist of defects in physical condition, in personal history, or in family history. A similar investigation among women, but on a much smaller scale, has been made, but the results are inconclusive. It was shown in Volume II that there was a marked difference between the mortality experienced among spinsters, married women and widows. When the data were divided into these three classes, and subdivided according to the various impairments so as to produce homogeneous groups, there were very few groups which contained more than 50 deaths, and the Committee were satisfied that these were of no value.

The results in the few groups of women investigated satisfied the Committee that it would not be advisable to make any further investigations, as the groups were too small when properly subdivided to justify publication of the results.

MORTALITY UNDER JOINT LIFE POLICIES

Seven classes of policies issued on the Joint Life plan were selected for investigation, provided the data proved sufficient. It was found, however, that in three of these classes comparatively few policies had been issued by the companies. There were only 181 policies issued on three joint lives (Class 84), and only 21 policies on four lives (Class 85). In Class 86, covering policies on two lives issued on any other plan than Ordinary Life, Limited-Payment Life or Endowment, and also policies issued on more than four lives, there were only 188 cases. The results in the other four classes follow:

Classes 87 and 88—Joint Life Policies—Two Men.

As the data were not numerous, a synopsis only of the results is given:

POLICY	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Ordinary Life	58	52.14	111%
Limited-Payment Life and Endowment	20	31.31	96

There was nothing unusual in the distribution of the causes of death.

Classes 82 and 83—Joint Life Policies—A Man and a Woman.

As these classes are large, detailed tables are given (Table IV, pp. 182-185). The following is a synopsis:

POLICY	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
Ordinary Life	334	272.65	123%
Limited-Payment Life and Endowment	215	205.53	106

As was expected, the relative mortality was better on the Limited-Payment Life and Endowment plans than on the Ordinary Life plan.

The detailed tables indicate that for the combined series the mortality was heaviest in the early policy years in Classes 82 and 83, and that after the first five policy years the mortality was normal.

As the mortality among married women was high at the younger entry ages in the early insurance years (Vol. II, pp. 39-41), the Committee thought it desirable to exhibit separately the mortality among men and among women in Classes 82 and 83. The results are given in the following table:

Class 82.—Joint Life—A Man and a Woman—Ordinary Life.

Insurance Years	MEN			MEN			MEN			All Entry Ages		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
1-5	25	19.21	130%	75	55.45	135%	27	32.36	83%	127	107.02	119%
6-24	5	4.10	122	33	21.18	156	13	17.14	76	51	42.44	120
1-24	30	23.31	129%	108	76.63	141%	40	49.52	81%	178	149.46	119%
WOMEN												
1-5	69	51.51	134%	54	44.16	122%	9	10.73	84%	132	90.40	146%
6-24	10	8.37	117	11	17.03	65	3	5.17	42	24	32.77	73
1-24	79	44.08	179%	65	61.19	106%	12	17.90	67%	156	123.17	127%

Class 83.—Joint Life—A Man and a Woman—Limited-Payment Life and Endowment.

Insurance Years	MEN			MEN			MEN			All Entry Ages		
	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths	Actual Deaths	Expected Deaths	Ratio of Actual to Expected Deaths
1-5	22	21.93	100%	69	54.85	126%	14	14.79	95%	105	91.57	115%
6-24	2	2.34	85	5	9.56	52	3	7.04	43	10	18.94	53
1-24	24	24.27	99%	74	64.41	115%	17	21.83	78%	115	110.51	104%
WOMEN												
1-5	44	36.74	120%	38	38.79	98%	4	4.53	88%	86	80.06	107%
6-24	8	4.42	181	6	7.50	80	..	1.04	..	14	12.96	108
1-24	52	41.16	126%	44	46.29	95%	4	5.57	72%	100	93.02	108%

In both classes, at entry ages under 30, women proved worse risks than men, but from entry age 30 upwards the women were the better risks. In Class 82, the noteworthy features are the high mortality among men at entry ages under 45, and the very high mortality among women in the first five insurance years at entry ages under 30. This latter feature is, to some extent, due to the very large proportion of newly married women entering at the younger ages, and the consequent hazard from childbirth. The added fact that the mortality was high among men up to the middle entry ages seems, however, to point to selection adverse to the companies. The results for both sexes combined, at entry ages under 30, give a mortality ratio of 162% for all insurance years and 177% for the first five insurance years.

A noticeable feature of Classes 82 and 83 is the high mortality from tuberculosis of the lungs at the young ages at entry on the Ordinary Life plan.

CONCLUDING REMARKS

In the study of the mortality of overweights and underweights (Vol. II, pp. 22-23), the mortality ratios there shown were based upon groups of weight according to the variations (a pounds) from the normal weight. The Committee then said: "At the younger ages tall men have proved less desirable risks than short men; at the older ages the short and medium-sized men have been slightly worse risks than tall men." Since Volume II was published the Committee has studied the effect of height in the various weight-groups when the risks were classified according to a uniform *percentage* departure from average weight (and, therefore, according to an absolute departure increasing with height) instead of a uniform absolute departure for all heights. On this basis, among men decidedly *over* weight, tall men, at the older as well as at the younger entry ages, appeared worse risks than either short men or men of median height. Among the lightweights, at the older entry ages, tall men had the advantage.

When the plans for this investigation were being made the Committee had to choose between asking for every possible detail of each risk, which would have involved an enormous amount of labor and expense, and asking for only those facts which were clearly needed, with the understanding that in some cases it might later find it necessary to ask for additional information. The Committee adopted the latter course on the ground of cost. It is a matter of great satisfaction that it has been found necessary to call for additional information in only a few instances, in order to confirm or disprove the accuracy of the results.

The Committee thanks the companies for their willingness to furnish this additional information whenever called for. It wishes also especially to express its appreciation of the courtesy extended by the Equitable Life Assurance Society, the Metropolitan Life Insurance Company, the Mutual Benefit Life Insurance Company, The Mutual Life Insurance Company, the New England Mutual Life Insurance Company, the New York Life Insurance Company, the Phoenix Mutual Life Insurance Company, and The Prudential Insurance Company of America for the use of unpublished experiences of various groups of lives, which have proved of great value for purposes of comparison.

By means of the latest mechanical devices, including perforated cards and electric sorting and tabulating machines, this investigation, which has covered fully three million policies, has been handled with a force of from ten to fifteen clerks. Under the old conditions involving the use of hand-written cards, the work could not have been accomplished so quickly nor without the assistance of a very much larger clerical force. The services of Medical Directors and Actuaries and others associated with the contributing companies have been given freely; the only cost of the investigation has been for wages of clerks, printing, etc. The excellent work of printing and binding the volumes was done in the Home Office of The Prudential Insurance Company of America, at cost.

In some of the longer-established companies there is a wealth of unpublished statistics based on their own experience, but in the great majority of companies, especially those recently established, the individual experience is not sufficient to serve as a guide in the selection of risks. These younger companies must base their selection upon theoretical considerations assisted by such investigations as have already been made public. To these companies the results of the *Medico-Actuarial Investigation* will prove of great value, provided due weight be given to the conditions underlying the acceptance of risks by the companies which have contributed to this investigation. Because of this provision the Committee has added frequent comments, so as to prevent misinterpretation of the results.

The results of this investigation have been so important that the companies may decide to

conduct a similar one in the future. It is hoped, therefore, that the companies will maintain their records in such shape that the investigation can be made without having to refer again to the applications and the reports of the medical examiners. A number of the companies are keeping detailed and readily accessible records of all their cases in order to be in a position to make an investigation at any time for their own information, or to join in a collective investigation in the future, and the Committee would suggest the desirability of such a practice being generally followed. A complete index of the five volumes is given at the end of this volume together with a list of all the tables presented.

TABLE I

51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP - 25 TO - 45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry		15-19			20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	1	..	.00	8	..	.03	43	1	.15	138	1	.51	1	
2	1	..	.00	5	..	.02	34	1	.16	116	1	.56	2	
3	1	..	.00	5	..	.02	29	..	.14	104	1	.51	3	
4	1	..	.00	5	..	.02	25	..	.12	99	1	.50	4	
5	1	..	.00	4	..	.02	25	1	.12	91	1	.47	5	
6	..	..	..	3	..	.01	18	..	.09	78	..	.41	6	
7	..	..	..	2	..	.01	14	..	.07	67	..	.36	7	
8	..	..	..	1	..	.00	11	..	.06	57	..	.31	8	
9	..	..	..	..	..	..	9	..	.05	50	..	.29	9	
10	..	..	..	..	..	..	9	..	.05	47	..	.28	10	
11	..	..	..	..	..	..	6	..	.03	36	..	.22	11	
12	..	..	..	..	..	..	6	..	.03	31	..	.20	12	
13	..	..	..	..	..	..	4	..	.02	29	2	.20	13	
14	..	..	..	..	..	..	4	..	.02	26	2	.20	14	
15	..	..	..	..	..	..	4	..	.02	22	..	.18	15	
16	..	..	..	..	..	..	3	..	.02	9	..	.08	16	
17	..	..	..	..	..	..	1	..	.01	8	1	.07	17	
18	..	..	..	..	..	..	..	..	..	6	..	.06	18	
19	..	..	..	..	..	..	..	..	..	4	..	.04	19	
20	..	..	..	..	..	..	..	..	..	3	..	.03	20	
21	..	..	..	..	..	..	..	..	..	..	..	..	21	
22	..	..	..	..	..	..	..	..	..	..	..	..	22	
23	..	..	..	..	..	..	..	..	..	..	..	..	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	5	..	.00	27	..	.11	156	3	.69	548	5	2.55	1-5	
6-24	..	..	..	6	..	.02	89	..	.47	473	5	2.93	6-24	

Ages at Entry		35-39		40-44		45-49		50-53		54-57		58-61		62-65	
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths
1	170	..	.70	224	..	1.05	152	..	.97	67	..	.61	1	..	.61
2	143	1	.74	189	3	1.21	126	..	1.11	55	2	.69	2	..	.69
3	131	2	.71	176	2	1.21	117	1	1.11	44	..	.61	3	..	.61
4	121	..	.69	154	3	1.16	111	..	1.15	39	1	.59	4	..	.59
5	111	..	.65	146	1	1.17	102	5	1.15	36	..	.59	5	..	.59
6	103	1	.64	124	..	1.05	84	..	1.02	34	..	.60	6	..	.60
7	85	2	.56	110	..	1.00	74	1	.98	31	1	.59	7	..	.59
8	75	1	.53	100	1	.98	66	1	.94	29	1	.60	8	..	.60
9	65	..	.49	88	2	.93	63	1	.97	27	1	.61	9	..	.61
10	58	1	.46	81	3	.93	59	2	.99	24	2	.59	10	..	.59
11	50	1	.43	63	1	.79	50	..	.91	16	..	.44	11	..	.44
12	45	1	.41	54	..	.73	47	..	.92	13	..	.39	12	..	.39
13	42	..	.41	50	..	.73	41	3	.88	11	..	.36	13	..	.36
14	41	..	.43	44	2	.70	35	3	.82	11	..	.40	14	..	.40
15	33	..	.38	35	..	.60	29	..	.75	10	1	.40	15	..	.40
16	30	1	.38	24	..	.44	16	1	.45	7	..	.31	16	..	.31
17	25	..	.34	20	1	.40	11	..	.34	7	..	.34	17	..	.34
18	19	..	.28	18	1	.39	8	..	.28	6	1	.32	18	..	.32
19	15	..	.24	14	..	.34	7	..	.27	5	..	.29	19	..	.29
20	13	..	.22	11	1	.29	6	..	.25	4	..	.25	20	..	.25
21	5	..	.09	4	..	.12	5	..	.14	2	..	.14	21	..	.14
22	3	..	.06	2	..	.06	2	..	.10	1	..	.07	22	..	.07
23	2	..	.04	2	..	.07	2	..	.11	..	..	..	23	..	..
24	..	..	..	1	..	.04	2	..	.12	..	..	..	24	..	..
1-5	676	3	3.49	889	9	5.80	608	6	5.49	241	3	3.09	1-5	..	..
6-24	709	8	6.39	845	12	10.59	605	12	11.24	238	7	6.70	6-24	..	..

TABLE I (Continued)
51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP - 25 TO - 45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

54-56				57-59				60-62				63 and over			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years		
1	42	..	.51	35	1	.56	13	..	.27	..	..	..	1		
2	35	..	.53	28	..	.57	11	..	.30	..	..	..	2		
3	31	..	.57	25	..	.60	8	1	.26	..	..	..	3		
4	29	2	.58	23	..	.61	7	..	.25	..	..	..	4		
5	26	..	.57	22	..	.64	4	..	.16	..	..	..	5		
6	23	..	.55	20	..	.64	4	..	.17	..	..	..	6		
7	20	1	.53	20	..	.71	4	..	.19	..	..	..	7		
8	17	1	.49	18	2	.70	4	..	.21	..	..	..	8		
9	14	..	.45	14	1	.60	4	..	.23	..	..	..	9		
10	13	..	.46	10	..	.47	4	1	.25	..	..	..	10		
11	8	..	.31	9	..	.46	3	..	.20	..	..	..	11		
12	7	..	.30	9	1	.51	3	1	.22	..	..	..	12		
13	7	..	.33	8	..	.49	2	..	.16	..	..	..	13		
14	6	..	.31	8	1	.53	1	..	.08	..	..	..	14		
15	5	..	.28	7	1	.51	1	..	.09	..	..	..	15		
16	3	1	.19	2	..	.16	1	..	.10	..	..	..	16		
17	1	1	.07	2	..	.17	1	..	.11	..	..	..	17		
18	..	..	..	2	..	.18	1	..	.12	..	..	..	18		
19	..	..	..	1	..	.10	..	..	..	..	..	..	19		
20	..	..	..	1	..	.11	..	..	..	..	..	..	20		
21	..	..	..	1	..	.12	..	..	..	..	..	..	21		
22	..	..	..	..	..	..	..	..	..	..	..	..	22		
23	..	..	..	..	..	..	..	..	..	..	..	..	23		
24	..	..	..	..	..	..	..	..	..	..	..	..	24		
1-5	163	2	2.78	133	1	2.98	43	1	1.24	..	..	..	1-5		
6-24	124	4	4.27	132	6	6.46	33	2	2.13	..	..	..	6-24		

SYNOPSIS

15-29					30-39				40-49			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	52	1	.18	556	308	1	1.21	83	376	..	2.02	..
2	40	1	.18	556	239	2	1.30	154	315	3	2.32	129
3	35	..	.16	..	235	3	1.22	246	293	3	2.32	129
4	31	..	.14	..	220	1	1.19	84	265	3	2.31	130
5	30	1	.14	714	202	1	1.12	89	248	6	2.32	239
1-5	188	3	.80	373	1224	8	6.04	132	1497	15	11.29	133
6-7	37	..	.18	..	333	3	1.97	152	392	1	4.05	25
8-10	30	..	.16	..	352	2	2.36	85	457	10	5.74	174
11-15	24	..	.12	..	355	6	3.06	196	448	9	7.83	115
16-24	4	..	.03	..	142	2	1.93	104	153	4	4.21	95
1-24	283	3	1.29	233	2406	21	15.36	157	2947	39	33.12	118

50-59					60 and over				All Ages at Entry			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	144	1	1.68	60	13	..	.27	..	893	3	5.36	56
2	118	2	1.81	110	11	..	.30	..	743	8	5.91	135
3	100	..	1.78	..	8	1	.26	383	671	7	5.74	122
4	91	3	1.78	169	7	..	.25	..	614	7	5.67	123
5	84	..	1.80	..	4	..	.16	..	568	8	5.54	144
1-5	537	6	8.85	68	43	1	1.24	81	3489	33	28.22	117
6-7	148	2	3.62	55	8	..	.36	..	918	6	10.18	59
8-10	166	8	4.97	161	12	1	.69	145	1017	21	13.92	151
11-15	135	4	6.02	66	10	1	.73	133	972	20	17.78	112
16-24	45	3	2.82	106	3	..	.33	..	347	9	9.32	97
1-24	1031	23	26.28	88	74	3	3.37	89	6743	89	79.42	112

TABLE 1 (Continued)

51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP - 5 TO - 20 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry		15-19			20-24			25-29			30-34			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years	
1	28	..	.09	260	1	.56	601	..	2.10	868	5	3.21	1	
2	18	..	.08	183	1	.82	453	3	2.08	692	6	3.32	2	
3	17	..	.08	155	1	.71	401	1	1.88	624	3	3.06	3	
4	15	..	.07	137	2	.64	357	2	1.71	554	2	2.77	4	
5	12	..	.06	115	..	.55	294	6	1.44	492	4	2.56	5	
6	9	..	.04	102	..	.49	228	3	1.12	431	5	2.28	6	
7	6	..	.03	85	..	.42	192	3	.96	367	4	1.98	7	
8	5	..	.02	74	1	.36	163	2	.82	309	2	1.70	8	
9	4	..	.02	64	2	.31	150	3	.77	268	..	1.53	9	
10	4	..	.02	56	..	.27	130	1	.68	234	1	1.38	10	
11	4	..	.02	45	..	.23	112	..	.59	187	..	1.16	11	
12	2	..	.01	42	..	.21	100	..	.54	164	1	1.08	12	
13	2	..	.01	38	..	.19	85	..	.47	147	3	1.03	13	
14	2	..	.01	37	..	.17	73	..	.42	129	..	.97	14	
15	1	..	.00	23	..	.12	68	..	.40	109	1	.87	15	
16	1	..	.01	11	..	.06	48	..	.30	70	..	.60	16	
17	1	..	.01	9	..	.05	37	..	.24	59	..	.54	17	
18	1	..	.01	4	..	.02	30	..	.21	48	..	.47	18	
19	1	..	.01	4	..	.02	18	..	.14	43	1	.46	19	
20	1	..	.01	3	..	.02	16	1	.13	28	..	.32	20	
21	..	..	..	1	..	.01	7	..	.06	8	..	.10	21	
22	..	..	..	..	..	..	5	..	.05	3	..	.04	22	
23	..	..	..	..	..	..	2	..	.02	3	..	.04	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	90	..	.38	850	5	3.58	2106	12	9.21	3230	20	14.92	1-5	
6-24	44	..	.23	593	3	2.95	1464	13	7.92	2607	18	16.55	6-24	

Ages at Entry				35-39			40-44			45-49			50-53				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	773	4	3.17	654	3	3.07	388	2	2.48	185	..	1.68	1	..	1.68	1	
2	621	1	3.25	516	4	3.30	292	2	2.57	152	3	1.90	2	..	1.90	2	
3	570	4	3.08	458	2	3.16	265	3	2.52	131	2	1.81	3	..	1.81	3	
4	507	3	2.89	408	3	3.06	232	4	2.41	119	1	1.79	4	..	1.79	4	
5	446	1	2.65	368	1	2.94	203	..	2.29	108	2	1.76	5	..	1.76	5	
6	389	5	2.41	318	2	2.70	176	1	2.15	83	..	1.45	6	..	1.45	6	
7	340	2	2.24	282	1	2.57	157	1	2.07	77	1	1.46	7	..	1.46	7	
8	296	4	2.07	257	3	2.52	133	1	1.90	66	3	1.36	8	..	1.36	8	
9	256	2	1.92	229	6	2.43	117	2	1.80	56	..	1.26	9	..	1.26	9	
10	233	2	1.86	200	..	2.30	105	1	1.75	50	3	1.24	10	..	1.24	10	
11	200	1	1.70	163	5	2.04	80	..	1.45	38	..	1.03	11	..	1.03	11	
12	177	2	1.61	144	..	1.94	63	..	1.23	30	1	.90	12	..	.90	12	
13	151	2	1.48	129	7	1.88	53	1	1.13	23	1	.76	13	..	.76	13	
14	127	2	1.35	98	1	1.55	49	2	1.15	18	1	.66	14	..	.66	14	
15	112	1	1.29	88	..	1.50	43	..	1.11	15	1	.60	15	..	.60	15	
16	74	1	.93	54	2	1.00	31	1	.88	11	..	.49	16	..	.49	16	
17	60	1	.81	46	4	.92	28	..	.87	10	..	.49	17	..	.49	17	
18	42	..	.61	35	..	.77	26	2	.89	9	..	.48	18	..	.48	18	
19	33	1	.52	26	..	.62	19	1	.72	8	..	.46	19	..	.46	19	
20	29	..	.50	20	..	.53	16	..	.67	8	..	.51	20	..	.51	20	
21	16	1	.30	9	..	.26	11	..	.50	6	..	.41	21	..	.41	21	
22	10	..	.20	6	..	.19	7	..	.35	3	..	.22	22	..	.22	22	
23	7	..	.15	5	..	.18	4	..	.22	2	..	.16	23	..	.16	23	
24	3	..	.07	2	..	.08	2	..	.12	2	..	.17	24	..	.17	24	
1-5	2917	13	15.00	2404	13	15.53	1380	11	12.27	695	8	8.94	1-5	..	..	1-5	
6-24	2555	27	22.02	2111	31	25.98	1120	13	20.96	515	11	14.11	6-24	..	..	6-24	

TABLE I (Continued)
51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP -5 TO -20 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry 51-56				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	93	..	1.13	59	2	.94	14	..	.29	..	..	..	..	..	1
2	74	4	1.17	48	..	.98	14	..	.39	..	..	..	..	..	2
3	67	3	1.23	39	1	.94	14	2	.45	..	..	..	..	..	3
4	60	..	1.21	34	1	.90	9	..	.32	..	..	..	..	..	4
5	53	1	1.16	26	..	.76	7	..	.27	..	..	..	..	..	5
6	45	3	1.08	23	1	.80	7	1	.30	..	..	..	..	..	6
7	37	..	.98	18	..	.64	5	..	.24	..	..	..	..	..	7
8	33	2	.96	14	1	.55	5	..	.26	..	..	..	..	..	8
9	27	1	.87	11	1	.47	3	..	.17	..	..	..	..	..	9
10	25	3	.89	9	1	.42	3	..	.19	..	..	..	..	..	10
11	17	..	.66	5	..	.26	2	..	.13	..	..	..	..	..	11
12	17	..	.73	3	1	.17	2	..	.14	..	..	..	..	..	12
13	14	1	.66	2	..	.12	1	..	.08	..	..	..	..	..	13
14	12	3	.62	2	..	.13	1	..	.08	..	..	..	..	..	14
15	8	1	.45	2	..	.14	1	..	.09	..	..	..	..	..	15
16	2	..	.12	2	..	.16	1	..	.10	..	..	..	..	..	16
17	2	..	.13	1	..	.08	1	..	.11	..	..	..	..	..	17
18	1	..	.07	1	..	.09	1	..	.12	..	..	..	..	..	18
19	1	..	.08	1	..	.10	1	1	.13	..	..	..	..	..	19
20	..	..	..	1	..	.11	..	..	..	..	..	..	..	..	20
21	..	..	..	1	..	.12	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	347	8	5.90	206	4	4.52	58	2	1.72	..	..	..	..	..	1-5
6-24	241	14	8.30	98	5	4.36	34	2	2.14	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry 15-29					30-39					40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	889	1	3.05	33	1041	9	6.38	141	1042	5	5.55	90	1	1
2	654	4	2.98	134	1313	7	6.55	107	808	6	5.87	102	2	2
3	573	2	2.67	75	1194	7	6.14	114	723	5	5.68	88	3	3
4	509	4	2.42	165	1061	5	5.66	88	640	7	5.47	128	4	4
5	421	6	2.05	293	938	5	5.19	96	571	1	5.23	19	5	5
1-5	3046	17	13.17	129	6147	33	29.92	116	3784	24	27.80	86	1-5	1-5
6-7	622	6	3.06	196	1527	16	8.91	180	935	5	9.49	53	6-7	6-7
8-10	650	9	3.27	275	1596	11	10.46	105	1041	13	12.70	102	8-10	8-10
11-15	629	..	3.39	..	1503	13	12.54	104	910	16	14.98	107	11-15	11-15
16-24	200	1	1.38	72	536	5	6.66	75	347	10	9.77	102	16-24	16-24
1-24	5147	33	24.27	136	11309	78	68.49	114	7015	68	74.74	91	1-24	1-24

Ages at Entry 50-59					60 and over					All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	337	2	3.73	53	14	..	.29	..	3923	17	19.02	89	1	1
2	274	7	4.03	173	14	..	.39	..	3063	24	19.84	121	2	2
3	237	6	3.98	151	14	2	.45	444	2741	22	18.92	116	3	3
4	213	2	3.90	51	9	..	.32	..	2432	18	17.77	101	4	4
5	187	3	3.68	82	7	..	.27	..	2124	13	16.42	91	5	5
1-5	1248	20	19.36	103	58	2	1.72	116	14283	96	91.97	104	1-5	1-5
6-7	285	5	6.41	78	12	1	.54	185	3379	33	28.41	116	6-7	6-7
8-10	291	15	8.02	187	11	..	.62	..	3389	48	35.07	137	8-10	8-10
11-15	206	10	7.89	127	7	..	.52	..	3233	39	39.32	99	11-15	11-15
16-24	72	..	4.45	..	4	1	.46	217	1139	17	22.72	75	16-24	16-24
1-24	2102	50	46.13	108	92	4	3.86	104	25663	233	217.49	107	1-24	1-24

TABLE 1 (Continued)
51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				25-34				35-44				45-54				55-64			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	43	..	.14	351	2	1.16	575	2	2.01	708	..	2.62	1	..	..	..	..	..	1
2	30	1	.13	242	1	1.09	430	2	1.98	562	3	2.76	2	..	..	..	..	..	2
3	22	..	.10	211	3	.97	383	2	1.80	499	4	2.45	3	..	..	..	..	..	3
4	21	1	.10	179	3	.80	327	2	1.57	436	..	2.18	4	..	..	..	..	..	4
5	18	..	.08	144	2	.69	298	1	1.46	381	1	1.98	5	..	..	..	..	..	5
6	11	1	.05	119	1	.57	250	2	1.25	332	4	1.76	6	..	..	..	..	..	6
7	6	..	.03	95	1	.47	214	3	1.07	286	3	1.54	7	..	..	..	..	..	7
8	4	..	.02	82	..	.40	184	2	.92	249	1	1.37	8	..	..	..	..	..	8
9	4	1	.02	71	..	.35	158	2	.81	218	2	1.24	9	..	..	..	..	..	9
10	3	..	.01	61	..	.30	134	..	.70	197	1	1.16	10	..	..	..	..	..	10
11	2	..	.01	53	2	.27	112	..	.59	152	..	.94	11	..	..	..	..	..	11
12	2	..	.01	41	..	.21	93	2	.50	124	..	.82	12	..	..	..	..	..	12
13	1	..	.00	37	..	.19	83	3	.46	113	..	.79	13	..	..	..	..	..	13
14	1	..	.00	31	..	.16	66	..	.38	95	3	.71	14	..	..	..	..	..	14
15	1	..	.00	26	..	.14	55	..	.32	75	1	.60	15	..	..	..	..	..	15
16	..	..	..	15	..	.08	37	..	.23	51	1	.43	16	..	..	..	..	..	16
17	..	..	..	15	..	.08	25	..	.17	40	1	.36	17	..	..	..	..	..	17
18	..	..	..	13	..	.07	20	..	.14	31	1	.30	18	..	..	..	..	..	18
19	..	..	..	10	..	.06	15	..	.11	28	..	.30	19	..	..	..	..	..	19
20	..	..	..	8	1	.05	11	..	.09	21	..	.24	20	..	..	..	..	..	20
21	..	..	..	3	..	.02	6	..	.05	6	..	.08	21	..	..	..	..	..	21
22	..	..	..	1	..	.01	4	..	.04	5	..	.07	22	..	..	..	..	..	22
23	..	..	..	1	..	.01	2	..	.02	4	..	.06	23	..	..	..	..	..	23
24	..	..	..	..	..	..	2	..	.02	1	..	.02	24	..	..	..	..	..	24
1-5	136	2	.55	1118	11	4.71	2013	9	8.82	2586	8	11.93	1-5	..	..	..	..	..	1-5
6-24	35	2	.15	682	5	3.44	1471	14	7.85	2028	18	12.75	6-24	..	..	..	..	..	6-24

Ages at Entry				65-74				75-84				85-94				95-104			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	715	4	2.92	569	3	2.67	365	1	2.34	172	1	1.57	1	..	..	..	..	..	1
2	548	1	2.85	453	3	2.90	290	3	2.55	137	1	1.71	2	..	..	..	..	..	2
3	499	1	2.69	406	3	2.80	262	2	2.49	125	4	1.73	3	..	..	..	..	..	3
4	448	1	2.55	373	3	2.80	232	5	2.41	111	..	1.67	4	..	..	..	..	..	4
5	390	2	2.30	328	4	2.62	202	1	2.28	104	..	1.70	5	..	..	..	..	..	5
6	343	4	2.13	294	2	2.50	179	2	2.18	88	1	1.54	6	..	..	..	..	..	6
7	293	2	1.93	259	1	2.36	154	1	2.03	78	..	1.48	7	..	..	..	..	..	7
8	258	1	1.81	228	3	2.23	140	1	2.00	73	..	1.50	8	..	..	..	..	..	8
9	228	1	1.71	206	4	2.18	126	2	1.94	67	3	1.51	9	..	..	..	..	..	9
10	191	1	1.53	178	1	2.05	112	3	1.87	60	..	1.48	10	..	..	..	..	..	10
11	158	1	1.34	147	..	1.84	91	4	1.65	53	2	1.44	11	..	..	..	..	..	11
12	130	2	1.18	132	4	1.78	78	1	1.53	44	..	1.32	12	..	..	..	..	..	12
13	114	1	1.12	105	2	1.53	64	1	1.37	42	3	1.39	13	..	..	..	..	..	13
14	99	..	1.05	83	..	1.31	55	..	1.29	36	..	1.31	14	..	..	..	..	..	14
15	86	1	.99	74	..	1.27	48	2	1.23	31	..	1.25	15	..	..	..	..	..	15
16	61	1	.76	51	..	.94	32	..	.91	19	1	.84	16	..	..	..	..	..	16
17	50	..	.68	41	..	.82	26	1	.81	17	1	.82	17	..	..	..	..	..	17
18	41	2	.60	33	..	.72	19	..	.65	14	2	.74	18	..	..	..	..	..	18
19	33	2	.57	26	1	.62	16	1	.61	11	..	.64	19	..	..	..	..	..	19
20	27	1	.46	21	2	.55	11	..	.46	9	..	.57	20	..	..	..	..	..	20
21	11	..	.20	7	2	.20	4	..	.18	5	1	.34	21	..	..	..	..	..	21
22	7	..	.14	3	..	.10	3	..	.15	3	..	.22	22	..	..	..	..	..	22
23	4	..	.09	2	..	.07	3	..	.17	2	..	.16	23	..	..	..	..	..	23
24	3	1	.07	2	1	.08	1	..	.06	..	..	..	24	..	..	..	..	..	24
1-5	2998	9	13.31	2129	16	13.79	1351	12	12.07	649	6	8.38	1-5	..	..	..	..	..	1-5
6-24	2137	21	18.31	1892	23	23.15	1162	19	21.09	652	14	18.55	6-24	..	..	..	..	..	6-24

TABLE I (Continued)

51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry 54-56				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	83	..	1.01	42	2	.67		27	..	.55	..	..	..	..	1
2	64	2	1.01	33	..	.67		25	..	.63	..	..	..	..	2
3	58	2	1.06	27	1	.65		22	3	.71	..	..	..	..	3
4	51	..	1.03	25	..	.66		17	1	.60	..	..	..	..	4
5	45	1	.99	23	1	.67		13	..	.51	..	..	..	..	5
6	37	..	.89	16	1	.51		12	..	.51	..	..	..	..	6
7	33	..	.87	14	1	.50		8	..	.38	..	..	..	..	7
8	32	1	.93	12	1	.47		5	..	.26	..	..	..	..	8
9	30	1	.96	10	..	.43		5	..	.28	..	..	..	..	9
10	24	1	.85	10	..	.47		5	2	.31	..	..	..	..	10
11	16	4	.62	4	1	.21		3	..	.20	..	..	..	..	11
12	10	..	.43	3	..	.17		3	..	.22	..	..	..	..	12
13	10	2	.47	3	..	.19		3	..	.23	..	..	..	..	13
14	6	..	.31	3	..	.20		3	..	.25	..	..	..	..	14
15	6	..	.34	2	..	.14		3	1	.28	..	..	..	..	15
16	3	1	.19	1	..	.08		1	..	.10	..	..	..	..	16
17	1	..	.07	1	..	.08		1	1	.11	..	..	..	..	17
18	..	..	..	..	..	..		..	..	..	..	..	..	..	18
19	..	..	..	..	..	..		..	..	..	..	..	..	..	19
20	..	..	..	..	..	..		..	..	..	..	..	..	..	20
21	..	..	..	..	..	..		..	..	..	..	..	..	..	21
22	..	..	..	..	..	..		..	..	..	..	..	..	..	22
23	..	..	..	..	..	..		..	..	..	..	..	..	..	23
24	..	..	..	..	..	..		..	..	..	..	..	..	..	24
1-5	301	5	5.10	150	4	3.32		102	4	3.00	..	..	..	..	1-5
6-24	208	10	6.93	79	4	3.45		52	4	3.13	..	..	..	..	6-24

SYNOPSIS

Ages at Entry 15-29					30-39					40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	971	4	3.31	121	1421	4	5.54	72		934	4	5.01	86	1
2	702	4	3.20	125	1110	4	5.55	72		743	6	5.45	110	2
3	616	5	2.87	174	998	5	5.14	97		668	5	5.29	95	3
4	518	6	2.47	243	884	1	4.73	21		605	8	5.21	154	4
5	460	2	2.23	135	771	3	4.28	70		530	5	4.90	102	5
1-5	3267	22	14.08	156	5184	17	25.24	67		3480	28	25.86	108	1-5
6-7	695	8	3.42	234	1254	13	7.36	177		886	6	9.07	66	6-7
8-10	701	5	3.53	142	1341	7	8.82	79		990	14	12.27	114	8-10
11-15	604	7	3.24	216	1146	9	9.54	94		877	14	14.80	95	11-15
16-24	188	1	1.25	85	424	10	5.38	186		301	8	8.10	99	16-24
1-24	5455	43	25.52	168	9349	56	56.34	99		6534	70	70.10	100	1-24

Ages at Entry 50-59					60 and over					All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	297	3	3.25	92	27	..	.55	..		3650	13	17.66	83	1
2	234	3	3.39	88	23	..	.63	..		2812	17	18.22	95	2
3	210	7	3.44	203	22	3	.71	423		2514	25	17.45	143	3
4	187	..	3.36	..	17	1	.60	167		2211	16	16.37	98	4
5	172	2	3.36	60	13	..	.51	..		1946	13	15.28	85	5
1-5	1106	15	16.80	89	102	4	3.00	133		13133	86	84.98	101	1-5
6-7	264	3	3.79	52	20	..	.89	..		3121	30	26.53	113	6-7
8-10	318	7	8.60	81	15	2	.85	235		3365	35	34.07	103	8-10
11-15	269	12	9.79	123	15	1	1.18	85		2911	43	38.55	112	11-15
16-24	86	6	4.75	126	2	1	.21	476		1001	26	19.69	132	16-24
1-24	2039	43	45.73	94	154	8	6.13	131		23531	220	203.82	108	1-24

TABLE I (Continued)

51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP +25 TO +45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry		15-19			20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		
1	2	..	.01	28	..	.09	86	..	.30	158	1	.58	1	
2	2	..	.01	21	..	.09	63	1	.29	122	..	.59	2	
3	1	..	.00	20	..	.09	53	1	.25	114	..	.56	3	
4	1	..	.00	16	..	.08	48	1	.23	105	..	.53	4	
5	..	..	..	15	..	.07	42	1	.21	96	..	.50	5	
6	..	..	..	13	..	.06	36	..	.18	83	..	.44	6	
7	..	..	..	8	..	.04	34	..	.17	77	2	.42	7	
8	..	..	..	8	..	.04	28	..	.14	67	..	.37	8	
9	..	..	..	6	..	.03	22	..	.11	60	..	.34	9	
10	..	..	..	6	..	.03	22	1	.11	50	..	.30	10	
11	..	..	..	5	..	.03	20	1	.11	49	..	.30	11	
12	..	..	..	5	..	.03	18	..	.10	44	..	.29	12	
13	..	..	..	3	..	.02	15	..	.08	38	..	.27	13	
14	..	..	..	2	..	.01	14	..	.08	32	2	.24	14	
15	..	..	..	2	..	.01	11	..	.06	27	2	.22	15	
16	..	..	..	2	..	.01	9	..	.06	13	..	.11	16	
17	..	..	..	2	..	.01	8	..	.05	10	..	.09	17	
18	..	..	..	2	..	.01	6	..	.04	8	..	.08	18	
19	..	..	..	1	..	.01	4	..	.03	8	..	.08	19	
20	..	..	..	1	..	.01	3	..	.02	7	..	.08	20	
21	..	..	..	..	..	..	2	..	.02	2	..	.03	21	
22	..	..	..	..	..	..	1	..	.01	2	..	.03	22	
23	..	..	..	..	..	..	1	..	.01	2	..	.03	23	
24	..	..	..	..	..	..	1	..	.01	..	..	..	24	
1-5	6	..	.02	100	..	.42	292	4	1.28	595	1	2.76	1-5	
6-24	..	..	..	66	..	.35	255	2	1.39	579	6	3.72	6-24	

Ages at Entry				35-39			40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	241	1	.99	183	2	.86	108	..	.69	61	..	.56	1	..	.56	1
2	191	1	.99	148	1	.95	87	..	.77	52	..	.65	2	..	.65	2
3	180	1	.97	137	..	.95	79	..	.75	51	1	.70	3	..	.70	3
4	155	1	.88	123	..	.92	69	..	.72	49	..	.74	4	..	.74	4
5	145	3	.86	113	..	.90	61	..	.69	47	..	.77	5	..	.77	5
6	121	3	.75	105	3	.89	52	..	.63	45	..	.79	6	..	.79	6
7	109	1	.72	93	2	.85	45	..	.59	43	1	.82	7	..	.82	7
8	98	1	.69	78	..	.76	44	..	.63	38	1	.78	8	..	.78	8
9	86	..	.65	63	2	.67	42	1	.65	34	..	.77	9	..	.77	9
10	77	3	.62	54	..	.62	38	..	.63	30	1	.74	10	..	.74	10
11	61	..	.52	46	1	.58	28	1	.51	23	3	.63	11	..	.63	11
12	53	..	.48	36	1	.49	19	..	.37	20	..	.60	12	..	.60	12
13	48	..	.47	30	..	.44	18	..	.39	18	2	.60	13	..	.60	13
14	46	2	.49	26	1	.41	17	..	.40	15	..	.55	14	..	.55	14
15	39	3	.45	24	..	.41	15	2	.39	15	2	.60	15	..	.60	15
16	25	..	.31	18	..	.33	11	3	.31	9	1	.40	16	..	.40	16
17	20	..	.27	15	..	.30	6	..	.19	5	3	.24	17	..	.24	17
18	16	..	.23	12	..	.26	5	..	.17	1	..	.05	18	..	.05	18
19	12	..	.19	11	..	.26	5	..	.19	1	..	.06	19	..	.06	19
20	9	..	.15	11	1	.29	4	..	.17	1	..	.06	20	..	.06	20
21	5	..	.09	4	..	.12	3	..	.14	1	..	.07	21	..	.07	21
22	3	..	.06	4	..	.13	1	..	.05	1	..	.07	22	..	.07	22
23	1	..	.02	3	..	.11	1	..	.06	..	..	..	23	..	..	23
24	..	..	..	2	1	.08	..	..	..	..	..	..	24	..	..	24
1-5	912	7	4.69	704	3	4.58	404	..	3.62	260	1	3.42	1-5	..	..	1-5
6-24	829	13	7.16	635	12	8.00	354	7	6.47	300	14	7.83	6-24	..	..	6-24

TABLE I (Continued)

51. TUBERCULOSIS IN ONE PARENT AND A BROTHER OR SISTER
WEIGHT GROUP +25 TO +45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Insur- ance Years
1	25	..	.31	18	..	.29	9	..	.18	..	..	..	..	..	1
2	20	2	.32	16	1	.33	8	..	.22	..	..	..	..	..	2
3	18	..	.33	14	..	.34	8	..	.26	..	..	..	..	..	3
4	15	1	.30	13	..	.34	8	1	.28	..	..	..	..	..	4
5	13	..	.28	13	..	.38	7	2	.27	..	..	..	..	..	5
6	9	..	.22	13	..	.42	5	..	.21	..	..	..	..	..	6
7	9	..	.24	13	1	.46	5	..	.24	..	..	..	..	..	7
8	6	..	.17	12	1	.47	5	..	.26	..	..	..	..	..	8
9	6	..	.19	10	1	.43	5	2	.28	..	..	..	..	..	9
10	4	1	.14	7	1	.33	3	..	.19	..	..	..	..	..	10
11	1	..	.04	5	2	.26	3	..	.20	..	..	..	..	..	11
12	..	..	..	3	..	.17	..	..	..	..	..	..	..	..	12
13	..	..	..	3	..	.19	..	..	..	..	..	..	..	..	13
14	..	..	..	3	..	.20	..	..	..	..	..	..	..	..	14
15	..	..	..	3	..	.22	..	..	..	..	..	..	..	..	15
16	..	..	..	2	..	.16	..	..	..	..	..	..	..	..	16
17	..	..	..	1	..	.08	..	..	..	..	..	..	..	..	17
18	..	..	..	1	..	.09	..	..	..	..	..	..	..	..	18
19	..	..	..	1	..	.10	..	..	..	..	..	..	..	..	19
20	..	..	..	1	..	.11	..	..	..	..	..	..	..	..	20
21	..	..	..	1	..	.12	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	91	3	1.54	74	1	1.68	40	3	1.21	..	..	..	..	..	1-5
6-24	35	1	1.00	79	6	3.81	26	2	1.38	..	..	..	..	..	6-24

SYNOPSIS

15-29					30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	116	..	.40	..	399	2	1.57	127	291	2	1.55	129	1
2	86	1	.39	256	313	1	1.58	63	235	1	1.72	58	2
3	74	1	.34	294	294	1	1.53	65	216	..	1.70	..	3
4	65	1	.31	323	260	1	1.41	71	192	..	1.64	..	4
5	57	1	.28	357	241	3	1.36	221	174	..	1.59	..	5
1-5	398	4	1.72	233	1507	8	7.45	307	1108	3	8.20	37	1-5
6-7	91	..	.45	..	390	6	2.33	258	295	5	2.96	169	6-7
8-10	92	1	.46	217	438	4	2.97	135	319	3	3.96	76	8-10
11-15	95	1	.53	189	437	9	3.73	241	259	6	4.39	137	11-15
16-24	43	..	.30	..	143	..	1.85	..	116	5	3.16	158	16-24
1-24	719	6	3.46	173	2913	27	18.33	147	2097	22	22.67	97	1-24

Ages at Entry					60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	104	..	1.16	..	9	..	.18	..	919	4	4.86	82	1
2	88	3	1.30	231	8	..	.22	..	730	6	5.21	115	2
3	83	1	1.37	73	8	..	.26	..	675	3	5.20	58	3
4	77	1	1.38	72	8	1	.28	357	602	4	5.02	86	4
5	73	..	1.43	..	7	2	.27	741	552	6	4.93	122	5
1-5	425	5	6.64	75	40	3	1.21	248	3478	23	25.22	91	1-5
6-7	132	2	2.95	68	10	..	.45	..	918	13	9.14	142	6-7
8-10	147	6	4.02	149	13	2	.73	274	1009	16	12.14	132	8-10
11-15	109	9	4.06	222	3	..	.20	..	903	25	12.91	194	11-15
16-24	26	4	1.61	248	..	..	..	..	328	9	6.92	130	16-24
1-24	839	26	19.28	135	66	5	2.59	193	6636	86	66.33	130	1-24

TABLE I (Continued)

52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP -25 TO -45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry 15-19				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	..	..	..	11	1	.04	49	..	.17	160	1	.39	1
2	..	..	..	8	..	.04	42	..	.19	129	1	.62	2
3	..	..	..	8	..	.04	37	..	.17	120	..	.59	3
4	..	..	..	7	..	.03	36	..	.17	113	2	.57	4
5	..	..	..	6	..	.03	31	..	.15	94	..	.49	5
6	..	..	..	5	..	.02	29	..	.14	83	..	.44	6
7	..	..	..	4	..	.02	25	..	.13	75	2	.41	7
8	..	..	..	3	..	.01	23	1	.12	60	..	.33	8
9	..	..	..	2	..	.01	18	..	.09	51	1	.29	9
10	..	..	..	2	..	.01	16	1	.08	45	..	.27	10
11	..	..	..	2	..	.01	13	1	.07	38	1	.24	11
12	..	..	..	1	..	.01	10	..	.05	35	1	.23	12
13	..	..	..	1	..	.01	9	..	.05	30	..	.21	13
14	..	..	..	1	..	.01	8	..	.05	29	..	.22	14
15	..	..	..	1	..	.01	7	..	.04	24	..	.19	15
16	..	..	..	1	..	.01	6	..	.04	21	..	.18	16
17	..	..	..	1	..	.01	5	..	.03	18	..	.15	17
18	..	..	..	1	..	.01	4	1	.03	15	..	.14	18
19	..	..	..	..	..	..	3	..	.02	13	..	.13	19
20	..	..	..	..	..	..	2	..	.02	11	1	.13	20
21	..	..	..	..	..	..	..	..	..	4	..	.05	21
22	..	..	..	..	..	..	..	..	..	4	..	.05	22
23	..	..	..	..	..	..	..	..	..	2	..	.03	23
24	..	..	..	..	..	..	..	..	..	1	..	.02	24
1-5	..	..	..	40	1	.18	195	..	.85	616	4	2.86	1-5
6-24	..	..	..	25	..	.15	178	4	.96	559	6	3.74	6-24

Ages at Entry 35-39				40-44			45-49			50-55			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	224	..	.92	294	..	1.38	234	2	1.50	148	2	1.35	1
2	176	2	.92	235	2	1.50	194	2	1.71	122	..	1.53	2
3	159	4	.86	221	..	1.52	174	1	1.65	110	..	1.52	3
4	139	1	.79	204	1	1.53	154	1	1.60	98	3	1.47	4
5	128	..	.76	185	2	1.48	136	2	1.54	84	..	1.37	5
6	114	..	.71	167	1	1.42	119	4	1.45	77	3	1.35	6
7	101	2	.67	144	1	1.31	101	1	1.33	64	1	1.22	7
8	89	2	.62	131	1	1.28	90	2	1.29	57	1	1.17	8
9	80	1	.60	120	..	1.27	79	1	1.22	54	1	1.22	9
10	73	..	.58	104	1	1.20	70	2	1.17	49	2	1.21	10
11	58	..	.49	83	1	1.04	62	2	1.12	36	..	.98	11
12	51	..	.46	75	1	1.01	57	1	1.12	34	1	1.02	12
13	45	..	.44	68	..	.99	47	..	1.01	30	..	.99	13
14	42	..	.45	57	..	.90	43	3	1.01	28	..	1.02	14
15	37	..	.43	52	3	.89	33	1	.85	27	..	1.09	15
16	29	1	.36	29	..	.54	19	..	.54	17	1	.75	16
17	25	1	.34	24	..	.48	16	1	.50	16	2	.78	17
18	18	..	.28	20	..	.44	12	..	.41	12	..	.64	18
19	12	..	.19	17	..	.41	10	1	.38	8	..	.46	19
20	10	..	.17	11	..	.29	8	..	.33	8	1	.51	20
21	5	..	.09	4	..	.17	4	..	.18	5	..	.34	21
22	2	..	.04	3	..	.10	3	..	.15	3	..	.27	22
23	2	1	.04	2	..	.07	2	..	.11	1	..	.08	23
24	..	..	..	..	..	..	..	..	..	1	..	.09	24
1-5	826	7	4.25	1139	5	7.41	892	8	8.00	562	5	7.24	1-5
6-24	793	8	6.94	1111	9	13.76	775	19	14.17	527	12	15.14	6-24

TABLE I (Continued)
52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP -25 TO -45 POUNDS, HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	101	..	1.23	50	..	.80	35	..	.72	..	..	..	1
2	80	..	1.26	41	..	.84	25	..	.69	..	..	..	2
3	76	..	1.39	38	1	.91	23	..	.74	..	..	..	3
4	67	1	1.35	32	..	.84	20	1	.71	..	..	..	4
5	62	..	1.36	28	..	.81	18	..	.70	..	..	..	5
6	59	1	1.42	21	1	.67	15	..	.64	..	..	..	6
7	50	2	1.32	17	..	.60	13	..	.61	..	..	..	7
8	43	..	1.25	16	..	.62	13	1	.67	..	..	..	8
9	37	1	1.19	16	..	.69	11	..	.62	..	..	..	9
10	33	1	1.17	15	..	.71	8	..	.49	..	..	..	10
11	26	..	1.01	12	1	.62	5	..	.33	..	..	..	11
12	24	..	1.03	7	..	.40	5	2	.36	..	..	..	12
13	21	2	.99	6	1	.37	2	..	.16	..	..	..	13
14	18	..	.93	5	..	.33	2	..	.17	..	..	..	14
15	18	1	1.02	5	..	.36	2	..	.18	..	..	..	15
16	12	..	.74	3	..	.23	..	..	..	..	..	..	16
17	10	..	.67	3	..	.25	..	..	..	..	..	..	17
18	10	2	.72	3	..	.28	..	..	..	..	..	..	18
19	6	1	.47	1	..	.10	..	..	..	..	..	..	19
20	3	..	.25	1	..	.11	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	386	1	6.59	189	1	4.20	121	1	3.56	..	..	..	1-5
6-24	370	11	14.18	131	3	6.34	76	3	4.23	..	..	..	6-24

SYNOPSIS

Ages at Entry					30-39					40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	
1	60	1	.21	476	384	1	1.51	66	528	2	2.88	69	1	
2	50	..	.23	..	305	3	1.54	195	429	4	3.21	125	2	
3	45	..	.21	..	279	4	1.45	276	395	1	3.17	32	3	
4	43	..	.20	..	252	3	1.36	221	358	2	3.13	64	4	
5	37	..	.18	..	222	..	1.25	..	321	4	3.02	132	5	
1-5	235	1	1.03	97	1442	11	7.11	135	2031	13	15.41	84	1-5	
6-7	63	..	.31	..	373	4	2.23	179	531	7	5.51	127	6-7	
8-10	64	2	.32	625	398	4	2.69	149	594	7	7.43	94	8-10	
11-15	53	1	.31	323	389	2	3.36	60	577	12	9.94	121	11-15	
16-24	23	1	.17	588	192	4	2.40	167	184	2	5.05	40	16-24	
1-24	438	5	2.14	234	2794	25	17.79	141	3917	41	43.34	95	1-24	

Ages at Entry					60 and over					All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	
1	299	2	3.38	59	35	..	.72	..	1306	6	8.70	69	1	
2	243	..	3.63	..	25	..	.69	..	1052	7	9.30	75	2	
3	224	1	3.82	26	23	..	.74	..	956	6	9.39	64	3	
4	197	4	3.66	109	20	1	.71	141	870	10	9.06	110	4	
5	174	..	3.54	..	18	..	.70	..	772	4	8.69	46	5	
1-5	1137	7	18.03	39	121	1	3.56	23	4966	33	45.14	73	1-5	
6-7	288	8	6.58	127	28	..	1.25	..	1283	19	15.88	120	6-7	
8-10	320	5	9.23	54	32	1	1.78	56	1408	19	21.45	89	8-10	
11-15	297	6	12.16	49	16	2	1.20	167	1332	23	26.97	85	11-15	
16-24	123	7	7.69	91	..	..	..	..	522	14	15.31	91	16-24	
1-24	2165	33	53.69	61	197	4	7.79	51	9511	108	124.75	87	1-24	

TABLE 1 (Continued)

52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP - 5 TO -20 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Age at Entry		25-29			28-34			35-39			38-44			Insured Years
Insured years (Years)	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths		
1	21	..	.07	273	2	.89	268	..	2.46	1088	7	4.03	1	
2	18	..	.06	189	4	.87	327	..	2.42	865	6	4.15	2	
3	16	..	.07	163	2	.75	471	..	2.21	776	6	3.86	3	
4	12	..	.04	144	..	.68	468	4	1.93	672	4	3.76	4	
5	10	..	.05	121	1	.58	335	2	1.74	597	2	3.16	5	
6	7	..	.03	109	2	.53	363	2	1.49	517	6	2.74	6	
7	6	..	.03	98	..	.44	252	2	1.26	438	4	2.15	7	
8	6	1	.03	73	..	.36	224	1	1.12	387	3	2.13	8	
9	5	1	.02	57	..	.26	202	2	1.03	356	4	2.03	9	
10	5	..	.01	46	..	.23	181	..	.94	311	2	1.82	10	
11	5	..	.01	40	..	.20	154	..	.82	272	6	1.69	11	
12	5	..	.01	36	..	.15	137	..	.74	232	2	1.54	12	
13	5	..	.01	27	..	.14	122	1	.67	206	1	1.44	13	
14	5	..	.01	24	..	.12	112	1	.64	181	1	1.36	14	
15	5	..	.01	19	..	.10	102	1	.61	151	1	1.21	15	
16	5	..	.01	15	..	.08	74	..	.46	102	..	.89	16	
17	1	..	.01	12	..	.07	65	1	.43	87	..	.79	17	
18	1	..	.01	10	..	.06	52	..	.36	66	1	.67	18	
19	1	..	.01	10	..	.06	45	..	.34	57	2	.60	19	
20	..	..	..	7	..	.04	33	..	.26	45	..	.53	20	
21	..	..	..	2	..	.01	13	..	.09	18	..	.24	21	
22	..	..	..	1	..	.01	6	..	.05	14	..	.19	22	
23	..	..	..	1	..	.01	2	..	.05	5	1	.07	23	
24	..	..	..	..	..	..	1	..	.01	2	..	.03	24	
1-5	77	1	.33	888	9	3.73	2467	14	10.86	3558	30	18.44	1-5	
6-24	42	2	.21	581	2	2.92	2083	15	11.35	3451	33	22.31	6-24	

Age at Entry		25-29		40-44		45-49		50-55		Insured Years		
Insured years (Years)	Exposure to Risk	Actual Deaths	Expected Deaths	Insured years (Years)	Actual Deaths	Expected Deaths	Insured years (Years)	Actual Deaths	Expected Deaths	Insured years (Years)	Actual Deaths	Expected Deaths
1	1144	4	4.69	1116	6	5.25	721	6	4.68	584	5	5.22
2	939	11	4.84	909	9	5.77	551	3	4.85	287	1	3.56
3	819	25	4.42	821	10	5.67	490	3	4.66	290	4	3.53
4	758	3	4.21	743	9	5.37	442	7	4.61	228	2	3.25
5	684	7	3.86	660	2	5.28	401	4	4.53	192	4	3.15
6	573	2	3.51	588	3	5.09	348	1	4.25	164	8	2.87
7	508	25	3.33	526	8	4.89	311	5	4.11	145	3	2.76
8	432	2	3.02	473	5	4.62	270	5	3.86	132	3	2.72
9	385	3	2.91	430	3	4.45	258	3	3.67	111	4	2.56
10	352	4	2.82	373	3	4.31	212	3	3.54	94	3	2.32
11	290	1	2.47	306	3	3.83	177	5	3.70	74	2	2.01
12	259	4	2.36	263	3	3.65	163	2	2.80	67	..	2.01
13	227	5	2.22	223	3	3.26	135	..	2.68	55	2	1.82
14	201	25	2.13	197	2	3.11	112	3	2.67	44	5	1.61
15	162	..	1.90	172	1	2.94	92	4	2.36	31	..	1.29
16	105	2	1.36	113	2	2.69	53	1	1.50	17	1	.96
17	90	4	1.22	92	2	1.85	43	1	1.24	11	..	.83
18	72	3	1.03	72	2	1.58	34	1	1.17	9	1	.48
19	58	..	.88	58	1	1.39	30	..	1.14	7	..	.41
20	42	3	.72	49	1	1.29	24	..	1.00	5	..	.32
21	15	..	.28	17	..	.49	12	2	.85	4	..	.27
22	7	..	.34	14	3	.43	7	2	.85	3	..	.22
23	6	..	.13	5	..	.16	2	..	.11	2	1	.08
24	3	..	.07	1	..	.04	..	..	..	1	..	.06
1-5	4285	29	22.62	4242	31	27.54	2638	23	23.33	1512	14	16.82
6-24	3794	40	32.58	3964	45	49.23	2233	38	40.25	974	22	22.61

TABLE 1 (Continued)

52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP -5 TO -20 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Insur- ance Years
1	160	1	1.95	93	..	1.49	57	1	1.17	..	..	..	..	..	1
2	126	1	1.99	78	2	1.59	47	..	1.29	..	..	..	..	..	2
3	112	1	2.05	68	..	1.63	42	3	1.35	..	..	..	..	..	3
4	94	2	1.89	57	1	1.50	34	1	1.20	..	..	..	..	..	4
5	86	1	1.88	48	..	1.40	29	2	1.13	..	..	..	..	..	5
6	68	..	1.63	41	1	1.32	27	1	1.16	..	..	..	..	..	6
7	64	1	1.69	37	..	1.31	25	1	1.18	..	..	..	..	..	7
8	57	1	1.66	34	2	1.33	19	..	.98	..	..	..	..	..	8
9	49	1	1.57	25	1	1.07	18	2	1.02	..	..	..	..	..	9
10	44	2	1.56	23	2	1.08	14	..	.86	..	..	..	..	..	10
11	32	1	1.25	15	..	.77	9	..	.60	..	..	..	..	..	11
12	23	..	.99	14	1	.79	6	..	.43	..	..	..	..	..	12
13	20	2	.94	11	..	.68	6	1	.47	..	..	..	..	..	13
14	15	..	.77	11	..	.73	3	..	.25	..	..	..	..	..	14
15	13	..	.74	11	..	.80	3	..	.28	..	..	..	..	..	15
16	4	..	.25	9	1	.70	1	..	.10	..	..	..	..	..	16
17	4	..	.27	7	1	.59	1	..	.11	..	..	..	..	..	17
18	3	..	.22	6	..	.55	1	..	.12	..	..	..	..	..	18
19	2	1	.16	6	..	.60	1	..	.13	..	..	..	..	..	19
20	..	..	..	4	1	.43	1	..	.14	..	..	..	..	..	20
21	..	..	..	2	..	.23	..	..	..	..	..	..	..	..	21
22	..	..	..	2	1	.25	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	578	6	9.76	344	3	7.61	209	7	6.14	..	..	..	..	..	1-5
6-24	398	9	13.70	258	11	13.23	135	5	7.83	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry					15-29				30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years				
1	1000	5	3.44	145	2232	11	8.72	126	1847	7	9.93	70	1				
2	734	6	3.35	179	1795	17	8.99	189	1452	12	10.62	113	2				
3	650	6	3.03	198	1595	8	8.22	97	1312	13	10.33	126	3				
4	562	4	2.69	149	1410	9	7.57	119	1186	16	10.18	157	4				
5	486	3	2.37	127	1251	14	6.96	201	1061	6	9.81	61	5				
1-5	3432	24	14.88	161	8283	39	40.46	146	6838	54	50.87	106	1-5				
6-7	769	7	3.77	186	2033	20	11.99	167	1775	17	18.16	94	6-7				
8-10	797	6	4.02	149	2226	16	14.74	109	1986	24	24.45	98	8-10				
11-15	787	3	4.28	70	2185	23	18.32	126	1810	26	30.35	86	11-15				
16-24	353	1	2.41	41	801	14	9.84	142	626	16	16.52	97	16-24				
1-24	6138	41	29.36	140	13528	132	95.35	138	13035	137	140.35	98	1-24				

Ages at Entry					50-59				60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years				
1	607	4	6.66	60	57	1	1.17	85	5743	28	29.92	94	1				
2	491	4	7.17	56	47	..	1.29	..	4519	39	31.42	124	2				
3	436	5	7.21	69	42	3	1.35	222	4035	35	50.14	116	3				
4	374	5	6.74	74	34	1	1.20	83	3566	35	28.38	123	4				
5	326	5	6.41	78	29	2	1.13	177	3153	30	26.68	112	5				
1-5	2234	23	34.19	67	209	7	6.14	114	21016	167	146.54	114	1-5				
6-7	519	10	11.58	86	52	2	2.34	85	5148	56	47.84	117	6-7				
8-10	569	19	13.81	120	51	2	2.86	70	5679	67	61.88	108	8-10				
11-15	436	12	17.16	70	27	1	2.03	49	5245	65	72.14	90	11-15				
16-24	106	8	7.39	108	5	..	.60	..	1891	39	36.76	106	16-24				
1-24	3864	72	86.13	84	344	12	15.97	86	38929	394	365.16	108	1-24				

TABLE I (Continued)
52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry		15-19			20-24			25-29			30-34		
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	42	..	.13	415	2	1.37	775	4	2.71	1051	2	3.89	1
2	28	..	.17	309	2	1.35	551	2	2.53	813	3	3.90	2
3	23	..	.10	252	3	1.16	490	2	2.30	733	8	3.59	3
4	19	..	.09	211	5	.99	426	4	2.04	642	2	3.21	4
5	17	1	.08	178	3	.85	368	3	1.80	565	1	2.94	5
6	14	..	.07	149	..	.72	313	..	1.53	493	..	2.61	6
7	10	..	.05	132	2	.65	268	1	1.34	431	1	2.35	7
8	9	..	.04	109	..	.53	226	1	1.18	396	1	2.18	8
9	9	..	.04	95	..	.47	198	2	1.01	348	..	1.98	9
10	7	..	.03	81	..	.40	178	4	.93	307	3	1.81	10
11	6	..	.03	65	..	.33	147	..	.78	264	..	1.64	11
12	5	..	.02	57	..	.29	125	..	.68	231	2	1.52	12
13	5	..	.02	54	..	.28	109	..	.60	204	1	1.43	13
14	4	..	.02	48	..	.25	98	..	.56	180	..	1.35	14
15	3	..	.01	43	..	.23	78	..	.46	161	..	1.29	15
16	3	..	.02	31	..	.17	52	1	.32	117	1	.99	16
17	3	..	.02	25	..	.14	42	2	.28	92	2	.84	17
18	1	..	.01	18	..	.10	32	..	.22	72	..	.71	18
19	1	..	.01	14	..	.08	28	..	.21	58	..	.61	19
20	..	..	..	9	..	.05	23	..	.18	42	..	.48	20
21	..	..	..	3	..	.02	6	..	.05	20	1	.25	21
22	..	..	..	..	..	..	4	..	.04	15	..	.20	22
23	..	..	..	..	..	..	2	..	.02	9	..	.13	23
24	..	..	..	..	..	..	1	..	.01	3	..	.05	24
1-5	129	1	.52	1356	15	5.72	2610	15	11.38	3804	16	17.53	1-5
6-24	80	..	.39	933	2	4.71	1940	11	10.40	3443	12	22.40	6-24

Ages at Entry		35-39			40-44			45-49			50-53		
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	1162	6	4.76	997	3	4.69	651	2	4.17	335	1	3.05	1
2	915	4	4.76	801	4	5.13	523	2	4.60	269	3	3.36	2
3	821	4	4.43	726	5	5.01	482	1	4.58	243	1	3.35	3
4	735	2	4.19	655	3	4.91	423	3	4.40	218	4	3.27	4
5	650	6	3.84	586	7	4.69	374	5	4.23	186	2	3.03	5
6	569	5	3.53	517	4	4.39	325	3	3.97	166	8	2.91	6
7	503	2	3.32	451	3	4.10	284	2	3.75	141	3	2.68	7
8	445	4	3.12	397	5	3.89	254	1	3.63	125	1	2.58	8
9	388	2	2.91	352	5	3.73	229	4	3.53	111	4	2.50	9
10	341	3	2.73	310	3	3.57	202	7	3.37	90	1	2.22	10
11	284	2	2.41	250	3	3.13	159	4	2.88	72	2	1.96	11
12	247	..	2.25	214	8	2.89	133	4	2.61	60	3	1.80	12
13	219	4	2.15	180	2	2.63	107	3	2.29	44	1	1.46	13
14	174	..	1.84	149	2	2.35	94	2	2.20	35	2	1.28	14
15	150	3	1.73	128	3	2.19	83	3	2.13	26	1	1.05	15
16	102	2	1.28	85	1	1.57	48	3	1.36	17	..	.75	16
17	79	..	1.07	66	2	1.35	40	..	1.25	14	..	.78	17
18	69	1	1.01	54	1	1.18	31	..	1.07	13	1	.69	18
19	52	..	.82	43	1	1.03	26	..	.99	10	..	.58	19
20	38	..	.65	31	2	.82	23	1	.96	9	..	.57	20
21	15	..	.28	8	..	.23	10	1	.46	5	..	.62	21
22	9	..	.18	5	..	.16	6	..	.30	5	..	.37	22
23	4	..	.09	4	..	.14	4	..	.22	4	..	.32	23
24	3	..	.07	3	..	.12	2	..	.12	1	..	.09	24
1-5	4283	22	21.98	3765	22	24.43	2453	13	21.98	1251	11	16.06	1-5
6-24	3691	28	31.44	3247	45	39.45	2060	38	37.09	954	27	25.21	6-24

TABLE I (Continued)
52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED																
Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	169	1	2.06	90	1	1.44	62	..	1.27	..	..	..	..	..	..	1
2	136	3	2.15	72	4	1.47	53	..	1.46	..	..	..	..	..	..	2
3	119	2	2.18	59	1	1.42	51	..	1.64	..	..	..	..	..	..	3
4	108	1	2.17	50	2	1.32	44	4	1.56	..	..	..	..	..	..	4
5	96	1	2.10	45	2	1.31	32	1	1.25	..	..	..	..	..	..	5
6	74	..	1.78	39	2	1.25	22	..	.94	..	..	..	..	..	..	6
7	62	1	1.64	32	1	1.13	22	..	1.04	..	..	..	..	..	..	7
8	57	1	1.66	28	2	1.09	22	..	1.14	..	..	..	..	..	..	8
9	47	..	1.51	23	1	.99	19	2	1.08	..	..	..	..	..	..	9
10	42	1	1.49	18	2	.85	17	..	1.05	..	..	..	..	..	..	10
11	26	2	1.01	13	2	.67	14	1	.94	..	..	..	..	..	..	11
12	23	3	.99	7	..	.40	13	2	.94	..	..	..	..	..	..	12
13	16	..	.75	6	2	.37	11	..	.86	..	..	..	..	..	..	13
14	13	..	.67	2	..	.13	10	..	.85	..	..	..	..	..	..	14
15	13	..	.74	2	..	.14	10	..	.92	..	..	..	..	..	..	15
16	8	..	.49	1	..	.08	7	1	.70	..	..	..	..	..	..	16
17	7	2	.47	1	..	.08	6	..	.65	..	..	..	..	..	..	17
18	3	1	.22	1	1	.09	5	..	.58	..	..	..	..	..	..	18
19	2	..	.16	..	..	..	4	1	.51	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	2	..	.27	..	..	..	..	..	..	20
21	..	..	..	..	..	..	2	..	.30	..	..	..	..	..	..	21
22	..	..	..	..	..	..	1	1	.16	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	628	8	10.66	316	10	6.96	242	5	7.18	..	..	..	..	..	..	1-5
6-24	394	11	13.66	173	13	7.27	187	8	12.93	..	..	..	..	..	..	6-24

SYNOPSIS

54-59					60-69					70-79				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	
1	1232	6	4.21	143	2213	8	8.65	92	1648	5	8.86	56	1	
2	879	4	4.00	100	1728	7	8.66	81	1324	6	9.73	62	2	
3	765	5	3.56	140	1554	12	8.02	130	1208	6	9.59	63	3	
4	656	9	3.12	288	1377	4	7.40	54	1078	6	9.31	64	4	
5	563	7	2.75	256	1215	7	6.78	103	960	12	8.92	135	5	
1-5	4095	31	17.62	176	8087	38	39.31	96	6218	35	46.41	75	1-5	
6-7	886	3	4.36	69	1996	8	11.79	68	1577	12	16.21	74	6-7	
8-10	922	7	4.63	151	2225	13	14.73	88	1744	25	21.72	115	8-10	
11-15	847	..	4.56	..	2114	12	17.61	68	1497	34	25.30	134	11-15	
16-24	298	3	1.95	154	799	7	9.71	72	489	12	13.31	90	16-24	
1-24	7090	44	33.13	133	15221	78	93.35	84	11523	118	122.95	96	1-24	

Ages at Entry 50-59					60 and over					All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years	
1	594	3	6.55	46	62	..	1.27	..	5749	22	29.54	74	1	
2	477	10	6.98	143	53	..	1.46	..	4461	27	30.83	88	2	
3	421	4	6.95	58	51	..	1.64	..	3999	27	29.76	91	3	
4	376	7	6.76	104	44	4	1.56	256	3531	30	28.15	107	4	
5	327	5	6.44	78	32	1	1.25	80	3097	32	26.12	123	5	
1-5	2195	29	33.68	86	242	5	7.18	70	20837	138	144.40	96	1-5	
6-7	514	15	11.39	132	44	..	1.98	..	5017	38	45.73	83	6-7	
8-10	541	13	14.89	87	58	2	3.27	61	5490	60	59.24	101	8-10	
11-15	358	18	13.42	134	58	3	4.51	67	4874	67	65.40	102	11-15	
16-24	108	5	6.44	78	27	3	3.17	95	1721	30	34.58	87	16-24	
1-24	3716	80	79.82	108	429	13	20.11	65	37939	333	349.35	95	1-24	

TABLE I (Continued)
52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP +25 TO +45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry		15-19			20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	2	..	.01	48	..	.16	174	..	.61	283	..	1.05	1	
2	2	..	.01	34	..	.15	126	1	.58	238	1	1.14	2	
3	1	..	.00	30	..	.14	103	..	.48	221	2	1.08	3	
4	1	..	.00	27	..	.13	96	..	.46	198	..	.99	4	
5	1	..	.00	24	..	.12	88	2	.43	181	2	.94	5	
6	1	..	.00	22	..	.11	77	..	.38	151	3	.80	6	
7	1	..	.00	20	..	.10	72	..	.36	133	..	.77	7	
8	1	..	.00	15	..	.07	62	..	.31	120	..	.66	8	
9	1	..	.00	14	..	.07	57	..	.29	102	1	.58	9	
10	1	..	.00	12	..	.06	51	..	.27	90	1	.53	10	
11	1	..	.00	7	..	.04	41	..	.22	80	1	.50	11	
12	1	..	.00	7	..	.04	35	..	.19	70	..	.46	12	
13	..	..	..	7	..	.04	32	..	.18	63	1	.44	13	
14	..	..	..	7	..	.04	24	..	.14	56	3	.47	14	
15	..	..	..	5	..	.03	21	..	.12	48	1	.38	15	
16	..	..	..	4	..	.02	15	..	.09	34	1	.29	16	
17	..	..	..	4	..	.02	11	..	.07	33	1	.30	17	
18	..	..	..	4	..	.02	6	..	.04	24	..	.24	18	
19	..	..	..	4	..	.02	3	..	.02	19	..	.20	19	
20	..	..	..	2	..	.01	3	..	.02	13	..	.15	20	
21	..	..	..	2	..	.01	1	..	.01	4	..	.05	21	
22	..	..	..	2	..	.01	1	..	.01	2	..	.03	22	
23	..	..	..	2	..	.01	1	..	.01	2	..	.03	23	
24	..	..	..	1	..	.01	1	1	.01	..	..	..	24	
1-5	7	..	.02	163	..	.70	587	3	2.56	1123	5	5.20	1-5	
6-24	7	..	..	141	..	.73	514	1	2.74	1044	13	6.78	6-24	

Ages at Entry		35-39			40-44			45-49			50-53				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths			
1	427	1	1.75	339	1	1.59	248	1	1.59	111	1	1.01	1		
2	345	2	1.79	265	1	1.70	187	2	1.65	87	1	1.09	2		
3	315	3	1.70	242	2	1.67	167	1	1.59	79	4	1.09	3		
4	285	4	1.62	218	2	1.64	146	..	1.52	64	..	.96	4		
5	256	..	1.51	188	..	1.50	131	1	1.48	58	1	.95	5		
6	223	..	1.38	170	..	1.45	119	1	1.45	45	2	.79	6		
7	204	2	1.35	155	..	1.41	106	1	1.40	40	4	.76	7		
8	180	..	1.26	139	1	1.36	95	3	1.36	32	..	.66	8		
9	160	2	1.20	119	1	1.26	82	1	1.26	27	1	.61	9		
10	144	..	1.15	110	..	1.27	72	1	1.20	25	2	.62	10		
11	121	3	1.03	89	2	1.11	63	2	1.14	18	..	.49	11		
12	104	1	.95	73	3	.99	54	2	1.06	16	1	.48	12		
13	89	1	.87	59	2	.86	46	..	.98	14	2	.46	13		
14	78	2	.83	50	..	.79	42	1	.98	11	..	.40	14		
15	64	3	.74	44	..	.75	40	1	1.03	11	1	.44	15		
16	46	2	.58	35	..	.65	25	1	.71	5	2	.22	16		
17	36	1	.49	29	..	.58	17	3	.53	3	1	.15	17		
18	29	2	.42	21	1	.46	9	..	.31	1	..	.05	18		
19	20	..	.32	17	..	.41	7	..	.27	..	..	..	19		
20	10	1	.17	12	1	.32	7	..	.29	..	..	..	20		
21	3	..	.06	..	..	..	5	..	.23	..	..	..	21		
22	1	..	.02	..	..	..	1	..	.05	..	..	..	22		
23	1	..	.02	..	..	..	..	..	..	..	..	..	23		
24	..	..	..	..	..	..	..	..	..	..	..	..	24		
1-5	1628	10	8.37	1252	6	8.10	879	5	7.83	399	7	5.10	1-5		
6-24	1513	20	12.84	1122	11	13.67	790	17	14.25	248	16	6.13	6-24		

TABLE 1 (Continued)
52. TUBERCULOSIS IN TWO OR MORE BROTHERS OR SISTERS
WEIGHT GROUP +25 TO +45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry			54-56			57-59			60-62			63 and over			Insurance Years	
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	61	..	.74	25	..	.40	9	..	.18	..	..	..	..	..	..	1
2	47	2	.74	20	..	.41	8	..	.22	..	..	..	..	..	..	2
3	42	..	.77	19	..	.46	8	..	.26	..	..	..	..	..	..	3
4	34	..	.68	16	..	.42	8	1	.28	..	..	..	..	..	..	4
5	29	1	.64	13	..	.38	6	..	.23	..	..	..	..	..	..	5
6	24	..	.38	12	..	.39	5	..	.21	..	..	..	..	..	..	6
7	23	..	.61	12	..	.42	4	..	.19	..	..	..	..	..	..	7
8	23	1	.67	11	..	.43	4	..	.21	..	..	..	..	..	..	8
9	22	..	.71	9	2	.39	3	..	.17	..	..	..	..	..	..	9
10	19	2	.67	6	..	.28	3	..	.19	..	..	..	..	..	..	10
11	9	1	.35	6	3	.31	1	..	.07	..	..	..	..	..	..	11
12	7	..	.30	3	..	.17	1	..	.07	..	..	..	..	..	..	12
13	2	..	.09	3	..	.19	1	..	.08	..	..	..	..	..	..	13
14	2	..	.10	3	..	.20	1	..	.08	..	..	..	..	..	..	14
15	2	..	.11	2	..	.14	1	..	.09	..	..	..	..	..	..	15
16	2	..	.12	1	..	.08	..	..	..	..	..	..	..	..	..	16
17	2	..	.13	1	1	.08	..	..	..	..	..	..	..	..	..	17
18	2	..	.14	..	..	..	..	..	..	..	..	..	..	..	..	18
19	2	..	.16	..	..	..	..	..	..	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	213	3	3.57	93	..	2.07	39	1	1.17	..	..	..	..	..	..	1-5
6-24	142	4	4.82	69	6	3.08	24	..	1.36	..	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry					55-59				60-69				70-79				80-89				90-99			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years			
1	224	..	.78	..	712	1	2.80	36	587	2	3.18	63	1	..	..	..	1	..	..	..	1			
2	162	1	.74	135	583	3	2.93	102	452	3	3.33	90	2	..	..	..	2	..	..	..	2			
3	134	..	.62	..	536	5	2.78	180	409	3	3.26	92	3	..	..	..	3	..	..	..	3			
4	124	..	.59	..	483	4	2.61	153	364	2	3.16	63	4	..	..	..	4	..	..	..	4			
5	113	2	.55	364	437	2	2.45	82	319	1	2.98	34	5	..	..	..	5	..	..	..	5			
1-5	757	3	3.28	91	2751	15	13.57	111	2131	11	15.93	69	1-5	..	..	..	1-5	..	..	..	1-5			
6-7	193	..	.95	..	711	5	4.25	118	550	2	5.71	35	6-7	..	..	..	6-7	..	..	..	6-7			
8-10	214	..	1.07	..	796	4	5.38	74	617	7	7.71	91	8-10	..	..	..	8-10	..	..	..	8-10			
11-15	188	..	1.04	..	773	16	6.62	242	560	15	9.69	134	11-15	..	..	..	11-15	..	..	..	11-15			
16-24	67	1	.41	244	277	8	3.37	237	183	6	4.81	125	16-24	..	..	..	16-24	..	..	..	16-24			
1-24	1419	4	6.75	59	5308	48	33.19	145	4043	39	43.83	89	1-24	..	..	..	1-24	..	..	..	1-24			

Ages at Entry					50-59				60 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years				
1	197	1	2.15	47	9	..	.18	..	1729	4	9.69	44	1				
2	154	3	2.24	134	8	..	.22	..	1359	10	9.48	105	2				
3	140	4	2.37	172	8	..	.26	..	1227	12	9.24	130	3				
4	114	..	2.06	..	8	1	.28	357	1093	7	8.70	80	4				
5	100	2	1.97	102	6	..	.23	..	975	7	8.18	86	5				
1-5	705	10	10.74	93	39	1	1.17	85	6383	40	44.69	90	1-5				
6-7	156	6	3.55	169	9	..	.40	..	1619	13	14.86	87	6-7				
8-10	174	8	5.04	159	10	..	.57	..	1811	19	19.77	96	8-10				
11-15	109	8	4.23	189	5	..	.39	..	1635	37	21.97	168	11-15				
16-24	20	4	1.21	331	..	..	..	..	549	19	9.80	194	16-24				
1-24	1164	36	24.77	145	63	1	2.53	40	11997	128	111.09	115	1-24				

TABLE I (Continued)
53. TUBERCULOSIS IN ONE BROTHER OR SISTER
WEIGHT GROUP -25 TO -45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				23-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	23	..	.07	215	1	.71	980	4	3.43	1925	5	7.17	1
2	14	..	.06	156	..	.70	768	8	3.53	1549	8	7.44	2
3	10	..	.05	138	1	.63	684	10	3.21	1406	15	6.89	3
4	9	..	.04	122	1	.57	604	5	2.90	1241	8	6.21	4
5	7	..	.03	103	1	.49	544	9	2.67	1112	6	5.78	5
6	6	..	.03	88	1	.42	476	7	2.33	999	7	5.29	6
7	5	..	.01	72	..	.35	418	3	2.09	887	7	4.79	7
8	2	..	.01	64	..	.31	380	4	1.90	798	9	4.39	8
9	1	..	.00	52	1	.25	330	5	1.68	713	2	4.06	9
10	1	..	.00	44	1	.22	289	3	1.50	656	5	3.87	10
11	1	..	.00	32	..	.16	244	2	1.29	572	1	3.55	11
12	1	..	.00	28	..	.14	214	3	1.16	519	1	3.43	12
13	1	..	.00	26	..	.13	192	1	1.06	463	4	3.24	13
14	1	..	.00	23	..	.12	172	..	.98	406	5	3.05	14
15	1	..	.00	21	..	.11	148	..	.87	350	3	2.80	15
16	1	..	.01	18	..	.10	120	..	.74	288	..	2.45	16
17	1	..	.01	13	..	.07	100	1	.66	235	1	2.14	17
18	1	..	.01	11	..	.06	88	2	.62	183	1	1.79	18
19	..	..	..	9	..	.05	69	..	.52	147	4	1.56	19
20	..	..	..	7	..	.04	60	1	.48	102	2	1.17	20
21	..	..	..	7	..	.01	21	..	.18	35	..	.44	21
22	..	..	..	2	..	.01	14	..	.13	30	..	.41	22
23	..	..	..	1	..	.01	10	..	.10	18	1	.26	23
24	..	..	..	..	..	..	6	1	.06	7	..	.11	24
1-5	63	..	.25	734	4	3.10	3580	36	15.74	7233	42	33.44	1-5
6-24	21	..	.08	513	3	2.56	3351	33	18.35	7408	53	48.80	6-24

Ages at Entry				40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	2052	8	8.41	2285	6	10.74	1593	6	10.20	788	7	7.17	1
2	1676	14	8.72	1852	9	11.85	1249	16	10.99	616	6	7.70	2
3	1524	12	8.23	1697	14	11.71	1127	14	10.71	560	5	7.75	3
4	1371	5	7.81	1531	10	11.48	1023	9	10.64	501	9	7.52	4
5	1228	15	7.25	1365	12	10.92	891	11	10.07	429	3	6.99	5
6	1103	7	6.84	1229	9	10.45	805	9	9.82	384	4	6.72	6
7	979	3	6.46	1105	11	10.06	716	11	9.45	339	5	6.44	7
8	890	12	6.23	998	14	9.78	644	3	9.21	295	2	6.08	8
9	775	4	5.81	894	11	9.48	580	12	8.93	261	4	5.87	9
10	699	2	5.59	809	6	9.30	513	6	8.57	230	2	5.68	10
11	604	6	5.13	706	4	8.83	430	2	7.78	181	4	4.97	11
12	538	2	4.90	626	9	8.45	362	5	7.10	146	2	4.38	12
13	462	4	4.53	552	6	8.06	302	1	6.46	130	2	4.30	13
14	404	4	4.28	485	6	7.66	269	1	6.29	106	3	3.87	14
15	346	5	3.98	427	6	7.30	240	5	6.17	86	5	3.46	15
16	271	7	3.39	327	1	6.05	172	3	4.87	58	..	2.56	16
17	206	3	2.78	279	2	5.61	141	7	4.40	48	1	2.33	17
18	170	4	2.48	227	..	4.97	112	1	3.85	40	1	2.17	18
19	133	4	2.10	182	3	4.37	92	3	3.49	31	..	1.80	19
20	101	2	1.73	131	3	3.46	74	3	3.09	25	1	1.58	20
21	50	1	.93	54	..	1.57	41	1	1.88	13	1	.89	21
22	35	..	.70	39	1	1.25	21	1	1.06	9	1	.67	22
23	27	1	.59	23	1	.81	9	..	.50	6	..	.48	23
24	12	1	.29	9	..	.35	5	1	.30	3	..	.24	24
1-5	7851	54	40.42	8730	51	56.70	5883	56	52.61	2894	30	37.11	1-5
6-24	7805	72	68.74	9102	93	117.81	5528	75	103.22	2391	38	64.41	6-24

TABLE I (Continued)

53. TUBERCULOSIS IN ONE BROTHER OR SISTER
WEIGHT GROUP -25 TO -45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry 54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	468	1	5.71	273	2	4.40	152	1	3.12	..	..	..	1
2	368	5	5.81	233	4	4.75	127	3	3.49	..	..	..	2
3	332	7	6.08	213	3	5.11	115	5	3.69	..	..	..	3
4	295	4	5.93	192	6	5.07	93	2	3.29	..	..	..	4
5	250	4	5.48	171	1	4.98	81	1	3.16	..	..	..	5
6	221	8	5.30	154	4	4.94	69	1	2.94	..	..	..	6
7	198	4	5.23	135	3	4.78	62	3	2.92	..	..	..	7
8	177	3	5.15	122	2	4.76	56	4	2.89	..	..	..	8
9	163	2	5.23	109	3	4.68	45	2	2.55	..	..	..	9
10	139	5	4.92	93	1	4.38	36	6	2.22	..	..	..	10
11	112	7	4.37	64	2	3.30	17	..	1.14	..	..	..	11
12	95	2	4.08	51	1	2.89	13	2	.94	..	..	..	12
13	74	..	3.49	38	1	2.34	10	1	.78	..	..	..	13
14	66	2	3.41	29	1	1.94	7	..	.59	..	..	..	14
15	56	1	3.17	25	1	1.81	7	1	.64	..	..	..	15
16	38	2	2.34	13	..	1.02	4	1	.46	..	..	..	16
17	27	3	1.80	12	1	1.02	3	..	.37	..	..	..	17
18	19	..	1.37	11	3	1.01	3	..	.35	..	..	..	18
19	15	..	1.17	7	1	.70	2	..	.25	..	..	..	19
20	11	..	.93	4	..	.43	2	..	.27	..	..	..	20
21	10	1	.92	3	..	.35	1	..	.15	..	..	..	21
22	7	1	.70	2	..	.25	..	..	..	..	..	..	22
23	5	..	.54	..	..	..	..	..	..	..	..	..	23
24	2	..	.23	..	..	..	..	..	..	..	..	..	24
1-5	1713	21	29.01	1084	14	24.31	568	12	16.75	..	..	..	1-5
6-24	1435	39	54.35	872	24	40.60	337	21	19.37	..	..	..	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49					Insurance Years
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		
1	1218	5	4.21	119	3977	13	15.53	84	3878	12	20.94	37	1	
2	938	8	4.29	186	3225	22	16.16	136	3101	25	22.84	109	2	
3	832	11	3.89	283	2930	27	15.17	179	2824	28	22.42	125	3	
4	735	6	3.51	171	2612	13	14.02	93	2554	19	22.12	86	4	
5	654	10	3.19	313	2340	21	13.03	161	2256	23	20.99	110	5	
1-5	4377	40	19.09	210	15084	96	73.86	130	14613	107	109.31	98	1-5	
6-7	1063	11	5.23	210	3968	24	23.38	103	3855	40	39.78	101	6-7	
8-10	1163	14	5.87	239	4531	34	29.93	114	4438	52	55.27	90	8-10	
11-15	1105	6	6.02	100	4664	35	38.89	90	4399	45	74.10	61	11-15	
16-24	554	5	3.87	129	2050	32	25.32	126	1936	31	51.88	66	16-24	
1-24	8262	76	40.08	190	30297	221	191.40	115	29243	278	330.34	83	1-24	

Ages at Entry 50-59					60 and over				All Ages at Entry					Insurance Years
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		
1	1531	10	17.28	58	152	1	3.12	32	10756	41	61.08	67	1	
2	1217	15	18.26	82	177	3	3.49	86	8608	73	65.04	112	2	
3	1103	15	18.92	79	115	5	3.69	136	7806	86	64.04	134	3	
4	988	17	18.52	92	93	2	3.29	61	6987	57	61.46	93	4	
5	850	8	17.45	46	81	1	3.16	32	6181	63	57.82	109	5	
1-5	5691	65	90.43	72	568	12	16.75	77	40333	320	309.44	103	1-5	
6-7	1431	28	33.41	84	131	4	5.88	68	10448	107	107.68	99	6-7	
8-10	1589	22	46.75	47	137	12	7.66	157	11858	134	145.50	92	8-10	
11-15	1259	34	51.73	66	54	4	4.09	98	11481	124	174.83	71	11-15	
16-24	419	17	27.47	62	15	1	1.74	57	4976	86	110.28	78	16-24	
1-24	10389	166	249.79	66	905	33	36.12	91	79096	771	847.73	91	1-24	

TABLE I (Continued)

53. TUBERCULOSIS IN ONE BROTHER OR SISTER
 WEIGHT GROUP -5 TO -20 POUNDS, HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
 LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry		15-19		20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	602	1	1.87	4820	23	15.91	8927	38	31.24	10398	23	38.47	1
2	448	7	1.93	3586	30	16.14	6783	40	31.20	8091	57	38.84	2
3	375	4	1.69	3125	28	14.38	6046	35	28.47	7201	53	35.28	3
4	325	2	1.50	2735	33	12.85	5371	29	25.78	6437	46	32.19	4
5	281	5	1.29	2378	17	11.41	4784	35	23.44	5739	32	29.84	5
6	225	3	1.06	2068	18	9.93	4214	33	20.65	5111	31	27.09	6
7	187	1	.88	1801	15	8.82	3727	22	18.64	4565	26	24.65	7
8	156	1	.73	1602	10	7.85	3319	27	16.60	4081	25	22.45	8
9	128	..	.61	1405	7	6.88	2948	22	15.03	3631	28	20.70	9
10	114	1	.55	1237	7	6.04	2624	14	13.64	3235	23	19.09	10
11	93	..	.45	1045	10	5.23	2244	18	11.89	2737	27	16.97	11
12	85	..	.42	888	6	4.44	1958	15	10.57	2344	13	15.47	12
13	73	..	.36	763	8	3.89	1697	14	9.33	2058	10	14.41	13
14	60	..	.29	672	4	3.49	1486	10	8.47	1808	15	13.56	14
15	52	..	.25	553	2	2.93	1281	5	7.56	1575	10	12.60	15
16	37	..	.19	446	2	2.41	1033	9	6.42	1269	8	10.79	16
17	26	..	.13	354	2	1.95	881	6	5.81	1028	9	9.35	17
18	18	..	.09	273	2	1.53	714	2	5.00	830	6	8.15	18
19	12	..	.06	210	1	1.22	571	7	4.28	666	8	7.06	19
20	10	..	.05	155	..	.95	415	4	3.32	504	7	5.80	20
21	4	..	.02	62	2	.40	186	4	1.58	241	4	3.01	21
22	4	..	.02	40	..	.27	121	1	1.10	159	2	2.15	22
23	2	..	.01	24	..	.18	69	1	.68	99	4	1.45	23
24	1	..	.01	12	..	.09	32	1	.34	43	..	.68	24
1-5	2031	19	8.28	16644	131	70.69	31911	177	140.08	37866	213	174.62	1-5
6-24	1287	6	6.18	13605	96	68.50	29522	215	160.91	35984	256	235.41	6-24

Ages at Entry		35-39			40-44			45-49			50-53			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years	
1	8928	18	36.60	6694	27	31.46	4053	19	25.94	1883	11	17.14	1	
2	7013	26	36.47	5233	33	33.49	3153	26	27.75	1483	17	18.54	2	
3	6279	28	33.91	4682	19	32.31	2830	17	26.89	1313	13	18.12	3	
4	5573	29	31.77	4181	32	31.36	2516	21	26.17	1152	12	17.28	4	
5	4979	35	29.38	3683	32	29.46	2197	18	24.83	1027	20	16.74	5	
6	4450	34	27.59	3239	25	27.53	1900	17	23.18	900	13	15.73	6	
7	3990	30	26.33	2864	25	26.06	1675	8	22.11	784	10	14.90	7	
8	3591	27	25.14	2542	17	24.91	1474	19	21.08	688	9	14.17	8	
9	3229	21	24.22	2250	21	23.85	1294	13	19.93	608	10	13.68	9	
10	2876	24	23.01	1974	17	22.70	1135	10	18.95	533	14	13.17	10	
11	2430	24	20.66	1659	11	20.74	954	13	17.27	423	10	11.51	11	
12	2104	20	19.15	1435	12	19.37	823	9	16.13	352	7	10.56	12	
13	1849	18	18.12	1237	15	18.06	702	6	15.02	310	7	10.26	13	
14	1617	14	17.14	1092	14	17.25	621	7	14.53	267	3	9.75	14	
15	1367	13	15.66	960	7	16.42	545	15	13.96	223	5	8.96	15	
16	1044	13	13.05	680	8	12.58	373	7	10.56	137	9	6.06	16	
17	847	7	11.43	577	7	11.60	309	5	9.64	110	6	5.34	17	
18	674	12	9.84	466	11	10.21	250	10	8.60	90	2	4.78	18	
19	524	6	8.28	356	6	8.54	187	4	7.69	73	2	4.36	19	
20	388	3	6.63	267	8	7.05	132	8	5.50	53	1	3.35	20	
21	160	4	2.96	116	4	3.38	73	5	3.34	36	5	2.47	21	
22	108	..	2.17	81	1	2.60	39	..	1.96	20	1	1.48	22	
23	76	1	1.66	48	..	1.70	28	1	1.54	13	2	1.04	23	
24	40	4	.96	25	..	.98	9	1	.54	3	..	.26	24	
1-5	32772	136	168.15	24473	143	158.08	14749	101	131.58	6858	73	87.82	1-5	
6-24	31359	273	274.00	21868	207	275.53	12521	158	230.93	5625	116	151.85	6-24	

TABLE I (Continued)
53. TUBERCULOSIS IN ONE BROTHER OR SISTER
WEIGHT GROUP - 5 TO - 20 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT POLICIES - CONTINUED																
Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	858	4	10.27	569	9	9.10	239	2	5.31	..	..	..	..	..	..	1
2	673	8	10.63	435	5	9.28	204	1	5.61	..	..	..	..	..	..	2
3	581	8	10.63	411	10	9.86	183	2	5.87	..	..	..	..	..	..	3
4	512	6	10.29	339	7	9.48	166	6	5.88	..	..	..	..	..	..	4
5	454	8	9.94	312	8	9.08	140	3	5.46	..	..	..	..	..	..	5
6	389	12	9.34	271	7	8.70	123	4	5.28	..	..	..	..	..	..	6
7	343	4	9.06	242	9	8.57	111	3	5.23	..	..	..	..	..	..	7
8	303	4	8.82	209	10	8.15	94	5	4.85	..	..	..	..	..	..	8
9	259	3	8.31	185	6	7.94	71	2	4.02	..	..	..	..	..	..	9
10	223	2	7.89	147	6	6.92	60	2	3.70	..	..	..	..	..	..	10
11	171	6	6.67	109	2	5.62	44	..	2.94	..	..	..	..	..	..	11
12	144	3	6.18	86	5	4.87	39	2	2.82	..	..	..	..	..	..	12
13	116	2	5.46	68	2	4.20	30	1	2.35	..	..	..	..	..	..	13
14	103	6	5.31	51	4	3.41	20	..	1.70	..	..	..	..	..	..	14
15	83	2	4.70	38	2	2.75	13	1	1.19	..	..	..	..	..	..	15
16	58	2	3.58	23	2	1.80	8	1	.80	..	..	..	..	..	..	16
17	44	3	2.94	19	1	1.61	6	2	.65	..	..	..	..	..	..	17
18	35	4	2.53	13	3	1.38	4	1	.47	..	..	..	..	..	..	18
19	27	2	2.11	10	2	1.00	3	..	.38	..	..	..	..	..	..	19
20	20	2	1.70	4	..	.43	2	..	.27	..	..	..	..	..	..	20
21	14	2	1.29	3	..	.35	1	..	.13	..	..	..	..	..	..	21
22	9	..	.90	2	..	.35	..	..	..	..	..	..	..	..	..	22
23	5	..	.54	1	..	.14	..	..	..	..	..	..	..	..	..	23
24	2	..	.23	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	3058	34	51.71	2106	39	46.80	952	14	28.13	..	..	..	..	..	..	1-5
6-24	2348	61	87.56	1483	61	68.09	629	24	36.80	..	..	..	..	..	..	6-24

SYNOPSIS

15-29					30-39				40-49				
Ages at Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	14349	62	49.02	126	19326	43	75.07	37	10747	46	57.40	80	1
2	10817	77	49.27	156	15104	83	75.31	110	8386	59	61.24	96	2
3	9546	67	44.49	131	13480	81	69.19	117	7512	36	59.20	61	3
4	8431	64	40.13	159	12010	75	63.96	117	6697	53	57.53	92	4
5	7443	57	36.14	158	10718	67	59.22	113	5880	50	34.29	92	5
1-5	50586	327	219.03	149	70638	349	342.75	102	39222	244	289.66	84	1-5
6-7	12227	92	59.98	153	18116	121	105.66	115	9678	73	98.88	74	6-7
8-10	13528	89	67.93	131	20643	148	134.61	110	10669	97	131.42	74	8-10
11-15	12950	92	69.57	132	19834	164	163.74	100	10026	109	168.75	65	11-15
16-24	5714	44	38.11	115	8700	98	105.40	93	4016	86	107.41	80	16-24
1-24	95000	644	454.63	142	137981	880	852.16	103	73611	669	796.12	76	1-24

Ages at Entry		50-59				60 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years	
1	3290	24	36.46	66	259	2	5.31	38	47971	177	225.26	79	1	
2	2611	30	38.45	78	204	1	5.61	18	37122	250	229.88	109	2	
3	2305	31	38.61	80	183	2	5.87	34	33026	217	217.36	100	3	
4	2023	25	37.05	67	166	6	5.88	102	29327	223	204.55	109	4	
5	1793	36	35.76	101	140	3	5.46	55	25974	213	190.87	112	5	
1-5	12027	146	186.33	78	952	14	28.13	50	173420	1080	1065.92	101	1-5	
6-7	2929	55	66.32	83	234	7	10.51	67	43179	348	341.35	102	6-7	
8-10	3155	66	89.05	74	225	9	12.57	72	48220	409	435.58	94	8-10	
11-15	2544	66	100.21	66	146	4	11.00	36	45590	435	513.27	85	11-15	
16-24	828	51	51.92	98	24	4	2.72	147	19287	283	305.56	93	16-24	
1-24	21478	584	493.83	78	1381	58	64.93	59	329651	2555	2661.68	96	1-24	

TABLE I (Continued)
53. TUBERCULOSIS IN ONE BROTHER OR SISTER
WEIGHT GROUP AVERAGE TO +20 POUNDS, HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Age at Entry				20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	960	3	2.98	3590	14	18.45	8246	32	28.86	8837	34	32.76	1
2	692	2	2.98	3946	23	17.76	6018	28	27.68	6700	26	32.16	2
3	594	3	2.67	3434	29	15.80	5321	31	25.01	6003	28	29.41	3
4	490	4	2.25	2973	23	13.97	4658	31	22.36	5352	28	26.76	4
5	391	4	1.80	2605	18	12.50	4106	33	20.12	4800	24	24.96	5
6	318	3	1.49	2269	19	10.89	3597	20	17.63	4250	21	22.53	6
7	267	3	1.25	1950	9	9.56	3197	24	15.99	3808	12	20.56	7
8	221	2	1.04	1694	10	8.30	2825	14	14.13	3422	23	18.82	8
9	186	1	.89	1510	6	7.40	2532	13	12.91	3093	19	17.63	9
10	158	..	.76	1326	4	6.50	2252	12	11.71	2768	17	16.33	10
11	134	1	.60	1091	11	5.46	1934	8	10.25	2361	14	14.66	11
12	107	..	.52	914	7	4.57	1672	6	9.03	2034	16	13.56	12
13	82	1	.40	793	4	4.05	1458	7	8.02	1792	12	12.54	13
14	63	1	.31	681	2	3.54	1256	7	7.16	1545	17	11.59	14
15	51	..	.25	577	2	3.06	1085	8	6.40	1309	6	10.47	15
16	39	..	.20	445	4	2.40	847	6	5.23	1023	11	8.70	16
17	31	..	.16	365	3	2.01	721	6	4.76	842	12	7.66	17
18	27	..	.14	285	1	1.60	580	2	4.06	677	11	6.59	18
19	20	..	.10	234	1	1.36	451	3	3.38	527	5	5.59	19
20	15	..	.07	182	2	1.11	342	7	2.74	376	4	4.32	20
21	4	..	.02	64	..	.41	146	2	1.24	189	2	2.25	21
22	2	..	.01	35	..	.22	99	1	.90	110	4	1.49	22
23	2	..	.01	24	..	.18	63	..	.62	70	2	1.02	23
24	..	..	..	8	..	.06	28	1	.30	31	1	.49	24
1-5	3127	16	12.68	18548	107	78.48	28349	155	124.03	31692	140	145.99	1-5
6-24	1715	12	8.22	14447	85	72.68	25085	147	136.48	30233	209	196.78	6-24

Age at Entry				40-44			45-49			50-53			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	7914	32	32.43	5826	26	27.38	3753	9	24.62	1824	16	16.60	1
2	6149	26	31.97	4542	26	29.07	2932	28	25.80	1434	18	17.93	2
3	5512	30	29.76	4101	14	28.30	2625	16	24.94	1506	11	18.02	3
4	4899	22	27.92	3640	17	27.30	2316	20	24.69	1136	18	17.04	4
5	4380	15	25.84	3208	15	25.66	2051	14	23.18	975	14	15.86	5
6	3928	23	24.33	2841	13	24.15	1761	9	21.48	846	13	14.81	6
7	3509	19	23.16	2513	26	22.87	1581	17	20.87	734	12	13.95	7
8	3125	19	21.88	2250	17	22.05	1386	16	19.82	661	15	13.62	8
9	2790	19	20.93	2020	15	21.41	1222	16	18.82	586	12	13.19	9
10	2488	24	19.90	1765	17	20.30	1055	12	17.62	496	12	12.25	10
11	2089	26	17.76	1482	14	18.53	861	12	15.58	390	9	10.61	11
12	1798	8	16.36	1262	16	17.04	735	16	14.41	326	9	9.78	12
13	1567	8	15.36	1100	12	16.06	642	17	13.74	284	10	9.40	13
14	1361	14	14.43	959	14	15.15	546	6	12.78	239	10	8.72	14
15	1153	10	13.26	818	11	13.99	473	16	12.16	196	6	7.88	15
16	888	11	11.10	572	15	10.58	311	13	8.80	118	4	5.22	16
17	734	7	9.91	460	13	9.25	252	4	7.86	101	2	4.90	17
18	572	7	8.35	371	6	8.12	199	6	6.85	76	3	4.04	18
19	438	7	6.92	309	5	7.42	150	5	5.69	64	2	3.72	19
20	328	6	5.61	249	10	6.57	108	4	4.50	49	3	3.10	20
21	131	5	2.42	108	4	3.14	55	2	2.52	24	2	1.64	21
22	86	2	1.73	74	2	2.38	35	3	1.76	18	..	1.33	22
23	53	..	1.16	52	3	1.84	24	1	1.32	11	3	.88	23
24	21	..	.50	21	1	.82	12	2	.72	3	1	.26	24
1-5	28854	125	147.94	21317	98	137.71	13677	87	122.03	6673	77	85.45	1-5
6-24	27059	213	235.09	19226	216	241.67	11408	177	207.30	5222	128	139.30	6-24

TABLE I (Continued)

53. TUBERCULOSIS IN ONE BROTHER OR SISTER
 WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
 LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	748	4	9.13	506	9	8.10	274	3	5.62	..	..	..	..	..	1
2	590	6	9.32	406	4	8.20	223	3	6.13	..	..	..	..	..	2
3	521	7	9.51	359	7	8.62	159	8	6.36	..	..	..	..	..	3
4	451	10	9.13	307	7	8.10	167	11	5.91	..	..	..	..	..	4
5	394	5	8.63	277	5	8.06	158	5	5.38	..	..	..	..	..	5
6	348	7	8.35	243	7	7.85	114	6	4.98	..	..	..	..	..	6
7	307	10	8.10	213	9	7.54	98	7	4.62	..	..	..	..	..	7
8	277	8	7.92	185	11	7.37	87	5	4.49	..	..	..	..	..	8
9	239	7	7.67	152	7	6.65	73	6	4.12	..	..	..	..	..	9
10	207	9	7.33	133	8	6.28	59	4	3.61	..	..	..	..	..	10
11	166	9	6.47	95	1	4.96	39	1	7.61	..	..	..	..	..	11
12	142	6	6.09	79	6	4.47	31	..	2.24	..	..	..	..	..	12
13	127	3	5.1	66	..	4.07	26	1	2.04	..	..	..	..	..	13
14	95	7	4.90	57	2	3.81	19	3	1.61	..	..	..	..	..	14
15	75	7	4.47	47	..	3.46	17	3	1.56	..	..	..	..	..	15
16	64	1	3.7	31	4	2.43	8	2	.80	..	..	..	..	..	16
17	34	6	2.27	24	4	2.04	3	1	.32	..	..	..	..	..	17
18	21	17	1.52	17	1	1.56	2	1	.25	..	..	..	..	..	18
19	12	1	.9	15	3	1.46	1	..	.13	..	..	..	..	..	19
20	9	..	.76	10	3	1.08	1	..	.14	..	..	..	..	..	20
21	4	..	.37	1	..	.12	1	..	.15	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	.16	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	2767	32	45.74	1855	30	41.16	1030	28	29.40	..	..	..	..	..	1-5
6-24	2096	81	75.38	1377	59	65.05	582	36	32.83	..	..	..	..	..	6-24

SYNOPSIS

15-29					30-39				40-49				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	14796	49	50.29	97	16751	66	65.13	101	9579	35	51.40	68	1
2	10656	53	48.42	109	12849	52	64.13	81	7474	34	54.87	98	2
3	9349	63	43.48	145	11515	58	59.17	98	6726	30	53.24	56	3
4	8121	58	38.58	150	10251	50	54.68	91	5956	37	51.39	72	4
5	7102	55	34.42	160	9180	39	50.80	77	5259	29	48.84	59	5
1-5	50024	278	215.19	129	60346	265	293.93	90	34994	185	259.74	71	1-5
6-7	11398	78	56.81	137	15495	75	90.60	83	8696	67	89.37	75	6-7
8-10	12704	62	63.64	97	17686	121	115.49	105	9698	93	120.02	77	8-10
11-15	11890	65	63.62	102	17629	131	139.97	94	8878	134	149.44	90	11-15
16-24	5055	39	33.31	117	7082	95	85.81	111	3362	99	90.14	110	16-24
1-24	91271	522	432.57	121	117838	687	725.80	95	65678	578	708.71	82	1-24

Ages at Entry					All Ages				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	3078	29	33.83	86	274	3	5.62	53	44478	182	206.29	88	1
2	2430	28	35.53	79	223	3	6.13	49	33632	190	209.08	91	2
3	2186	25	36.17	69	198	8	6.36	126	29974	184	198.42	93	3
4	1897	35	34.27	102	167	11	5.91	186	26392	191	184.83	103	4
5	1644	22	32.53	68	138	3	5.38	56	23323	148	171.99	86	5
1-5	11235	139	172.35	81	1000	28	29.40	95	157799	895	970.61	92	1-5
6-7	2693	58	60.61	96	214	9	9.60	94	38694	287	306.99	93	6-7
8-10	2938	85	82.26	103	219	15	12.28	122	43243	376	393.67	96	8-10
11-15	2378	85	94.48	98	132	8	10.06	80	40307	423	457.57	92	11-15
16-24	686	40	42.38	94	17	4	1.93	207	16202	277	253.57	109	16-24
1-24	19930	407	452.08	90	1582	64	63.25	101	296249	2258	2382.41	95	1-24

TABLE 1 (Continued)

53. TUBERCULOSIS IN ONE BROTHER OR SISTER
WEIGHT GROUP +35 TO +45 POUNDS, HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Age at Entry		35-39		40-44		45-49		50-54	
Issue-age Years	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths
1	79	16	24	646	1	2.13	1458	5	5.16
2	56	10	74	441	1	1.98	1094	5	5.03
3	51	10	73	383	1	1.76	912	5	4.47
4	47	10	69	338	1	1.54	825	5	3.98
5	43	10	64	282	2	1.35	749	6	3.67
6	39	10	61	249	1	1.20	664	5	3.25
7	37	10	63	207	2	1.61	743	2	2.98
8	31	10	70	192	1	.89	574	3	2.67
9	19	10	69	156	1	.76	491	3	2.50
10	14	10	67	138	1	.68	438	3	2.28
11	13	10	68	136	1	.58	267	2	1.95
12	12	10	66	161	1	.51	240	1	1.67
13	10	10	64	93	1	.48	264	1	1.45
14	9	10	63	84	1	.44	728	2	1.30
15	8	10	63	71	1	.38	194	4	1.16
16	6	10	63	52	1	.29	144	1	.89
17	5	10	63	47	1	.23	143	1	.81
18	4	10	64	37	1	.21	107	1	.71
19	3	10	61	28	1	.16	81	1	.61
20	2	10	61	21	1	.15	67	1	.54
21	1	10	61	16	1	.06	22	1	.26
22	0	10	61	13	1	.07	12	1	.12
23	0	10	61	10	1	.07	10	1	.10
24	0	10	61	9	1	.05	5	1	.05
1-5	263	4	1.06	2879	5	8.76	5691	23	72.25
6-24	171	3	.83	1598	4	8.08	4653	31	75.74

Age at Entry		35-39		40-44		45-49		50-54	
Issue-age Years	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths
1	2582	11	10.59	1910	2	8.91	1777	2	8.17
2	2000	8	10.50	1542	3	9.87	1023	3	9.00
3	1911	5	9.76	1179	10	9.32	911	7	8.56
4	1612	13	9.21	1209	9	9.05	800	5	8.82
5	1412	7	8.45	1092	9	8.74	651	4	7.81
6	1772	10	7.89	943	3	8.03	611	1	7.45
7	1151	7	7.65	820	3	7.55	558	12	7.16
8	1022	4	7.15	731	3	7.16	475	10	6.75
9	912	9	6.84	660	7	7.06	427	12	6.88
10	800	15	6.40	574	9	6.60	271	9	6.22
11	671	7	5.70	481	6	6.63	268	3	5.87
12	581	12	5.29	394	5	5.37	274	6	5.37
13	487	3	4.77	337	3	4.92	234	7	5.01
14	430	2	4.45	284	3	4.49	205	5	4.89
15	361	6	4.15	245	4	4.19	181	9	4.63
16	315	10	3.44	189	3	3.50	101	6	2.86
17	246	4	2.82	158	4	3.18	82	9	2.56
18	169	4	2.47	125	2	2.74	61	3	2.10
19	135	6	2.13	113	4	2.71	51	4	1.93
20	101	3	1.13	78	3	2.66	42	3	1.75
21	40	1	.74	40	1	1.16	21	2	.96
22	23	1	.50	23	1	.74	13	1	.65
23	18	1	.39	14	1	.50	9	1	.50
24	7	1	.17	7	1	.08	6	1	.36
1-5	9461	44	68.53	7129	38	46.16	6692	30	41.88
6-24	8663	117	71.73	6232	35	78.06	4014	110	73.38

TABLE 1 (Continued)
53. TUBERCULOSIS IN ONE BROTHER OR SISTER
WEIGHT GROUP +25 TO +45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				55-59				60-64				65-69				70 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	286	2	3.49	155	2	2.48	81	..	1.66	..	..	..	..	..	..	..	..	..	1
2	232	4	3.67	127	2	2.59	63	..	1.73	..	..	..	..	..	..	..	..	..	2
3	217	5	3.97	115	1	2.76	55	..	1.77	..	..	..	..	..	..	..	..	..	3
4	196	6	3.94	103	6	2.77	48	2	1.70	..	..	..	..	..	..	..	..	..	4
5	168	7	3.68	87	6	2.53	40	2	1.56	..	..	..	..	..	..	..	..	..	5
6	135	1	3.19	74	3	2.38	33	..	1.42	..	..	..	..	..	..	..	..	..	6
7	119	8	3.14	59	2	2.09	31	..	1.46	..	..	..	..	..	..	..	..	..	7
8	95	3	2.76	51	1	1.99	29	2	1.56	..	..	..	..	..	..	..	..	..	8
9	84	1	2.70	47	4	2.02	27	2	1.53	..	..	..	..	..	..	..	..	..	9
10	77	..	2.73	38	6	1.79	21	1	1.30	..	..	..	..	..	..	..	..	..	10
11	63	2	2.46	24	1	1.24	15	..	1.00	..	..	..	..	..	..	..	..	..	11
12	51	2	2.19	20	..	1.13	13	2	.94	..	..	..	..	..	..	..	..	..	12
13	40	1	1.88	18	..	1.11	7	..	.55	..	..	..	..	..	..	..	..	..	13
14	34	3	1.75	12	1	.80	7	2	.59	..	..	..	..	..	..	..	..	..	14
15	30	1	1.70	11	..	.80	3	..	.28	..	..	..	..	..	..	..	..	..	15
16	17	1	1.05	7	..	.55	3	..	.30	..	..	..	..	..	..	..	..	..	16
17	14	2	.94	6	2	.51	3	..	.32	..	..	..	..	..	..	..	..	..	17
18	7	1	.51	4	..	.37	2	1	.25	..	..	..	..	..	..	..	..	..	18
19	5	..	.39	2	..	.20	1	..	.13	..	..	..	..	..	..	..	..	..	19
20	3	..	.25	2	..	.27	1	..	.14	..	..	..	..	..	..	..	..	..	20
21	3	1	.28	2	1	.23	1	..	.15	..	..	..	..	..	..	..	..	..	21
22	1	..	.10	1	..	.13	1	1	.16	..	..	..	..	..	..	..	..	..	22
23	..	..	..	1	..	.14	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	1	..	.15	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1099	24	18.75	587	17	13.08	287	2	8.42	..	..	..	..	..	..	..	..	..	1-5
6-24	776	27	28.02	380	21	17.85	198	11	12.00	..	..	..	..	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry					35-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	2183	7	7.47	94	4874	14	19.07	73	3187	8	17.15	47	1
2	1591	7	7.25	97	3787	8	18.98	42	2565	16	18.87	85	2
3	1385	5	6.46	77	3391	17	17.52	97	2280	17	18.08	94	3
4	1199	5	5.71	88	3013	17	16.20	105	2006	14	17.37	81	4
5	1065	8	5.18	154	2717	17	15.13	79	1783	13	16.55	79	5
1-5	7423	32	32.07	100	17782	68	86.90	78	11821	68	88.02	77	1-5
6-7	1770	9	8.71	103	4625	31	27.26	114	2924	36	30.13	119	6-7
8-10	1992	10	10.04	100	5301	41	34.98	117	3238	55	49.33	136	8-10
11-15	1880	10	10.14	99	5023	55	41.67	132	2956	51	30.54	101	11-15
16-24	780	9	5.26	171	1938	45	23.77	189	1128	43	30.34	142	16-24
1-24	13843	70	66.22	106	34669	240	214.58	112	22067	253	239.36	106	1-24

Ages at Entry					60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	968	8	10.77	74	81	..	1.66	..	11293	37	56.12	66	1
2	787	11	11.61	95	63	..	1.73	..	8793	42	58.44	72	2
3	704	19	11.86	160	55	..	1.77	..	7815	58	53.69	104	3
4	613	14	11.37	123	48	2	1.70	118	6879	52	52.35	99	4
5	533	17	10.74	158	40	..	1.56	..	6138	50	49.16	102	5
1-5	3605	69	56.35	122	287	7	8.42	24	40918	239	271.76	88	1-5
6-7	854	23	19.35	119	64	..	2.88	..	10237	99	88.33	112	6-7
8-10	881	24	24.96	96	77	5	4.33	115	11489	135	114.64	118	8-10
11-15	674	25	26.94	93	45	4	3.36	119	10578	145	132.65	109	11-15
16-24	180	16	11.68	137	12	2	1.43	140	4038	115	72.48	159	16-24
1-24	6194	157	139.28	113	485	13	20.42	64	77260	733	679.86	108	1-24

TABLE I (Continued)

55. TUBERCULOSIS IN ONE PARENT

WEIGHT GROUP - 25 TO - 45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				20-24				25-29				30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	40	..	.12	317	1	1.05	1064	4	3.72	1855	9	6.86	1	1	1
2	32	..	.14	239	1	1.08	834	3	3.84	1510	8	7.25	2	2	2
3	26	..	.12	213	1	.98	745	5	3.50	1378	7	6.75	3	3	3
4	21	..	.10	189	1	.89	687	4	3.30	1265	6	6.33	4	4	4
5	20	2	.09	162	..	.78	603	3	2.95	1117	8	5.81	5	5	5
6	16	..	.08	138	2	.66	516	1	2.53	1007	3	5.34	6	6	6
7	13	..	.06	112	..	.55	440	1	2.20	872	7	4.71	7	7	7
8	13	..	.06	102	1	.50	400	6	2.00	782	6	4.30	8	8	8
9	12	..	.06	88	2	.43	340	4	1.73	683	6	3.89	9	9	9
10	11	..	.05	81	1	.40	300	2	1.56	621	7	3.66	10	10	10
11	8	..	.04	74	..	.37	240	..	1.27	519	7	3.22	11	11	11
12	8	..	.04	71	1	.36	220	1	1.19	461	5	3.04	12	12	12
13	8	..	.04	62	1	.32	186	1	1.02	407	5	2.85	13	13	13
14	6	..	.03	58	..	.30	164	1	.93	376	2	2.87	14	14	14
15	6	..	.03	50	2	.27	142	2	.84	336	3	2.69	15	15	15
16	4	..	.02	37	1	.20	111	..	.69	264	3	2.24	16	16	16
17	4	..	.02	34	..	.19	93	1	.61	220	4	2.00	17	17	17
18	4	..	.02	34	..	.19	79	2	.55	182	1	1.78	18	18	18
19	3	..	.02	26	..	.15	60	..	.48	141	1	1.49	19	19	19
20	2	..	.01	22	..	.13	46	..	.37	120	1	1.38	20	20	20
21	1	..	.01	5	..	.03	18	1	.15	50	..	.63	21	21	21
22	..	..	..	4	..	.03	12	..	.11	35	..	.47	22	22	22
23	..	..	..	2	..	.01	5	..	.05	18	..	.26	23	23	23
24	..	..	..	2	..	.02	3	..	.03	6	..	.09	24	24	24
1-5	139	2	.57	1120	4	4.78	3933	19	17.31	7125	38	33.00	1-5	1-5	1-5
6-24	119	..	.59	1092	11	5.11	3375	23	18.28	7100	61	46.86	6-24	6-24	6-24

Ages at Entry				40-44				45-49				50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	1627	8	6.67	1381	8	7.43	955	7	6.11	459	7	4.18	1	1	1
2	1318	12	6.85	1272	5	8.14	746	5	6.56	342	3	4.28	2	2	2
3	1185	2	6.40	1172	7	8.09	679	4	6.45	313	2	4.32	3	3	3
4	1070	10	6.10	1057	7	7.93	602	2	6.26	284	4	4.26	4	4	4
5	958	13	5.65	944	8	7.55	530	5	5.99	250	4	4.08	5	5	5
6	842	6	5.22	856	5	7.28	484	5	5.90	219	..	3.83	6	6	6
7	737	10	5.00	766	7	6.97	422	9	5.57	195	5	3.71	7	7	7
8	683	6	4.78	691	5	6.77	373	5	5.33	176	2	3.63	8	8	8
9	614	5	4.61	619	4	6.56	325	3	5.01	160	3	3.60	9	9	9
10	571	11	4.57	559	2	6.43	294	3	4.91	145	3	3.58	10	10	10
11	491	4	4.17	467	8	5.84	237	1	4.29	110	1	2.99	11	11	11
12	446	4	4.06	411	4	5.55	215	2	4.21	95	..	2.85	12	12	12
13	379	3	3.71	352	3	5.14	179	5	3.83	80	..	2.65	13	13	13
14	332	4	3.52	317	7	5.01	159	2	3.72	67	2	2.45	14	14	14
15	300	1	3.45	267	5	4.57	134	7	3.44	49	2	1.97	15	15	15
16	228	4	2.85	194	3	3.59	90	3	2.55	30	2	1.33	16	16	16
17	177	4	2.39	156	2	3.14	69	1	2.15	23	..	1.17	17	17	17
18	140	1	2.04	127	2	2.78	54	1	1.86	18	1	.96	18	18	18
19	114	..	1.80	98	..	2.35	44	3	1.67	14	..	.81	19	19	19
20	87	1	1.49	66	..	1.74	37	..	1.54	11	..	.70	20	20	20
21	40	1	.74	37	..	1.08	18	..	.82	7	..	.48	21	21	21
22	23	..	.46	22	1	.71	12	..	.60	3	..	.27	22	22	22
23	11	..	.24	11	..	.39	7	..	.39	2	..	.16	23	23	23
24	7	..	.17	3	..	.12	3	..	.18	1	..	.09	24	24	24
1-5	6158	45	31.67	6026	35	39.14	3512	23	31.37	1648	20	21.17	1-5	1-5	1-5
6-24	6242	65	55.27	6019	58	76.02	3156	50	57.97	1403	21	37.13	6-24	6-24	6-24

TABLE 1 (Continued)

55. TUBERCULOSIS IN ONE PARENT

WEIGHT GROUP -25 TO -45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				34-36			37-39			40-42			43 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	210	1	2.56	150	..	2.08	52	..	1.67	..	..	..	..	..	..	1
2	175	3	2.77	108	2	2.20	40	1	1.10	..	..	..	..	..	..	2
3	153	2	2.80	94	5	2.26	36	1	1.16	..	..	..	..	..	..	3
4	136	3	2.73	77	..	2.03	32	1	1.13	..	..	..	..	..	..	4
5	123	2	2.67	65	..	1.89	29	1	1.13	..	..	..	..	..	..	5
6	101	..	2.42	60	1	1.93	25	1	1.07	..	..	..	..	..	..	6
7	94	2	2.48	51	..	1.81	24	..	1.13	..	..	..	..	..	..	7
8	86	4	2.50	37	..	1.44	20	1	1.03	..	..	..	..	..	..	8
9	79	..	2.34	31	..	1.33	18	1	1.02	..	..	..	..	..	..	9
10	68	1	2.41	26	1	1.22	12	..	.74	..	..	..	..	..	..	10
11	46	3	1.79	22	..	1.14	7	..	.47	..	..	..	..	..	..	11
12	32	1	1.37	16	..	.91	6	..	.43	..	..	..	..	..	..	12
13	27	..	1.27	12	..	.74	4	..	.31	..	..	..	..	..	..	13
14	25	..	1.29	9	..	.60	4	..	.34	..	..	..	..	..	..	14
15	20	..	1.13	8	..	.58	3	..	.28	..	..	..	..	..	..	15
16	13	..	.80	5	..	.39	3	..	.30	..	..	..	..	..	..	16
17	12	1	.80	5	..	.42	2	..	.22	..	..	..	..	..	..	17
18	11	..	.80	3	..	.28	2	..	.23	..	..	..	..	..	..	18
19	8	..	.63	3	1	.30	1	..	.13	..	..	..	..	..	..	19
20	7	..	.59	2	..	.22	..	..	..	..	..	..	..	..	..	20
21	5	2	.46	1	..	.12	..	..	..	..	..	..	..	..	..	21
22	3	..	.36	1	..	.13	..	..	..	..	..	..	..	..	..	22
23	3	..	.32	..	..	..	..	..	..	..	..	..	..	..	..	23
24	1	..	.12	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	796	11	13.53	474	7	10.46	189	4	5.59	..	..	..	..	..	..	1-5
6-24	641	14	24.02	292	3	13.56	131	3	7.70	..	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	1421	5	4.89	102	3482	17	13.53	126	2536	13	13.54	111	1
2	1105	4	5.06	79	2828	20	14.10	147	2018	10	14.70	68	2
3	984	6	4.60	130	2563	9	13.15	68	1831	11	14.54	76	3
4	897	5	4.29	117	2335	16	12.43	129	1659	9	14.19	63	4
5	785	5	3.82	131	2075	21	11.46	183	1474	13	13.54	96	5
1-5	5192	25	22.66	110	13283	83	64.67	128	9338	58	70.51	82	1-5
6-7	1235	4	6.08	66	3478	26	20.27	128	2528	26	25.72	101	6-7
8-10	1347	16	6.79	236	3954	41	24.81	159	2861	22	35.61	63	8-10
11-15	1303	9	7.05	128	4047	38	33.53	113	2738	44	45.60	96	11-15
16-24	611	5	4.06	123	1863	21	22.52	93	1048	16	27.66	58	16-24
1-24	9688	59	46.64	127	26625	209	166.80	125	18713	166	204.50	81	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	799	8	8.82	91	52	..	1.07	..	8290	45	41.83	108	1
2	625	8	9.25	86	40	1	1.10	91	6616	43	44.21	97	2
3	560	9	9.38	96	36	1	1.16	86	5994	36	42.83	84	3
4	497	7	9.02	78	32	1	1.13	88	5420	38	41.06	93	4
5	437	6	8.64	69	29	1	1.13	88	4800	46	38.59	119	5
1-5	2918	38	45.11	84	189	4	5.59	72	31120	208	208.54	100	1-5
6-7	720	8	16.18	49	49	1	2.20	45	8010	65	70.45	92	6-7
8-10	808	14	22.25	63	50	2	2.79	72	9020	95	92.65	103	8-10
11-15	618	9	23.73	38	24	..	1.83	..	8730	100	111.74	89	11-15
16-24	192	7	12.55	56	8	..	.88	..	3722	49	67.67	72	16-24
1-24	5256	76	119.82	63	320	7	13.29	53	60602	517	551.05	94	1-24

TABLE 1 (Continued)

55. TUBERCULOSIS IN ONE PARENT
 WEIGHT GROUP -5 TO -20 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
 LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	988	3	3.06	6638	25	21.97	10274	31	35.96	9708	27	35.92	1
2	737	8	3.15	4846	39	21.81	7769	30	35.74	7589	34	36.43	2
3	626	2	2.82	4205	34	19.34	6949	43	32.66	6828	31	33.46	3
4	518	2	2.38	3621	16	17.02	6179	43	29.66	6102	35	30.51	4
5	417	2	1.92	3103	16	14.89	5465	44	26.78	5426	29	28.27	5
6	344	1	1.62	2644	11	12.69	4745	46	23.25	4805	27	25.47	6
7	277	2	1.30	2266	22	11.10	4124	33	20.62	4250	27	22.97	7
8	238	1	1.12	1993	13	9.77	3619	12	18.10	3765	18	20.71	8
9	198	1	.93	1709	13	8.37	3182	17	16.23	3366	19	19.19	9
10	165	1	.79	1494	13	7.32	2815	12	14.64	3007	19	17.74	10
11	132	3	.63	1256	13	6.28	2385	16	12.64	2586	16	16.03	11
12	104	1	.51	1071	8	5.36	2080	8	11.23	2270	22	14.98	12
13	89	..	.44	915	4	4.68	1806	9	9.93	1990	8	13.92	13
14	80	..	.39	794	4	4.13	1561	9	8.90	1772	18	13.29	14
15	63	1	.31	674	3	3.57	1341	8	7.91	1534	10	12.19	15
16	40	..	.20	494	2	2.67	989	5	6.13	1171	14	9.93	16
17	30	..	.15	402	4	2.21	829	2	5.47	963	8	8.76	17
18	22	..	.11	322	2	1.80	690	2	4.83	775	8	7.60	18
19	18	..	.09	243	1	1.42	547	5	4.10	633	6	6.71	19
20	12	..	.06	189	1	1.10	402	4	3.27	480	2	5.52	20
21	3	..	.02	68	..	.44	186	2	1.58	203	4	2.54	21
22	1	..	.01	52	..	.35	119	3	1.08	137	1	1.85	22
23	1	..	.01	36	..	.26	80	..	.78	76	1	1.11	23
24	..	..	..	12	..	.09	34	2	.36	33	1	.52	24
1-5	3281	17	13.33	22433	130	95.03	36636	191	160.80	33653	156	164.54	1-5
6-24	1817	11	8.71	16630	114	83.61	31534	195	171.00	33806	229	221.04	6-24

Ages at Entry				40-44			45-49			50-54			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	6732	20	27.60	4139	13	19.45	2254	9	14.43	955	5	8.69	1
2	5318	29	27.65	3235	17	20.70	1731	9	15.23	753	5	9.41	2
3	4813	18	25.99	2925	15	20.18	1564	18	14.86	669	9	9.23	3
4	4252	21	24.24	2627	19	19.70	1388	14	14.44	585	7	8.78	4
5	3805	22	22.43	2328	15	18.62	1189	5	13.44	518	7	8.44	5
6	3369	18	20.89	2123	13	18.05	1028	15	12.54	458	9	8.02	6
7	3024	28	19.96	1888	10	17.18	898	10	11.85	395	7	7.51	7
8	2690	14	18.83	1685	18	16.51	802	11	11.47	343	4	7.07	8
9	2442	14	18.32	1484	13	15.75	697	9	10.73	296	4	6.66	9
10	2194	19	17.55	1330	12	15.30	617	11	10.30	258	3	6.37	10
11	1845	11	15.68	1101	11	13.76	488	5	8.83	193	5	5.23	11
12	1607	13	14.62	958	11	12.93	420	8	8.23	158	4	4.74	12
13	1401	14	13.73	817	9	11.93	359	6	7.68	134	2	4.44	13
14	1207	9	12.79	693	9	10.95	307	2	7.18	108	3	3.94	14
15	1025	13	11.79	598	8	10.23	264	9	6.78	87	3	3.50	15
16	778	12	9.73	427	8	7.90	181	3	5.12	54	2	2.39	16
17	645	11	8.71	358	4	7.20	154	4	4.80	41	1	1.99	17
18	517	5	7.55	294	7	6.44	126	3	4.33	33	1	1.75	18
19	398	8	6.29	236	1	5.66	92	5	3.49	28	..	1.63	19
20	296	2	5.06	174	2	4.59	63	1	2.63	19	4	1.20	20
21	146	4	2.70	79	1	2.30	37	..	1.69	9	1	.62	21
22	100	5	2.01	57	..	1.83	24	1	1.21	5	..	.37	22
23	67	..	1.47	36	1	1.27	17	..	.94	4	1	.32	23
24	37	..	.89	21	1	.82	8	1	.48	..	..	..	24
1-5	24920	110	127.93	15254	77	98.65	8126	55	72.40	3480	33	44.55	1-5
6-24	23788	200	208.57	14359	139	180.58	6582	104	120.28	2623	54	67.77	6-24

TABLE I (Continued)

55. TUBERCULOSIS IN ONE PARENT

WEIGHT GROUP -5 TO -20 POUNDS, HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	418	1	5.10	278	2	4.45	122	1	2.50	..	..	..	..	..	1
2	330	5	5.21	236	2	4.81	97	3	2.67	..	..	..	..	..	2
3	300	1	5.49	207	5	4.97	80	5	2.57	..	..	..	..	..	3
4	273	4	5.49	187	3	4.94	66	3	2.34	..	..	..	..	..	4
5	239	3	5.23	165	5	4.80	56	1	2.18	..	..	..	..	..	5
6	209	4	5.02	136	3	4.37	50	2	2.15	..	..	..	..	..	6
7	180	4	4.75	117	4	4.14	43	..	2.03	..	..	..	..	..	7
8	153	3	4.45	101	3	3.94	41	1	2.12	..	..	..	..	..	8
9	127	5	4.08	87	1	3.73	36	1	2.04	..	..	..	..	..	9
10	104	3	3.68	74	1	3.49	31	3	1.91	..	..	..	..	..	10
11	79	1	3.08	56	..	2.89	17	1	1.14	..	..	..	..	..	11
12	69	2	2.96	47	2	2.66	12	..	.87	..	..	..	..	..	12
13	61	2	2.87	34	1	2.10	8	1	.63	..	..	..	..	..	13
14	58	3	2.84	30	2	2.00	4	1	.34	..	..	..	..	..	14
15	46	4	2.60	24	..	1.74	2	1	.18	..	..	..	..	..	15
16	29	1	1.79	16	1	1.25	1	..	.10	..	..	..	..	..	16
17	23	..	1.54	12	..	1.02	1	..	.11	..	..	..	..	..	17
18	22	..	1.59	9	1	.83	..	..	..	..	..	..	..	..	18
19	21	..	1.64	6	2	.60	..	..	..	..	..	..	..	..	19
20	16	1	1.36	4	..	.43	..	..	..	..	..	..	..	..	20
21	12	1	1.10	4	..	.47	..	..	..	..	..	..	..	..	21
22	9	1	.90	3	..	.38	..	..	..	..	..	..	..	..	22
23	7	..	.76	2	..	.27	..	..	..	..	..	..	..	..	23
24	3	..	.35	1	..	.15	..	..	..	..	..	..	..	..	24
1-5	1560	14	26.32	1073	17	23.97	421	13	12.26	..	..	..	..	..	1-5
6-24	1225	35	47.36	763	21	36.46	246	11	13.62	..	..	..	..	..	6-24

SYNOPSIS

15-29					30-39					40-49				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years	
1	17920	59	60.99	97	16440	47	63.52	74	6393	22	33.88	65	1	
2	13347	77	60.70	127	12907	63	64.08	98	4966	26	35.93	72	2	
3	11780	79	54.82	144	11641	49	59.45	82	4489	33	35.04	94	3	
4	10318	61	49.06	124	10354	56	54.75	102	4015	33	34.14	97	4	
5	8985	62	43.59	142	9231	31	50.67	101	3517	18	32.06	56	5	
1-5	62350	358	269.16	126	60573	266	292.47	91	23380	132	171.05	77	1-5	
6-7	14400	115	70.58	163	15448	100	89.27	112	5937	48	59.62	81	6-7	
8-10	15413	83	77.29	107	17464	103	112.34	92	6615	74	80.04	92	8-10	
11-15	14354	87	76.91	113	17227	134	139.03	96	6005	78	98.50	79	11-15	
16-24	5814	35	38.54	91	7455	92	88.97	103	2384	43	62.70	69	16-24	
1-24	112331	658	532.48	124	118167	695	722.08	96	44321	375	471.91	79	1-24	

50-59					60 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	1651	8	18.24	44	122	1	2.50	40	42526	137	179.13	76	1
2	1319	12	19.43	62	97	3	2.67	112	32636	181	182.81	99	2
3	1176	15	19.69	76	80	5	2.57	195	29166	181	171.57	103	3
4	1045	14	19.21	73	66	3	2.34	128	25798	167	159.50	103	4
5	922	15	18.47	81	56	1	2.18	46	22711	147	146.97	100	5
1-5	6113	64	95.04	67	421	13	12.26	106	152837	813	839.98	91	1-5
6-7	1493	31	33.81	92	93	2	4.18	48	37373	296	257.46	115	6-7
8-10	1543	27	43.47	62	108	5	6.07	82	41143	292	319.21	91	8-10
11-15	1181	34	47.61	71	43	4	3.16	127	38810	337	365.21	92	11-15
16-24	392	18	26.70	67	2	..	.21	..	16047	188	217.12	87	16-24
1-24	10724	174	246.63	71	667	24	25.83	93	286210	1926	1998.98	96	1-24

TABLE I (Continued)
55. TUBERCULOSIS IN ONE PARENT
WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Age at Entry		15-19		20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	1287	7	3.99	7365	30	24.30	8008	22	28.03	7003	16	25.92	1
2	860	8	3.70	4989	29	22.45	5864	24	26.97	5353	17	25.69	2
3	742	5	3.34	4305	27	19.80	5182	27	24.36	4791	24	23.48	3
4	628	3	2.89	3687	16	17.33	4495	19	21.58	4241	10	21.21	4
5	511	4	2.35	3166	17	15.20	3995	18	19.58	3821	15	19.87	5
6	407	3	1.91	2671	13	12.82	3476	14	17.03	3399	12	18.01	6
7	342	1	1.61	2285	13	11.20	3073	19	15.37	3003	10	16.22	7
8	274	1	1.29	1981	5	9.71	2725	15	13.63	2677	16	14.72	8
9	229	..	1.10	1731	13	8.48	2400	13	12.24	2405	12	13.71	9
10	188	4	.90	1484	4	7.27	2124	14	11.04	2142	15	12.64	10
11	149	3	.72	1227	7	6.11	1836	9	9.73	1856	10	11.51	11
12	126	..	.62	1058	6	5.29	1582	8	8.54	1611	9	10.63	12
13	112	1	.55	914	3	4.66	1383	7	7.61	1400	14	9.80	13
14	93	..	.46	768	5	3.99	1174	7	6.69	1225	7	9.19	14
15	78	1	.38	637	4	3.38	993	3	5.86	1068	7	8.54	15
16	49	..	.25	458	..	2.47	720	4	4.46	794	8	6.75	16
17	44	..	.22	373	..	2.05	579	3	3.82	664	10	6.04	17
18	36	..	.18	270	2	1.51	453	3	3.17	547	11	5.36	18
19	25	1	.13	218	1	1.26	361	1	2.71	421	5	4.46	19
20	15	..	.08	154	..	.94	272	1	2.18	306	4	3.52	20
21	4	..	.02	58	..	.37	110	3	.94	136	..	1.70	21
22	2	..	.01	43	..	.29	71	1	.65	80	1	1.08	22
23	1	..	.01	17	..	.12	43	3	.42	45	1	.66	23
24	..	..	..	9	..	.07	13	..	.14	20	1	.32	24
1-5	4028	27	16.27	23512	119	99.08	27544	110	120.52	25211	82	116.17	1-5
6-24	2174	15	10.44	16351	76	81.99	23388	128	126.23	23799	153	154.86	6-24

Age at Entry		35-39			40-44			45-49			50-55			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	5419	11	22.22	3303	11	16.46	2025	12	12.96	954	11	8.68	1	
2	4181	14	21.74	2776	11	17.77	1625	9	14.30	743	7	9.29	2	
3	3767	11	20.34	2530	12	17.46	1442	13	13.70	676	4	9.33	3	
4	3331	11	18.99	2255	12	16.91	1271	12	13.22	604	6	9.06	4	
5	2975	15	17.55	2010	20	16.08	1123	10	12.69	547	12	8.92	5	
6	2626	12	16.28	1776	17	15.10	972	7	11.86	466	5	8.16	6	
7	2360	15	15.58	1578	12	14.36	877	14	11.58	413	5	7.83	7	
8	2116	15	14.81	1394	15	13.66	775	5	11.08	359	3	7.40	8	
9	1907	16	14.30	1244	19	13.19	688	9	10.60	326	5	7.34	9	
10	1712	16	13.70	1092	12	12.56	619	8	10.34	291	5	7.19	10	
11	1440	8	12.24	931	9	11.64	506	7	9.16	234	2	6.36	11	
12	1248	14	11.36	798	12	10.77	441	6	8.64	189	7	5.67	12	
13	1086	12	10.64	666	5	9.72	376	7	8.05	153	4	5.06	13	
14	911	13	9.66	561	4	8.86	316	5	7.39	126	5	4.60	14	
15	752	12	8.65	477	11	8.16	271	4	6.96	107	2	4.30	15	
16	557	5	6.96	349	12	6.46	169	6	4.78	59	..	2.61	16	
17	442	5	5.97	287	3	5.77	130	4	4.06	48	3	2.33	17	
18	354	5	5.17	230	5	5.04	107	3	3.68	39	3	2.07	18	
19	273	6	4.31	184	3	4.42	81	1	3.07	31	1	1.80	19	
20	191	5	3.77	137	..	3.62	55	..	2.29	24	..	1.52	20	
21	98	2	1.81	68	1	1.98	28	5	1.28	10	..	.69	21	
22	64	2	1.29	43	..	1.38	21	2	1.06	6	..	.59	22	
23	34	2	.74	24	1	.85	15	..	.83	5	..	.45	23	
24	13	..	.31	8	1	.31	7	1	.42	2	1	.17	24	
1-5	19673	62	109.84	13074	66	84.68	7486	56	66.87	3524	40	45.28	1-5	
6-24	18184	165	157.05	11847	142	147.85	6454	94	117.13	2890	51	76.11	6-24	

TABLE 1 (Continued)
55. TUBERCULOSIS IN ONE PARENT
WEIGHT GROUP AVERAGE TO +20 POUNDS. HEIGHT 5 FT. 3 IN. TO 6 FT. 2 IN., INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				55-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	426	2	5.20	251	1	4.02	113	..	2.32	..	..	..	1
2	335	8	3.29	204	4	4.16	89	..	2.45	..	..	..	2
3	300	2	3.49	180	3	4.32	82	2	2.63	..	..	..	3
4	267	6	3.37	154	3	4.07	70	1	2.48	..	..	..	4
5	231	4	3.06	133	5	3.87	58	2	2.26	..	..	..	5
6	206	6	4.94	113	5	3.63	51	1	2.19	..	..	..	6
7	183	5	4.83	97	1	3.43	45	2	2.12	..	..	..	7
8	166	6	4.83	86	2	3.35	39	..	2.01	..	..	..	8
9	147	4	4.72	70	1	3.00	35	2	1.98	..	..	..	9
10	124	5	4.39	56	5	2.64	27	4	1.67	..	..	..	10
11	89	2	3.47	40	..	2.06	17	2	1.14	..	..	..	11
12	74	2	3.17	32	2	1.81	11	1	.80	..	..	..	12
13	63	2	2.97	22	..	1.36	8	1	.63	..	..	..	13
14	53	2	2.73	18	2	1.20	5	1	.42	..	..	..	14
15	40	1	2.26	16	2	1.16	4	..	.37	..	..	..	15
16	22	2	1.36	10	..	.78	3	..	.30	..	..	..	16
17	15	1	1.00	9	..	.76	2	..	.22	..	..	..	17
18	10	..	.72	8	..	.74	1	..	.12	..	..	..	18
19	9	..	.70	6	1	.60	1	..	.15	..	..	..	19
20	9	1	.76	5	..	.54	1	..	.14	..	..	..	20
21	5	..	.46	1	..	.12	1	..	.15	..	..	..	21
22	3	..	.30	..	..	..	..	..	..	..	..	..	22
23	2	1	.22	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1359	22	26.41	922	16	20.44	412	5	12.14	..	..	..	1-5
6-24	1220	40	43.83	589	21	27.18	251	14	14.39	..	..	..	6-24

SYNOPSIS

Ages at Entry					38-39				40-49				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	16660	59	56.32	105	12424	27	48.14	56	5328	73	29.42	78	1
2	11713	61	53.12	115	9534	31	47.43	65	4401	70	32.07	62	2
3	10229	59	47.50	124	8358	35	43.82	80	3972	25	31.16	80	3
4	8810	38	41.80	91	7572	21	40.20	57	3526	24	30.15	80	4
5	7672	39	37.13	105	6796	30	37.42	80	3133	30	28.77	104	5
1-5	55084	256	235.87	109	44884	144	217.01	66	20360	123	151.55	81	1-5
6-7	12254	63	59.94	105	11388	49	66.09	74	5203	50	52.90	95	6-7
8-10	13136	69	65.66	105	12959	90	83.88	107	5812	68	71.43	95	8-10
11-15	12125	64	64.39	99	12597	106	102.22	104	5343	70	89.35	78	11-15
16-24	4398	23	28.47	81	5019	73	59.72	122	1943	48	51.30	94	16-24
1-24	96997	475	454.53	105	86867	462	528.92	87	38861	358	416.53	86	1-24

Ages at Entry					60 and over				All Ages at Entry				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	1631	14	17.90	78	113	..	2.32	..	36356	123	154.10	86	1
2	1282	19	18.74	101	89	..	2.45	..	27019	131	153.81	85	2
3	1156	9	19.14	47	82	2	2.63	76	23997	130	144.25	90	3
4	1025	15	18.50	81	70	1	2.48	40	21003	99	133.11	74	4
5	911	21	17.85	118	58	2	2.26	55	18570	122	123.43	95	5
1-5	6005	78	92.13	85	412	5	12.14	41	126945	605	708.70	85	1-5
6-7	1478	27	32.84	82	90	3	4.31	70	30419	192	216.08	89	6-7
8-10	1625	36	44.86	80	101	6	5.66	106	33633	269	271.49	99	8-10
11-15	1256	35	48.18	73	45	5	3.36	149	31366	280	307.70	91	11-15
16-24	540	14	21.24	66	9	..	1.06	..	11729	158	161.79	98	16-24
1-24	10704	190	239.25	79	663	19	26.53	72	234092	1504	1663.76	90	1-24

TABLE 1 (Continued)
55. TUBERCULOSIS IN ONE PARENT
WEIGHT GROUP +25 TO +45 POUNDS, HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Age at Entry		15-19				20-24				25-29				30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	83	..	.26	734	3	2.42	1346	8	4.71	1717	4	6.35	1			1	
2	63	2	.27	494	1	2.22	1013	4	4.66	1319	3	6.33	2			2	
3	56	..	.25	424	1	1.95	879	3	4.15	1183	1	5.80	3			3	
4	45	..	.21	358	5	1.68	762	3	3.66	1062	6	5.31	4			4	
5	40	2	.18	310	1	1.49	667	5	3.27	950	7	4.94	5			5	
6	31	..	.15	256	2	1.23	576	3	2.82	836	2	4.43	6			6	
7	23	..	.11	220	1	1.08	512	1	2.56	741	3	4.00	7			7	
8	18	1	.08	187	2	.92	466	6	2.33	648	2	3.56	8			8	
9	16	..	.08	168	..	.82	422	3	2.15	580	2	3.31	9			9	
10	13	..	.06	145	1	.71	381	..	1.98	521	3	3.07	10			10	
11	12	..	.06	125	2	.63	321	1	1.70	441	3	2.73	11			11	
12	9	..	.04	106	..	.53	282	1	1.52	381	6	2.51	12			12	
13	5	..	.02	96	..	.49	241	..	1.33	328	5	2.30	13			13	
14	5	..	.02	84	..	.44	206	..	1.17	275	1	2.06	14			14	
15	5	..	.02	73	..	.39	179	2	1.06	232	3	1.86	15			15	
16	4	..	.02	51	..	.28	135	..	.84	182	3	1.55	16			16	
17	3	..	.02	44	..	.24	109	2	.72	147	..	1.34	17			17	
18	1	..	.01	31	..	.17	87	1	.61	112	2	1.10	18			18	
19	1	..	.01	24	1	.14	71	1	.53	85	2	.88	19			19	
20	1	..	.01	16	..	.10	48	1	.38	57	1	.66	20			20	
21	1	..	.01	5	..	.03	25	..	.21	19	1	.24	21			21	
22	1	..	.01	5	..	.03	15	1	.14	12	..	.16	22			22	
23	1	..	.01	3	..	.02	9	..	.09	5	..	.07	23			23	
24	..	..	..	1	..	.01	5	..	.05	3	..	.05	24			24	
1-5	287	4	1.17	2370	11	9.76	4667	23	20.43	6231	21	28.73	1-5			1-5	
6-24	150	1	.74	1640	9	8.26	4090	23	22.19	5603	37	35.88	6-24			6-24	

Age at Entry		35-39			40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	1590	5	6.52	1061	3	4.99	702	3	4.49	513	1	2.83	1	
2	1252	2	6.51	838	2	5.49	576	4	5.07	260	4	3.25	2	
3	1137	4	6.14	778	1	5.37	510	3	4.85	239	2	3.30	3	
4	1026	9	5.85	683	5	5.12	443	6	4.61	216	3	3.24	4	
5	927	7	5.47	604	5	4.83	393	5	4.46	193	6	3.15	5	
6	819	2	5.08	538	6	4.57	352	2	4.29	162	5	2.84	6	
7	729	4	4.81	481	7	4.38	312	4	4.12	137	4	2.60	7	
8	644	3	4.51	436	3	4.27	279	2	3.99	112	2	2.31	8	
9	583	4	4.37	394	1	4.18	252	7	3.88	95	3	2.14	9	
10	523	1	4.18	357	2	4.11	214	4	3.57	80	4	1.98	10	
11	445	5	3.78	292	2	3.65	185	..	3.35	61	1	1.66	11	
12	386	3	3.51	252	12	3.40	157	8	3.08	36	4	1.68	12	
13	333	5	3.26	209	7	3.05	119	6	2.55	44	2	1.46	13	
14	284	3	3.01	181	6	2.86	96	4	2.25	35	3	1.28	14	
15	249	4	2.86	154	8	2.63	79	2	2.03	28	..	1.13	15	
16	183	3	2.29	98	3	1.81	52	7	1.47	16	2	.71	16	
17	150	1	2.03	86	6	1.73	40	..	1.25	10	1	.49	17	
18	116	2	1.69	67	3	1.47	27	1	.93	6	..	.32	18	
19	91	3	1.44	52	3	1.25	22	1	.83	4	..	.23	19	
20	68	1	1.16	41	..	1.08	19	1	.79	2	..	.13	20	
21	29	..	.94	18	2	.57	11	..	.50	1	..	.07	21	
22	21	..	.42	5	..	.16	5	..	.25	1	1	.07	22	
23	17	..	.37	3	..	.11	2	..	.11	..	..	..	23	
24	7	1	.17	1	..	.04	1	..	.06	..	..	..	24	
1-5	5932	27	30.49	3984	16	25.80	2626	21	23.48	1221	16	15.79	1-5	
6-24	5677	47	49.48	3665	68	45.27	2224	51	39.30	830	32	21.10	6-24	

TABLE I (Continued)
55. TUBERCULOSIS IN ONE PARENT
WEIGHT GROUP +25 TO +45 POUNDS. HEIGHT 5 FEET 3 INCHES TO 6 FEET 2 INCHES, INCLUSIVE
LIFE, LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS COMBINED

Ages at Entry				57-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	121	..	1.48	69	..	1.10	39	1	.80	..	..	..	..	..	1
2	93	2	1.47	61	1	1.24	30	1	.83	..	..	..	..	..	2
3	85	2	1.56	55	..	1.32	27	1	.87	..	..	..	..	..	3
4	73	..	1.47	47	3	1.24	21	..	.74	..	..	..	..	..	4
5	63	2	1.38	40	..	1.16	20	3	.78	..	..	..	..	..	5
6	54	2	1.30	38	..	1.22	16	1	.69	..	..	..	..	..	6
7	43	..	1.14	35	2	1.24	15	..	.61	..	..	..	..	..	7
8	41	1	1.19	32	3	1.25	12	..	.62	..	..	..	..	..	8
9	35	2	1.12	27	2	1.16	11	2	.62	..	..	..	..	..	9
10	30	1	1.06	25	..	1.18	6	..	.37	..	..	..	..	..	10
11	22	1	.86	20	2	1.03	6	..	.40	..	..	..	..	..	11
12	17	1	.73	18	..	1.02	4	2	.29	..	..	..	..	..	12
13	15	2	.71	16	..	.99	1	..	.08	..	..	..	..	..	13
14	12	..	.62	14	2	.94	1	..	.08	..	..	..	..	..	14
15	11	2	.62	8	1	.58	1	..	.09	..	..	..	..	..	15
16	6	1	.37	7	1	.35	..	..	..	..	..	..	..	..	16
17	5	1	.33	5	..	.42	..	..	..	..	..	..	..	..	17
18	4	1	.29	4	..	.37	..	..	..	..	..	..	..	..	18
19	3	..	.23	4	..	.40	..	..	..	..	..	..	..	..	19
20	3	..	.25	3	..	.32	..	..	..	..	..	..	..	..	20
21	2	..	.18	3	2	.35	..	..	..	..	..	..	..	..	21
22	2	..	.20	..	..	..	..	..	..	..	..	..	..	..	22
23	1	..	.11	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	435	6	7.36	272	4	6.06	137	6	4.02	..	..	..	..	..	1-5
6-24	306	15	11.31	259	15	13.02	71	5	3.85	..	..	..	..	..	6-24

NON-PAYABLE

Ages at Entry				35-39				40-49				50-59			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	2165	11	7.39	149	3307	9	12.87	70	1763	6	9.48	63	1	..	1
2	1570	7	7.15	98	2571	5	12.84	39	1434	6	10.56	57	2	..	2
3	1359	4	6.33	63	2329	5	11.94	42	1288	4	10.22	39	3	..	3
4	1165	8	5.55	144	2088	15	11.16	134	1126	11	9.73	113	4	..	4
5	1017	8	4.94	162	1877	14	10.41	134	999	10	9.29	108	5	..	5
1-5	7774	38	31.36	121	12163	48	39.22	81	6610	37	49.28	75	1-5	..	1-5
6-7	1618	7	7.95	88	3125	11	18.32	60	1683	21	17.36	121	6-7	..	6-7
8-10	1816	13	9.13	147	3499	17	23.00	74	1932	19	24.00	79	8-10	..	8-10
11-15	1749	6	9.42	64	3354	38	27.88	136	1724	55	28.85	191	11-15	..	11-15
16-24	697	7	4.69	149	1302	18	16.16	111	550	24	14.36	167	16-24	..	16-24
1-24	13154	71	62.55	114	23443	132	144.58	91	12499	156	135.85	117	1-24	..	1-24

Ages at Entry				60 and over				All Ages at Entry				All Ages at Entry			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	503	1	5.43	18	39	1	.80	125	7775	28	35.97	78	1	..	1
2	414	7	5.96	117	39	1	.83	120	6019	26	37.54	70	2	..	2
3	379	4	6.18	65	27	1	.87	115	5373	18	35.54	51	3	..	3
4	336	6	5.95	101	21	..	.74	..	4736	40	33.13	121	4	..	4
5	296	8	5.69	141	20	3	.78	385	4209	43	31.11	138	5	..	5
1-5	1928	26	29.21	89	137	6	4.02	149	28112	155	173.09	90	1-5	..	1-5
6-7	469	13	10.34	126	29	1	1.30	77	6924	53	55.27	96	6-7	..	6-7
8-10	477	18	13.39	134	29	2	1.61	124	7753	69	71.13	97	8-10	..	8-10
11-15	377	21	15.31	137	13	2	.94	213	7217	122	82.40	148	11-15	..	11-15
16-24	92	10	6.39	156	..	..	..	..	2641	59	41.60	142	16-24	..	16-24
1-24	3543	88	74.64	118	708	11	7.87	140	52647	458	423.49	108	1-24	..	1-24

TABLE II
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ALABAMA, GULF COUNTIES

Ages at Entry 15-19				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	25	..	.08	151	2	.50	215	..	.75	248	1	.93	1
2	17	..	.07	97	..	.44	164	..	.75	171	2	.82	2
3	14	..	.06	85	..	.39	139	..	.65	147	1	.72	3
4	13	..	.06	65	..	.31	118	1	.57	128	..	.64	4
5	10	..	.05	58	..	.28	102	..	.50	110	3	.57	5
6	9	..	.04	48	1	.23	84	..	.41	90	2	.48	6
7	4	..	.02	38	..	.19	75	..	.38	67	3	.36	7
8	3	..	.01	30	1	.15	58	..	.29	55	1	.30	8
9	1	..	.00	24	..	.12	45	..	.23	43	..	.25	9
10	1	..	.00	23	..	.11	42	1	.22	40	2	.24	10
11	1	..	.00	18	..	.09	38	..	.20	35	..	.20	11
12	1	..	.00	17	..	.09	36	..	.19	30	..	.20	12
13	1	..	.00	12	..	.06	29	..	.16	29	1	.20	13
14	1	..	.00	9	..	.05	24	..	.14	23	..	.17	14
15	1	..	.00	5	..	.03	9	..	.05	16	..	.13	15
16	..	..	..	4	..	.02	7	..	.04	13	..	.11	16
17	..	..	..	3	..	.02	6	..	.04	10	1	.09	17
18	..	..	..	2	..	.01	4	..	.03	5	..	.08	18
19	..	..	..	2	..	.01	1	..	.01	3	..	.05	19
20	..	..	..	2	..	.01	1	..	.01	2	..	.02	20
21	..	..	..	1	..	.01	..	..	..	..	..	..	21
22	..	..	..	1	..	.01	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	79	..	.32	456	2	1.92	738	1	3.22	804	7	3.67	1-5
6-24	23	..	.07	239	2	1.21	459	1	2.40	459	10	2.83	6-24

Ages at Entry 35-39				40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	185	2	.76	114	1	.54	58	..	.37	39	..	.35	1
2	137	2	.71	70	..	.45	42	1	.37	27	1	.34	2
3	123	1	.64	63	..	.43	40	..	.38	23	..	.32	3
4	108	..	.62	51	..	.38	34	1	.35	21	..	.32	4
5	96	..	.57	43	..	.34	31	1	.35	18	..	.29	5
6	76	1	.47	40	1	.34	26	..	.32	12	1	.21	6
7	61	..	.40	33	..	.30	18	..	.24	11	..	.21	7
8	51	..	.36	32	..	.31	13	1	.19	9	..	.19	8
9	47	1	.35	29	1	.31	11	..	.17	9	1	.20	9
10	45	1	.36	28	..	.32	10	..	.17	7	..	.17	10
11	36	..	.31	27	..	.34	10	..	.18	5	1	.14	11
12	30	1	.27	22	..	.30	9	..	.18	4	..	.12	12
13	20	..	.20	16	..	.23	8	..	.17	3	..	.10	13
14	18	1	.19	10	..	.16	6	1	.14	1	..	.04	14
15	6	..	.07	4	..	.07	2	..	.05	..	..	..	15
16	5	..	.06	4	..	.07	2	..	.06	..	..	..	16
17	4	..	.05	3	..	.06	2	1	.06	..	..	..	17
18	1	..	.01	1	..	.02	..	..	..	..	..	..	18
19	1	..	.02	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	649	5	3.32	341	1	2.14	205	3	1.82	128	1	1.62	1-5
6-24	401	5	3.12	249	2	2.83	117	3	1.93	61	3	1.38	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ALABAMA, GULF COUNTIES

54-56				57-59			60-62			63 and over			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	13	1	.16	12	--	.19	6	--	.12	6	--	.16	1
2	10	--	.16	10	--	.20	3	--	.08	3	--	.12	2
3	7	--	.13	10	1	.24	3	--	.16	3	--	.15	3
4	7	1	.14	7	--	.18	2	--	.07	2	--	.11	4
5	6	--	.13	5	--	.15	2	--	.08	2	--	.12	5
6	6	--	.14	4	1	.13	2	--	.09	1	--	.06	6
7	4	--	.11	3	--	.11	1	--	.05	1	--	.06	7
8	3	1	.09	2	--	.08	1	--	.05	1	--	.07	8
9	2	--	.06	1	--	.04	--	--	--	1	--	.07	9
10	2	--	.07	1	--	.05	--	--	--	1	--	.08	10
11	1	--	.04	1	--	.05	--	--	--	1	--	.08	11
12	1	--	.04	1	--	.06	--	--	--	1	--	.09	12
13	1	1	.05	--	--	--	--	--	--	--	--	--	13
14	--	--	--	--	--	--	--	--	--	--	--	--	14
15	--	--	--	--	--	--	--	--	--	--	--	--	15
16	--	--	--	--	--	--	--	--	--	--	--	--	16
17	--	--	--	--	--	--	--	--	--	--	--	--	17
18	--	--	--	--	--	--	--	--	--	--	--	--	18
19	--	--	--	--	--	--	--	--	--	--	--	--	19
20	--	--	--	--	--	--	--	--	--	--	--	--	20
21	--	--	--	--	--	--	--	--	--	--	--	--	21
22	--	--	--	--	--	--	--	--	--	--	--	--	22
23	--	--	--	--	--	--	--	--	--	--	--	--	23
24	--	--	--	--	--	--	--	--	--	--	--	--	24
1-5	43	2	.72	44	1	.96	16	--	.45	16	--	.66	1-5
6-24	20	2	.60	13	1	.52	4	--	.19	7	--	.51	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	391	2	1.33	150	433	3	1.68	179	172	1	.91	110	1
2	278	..	1.26	..	308	4	1.53	261	112	1	.82	122	2
3	238	..	1.10	..	270	2	1.38	145	103	..	.81	..	3
4	196	1	.94	106	236	..	1.26	..	85	1	.73	137	4
5	170	..	.83	..	206	3	1.14	263	74	1	.69	145	5
1-5	1273	3	5.46	53	1453	12	6.99	172	546	4	3.96	101	1-5
6-7	258	1	1.27	79	294	6	1.71	351	117	1	1.20	83	6-7
8-10	227	2	1.13	177	281	5	1.86	269	123	2	1.47	136	8-10
11-15	202	..	1.06	..	241	3	1.94	155	114	1	1.87	55	11-15
16-24	34	..	.22	..	44	1	.44	227	12	1	.27	370	16-24
1-24	1994	6	9.14	66	2313	27	12.94	209	912	9	8.72	103	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	64	1	.70	143	12	..	.28	..	1072	7	4.96	143	1
2	47	1	.70	143	6	..	.26	..	751	6	4.51	133	2
3	40	1	.69	145	6	..	.25	..	657	3	4.23	71	3
4	35	1	.64	156	4	..	.18	..	556	3	3.75	80	4
5	29	..	.57	..	4	..	.20	..	483	4	3.43	117	5
1-5	213	4	3.30	121	32	..	1.11	..	3519	23	20.82	110	1-5
6-7	40	2	.91	220	5	..	.26	..	714	10	5.35	187	6-7
8-10	36	2	.95	211	4	..	.27	..	671	11	5.68	194	8-10
11-15	18	2	.64	313	2	..	.17	..	577	6	5.63	107	11-15
16-24	..	..	..	..	..	..	..	..	90	2	.93	215	16-24
1-24	309	10	5.80	172	43	..	1.81	..	5571	52	58.41	133	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry 15-19				20-24				25-29				30-34			
Immortal Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Immortal Years
1	566	1	1.57	2933	24	9.74	4015	19	14.05	3711	22	13.74	1		1
2	289	2	1.34	1725	64	7.76	2477	13	11.76	3479	13	15.79	2		2
3	241	3	1.08	1432	7	6.41	2166	19	10.14	2582	10	10.29	3		3
4	190	4	.87	1141	2	5.34	1806	13	8.65	1769	17	8.81	4		4
5	157	5	.70	933	5	4.48	1411	7	7.40	1177	10	7.68	5		5
6	104	2	.49	756	2	3.63	1235	7	6.05	1221	14	6.47	6		6
7	85	1	.39	614	4	3.01	1019	16	5.10	1009	15	5.48	7		7
8	60	1	.28	501	2	2.47	818	8	4.09	861	8	4.78	8		8
9	36	1	.17	400	1	1.96	635	5	3.76	770	4	5.19	9		9
10	27	1	.11	326	1	1.57	532	3	2.79	616	2	3.75	10		10
11	21	1	.10	266	2	1.35	452	2	2.40	525	1	3.74	11		11
12	14	1	.07	235	1	1.14	391	2	2.11	467	2	3.08	12		12
13	11	1	.05	199	1	1.01	319	1	1.83	406	5	2.84	13		13
14	9	1	.04	170	1	.88	294	1	1.94	345	3	2.56	14		14
15	7	1	.03	147	1	.76	217	4	1.28	286	5	2.79	15		15
16	4	1	.02	112	1	.60	172	2	1.67	216	4	1.85	16		16
17	4	1	.02	87	1	.45	144	1	.95	163	2	1.48	17		17
18	2	1	.01	63	1	.32	112	1	.78	111	2	1.09	18		18
19	1	1	.01	49	1	.28	76	1	.57	75	1	.84	19		19
20	1	1	.01	34	1	.21	47	1	.38	40	1	.41	20		20
21	1	1	.01	16	1	.10	24	1	.20	17	1	.21	21		21
22	1	1	..	9	1	.06	13	1	.12	8	1	.11	22		22
23	1	1	..	7	1	.05	8	1	.09	3	1	.07	23		23
24	1	1	..	1	1	.01	1	1	.01	1	1	..	24		24
1-5	1378	6	5.66	8194	41	33.07	12033	69	52.07	11498	78	51.26	1-5		1-5
6-24	385	3	1.83	3986	15	10.44	6506	60	34.39	7095	67	44.53	6-24		6-24

Ages at Entry 35-39				40-44				45-49				50-54			
Immortal Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Immortal Years
1	3056	18	12.35	2212	9	10.40	1508	7	9.65	658	6	5.99	1		1
2	1991	22	10.35	1463	14	9.36	983	12	8.67	419	12	5.24	2		2
3	1710	16	9.23	1258	16	8.68	827	8	7.86	362	9	5.06	3		3
4	1463	13	8.34	1072	10	8.04	703	4	7.31	369	9	4.64	4		4
5	1232	6	7.27	893	10	7.14	583	6	6.39	265	2	4.32	5		5
6	1037	8	6.43	757	7	6.43	468	6	5.67	214	9	3.75	6		6
7	871	8	5.75	626	5	5.70	376	6	4.96	173	1	3.29	7		7
8	738	5	5.17	519	10	5.09	310	9	4.43	144	6	2.97	8		8
9	587	5	4.40	417	5	4.37	240	2	3.70	110	6	2.48	9		9
10	502	8	4.02	343	8	3.94	204	6	3.41	85	4	2.10	10		10
11	413	6	3.51	274	6	3.43	171	5	3.10	68	1	1.85	11		11
12	369	5	3.36	238	5	3.21	152	2	2.98	57	4	1.71	12		12
13	312	4	3.06	191	3	2.79	129	1	2.76	42	2	1.39	13		13
14	259	3	2.75	162	3	2.56	104	3	2.43	29	2	1.06	14		14
15	191	4	2.20	136	3	2.33	83	2	2.13	21	2	.84	15		15
16	145	2	1.81	103	3	1.91	66	5	1.87	16	2	.71	16		16
17	117	2	1.58	83	1	1.67	53	1	1.65	9	1	.44	17		17
18	88	1	1.28	56	1	1.23	37	2	1.27	7	1	.37	18		18
19	55	3	.87	43	1	1.03	26	1	.99	4	1	.23	19		19
20	33	2	.56	29	1	.77	17	1	.71	1	1	.06	20		20
21	21	1	.39	16	1	.47	10	1	.46	1	1	..	21		21
22	9	1	.18	8	1	.26	4	1	.20	1	1	..	22		22
23	3	1	.07	3	1	.11	1	1	.06	1	1	..	23		23
24	1	1	..	1	1	.04	1	1	.06	1	1	..	24		24
1-5	9452	73	47.72	6898	39	43.62	4606	37	40.08	2013	38	25.19	1-5		1-5
6-24	5750	67	47.39	4000	61	47.34	2449	51	42.84	980	38	23.25	6-24		6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry 54-56				57-59				60-62				63 and over			
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	298	3	3.64	174	3	2.78	77	1	1.58	61	2	1.70	1	1.70	1
2	212	6	3.35	112	4	2.28	60	3	1.65	46	3	1.91	2	1.91	2
3	185	8	3.39	95	..	2.28	57	..	1.67	41	2	2.02	3	2.02	3
4	155	7	3.12	87	2	2.30	47	..	1.49	33	1	1.77	4	1.77	4
5	127	5	2.78	71	4	2.07	39	..	1.52	30	2	1.73	5	1.73	5
6	94	4	2.26	61	4	1.90	30	1	1.29	26	1	1.63	6	1.63	6
7	79	8	2.09	49	1	1.73	24	1	1.13	24	1	1.63	7	1.63	7
8	58	..	1.69	42	1	1.64	20	1	1.03	19	1	1.40	8	1.40	8
9	46	3	1.48	32	2	1.37	16	2	.91	15	4	1.20	9	1.20	9
10	39	2	1.38	26	1	1.22	11	..	.68	11	1	.99	10	.99	10
11	31	1	1.21	18	..	.93	7	..	.47	9	2	.86	11	.86	11
12	28	2	1.20	14	1	.79	7	..	.51	5	1	.40	12	.40	12
13	22	..	1.04	12	1	.74	7	3	.55	3	..	.33	13	.33	13
14	20	1	1.03	9	..	.60	3	..	.25	2	..	.25	14	.25	14
15	14	2	.79	7	1	.51	3	..	.28	2	..	.25	15	.25	15
16	9	1	.56	3	1	.23	2	..	.20	1	..	.16	16	.16	16
17	6	..	.40	2	..	.17	1	..	.11	1	..	.17	17	.17	17
18	5	1	.36	1	..	.09	1	1	.12	..	..	..	18	..	18
19	2	..	.16	1	..	.10	..	..	..	..	..	..	19	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	20	..	20
21	1	..	.09	..	..	..	..	..	..	..	..	..	21	..	21
22	1	..	.10	..	..	..	..	..	..	..	..	..	22	..	22
23	1	..	.11	..	..	..	..	..	..	..	..	..	23	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	977	29	16.28	539	13	11.71	270	4	7.91	211	10	9.13	1-5	1-5	1-5
6-24	457	28	16.03	273	13	12.08	132	9	7.53	118	11	9.42	6-24	6-24	6-24

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Ages at Entry 18-29				30-39				40-49				50 and over			
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	7474	39	23.36	134	6103	43	26.22	164	3720	10	20.05	80	1	1.70	1
2	1151	20	70.74	96	4448	8	23.34	154	2415	20	18.05	144	2	1.91	2
3	3845	29	12.87	162	3792	20	11.43	134	2095	24	16.54	143	3	2.02	3
4	3144	16	14.93	105	1732	30	17.19	125	1774	14	15.39	91	4	1.77	4
5	2506	17	12.38	95	2709	34	14.95	107	1476	16	13.72	117	5	1.73	5
1-5	21630	116	81.36	127	2,2515	153	99.92	133	11204	94	83.70	114	1-5	1-5	1-5
6-7	3813	23	18.63	114	4138	40	26.16	166	2224	24	22.24	105	6-7	6-7	6-7
8-10	3342	23	18.77	150	4036	29	26.07	111	2074	40	24.94	160	8-10	8-10	8-10
11-15	2238	23	18.61	157	3373	43	38.94	135	1640	33	27.72	119	11-15	11-15	11-15
16-24	986	3	6.76	29	1109	20	12.81	156	337	13	14.76	105	16-24	16-24	16-24
1-24	37907	194	147.84	131	33793	282	191.99	150	17953	206	172.82	124	1-24	1-24	1-24

Ages at Entry 50-59				60 and over				All Ages at Entry			
Immersion Years	Exposed to Risk	Actual Deaths	Ratio %	Exposed to Risk	Actual Deaths	Ratio %	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	1130	12	12.41	95	136	3	3.28	91	19231	113	87.37
2	743	22	10.87	705	106	6	3.56	169	13116	109	73.36
3	642	17	10.67	126	93	2	1.69	144	10457	103	68.20
4	531	18	10.06	179	75	1	1.16	51	8772	79	69.79
5	463	21	9.17	120	69	3	3.25	67	7311	57	53.60
1-5	3239	82	33.18	136	481	14	13.64	83	58094	439	341.40
6-7	830	27	15.08	174	104	6	5.72	70	10947	120	86.33
8-10	382	24	16.33	152	92	9	6.21	141	10070	128	90.27
11-15	392	15	15.69	131	40	6	4.26	141	8391	126	91.22
16-24	108	4	4.26	167	6	1	.78	137	2727	40	35.95
1-24	3243	132	104.54	149	731	34	33.99	1008	90229	879	852.17

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ARKANSAS, DELTA COUNTIES

Ages at Entry				20-24			25-29			30-34			Total Years
Years after Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	81	1	.25	467	1	1.54	844	5	2.33	610	2	2.26	1
2	49	..	.21	265	1	1.19	429	1	1.93	398	2	1.91	2
3	42	..	.19	231	2	1.64	344	4	1.71	337	2	1.65	3
4	38	..	.17	200	..	.54	318	2	1.53	285	2	1.42	4
5	30	..	.14	170	2	.82	268	2	1.31	248	..	1.26	5
6	25	..	.12	136	1	.65	226	4	1.11	200	1	1.06	6
7	19	..	.09	109	1	.53	191	..	.96	159	..	.83	7
8	15	..	.07	91	..	.43	157	1	.79	133	..	.73	8
9	7	..	.03	71	1	.35	125	1	.64	112	..	.64	9
10	4	..	.02	68	1	.24	105	..	.53	84	1	.50	10
11	2	..	.01	34	..	.17	83	..	.44	76	1	.43	11
12	1	..	.01	36	..	.13	74	..	.40	66	..	.40	12
13	1	..	.01	30	..	.16	61	..	.34	52	..	.36	13
14	1	..	.01	18	..	.09	53	1	.30	45	1	.39	14
15	1	..	.01	15	1	.08	45	1	.27	32	2	.36	15
16	..	..	..	..	..	.03	33	..	.20	26	..	.22	16
17	..	..	..	..	..	.02	23	..	.15	17	..	.15	17
18	..	..	..	..	..	.01	23	..	.15	15	..	.15	18
19	..	..	..	..	..	.01	19	..	.14	10	..	.11	19
20	..	..	..	..	..	.01	16	1	.13	9	1	.10	20
21	..	..	..	..	..	..	8	..	.09	2	..	.03	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	240	1	.96	1333	11	5.55	2036	17	8.81	1871	10	8.50	1-5
6-24	76	..	.54	381	5	2.87	1237	11	6.61	1025	7	6.33	6-24

Ages at Entry				40-44			45-49			50-54			Total Years
Years after Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	461	2	1.93	551	1	1.65	259	3	1.66	601	2	.92	1
2	294	1	1.53	249	4	1.34	174	2	1.23	47	..	.64	2
3	261	2	1.41	214	1	.47	148	5	1.41	37	1	.79	3
4	210	1	1.24	187	3	.40	126	2	1.21	53	1	.80	4
5	194	5	1.14	161	3	.35	115	2	1.25	47	1	.77	5
6	164	2	1.02	132	2	1.13	99	2	1.21	46	..	.72	6
7	132	2	.87	110	3	1.06	78	1	1.03	32	3	.63	7
8	109	3	.76	94	2	.92	67	1	.49	20	1	.49	8
9	90	3	.68	75	1	.76	54	1	.83	16	1	.66	9
10	73	2	.58	60	..	.69	42	2	.76	13	1	.53	10
11	53	1	.43	47	2	.59	30	1	.54	9	..	.34	11
12	46	..	.44	39	1	.53	24	1	.47	8	1	.34	12
13	40	..	.39	31	..	.43	16	1	.34	6	..	.20	13
14	33	..	.34	24	..	.41	12	..	.28	6	..	.22	14
15	29	..	.33	21	1	.34	9	..	.23	6	1	.24	15
16	16	..	.20	16	..	.26	5	..	.14	2	..	.09	16
17	16	..	.19	12	..	.24	4	..	.12	2	..	.10	17
18	10	..	.15	9	..	.20	4	1	.14	2	..	.11	18
19	8	..	.13	6	..	.14	1	..	.09	2	..	.12	19
20	4	..	.07	5	..	.13	1	..	.04	2	1	.13	20
21	..	..	..	2	..	.06	1	..	.03	1	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1434	12	7.23	1132	12	7.26	819	15	7.18	325	6	4.12	1-5
6-24	822	14	6.60	689	12	7.47	442	12	7.05	167	9	4.11	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ARKANSAS, DELTA COUNTIES

Ages at Entry 54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	30	..	.61	32	1	.51	9	1	.18	4	..	.11	1
2	41	2	.65	17	..	.35	6	..	.17	3	..	.12	2
3	34	3	.62	14	..	.34	5	..	.16	2	..	.10	3
4	29	2	.58	12	..	.32	5	..	.18	1	..	.05	4
5	22	..	.48	10	..	.29	3	..	.12	1	..	.05	5
6	16	1	.38	7	..	.22	3	1	.13	1	..	.06	6
7	14	..	.37	7	..	.25	2	..	.09	1	1	.06	7
8	11	..	.32	6	1	.23	1	..	.05	..	..	..	8
9	6	..	.19	3	..	.13	1	..	.06	..	..	..	9
10	5	1	.18	3	..	.14	1	..	.06	..	..	..	10
11	3	..	.12	2	..	.10	1	..	.07	..	..	..	11
12	2	..	.09	..	..	..	1	..	.07	..	..	..	12
13	2	..	.09	..	..	..	1	..	.08	..	..	..	13
14	2	..	.10	..	..	..	..	..	..	..	..	..	14
15	2	..	.11	..	..	..	..	..	..	..	..	..	15
16	2	..	.12	..	..	..	..	..	..	..	..	..	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	176	7	2.94	85	1	1.81	28	1	.81	11	..	.43	1-5
6-24	66	2	2.14	28	1	1.07	11	1	.61	2	1	.12	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	1214	13	4.12	364	1077	4	4.17	96	610	4	3.31	121	1
2	734	2	3.33	60	692	3	3.44	87	414	6	3.07	193	2
3	637	6	2.96	203	598	5	3.06	163	361	6	2.88	208	3
4	556	2	2.64	76	501	3	2.66	113	313	5	2.71	185	4
5	468	4	2.27	176	437	7	2.40	292	273	6	2.56	234	5
1-5	5609	29	15.37	189	3305	22	15.73	140	1971	27	14.53	186	1-5
6-7	706	8	3.46	231	654	6	3.80	158	476	9	4.43	203	6-7
8-10	623	4	3.14	127	601	9	3.89	231	384	7	4.79	146	8-10
11-15	435	3	2.33	129	461	5	3.74	134	253	7	4.20	167	11-15
16-24	130	1	.89	112	131	1	1.50	67	66	1	1.60	63	16-24
1-24	5503	45	25.14	179	5152	43	28.66	150	3102	51	29.55	173	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	183	3	2.04	147	13	1	.29	345	3097	27	13.93	194	1
2	125	4	1.84	217	9	..	.29	..	1974	15	11.97	125	2
3	105	4	1.75	229	7	..	.26	..	1708	21	10.91	192	3
4	94	3	1.70	176	6	..	.23	..	1470	13	9.94	131	4
5	79	..	1.54	..	4	..	.17	..	1261	17	8.94	190	5
1-5	586	14	8.87	158	39	1	1.34	81	9510	93	55.69	167	1-5
6-7	117	4	2.55	157	7	2	.34	588	1910	29	14.58	199	6-7
8-10	83	5	2.28	219	3	..	.17	..	1694	25	14.27	173	8-10
11-15	48	2	1.75	114	3	..	.22	..	1202	17	12.24	139	11-15
16-24	13	1	.74	135	..	..	..	..	340	4	4.73	85	16-24
1-24	847	26	16.19	161	52	3	1.97	152	14656	168	101.51	166	1-24

TABLE H (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ARKANSAS, OTHER THAN DELTA COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	279	3	.56	1853	10	6.11	2482	13	8.69	2337	13	8.65	1			1
2	146	1	.63	980	9	4.41	1435	9	6.60	1460	7	7.01	2			2
3	120	2	.54	814	2	3.74	1185	9	5.57	1253	6	6.14	3			3
4	97	1	.45	678	4	3.19	1012	4	4.86	1047	12	5.24	4			4
5	78	..	.36	543	7	2.61	856	4	4.19	873	7	4.54	5			5
6	52	1	.24	433	2	2.08	703	5	3.44	737	5	3.91	6			6
7	32	..	.15	328	..	1.61	573	2	2.87	599	3	3.23	7			7
8	24	..	.11	257	1	1.26	472	2	2.36	476	3	2.62	8			8
9	17	..	.08	208	..	1.02	372	..	1.90	376	3	2.14	9			9
10	10	..	.05	171	..	.84	308	1	1.60	313	..	1.83	10			10
11	9	..	.04	140	1	.70	254	..	1.35	271	2	1.68	11			11
12	8	..	.04	119	2	.60	222	2	1.20	241	3	1.59	12			12
13	5	..	.02	100	..	.51	190	1	1.05	205	2	1.44	13			13
14	4	..	.02	88	..	.46	166	3	.95	176	1	1.32	14			14
15	3	..	.01	73	..	.40	129	..	.76	150	2	1.20	15			15
16	2	..	.01	61	..	.33	101	1	.63	121	1	1.03	16			16
17	..	..	..	43	..	.24	87	1	.54	104	..	.95	17			17
18	..	..	..	30	..	.17	69	..	.48	82	1	.80	18			18
19	..	..	..	20	1	.12	49	..	.37	55	..	.58	19			19
20	..	..	..	10	..	.06	34	..	.27	41	..	.47	20			20
21	..	..	..	6	..	.04	21	1	.18	21	..	.26	21			21
22	..	..	..	4	..	.03	9	..	.08	16	..	.22	22			22
23	..	..	..	3	..	.02	5	..	.05	10	1	.15	23			23
24	..	..	..	..	..	..	1	..	.01	..	..	..	24			24
1-5	720	7	2.84	4868	32	20.06	6970	39	29.91	6970	45	31.58	1-5			1-5
6-24	166	1	.77	2096	7	10.49	3760	19	20.09	3994	27	25.44	6-24			6-24

Ages at Entry				35-39				40-44				45-49				50-53				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years				
1	1793	9	7.35	1230	8	5.78	855	11	5.47	419	8	3.81	1			1				
2	1087	13	5.65	751	9	4.81	513	8	4.51	268	9	3.35	2			2				
3	925	9	5.00	646	8	4.46	443	5	4.21	230	2	3.17	3			3				
4	779	6	4.44	556	2	4.17	374	1	3.89	192	1	2.88	4			4				
5	662	6	3.91	468	5	3.74	323	3	3.65	166	4	2.71	5			5				
6	553	4	3.43	393	3	3.34	261	3	3.18	139	4	2.43	6			6				
7	459	9	3.03	309	8	2.81	204	1	2.69	108	5	2.05	7			7				
8	373	4	2.61	238	2	2.33	170	4	2.43	80	..	1.65	8			8				
9	309	2	2.32	187	1	1.98	134	1	2.06	67	3	1.51	9			9				
10	267	3	2.14	165	5	1.87	104	2	1.74	53	1	1.31	10			10				
11	221	..	1.88	130	1	1.63	71	6	1.29	44	1	1.20	11			11				
12	202	1	1.84	114	1	1.54	54	3	1.06	36	1	1.08	12			12				
13	183	..	1.79	109	1	1.46	40	2	.86	30	1	.99	13			13				
14	159	2	1.59	84	1	1.33	32	2	.75	22	..	.80	14			14				
15	122	2	1.40	68	1	1.16	22	..	.57	20	..	.80	15			15				
16	87	2	1.09	50	1	.93	19	1	.54	18	..	.80	16			16				
17	65	1	.88	38	2	.76	18	..	.56	13	..	.73	17			17				
18	51	1	.74	26	2	.57	16	1	.53	9	1	.48	18			18				
19	34	1	.54	19	..	.46	11	1	.42	5	1	.29	19			19				
20	29	1	.50	15	..	.40	10	..	.42	2	..	.15	20			20				
21	14	..	.26	9	..	.26	6	1	.27	1	..	.07	21			21				
22	12	..	.24	6	..	.19	4	..	.20	..	..	..	22			22				
23	8	..	.18	4	..	.14	2	..	.11	..	..	..	23			23				
24	1	..	.02	..	..	..	1	..	.06	..	..	..	24			24				
1-5	5246	43	26.35	3651	32	22.96	2508	28	21.73	1275	24	15.92	1-5							
6-24	3140	33	26.48	1953	79	23.16	1179	28	19.76	649	18	16.32	6-24							

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
ARKANSAS, OTHER THAN DELTA COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	161	3	1.96	91	2	1.46	36	..	.74	22	..	.66	1	..	.66	1
2	109	1	1.72	66	..	1.35	25	1	.69	16	..	.65	2	..	.65	2
3	91	1	1.67	59	2	1.42	23	..	.74	14	1	.67	3	..	.67	3
4	74	2	1.49	52	4	1.37	18	2	.64	13	..	.69	4	..	.69	4
5	64	1	1.40	39	2	1.13	12	1	.47	10	..	.56	5	..	.56	5
6	54	..	1.30	30	1	.96	10	1	.43	10	1	.62	6	..	.62	6
7	42	1	1.11	24	..	.85	9	..	.42	9	1	.59	7	..	.59	7
8	35	..	1.02	18	3	.70	8	..	.41	7	2	.57	8	..	.57	8
9	24	1	.77	14	..	.60	6	1	.34	3	2	.50	9	..	.50	9
10	22	1	.78	11	1	.52	5	1	.31	1	..	.08	10	..	.08	10
11	19	2	.74	8	..	.41	3	1	.20	1	..	.08	11	..	.08	11
12	15	1	.64	5	1	.28	2	..	.14	1	..	.09	12	..	.09	12
13	13	1	.61	2	..	.12	2	..	.16	1	..	.10	13	..	.10	13
14	8	..	.41	2	..	.13	2	1	.17	1	..	.11	14	..	.11	14
15	7	1	.40	2	..	.14	1	1	.09	..	..	..	15	..	..	15
16	4	1	.25	1	..	.08	..	..	..	..	..	..	16	..	..	16
17	3	..	.20	1	..	.08	..	..	..	..	..	..	17	..	..	17
18	3	1	.22	1	..	.09	..	..	..	..	..	..	18	..	..	18
19	2	..	.16	1	..	.10	..	..	..	..	..	..	19	..	..	19
20	2	..	.17	1	..	.11	..	..	..	..	..	..	20	..	..	20
21	..	..	..	1	1	.12	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	499	8	8.24	307	10	6.73	114	4	3.28	75	1	3.17	1-5	..	..	1-5
6-24	253	10	8.78	122	7	5.79	48	6	2.67	34	6	2.39	6-24	..	..	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	4614	26	15.66	166	4130	27	16.00	138	2085	19	11.25	169	1
2	2861	19	11.64	163	2547	20	12.66	158	1764	17	9.32	182	2
3	2119	13	9.85	152	2178	15	11.14	135	1089	13	8.67	130	3
4	1787	9	8.50	106	1826	18	9.68	186	930	3	8.06	37	4
5	1477	11	7.16	154	1535	13	8.45	154	791	8	7.39	108	5
1-5	12538	78	82.81	148	12216	88	57.93	152	6159	60	44.69	134	1-5
6-7	2121	10	10.39	96	2348	21	13.60	154	1167	13	12.02	125	6-7
8-10	1839	4	9.22	43	2114	15	13.68	110	996	13	12.41	121	8-10
11-15	1512	9	8.11	111	1921	15	15.73	95	715	18	11.63	153	11-15
16-24	550	4	3.63	110	751	9	8.91	101	754	9	6.84	132	16-24
1-24	18580	103	84.16	125	19350	148	109.85	135	9291	113	87.61	134	1-24

Ages at Entry					50 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	671	13	7.23	180	58	..	1.34	..	11558	80	51.48	155	1
2	443	10	6.42	156	41	1	1.34	75	6856	67	41.58	182	2
3	380	5	6.26	80	37	1	1.41	71	5803	47	37.33	126	3
4	318	7	5.74	122	31	2	1.33	150	4892	39	33.51	117	4
5	269	7	5.24	134	22	1	1.03	97	4094	40	29.27	137	5
1-5	2081	42	30.89	136	189	5	6.45	78	33203	273	192.77	142	1-5
6-7	397	11	8.70	126	38	3	2.06	146	6071	60	46.77	128	6-7
8-10	324	10	8.86	113	30	6	1.86	323	5303	50	46.03	109	8-10
11-15	233	9	8.75	103	14	3	1.14	263	4393	54	43.38	119	11-15
16-24	70	5	4.08	123	..	..	..	..	1623	27	23.46	115	16-24
1-24	3103	77	61.28	126	271	17	11.51	148	50597	464	354.41	131	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
FLORIDA, GULF COUNTIES

Ages at Entry				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	92	..	.30	550	2	1.82	797	10	2.79	822	3	3.04	1
2	60	..	.26	324	2	1.46	510	5	2.35	551	6	2.64	2
3	45	1	.20	264	1	1.21	447	2	2.10	475	5	2.33	3
4	34	1	.16	216	1	1.02	372	4	1.79	390	2	1.95	4
5	24	..	.11	168	1	.81	302	2	1.48	323	4	1.68	5
6	14	1	.07	143	..	.69	241	2	1.18	267	3	1.42	6
7	11	..	.05	120	..	.59	207	..	1.04	219	1	1.18	7
8	9	..	.04	93	..	.46	168	..	.84	185	..	1.01	8
9	6	..	.03	67	1	.33	139	3	.71	139	..	.79	9
10	4	..	.02	51	..	.25	116	3	.60	120	3	.71	10
11	3	..	.01	41	..	.21	90	..	.48	89	..	.55	11
12	1	..	.00	36	3	.18	76	..	.41	76	3	.50	12
13	..	..	..	26	..	.13	70	..	.39	58	2	.41	13
14	..	..	..	22	..	.11	56	1	.32	48	3	.36	14
15	..	..	..	19	1	.10	46	1	.27	43	1	.34	15
16	..	..	..	17	..	.09	35	1	.22	34	..	.29	16
17	..	..	..	14	..	.08	17	..	.11	23	1	.21	17
18	..	..	..	6	..	.03	9	..	.06	14	..	.14	18
19	..	..	..	5	..	.03	7	..	.05	9	..	.10	19
20	..	..	..	3	..	.02	5	..	.04	4	..	.05	20
21	..	..	..	1	..	.01	1	..	.01	..	..	..	21
22	..	..	..	1	..	.01	..	..	..	..	..	..	22
23	..	..	..	1	..	.01	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	239	2	1.03	1522	7	6.32	2428	23	10.51	2361	18	11.64	1-5
6-24	48	1	.22	666	5	3.33	1283	11	6.73	1326	17	8.06	6-24

Ages at Entry				40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	381	4	2.38	409	4	1.92	261	2	1.67	81	1	.74	1
2	395	3	2.05	288	3	1.84	174	3	1.53	60	..	.75	2
3	342	3	1.85	255	4	1.76	149	3	1.42	55	..	.76	3
4	281	4	1.60	216	2	1.62	121	2	1.26	48	..	.72	4
5	225	1	1.35	176	..	1.41	95	1	1.07	43	3	.70	5
6	200	1	1.24	136	1	1.16	72	2	.88	28	1	.49	6
7	163	2	1.08	113	..	1.03	59	1	.78	26	..	.49	7
8	132	3	.92	93	2	.91	46	..	.66	21	3	.43	8
9	106	3	.80	72	..	.76	39	..	.60	15	1	.34	9
10	79	1	.63	57	1	.66	35	..	.58	13	1	.32	10
11	56	1	.48	43	1	.54	19	..	.34	9	1	.24	11
12	47	..	.43	40	..	.54	15	..	.29	8	..	.24	12
13	42	1	.41	34	1	.50	10	..	.21	5	1	.17	13
14	29	2	.31	23	..	.36	8	..	.19	2	..	.07	14
15	27	1	.25	20	..	.34	5	..	.13	2	..	.08	15
16	20	..	.25	18	..	.33	5	..	.14	2	..	.09	16
17	13	..	.18	9	..	.18	3	..	.09	2	..	.10	17
18	5	..	.07	4	..	.09	2	..	.07	1	..	.05	18
19	3	..	.08	2	..	.05	1	..	.04	1	..	.08	19
20	4	..	.07	1	..	.03	1	..	.04	1	..	.06	20
21	..	..	..	..	..	..	..	..	..	1	..	.07	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1824	14	9.21	1344	13	8.55	800	11	6.95	287	4	3.67	1-5
6-24	923	15	7.20	665	6	7.48	320	3	5.04	137	8	3.30	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
FLORIDA, GULF COUNTIES

Age at Entry				55-59				60-64				65 and over			
Single-year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	42	1	.51	31	2	.50	9	..	.12	5	..	..	..	.15	1
2	29	..	.46	23	..	.47	5	..	.22	5	..	..	..	.12	2
3	26	2	.65	22	..	.53	6	..	.15	..	..	..	..	.13	3
4	181	1	.36	17	1	.45	6	..	.21	3	..	..	..	.14	4
5	11	..	.24	15	..	.38	5	..	.15	2	..	..	..	.10	5
6	108	1	.24	109	..	.32	5	..	.12	1	..	..	..	.06	6
7	64	..	.39	8	..	.28	3	..	.14	1	..	..	..	.07	7
8	5	1	.15	7	..	.23	3	..	.15	1	..	..	..	.07	8
9	2	..	.06	5	1	.21	3	..	.17	1	..	..	..	.07	9
10	1	..	.04	4	1	.19	3	..	.15	1	..	..	..	.06	10
11	1	..	.04	1	..	.05	..	..	..	1	..	..	..	.05	11
12	1	..	.04	1	..	.06	..	..	..	..	..	..	..	..	12
13	1	..	.05	1	..	.06	..	..	..	..	..	..	..	..	13
14	1	..	.05	1	..	.07	..	..	..	..	..	..	..	..	14
15	1	..	.06	..	..	..	..	..	..	..	..	..	..	..	15
16	1	..	.06	..	..	..	..	..	..	..	..	..	..	..	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	126	4	2.05	106	3	2.33	32	..	.92	19	..	..	..	.73	1-5
6-24	31	2	1.02	38	2	1.51	15	..	.78	8	1	..	..	.43	6-24

SYNOPSIS

Age at Entry					55-59				60-64				
Single-year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Single-year Years
1	1643	17	4.91	244	1403	7	5.42	179	670	6	5.59	167	1
2	894	7	4.07	172	946	9	6.69	195	462	6	5.37	178	2
3	756	4	3.51	114	817	6	6.18	144	404	7	5.15	223	3
4	622	6	2.97	202	671	6	5.55	169	357	6	2.88	159	4
5	494	3	2.69	125	549	4	5.01	133	271	1	2.48	40	5
1-5	4398	32	17.86	175	4585	32	20.85	335	2144	24	15.34	153	1-5
6-7	736	3	3.67	63	949	7	4.97	147	386	4	3.85	104	6-7
8-10	637	3	5.26	213	759	10	4.86	206	347	5	4.17	72	8-10
11-15	466	6	2.61	230	510	14	4.04	347	217	2	3.44	58	11-15
16-24	127	1	.77	180	131	1	1.44	69	46	..	1.06	..	16-24
1-24	6396	49	28.14	374	6634	64	36.11	177	3129	33	28.02	116	1-24

Age at Entry					65 and over				All Ages at Entry				
Single-year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Single-year Years
1	124	4	1.15	229	34	..	.31	..	3684	29	13.98	181	1
2	117	..	1.68	..	13	..	.40	..	2427	22	14.21	155	2
3	105	2	1.77	115	10	..	.36	..	2090	19	13.00	146	3
4	65	2	1.55	131	9	..	.15	..	1732	18	11.28	160	4
5	61	3	1.32	277	5	..	.32	..	1585	11	9.43	117	5
1-5	519	11	3.05	131	51	..	1.44	..	11508	99	63.90	137	1-5
6-7	386	2	1.96	101	8	..	.39	..	2961	16	14.76	108	6-7
8-10	73	3	2.01	398	12	..	.73	..	1839	24	15.05	184	8-10
11-15	35	3	1.28	150	1	1	.08	1230	1244	25	11.45	218	11-15
16-24	10	..	.36	..	..	..	..	..	386	2	3.83	52	16-24
1-24	725	21	17.88	166	73	1	2.89	35	16766	170	108.99	134	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
FLORIDA, OTHER THAN GULF COUNTIES

Ages at Entry				20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	83	..	.26	563	2	1.86	737	6	2.58	660	1	2.44	1
2	88	..	.25	360	..	1.62	516	6	2.37	485	4	2.33	2
3	57	..	.26	307	..	1.41	439	3	2.06	415	1	2.03	3
4	46	1	.21	266	2	1.25	383	2	1.84	361	2	1.81	4
5	39	..	.18	229	2	1.10	328	3	1.61	311	1	1.62	5
6	25	..	.12	186	2	.89	255	1	1.25	244	2	1.29	6
7	18	..	.08	156	1	.76	200	2	1.00	203	..	1.10	7
8	10	..	.05	122	..	.60	146	..	.73	159	..	.87	8
9	3	..	.01	95	..	.47	106	..	.54	123	3	.70	9
10	2	..	.01	67	1	.33	86	..	.45	96	3	.57	10
11	1	..	.00	47	..	.24	70	..	.37	73	..	.45	11
12	1	..	.00	44	1	.22	64	..	.35	63	1	.42	12
13	..	..	..	36	..	.18	54	1	.50	54	..	.38	13
14	..	..	..	32	..	.17	46	..	.26	48	..	.36	14
15	..	..	..	22	1	.12	36	..	.21	42	1	.34	15
16	..	..	..	15	..	.08	29	..	.18	37	1	.31	16
17	..	..	..	13	..	.07	26	..	.17	27	..	.25	17
18	..	..	..	10	2	.06	18	..	.13	17	..	.17	18
19	..	..	..	6	..	.03	13	..	.10	12	..	.13	19
20	..	..	..	5	..	.03	10	..	.08	7	..	.08	20
21	..	..	..	4	..	.03	3	..	.03	4	..	.05	21
22	..	..	..	3	..	.02	3	..	.03	3	..	.04	22
23	..	..	..	2	..	.01	3	..	.03	2	..	.03	23
24	..	..	..	1	..	.01	2	1	.02	..	..	..	24
1-5	285	1	1.16	1725	6	7.24	2403	20	10.46	2232	9	10.23	1-5
6-24	60	..	.27	866	8	4.32	1170	5	6.23	1214	11	7.54	6-24

Ages at Entry				40-44			45-49			50-53			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	531	2	2.18	415	..	1.95	231	1	1.48	100	..	.91	1
2	377	2	1.96	287	5	1.84	167	8	1.47	68	2	.83	2
3	323	1	1.74	237	4	1.64	146	1	1.39	58	..	.80	3
4	281	6	1.60	197	4	1.48	125	1	1.30	53	4	.80	4
5	230	1	1.36	174	1	1.39	109	3	1.23	41	..	.67	5
6	184	2	1.14	147	2	1.25	89	1	1.09	35	..	.61	6
7	143	1	.90	116	..	1.06	70	1	.92	23	..	.44	7
8	116	2	.81	78	2	.76	56	..	.80	14	..	.29	8
9	88	..	.66	55	1	.58	43	1	.66	8	..	.18	9
10	67	1	.54	38	1	.44	35	..	.58	7	..	.17	10
11	47	..	.40	27	..	.34	25	1	.45	5	..	.14	11
12	43	1	.39	26	..	.35	17	..	.33	3	1	.09	12
13	40	..	.39	23	1	.34	13	2	.28	2	..	.07	13
14	36	2	.38	19	..	.30	6	..	.14	2	..	.07	14
15	32	1	.37	15	..	.26	5	1	.13	1	..	.04	15
16	30	..	.38	14	..	.26	4	..	.11	..	..	..	16
17	21	..	.28	7	..	.14	2	1	.06	..	..	..	17
18	13	..	.22	3	..	.07	..	..	..	..	..	..	18
19	10	..	.16	1	..	.02	..	..	..	..	..	..	19
20	5	..	.09	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1742	12	8.84	1310	14	8.30	778	14	6.87	320	6	4.03	1-5
6-24	879	10	7.17	569	7	6.17	365	8	5.55	100	1	2.10	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
FLORIDA, OTHER THAN GULF COUNTIES

Ages at Entry		51-56		57-59			60-62			63 and over			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years
1	46	..	.56	23	..	.37	10	..	.21	13	..	.36	1
2	29	1	.46	17	..	.35	6	..	.17	11	1	.44	2
3	23	..	.42	16	..	.38	6	..	.19	10	..	.48	3
4	19	2	.38	14	..	.37	6	..	.21	7	..	.34	4
5	15	..	.33	10	1	.29	5	..	.20	6	1	.31	5
6	10	..	.24	9	..	.29	4	1	.17	5	1	.28	6
7	5	1	.13	8	..	.28	3	..	.14	4	..	.25	7
8	1	..	.03	7	..	.27	3	..	.15	3	..	.20	8
9	1	..	.03	6	1	.26	1	..	.06	..	..	..	9
10	1	..	.04	3	2	.14	1	1	.06	..	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	152	3	2.15	80	1	1.76	33	..	98	47	2	1.93	1-5
6-24	18	1	.47	33	3	1.24	12	2	.58	12	1	.73	6-24

SYNOPSIS

Ages at Entry		15-29				30-39				40-49			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immense Years
1	1383	8	4.70	170	1191	3	4.62	65	646	1	3.45	29	1
2	934	6	4.24	142	862	6	4.29	140	454	13	3.31	393	2
3	803	3	3.73	80	738	2	3.77	53	383	5	3.03	165	3
4	695	5	3.30	152	642	8	3.41	235	322	5	2.78	180	4
5	596	5	2.89	175	541	2	2.98	67	283	4	2.62	153	5
1-5	4411	27	18.86	143	3974	21	19.07	110	2088	28	15.17	185	1-5
6-7	840	6	4.10	146	776	5	4.49	111	422	4	4.32	93	6-7
8-10	637	1	3.19	31	649	9	4.15	217	305	5	3.82	131	8-10
11-15	453	3	2.42	124	478	6	3.88	155	176	5	2.92	171	11-15
16-24	166	3	1.11	270	190	1	2.19	46	31	1	.66	152	16-24
1-24	6507	40	29.68	135	6067	42	33.78	124	3022	43	26.89	160	1-24

Ages at Entry		50-59				60 and over				All Ages at Entry			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immense Years
1	169	..	1.84	..	23	..	.57	..	3412	17	15.16	79	1
2	114	3	1.66	181	17	1	.61	164	2381	29	14.11	206	2
3	97	..	1.60	..	16	..	.67	..	2037	10	12.80	78	3
4	86	6	1.55	387	15	..	.55	..	1758	24	11.59	207	4
5	66	1	1.29	78	11	1	.51	196	1497	13	10.29	126	5
1-5	532	10	7.94	126	80	2	2.91	69	11085	88	63.95	138	1-5
6-7	90	1	1.99	50	16	2	84	238	2144	18	13.74	114	6-7
8-10	48	3	1.41	215	8	1	47	213	1647	19	13.04	146	8-10
11-15	13	1	.41	244	..	..	..	..	1120	15	9.63	156	11-15
16-24	..	..	..	..	..	..	..	..	387	5	3.96	126	16-24
1-24	683	15	11.75	128	104	5	4.22	118	16383	145	106.32	136	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
GEORGIA, SEACOAST COUNTIES

Ages at Entry				20-24				25-29				30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	83	..	.26	545	3	1.80	774	3	2.71	730	4	2.70	1	2.70	1
2	47	..	.20	345	1	1.55	526	4	2.42	527	2	2.53	2	2.53	2
3	36	..	.16	281	..	1.29	445	5	2.09	446	5	2.19	3	2.19	3
4	30	..	.14	232	1	1.09	385	4	1.85	367	3	1.84	4	1.84	4
5	27	..	.12	196	3	.94	318	1	1.56	294	3	1.53	5	1.53	5
6	24	..	.11	168	..	.81	273	4	1.34	265	2	1.40	6	1.40	6
7	17	..	.08	137	..	.67	230	2	1.15	220	2	1.19	7	1.19	7
8	16	1	.08	120	..	.59	192	1	.96	183	1	1.01	8	1.01	8
9	10	..	.05	107	2	.52	173	4	.88	153	1	.87	9	.87	9
10	9	..	.04	86	1	.42	141	2	.73	125	..	.74	10	.74	10
11	6	..	.03	60	2	.30	106	..	.56	101	..	.63	11	.63	11
12	5	..	.02	45	..	.23	85	2	.46	82	2	.54	12	.54	12
13	4	..	.02	41	..	.21	69	..	.35	59	..	.41	13	.41	13
14	3	..	.01	32	..	.17	49	..	.28	52	1	.39	14	.39	14
15	3	..	.01	25	..	.13	42	1	.25	36	..	.29	15	.29	15
16	1	..	.01	17	..	.09	27	1	.17	23	..	.20	16	.20	16
17	1	..	.01	13	..	.07	18	..	.12	18	..	.16	17	.16	17
18	1	..	.01	7	..	.04	15	..	.11	14	..	.14	18	.14	18
19	1	..	.01	5	..	.03	15	..	.10	13	..	.14	19	.14	19
20	1	..	.01	3	..	.02	10	..	.08	9	..	.10	20	.10	20
21	1	..	.01	1	..	.01	5	..	.04	6	..	.08	21	.08	21
22	..	..	..	..	..	..	1	..	.01	4	..	.05	22	.05	22
23	..	..	..	..	..	..	..	..	..	2	..	.03	23	.03	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	223	..	.88	1599	8	6.67	2448	17	10.63	2364	16	10.79	1-5	10.79	1-5
6-24	103	1	.51	867	5	4.31	1443	17	7.59	1365	9	8.37	6-24	8.37	6-24

Ages at Entry				45-49				50-54				55-59			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	823	4	3.53	371	2	1.74	229	1	1.42	118	1	1.07	1	1.07	1
2	438	2	2.26	237	4	.64	154	3	1.32	76	2	.93	2	.93	2
3	366	3	1.97	217	2	.50	123	1	1.15	64	4	.88	3	.88	3
4	297	1	1.65	175	3	.34	104	2	1.15	49	..	.74	4	.74	4
5	232	..	1.49	151	4	.21	89	1	1.01	41	2	.87	5	.87	5
6	215	2	1.33	129	2	1.06	68	2	.83	35	3	.81	6	.81	6
7	194	1	1.28	112	3	1.07	52	2	.64	38	1	.58	7	.58	7
8	170	3	1.19	94	2	.97	43	3	.60	22	2	.45	8	.45	8
9	149	2	1.17	81	2	.86	34	..	.52	14	1	.37	9	.37	9
10	123	..	.98	66	2	.76	26	1	.47	12	4	.30	10	.30	10
11	100	..	.85	51	2	.61	24	1	.43	6	..	.16	11	.16	11
12	85	..	.77	36	..	.53	15	..	.35	5	..	.15	12	.15	12
13	69	1	.64	30	..	.41	15	1	.32	4	..	.13	13	.13	13
14	52	1	.55	23	..	.36	12	..	.28	4	..	.15	14	.15	14
15	34	..	.39	19	..	.37	11	1	.26	3	..	.15	15	.15	15
16	22	..	.29	12	..	.27	9	1	.23	2	..	.06	16	.06	16
17	15	..	.18	9	..	.18	6	1	.19	3	..	.10	17	.10	17
18	9	..	.13	6	..	.15	5	1	.17	2	..	.11	18	.11	18
19	8	1	.13	5	..	.12	3	..	.11	2	..	.12	19	.12	19
20	3	..	.09	2	..	.05	3	..	.13	2	..	.15	20	.15	20
21	3	..	.06	2	..	.06	3	..	.14	2	..	.14	21	.14	21
22	1	..	.02	2	..	.06	1	..	.05	2	..	.12	22	.12	22
23	1	1	.02	2	..	.07	1	..	.06	2	..	.10	23	.10	23
24	..	..	..	..	..	..	1	..	.06	..	..	..	24	..	24
1-5	1972	10	9.66	1173	13	7.43	692	8	6.08	348	9	6.31	1-5	6.31	1-5
6-24	1250	10	10.67	682	12	7.85	530	14	5.95	149	11	5.95	6-24	5.95	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
GEORGIA, SEACOAST COUNTIES

54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	57	3	.70	40	1	.64	23	..	.47	14	..	.40	1
2	37	1	.58	31	2	.63	18	..	.50	8	..	.36	2
3	30	..	.55	23	2	.55	11	1	.35	6	3	.33	3
4	27	..	.54	21	1	.55	7	1	.25	3	..	.20	4
5	23	..	.50	13	1	.38	4	1	.16	3	..	.21	5
6	22	..	.53	12	..	.39	2	..	.09	2	..	.16	6
7	20	..	.53	10	..	.35	2	..	.09	2	..	.18	7
8	18	..	.52	8	..	.31	2	..	.10	2	..	.18	8
9	14	..	.45	7	2	.30	2	..	.11	1	..	.09	9
10	14	..	.50	3	..	.14	2	..	.12	1	1	.10	10
11	9	1	.55	1	..	.05	1	1	.07	..	..	..	11
12	7	..	.50	1	..	.06	..	..	..	..	..	..	12
13	7	1	.53	1	..	.06	..	..	..	..	..	..	13
14	4	..	.21	1	..	.07	..	..	..	..	..	..	14
15	4	..	.23	1	..	.07	..	..	..	..	..	..	15
16	4	..	.25	..	..	..	..	..	..	..	..	..	16
17	4	..	.27	..	..	..	..	..	..	..	..	..	17
18	5	..	.22	..	..	..	..	..	..	..	..	..	18
19	2	..	.16	..	..	..	..	..	..	..	..	..	19
20	2	..	.17	..	..	..	..	..	..	..	..	..	20
21	2	..	.18	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	174	4	2.87	128	7	2.75	63	3	1.73	34	3	1.50	1-5
6-24	136	2	5.20	45	2	1.80	11	1	.58	8	1	.71	6-24

SYNOPSIS

33-39					39-39				40-49				Insur- ance Years
Ages at Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	1402	6	4.37	126	1353	8	5.25	152	595	3	3.17	95	1
2	918	5	4.17	120	962	4	4.79	84	407	7	2.96	236	2
3	762	5	3.54	141	811	8	4.16	192	342	3	2.69	112	3
4	647	5	3.08	162	664	3	3.33	83	288	5	2.47	202	4
5	541	4	2.62	153	546	3	3.02	99	240	5	2.22	225	5
1-5	4270	23	18.18	158	4336	26	20.75	125	1872	23	13.51	170	1-5
6-7	849	6	4.16	144	894	7	5.20	135	357	8	3.60	222	6-7
8-10	854	11	4.27	258	903	3	3.91	85	345	10	4.13	242	8-10
11-15	569	5	3.03	165	666	5	3.46	97	242	3	3.95	127	11-15
16-24	141	1	.95	105	152	2	1.82	116	74	3	2.10	143	16-24
1-24	6683	48	30.59	157	6951	45	39.16	115	2890	49	27.29	180	1-24

50-59					60 and over				All Ages at Entry				Insur- ance Years
Ages at Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	215	5	2.41	207	37	..	.87	..	3602	22	16.47	134	1
2	144	5	2.16	251	26	..	.86	..	2457	21	14.94	141	2
3	117	6	1.98	303	17	4	.68	588	2049	26	13.05	199	3
4	97	1	1.83	55	10	1	.45	227	1706	15	11.36	132	4
5	77	3	1.55	194	7	1	.37	270	1411	16	9.78	164	5
1-5	650	20	9.93	201	97	6	3.23	186	11225	100	65.60	152	1-5
6-7	127	4	2.94	136	8	..	.52	..	2235	23	16.42	152	6-7
8-10	112	9	3.29	274	10	1	.70	143	2224	36	18.30	197	8-10
11-15	58	2	2.44	82	1	1	.07	1429	1536	18	14.93	120	11-15
16-24	33	..	2.25	..	..	..	..	..	400	6	7.12	84	16-24
1-24	980	35	20.85	168	116	8	4.52	127	17620	185	122.39	151	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry				20-24			25-29			30-34			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	542	..	1.68	3218	19	10.62	4424	20	15.48	4273	27	15.81	1
2	318	..	1.37	1882	6	8.47	2692	12	12.38	2676	28	12.84	2
3	259	..	1.17	1552	11	7.14	2217	12	10.42	2234	15	10.95	3
4	200	..	.92	1276	6	6.09	1873	6	8.99	1902	21	9.51	4
5	155	1	.71	1056	6	5.07	1585	13	7.77	1699	16	8.37	5
6	122	1	.57	876	6	4.29	1325	7	6.49	1358	9	7.70	6
7	95	..	.45	741	6	3.63	1153	7	5.77	1165	12	6.39	7
8	82	2	.39	616	..	3.02	986	5	4.93	987	12	5.43	8
9	51	..	.24	511	1	2.30	823	8	4.20	845	6	4.82	9
10	42	..	.20	419	2	2.05	674	4	3.50	702	7	4.14	10
11	34	..	.16	341	4	1.71	555	8	2.94	588	2	3.65	11
12	30	..	.15	293	3	1.47	466	5	2.52	519	3	3.43	12
13	25	..	.12	250	..	1.28	406	5	2.23	460	3	3.27	13
14	23	..	.11	201	1	1.05	347	2	1.98	401	6	3.01	14
15	19	..	.09	172	..	.91	299	4	1.76	344	1	2.75	15
16	12	..	.06	140	1	.76	243	..	1.51	288	8	2.45	16
17	9	..	.05	95	2	.52	193	1	1.27	219	5	1.99	17
18	9	..	.05	75	..	.42	155	1	1.09	162	1	1.59	18
19	5	..	.03	58	2	.34	118	3	.89	124	2	1.31	19
20	3	..	.02	44	2	.27	79	3	.63	80	1	.92	20
21	..	..	..	17	..	.11	35	..	.30	38	1	.48	21
22	..	..	..	6	..	.04	20	..	.18	22	1	.36	22
23	..	..	..	3	..	.02	9	..	.09	8	..	.12	23
24	..	..	..	2	..	.02	1	..	.01	3	..	.05	24
1-5	1474	5	5.85	8984	46	37.30	12791	63	55.04	12694	107	57.48	1-5
6-24	561	3	2.69	4860	30	24.32	7887	63	42.29	8313	80	53.15	6-24

Ages at Entry				35-39			40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	3540	20	14.51	2685	18	12.62	1812	16	11.60	919	9	8.36				1
2	2237	16	11.63	1709	16	10.94	1102	13	9.70	567	10	7.09				2
3	1877	20	10.14	1434	17	9.89	926	7	8.80	488	5	6.73				3
4	1573	14	8.97	1220	11	9.15	773	7	8.06	432	8	6.48				4
5	1336	12	7.88	1045	10	8.36	678	7	7.66	348	7	5.67				5
6	1150	10	7.13	881	4	7.49	563	13	6.89	299	5	5.23				6
7	987	12	6.51	762	9	6.93	470	11	6.20	234	6	4.83				7
8	844	6	5.91	623	4	6.11	389	9	5.36	210	5	4.33				8
9	710	9	5.33	505	6	5.35	302	5	4.63	171	3	3.85				9
10	601	3	4.81	421	7	4.84	246	6	4.11	129	5	3.19				10
11	493	..	4.19	356	8	4.45	184	7	3.33	105	3	2.86				11
12	423	2	3.83	296	4	4.00	148	5	2.90	76	2	2.28				12
13	355	5	3.48	230	4	3.65	130	1	2.78	61	4	2.02				13
14	290	4	3.07	204	2	3.72	107	3	2.50	48	3	1.75				14
15	259	4	2.98	170	6	2.91	84	1	2.16	35	..	1.41				15
16	220	3	2.75	139	7	2.57	77	1	2.18	30	4	1.33				16
17	162	6	2.19	105	5	2.11	62	4	1.93	20	1	.97				17
18	120	5	1.73	80	2	1.75	44	..	1.51	16	..	.85				18
19	80	1	1.26	61	1	1.46	28	..	1.06	11	..	.64				19
20	54	..	.92	42	2	1.11	18	1	.75	5	..	.32				20
21	28	3	.52	20	1	.58	10	1	.46	..	..	..				21
22	17	..	.34	10	1	.32	6	1	.30	..	..	..				22
23	7	..	.15	3	..	.11	4	1	.22	..	..	..				23
24	3	..	.07	..	..	..	2	1	.12	..	..	..				24
1-5	10563	82	53.13	8093	72	50.96	5293	52	45.82	2734	39	34.33				1-5
6-24	6803	73	57.21	4928	73	58.96	2876	71	49.61	1470	41	35.86				6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry		54-56		57-59			60-62			63 and over			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years
1	437	6	5.33	299	9	4.78	146	4	2.99	87	4	2.43	1
2	271	7	4.28	208	6	4.24	95	3	2.61	59	3	2.45	2
3	226	9	4.14	172	4	4.13	83	2	2.66	53	2	2.65	3
4	190	2	3.82	143	6	3.78	71	3	2.51	45	2	2.48	4
5	156	4	3.42	118	3	3.43	57	2	2.22	36	..	2.20	5
6	130	3	3.12	98	3	3.15	47	..	2.02	29	..	1.91	6
7	107	3	2.82	85	2	3.01	44	2	2.07	23	4	1.79	7
8	85	6	2.47	71	4	2.77	38	6	1.96	19	4	1.50	8
9	66	1	2.12	62	3	2.66	28	3	1.58	14	1	1.18	9
10	54	2	1.91	50	..	2.36	19	..	1.17	11	..	1.01	10
11	37	1	1.44	42	4	2.17	12	1	.80	7	..	.68	11
12	30	2	1.29	31	4	1.75	9	..	.65	7	..	.75	12
13	26	2	1.22	22	4	1.36	7	1	.55	4	..	.48	13
14	20	..	1.03	13	3	.87	3	..	.25	3	2	.41	14
15	18	4	1.02	8	..	.58	3	1	.28	1	..	.15	15
16	12	2	.74	6	..	.47	1	..	.10	1	..	.16	16
17	9	..	.66	5	2	.42	1	..	.11	1	..	.17	17
18	4	1	.29	2	..	.18	1	..	.12	1	..	.19	18
19	2	..	.16	2	..	.20	1	..	.13	1	..	.20	19
20	2	1	.17	1	1	.11	1	..	.14	1	..	.22	20
21	1	1	.09	..	..	..	1	..	.15	..	..	..	21
22	..	..	..	..	..	..	1	..	.16	..	..	..	22
23	..	..	..	..	..	..	1	..	.17	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1280	28	20.99	940	28	20.36	452	14	12.99	280	11	12.21	1-5
6-24	603	29	20.49	498	30	22.06	218	14	12.41	125	11	10.80	6-24

SYNOPSIS

Ages at Entry		15-29				30-39				40-49			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immense Years
1	8184	39	27.78	140	7813	47	30.32	155	4497	34	24.22	140	1
2	4892	20	22.22	90	4913	44	24.47	180	2811	31	20.64	150	2
3	4028	23	18.73	123	4111	35	21.09	166	2360	24	18.69	128	3
4	3349	14	15.91	88	3475	35	18.48	189	1995	18	17.21	103	4
5	2796	18	13.55	133	2945	28	16.25	172	1723	17	16.02	106	5
1-5	25749	114	98.19	116	23257	189	110.61	171	13386	124	96.78	128	1-5
6-7	4312	27	21.11	128	4660	43	27.13	158	2678	37	27.51	134	6-7
8-10	4204	22	21.03	105	4689	45	30.44	141	2486	37	30.62	121	8-10
11-15	3461	32	18.48	173	4132	30	33.63	89	1929	41	31.90	129	11-15
16-24	1331	15	8.68	173	1635	37	19.16	193	711	29	18.54	156	16-24
1-24	36537	210	167.49	125	38373	342	220.97	155	21190	268	205.35	131	1-24

Ages at Entry		50-59				60 and over				All Ages at Entry			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immense Years
1	1655	24	18.47	130	233	8	5.42	148	22382	152	106.21	143	1
2	1046	23	15.61	147	154	6	5.06	119	13816	124	88.00	141	2
3	886	18	15.00	120	136	4	5.31	75	11521	104	78.82	132	3
4	765	16	14.08	114	116	5	4.99	100	9700	88	70.67	125	4
5	622	14	12.52	112	93	2	4.42	85	8179	79	62.76	126	5
1-5	4974	95	75.68	128	732	25	25.20	99	65598	547	406.46	135	1-5
6-7	973	22	22.16	99	145	6	7.79	77	12768	135	105.70	128	6-7
8-10	898	29	25.66	113	129	14	8.40	167	12408	145	116.15	125	8-10
11-15	572	36	23.05	156	56	5	5.00	100	10150	144	112.06	129	11-15
16-24	128	13	7.54	172	13	..	2.02	..	3818	94	55.94	168	16-24
1-24	7545	193	154.09	127	1075	50	48.41	105	104740	1065	796.31	134	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
LOUISIANA, GULF COUNTIES

Ages at Entry			15-19			20-24			25-29			30-34				
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years
1	218	2	.68	1025	3	3.38	1466	8	5.13	1392	11	5.15				1
2	130	..	.56	599	5	2.70	941	4	4.33	922	4	4.43				2
3	110	..	.50	496	1	2.28	785	5	3.69	795	8	3.90				3
4	87	..	.40	378	..	1.78	648	3	3.11	669	2	3.35				4
5	73	1	.34	319	2	1.53	561	3	2.75	595	5	3.05				5
6	49	..	.23	268	3	1.29	492	3	2.41	514	5	2.72				6
7	31	..	.15	232	1	1.14	428	2	2.13	419	7	2.26				7
8	24	..	.11	193	2	.95	370	1	1.85	343	1	1.89				8
9	22	..	.11	157	1	.77	335	2	1.71	277	4	1.58				9
10	18	1	.09	133	1	.65	270	2	1.40	232	2	1.37				10
11	14	..	.07	106	..	.53	220	3	1.17	182	..	1.13				11
12	11	..	.05	88	..	.44	183	1	.99	152	1	1.00				12
13	7	..	.03	62	1	.37	147	..	.81	127	1	.89				13
14	4	..	.02	46	1	.24	121	1	.69	106	1	.80				14
15	3	..	.01	31	1	.16	91	5	.54	90	2	.72				15
16	2	..	.01	18	..	.10	61	..	.38	74	1	.63				16
17	1	..	.01	14	..	.08	44	1	.29	59	..	.54				17
18	1	..	.01	10	..	.06	31	..	.22	44	1	.43				18
19	1	..	.01	7	..	.04	20	1	.15	31	..	.33				19
20	1	..	.01	5	..	.03	13	..	.10	19	..	.22				20
21	..	..	..	2	..	.01	4	..	.03	4	..	.03				21
22	..	..	..	1	..	.01	..	..	..	..	..	..				22
23	..	..	..	..	..	..	..	..	..	..	..	..				23
24	..	..	..	..	..	..	..	..	..	..	..	..				24
1-5	618	3	2.48	2817	11	11.67	4401	23	19.01	4373	30	19.92	1-5			
6-24	189	1	.97	1373	11	6.82	2822	22	14.87	2673	26	16.56	6-24			

Ages at Entry			35-39			40-44			45-49			50-53			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Immense Years
1	1142	4	4.68	894	6	3.78	475	6	3.04	245	3	2.23			1
2	770	8	4.06	549	1	3.51	305	4	2.68	159	2	1.95			2
3	655	7	3.54	492	9	3.39	261	7	2.48	133	1	1.84			3
4	517	7	2.95	404	3	3.03	211	4	2.19	112	2	1.68			4
5	460	6	2.71	353	2	2.82	180	1	2.03	101	1	1.65			5
6	394	5	2.44	311	2	2.64	153	2	1.87	81	1	1.47			6
7	346	2	2.28	273	4	2.48	138	..	1.82	75	3	1.43			7
8	303	4	2.12	225	3	2.21	116	5	1.66	68	4	1.40			8
9	266	3	2.00	173	2	1.83	94	1	1.45	58	2	1.31			9
10	228	3	1.82	137	2	1.58	78	1	1.30	44	3	1.05			10
11	173	..	1.47	111	2	1.39	60	1	1.09	28	1	.76			11
12	156	2	1.42	87	1	1.17	52	6	1.02	23	1	.66			12
13	119	5	1.17	70	3	1.02	38	2	.81	19	1	.63			13
14	87	2	.92	53	1	.84	27	2	.63	13	1	.47			14
15	67	2	.77	42	1	.72	21	..	.54	9	..	.36			15
16	52	..	.65	26	1	.48	13	1	.37	5	..	.22			16
17	47	..	.63	19	1	.38	6	..	.19	5	2	.24			17
18	36	1	.53	13	1	.28	5	..	.17	3	..	.16			18
19	23	..	.36	9	1	.22	5	1	.19	1	..	.06			19
20	13	..	.22	8	..	.21	2	..	.08	1	..	.06			20
21	4	..	.07	3	..	.09	..	..	..	..	..	..			21
22	..	..	..	1	..	.03	..	..	..	..	..	..			22
23	..	..	..	..	..	..	..	..	..	..	..	..			23
24	..	..	..	..	..	..	..	..	..	..	..	..			24
1-5	3344	32	17.88	2602	21	16.53	1432	22	12.42	750	9	9.39	1-5		
6-24	2314	29	18.87	1561	23	17.57	808	22	13.19	433	19	10.30	6-24		

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
LOUISIANA, GULF COUNTIES

Ages at Entry				45-49				50-54				45 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	124	3	1.53	62	1	.99	28	2	.57	18	1	.47	1	.47	1
2	83	4	1.34	36	..	.73	23	1	.63	9	..	.57	2	.57	2
3	74	2	1.35	30	..	.72	18	..	.58	8	1	.38	3	.38	3
4	65	..	1.21	26	..	.69	18	..	.64	7	..	.38	4	.38	4
5	54	..	1.18	28	2	.73	14	..	.62	6	..	.54	5	.54	5
6	47	1	1.13	27	2	.71	15	..	.64	5	..	.51	6	.51	6
7	40	2	1.04	20	2	.71	13	..	.61	4	..	.28	7	.28	7
8	34	1	.95	16	1	.62	12	..	.62	4	..	.30	8	.30	8
9	27	3	.82	13	2	.56	9	..	.51	4	1	.37	9	.37	9
10	20	1	.71	9	..	.42	6	..	.37	1	..	.09	10	.09	10
11	17	1	.66	8	..	.28	4	..	.27	1	..	.08	11	.08	11
12	12	..	.51	2	..	.11	4	..	.29	1	..	.06	12	.06	12
13	5	..	.42	..	..	..	3	..	.23	1	..	.10	13	.10	13
14	1	..	.31	..	..	..	2	..	.17	1	..	.11	14	.11	14
15	1	..	.24	..	..	..	2	..	.18	..	..	..	15	..	15
16	4	..	.25	..	..	..	..	..	..	..	..	..	16	..	16
17	4	..	.27	..	..	..	..	..	..	..	..	..	17	..	17
18	3	..	.22	..	..	..	..	..	..	..	..	..	18	..	18
19	2	..	.16	..	..	..	..	..	..	..	..	..	19	..	19
20	1	..	.48	..	..	..	..	..	..	..	..	..	20	..	20
21	3	..	.69	..	..	..	..	..	..	..	..	..	21	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	402	9	4.69	179	3	3.86	103	4	3.04	48	2	1.94	1-5	1.94	1-5
6-24	234	10	3.04	87	7	3.39	70	1	3.89	22	1	1.67	6-24	1.67	6-24

SYNOPSIS

Ages at Entry					45-49					50-54				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	2709	13	9.19	141	2334	15	9.83	133	1279	12	6.62	176	1	1
2	1670	9	7.59	119	1692	12	8.43	142	854	5	6.19	81	2	2
3	1391	6	6.47	93	1430	13	7.44	202	753	16	5.87	273	3	3
4	1113	3	5.29	37	1186	9	6.30	143	615	7	5.27	134	4	4
5	953	6	4.62	130	1055	11	5.80	190	533	3	4.83	62	5	5
1-5	7816	37	33.16	112	7917	62	37.80	164	4034	43	28.95	149	1-5	1-5
6-7	1497	9	7.35	122	1673	19	9.70	196	875	8	8.81	91	6-7	6-7
8-10	1522	10	7.64	131	1649	17	10.78	158	823	14	10.03	140	8-10	8-10
11-15	1134	13	6.07	214	1259	16	10.29	155	561	19	9.25	206	11-15	11-15
16-24	236	2	1.55	129	406	3	4.66	64	116	6	2.69	223	16-24	16-24
1-24	12223	71	55.77	127	12904	117	75.23	160	6403	90	59.71	151	1-24	1-24

Ages at Entry					45 and over					All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	431	7	4.73	148	46	3	1.06	283	6999	50	31.63	155	1	1
2	280	6	4.06	148	32	1	1.00	105	4528	33	27.27	121	2	2
3	237	3	3.91	77	26	1	.96	104	3857	41	24.65	166	3	3
4	203	2	3.68	54	25	1	1.02	98	3142	22	21.51	107	4	4
5	180	3	3.56	84	22	..	.96	..	2743	23	19.79	116	5	5
1-5	1331	21	19.94	105	151	6	5.00	120	21269	169	124.85	133	1-5	1-5
6-7	286	12	6.48	185	37	1	1.84	54	4368	49	34.18	143	6-7	6-7
8-10	289	17	7.97	213	36	1	2.20	45	4319	59	38.67	153	8-10	8-10
11-15	149	5	5.52	91	19	..	1.52	..	3122	53	32.63	162	11-15	11-15
16-24	30	2	1.81	110	..	..	..	..	782	13	10.71	121	16-24	16-24
1-24	2083	57	41.72	137	243	8	10.56	76	33860	343	240.99	142	1-24	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
LOUISIANA, OTHER THAN GULF COUNTIES

Ages at Entry		15-19		20-24			25-29			30-34			Inter- state Years
Inter- state Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	316	2	.98	1305	8	4.31	1585	12	5.55	1484	12	5.49	1
2	222	2	.95	838	5	3.77	1049	6	4.83	1056	6	5.07	2
3	186	1	.84	707	3	3.25	892	7	4.19	880	8	4.31	3
4	140	..	.64	583	4	2.74	742	7	3.56	751	10	3.76	4
5	107	1	.49	486	2	2.33	614	6	3.02	640	7	3.33	5
6	79	1	.57	376	3	1.80	482	7	2.36	520	8	2.76	6
7	61	..	.29	282	..	1.38	386	2	1.93	421	2	2.27	7
8	42	..	.20	217	1	1.06	316	7	1.58	343	4	1.89	8
9	23	..	.11	164	1	.80	236	3	1.20	254	1	1.45	9
10	12	..	.06	107	1	.52	172	3	.89	195	3	1.15	10
11	8	..	.04	85	1	.43	125	3	.66	156	3	.97	11
12	8	..	.04	73	1	.37	103	2	.56	137	1	.90	12
13	5	..	.02	61	1	.31	78	1	.43	116	2	.81	13
14	2	..	.01	49	..	.25	59	..	.34	99	1	.74	14
15	..	..	..	35	..	.19	50	..	.30	82	..	.66	15
16	..	..	..	24	1	.13	38	..	.24	72	..	.61	16
17	..	..	..	18	..	.10	32	..	.21	60	1	.55	17
18	..	..	..	10	..	.06	19	..	.13	41	..	.40	18
19	..	..	..	7	..	.04	15	..	.11	33	..	.35	19
20	..	..	..	4	1	.04	7	..	.06	18	2	.21	20
21	..	..	..	2	..	.01	5	..	.04	10	..	.13	21
22	..	..	..	1	..	.01	2	..	.02	3	..	.04	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	971	6	3.90	3919	22	16.40	4884	38	21.15	4811	38	21.96	1-5
6-24	240	1	1.14	1517	11	7.50	2125	28	11.06	2560	28	15.89	6-24

Ages at Entry		35-39			40-44			45-49			50-53			
Inter- state Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Inter- state Years	
1	1079	5	4.42	825	8	3.88	530	8	3.39	216	4	1.97	1	
2	781	10	4.06	596	4	3.81	359	9	3.16	151	1	1.89	2	
3	660	3	3.56	517	3	3.57	302	4	2.87	124	1	1.71	3	
4	557	2	3.17	451	6	3.38	259	2	2.69	109	2	1.64	4	
5	472	4	2.78	399	6	3.19	223	6	2.52	96	4	1.56	5	
6	383	2	2.39	323	4	2.75	176	3	2.15	70	2	1.23	6	
7	324	5	2.14	271	9	2.47	142	5	1.87	60	2	1.14	7	
8	251	2	1.76	207	5	2.03	106	2	1.52	46	2	.95	8	
9	204	1	1.53	156	3	1.65	75	2	1.16	28	2	.63	9	
10	168	1	1.34	123	..	1.41	56	1	.94	19	1	.47	10	
11	132	1	1.12	95	2	1.19	48	3	.87	14	..	.38	11	
12	115	1	1.05	79	..	1.07	42	..	.82	12	1	.36	12	
13	89	2	.87	68	1	.99	30	..	.64	7	1	.23	13	
14	72	1	.76	50	1	.79	26	2	.61	6	..	.22	14	
15	62	2	.71	44	..	.75	22	1	.57	5	..	.20	15	
16	51	1	.64	35	1	.65	20	2	.57	5	2	.22	16	
17	40	1	.54	25	1	.50	17	1	.53	3	1	.15	17	
18	32	..	.47	22	..	.48	8	..	.28	2	..	.11	18	
19	23	..	.36	16	1	.38	6	1	.23	2	..	.12	19	
20	14	..	.24	11	..	.29	4	..	.17	2	..	.13	20	
21	4	..	.07	3	..	.09	2	..	.09	1	..	.07	21	
22	..	..	..	3	..	.10	..	..	..	..	..	..	22	
23	..	..	..	..	..	..	..	..	..	..	..	..	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	3549	24	17.99	2788	27	17.83	1673	29	14.63	696	12	8.77	1-5	
6-24	1966	20	15.99	1531	28	17.59	780	23	13.02	282	14	6.61	6-24	

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
LOUISIANA, OTHER THAN GULF COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	93	2	1.13	43	2	.69	26	1	.53	16	2	.49	1			1
2	68	..	1.07	33	..	.67	17	2	.47	10	3	.45	2			2
3	57	..	1.04	29	1	.70	11	..	.35	6	..	.33	3			3
4	47	..	.94	27	2	.71	6	..	.21	6	1	.35	4			4
5	42	..	.92	24	2	.70	5	1	.20	5	..	.30	5			5
6	37	2	.89	18	2	.58	4	..	.17	4	..	.27	6			6
7	25	..	.66	12	..	.42	4	..	.19	3	..	.24	7			7
8	17	..	.49	11	1	.43	3	..	.15	1	..	.07	8			8
9	13	2	.47	9	..	.39	2	..	.11	1	..	.07	9			9
10	10	2	.35	5	1	.24	2	..	.12	1	..	.06	10			10
11	5	..	.20	3	..	.15	1	..	.07	..	..	..	11			11
12	4	..	.17	2	..	.11	1	..	.07	..	..	..	12			12
13	2	..	.09	1	..	.06	1	..	.08	..	..	..	13			13
14	1	..	.05	1	..	.07	1	..	.08	..	..	..	14			14
15	1	..	.06	1	..	.07	1	..	.09	..	..	..	15			15
16	1	1	.06	..	..	..	1	..	.10	..	..	..	16			16
17	..	..	..	..	..	..	1	..	.11	..	..	..	17			17
18	..	..	..	..	..	..	1	..	.12	..	..	..	18			18
19	..	..	..	..	..	..	1	..	.13	..	..	..	19			19
20	..	..	..	..	..	..	1	..	.14	..	..	..	20			20
21	..	..	..	..	..	..	..	..	..	..	..	..	21			21
22	..	..	..	..	..	..	..	..	..	..	..	..	22			22
23	..	..	..	..	..	..	..	..	..	..	..	..	23			23
24	..	..	..	..	..	..	..	..	..	..	..	..	24			24
1-5	307	2	5.10	156	7	3.47	65	4	1.76	43	6	1.92	1-5			1-5
6-24	116	7	3.44	63	4	2.52	25	..	1.73	10	..	.73	6-24			6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	3206	22	10.84	203	2563	17	9.91	172	1355	16	7.27	220	1
2	2109	13	9.55	136	1837	10	9.13	175	953	13	6.97	187	2
3	1785	11	8.28	133	1540	11	7.87	140	819	7	6.44	109	3
4	1465	11	6.94	159	1308	12	6.93	173	710	8	6.07	137	4
5	1209	9	5.84	154	1112	6	6.11	98	622	12	5.71	210	5
1-5	9774	66	41.45	159	8360	62	39.95	155	4461	56	32.46	173	1-5
6-7	1666	13	8.13	160	1650	17	9.56	178	912	21	9.24	227	6-7
8-10	1289	16	6.42	249	1415	12	9.12	137	723	13	8.71	149	8-10
11-15	741	9	3.95	228	1060	14	8.59	163	504	10	8.30	120	11-15
16-24	186	2	1.20	167	401	5	4.61	108	172	7	4.36	161	16-24
1-24	13656	106	61.15	173	12886	110	71.83	153	6772	107	63.07	170	1-24

Ages at Entry				60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	352	8	3.79	211	42	3	1.02	294	7518	66	32.83	201
2	252	1	3.63	28	27	5	.92	543	5180	48	30.20	159
3	210	2	3.45	58	17	..	.68	..	4371	31	26.72	116
4	183	4	3.29	122	12	1	.56	179	3678	36	23.79	151
5	162	6	3.18	189	10	1	.50	200	3115	34	21.34	159
1-5	1159	21	17.34	121	108	10	3.68	272	23862	215	134.88	159
6-7	222	8	4.92	163	15	..	.87	..	4465	59	32.72	180
8-10	138	11	4.37	252	10	..	.60	..	3395	52	29.22	178
11-15	65	2	2.42	83	5	..	.39	..	2375	35	23.65	148
16-24	16	4	.86	465	5	..	.60	..	780	18	11.63	155
1-24	1670	46	29.91	154	143	10	6.14	163	35077	379	232.10	163

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
MISSISSIPPI, GULF AND DELTA COUNTIES

Ages at Entry		15-19			20-24			25-29			30-34			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years	
1	76	..	.24	433	1	1.43	612	5	2.14	636	2	2.35	1	
2	45	..	.19	277	6	1.25	403	4	1.85	470	4	2.02	2	
3	38	..	.17	231	..	1.06	329	1	1.55	351	6	1.72	3	
4	29	..	.13	190	2	.89	273	2	1.31	296	4	1.48	4	
5	24	..	.11	146	..	.70	207	1	1.01	225	4	1.17	5	
6	15	..	.07	111	2	.53	151	1	.74	172	1	.91	6	
7	14	..	.07	91	1	.45	129	4	.65	147	1	.79	7	
8	11	..	.05	72	1	.35	105	..	.53	125	2	.69	8	
9	7	..	.03	55	..	.27	85	..	.43	99	1	.56	9	
10	5	..	.02	42	..	.21	73	1	.38	82	1	.48	10	
11	4	..	.02	35	1	.18	62	1	.33	67	1	.42	11	
12	4	..	.02	33	..	.17	57	..	.31	63	..	.42	12	
13	4	..	.02	25	..	.13	49	..	.27	57	..	.40	13	
14	3	..	.01	18	..	.09	38	..	.22	39	1	.29	14	
15	2	..	.01	14	..	.07	31	..	.18	27	1	.22	15	
16	..	..	..	11	..	.06	26	..	.16	18	..	.15	16	
17	..	..	..	7	..	.04	23	..	.15	17	..	.15	17	
18	..	..	..	4	..	.02	20	1	.14	10	1	.10	18	
19	..	..	..	4	..	.02	15	1	.11	5	..	.05	19	
20	..	..	..	4	..	.02	12	1	.10	4	..	.05	20	
21	..	..	..	1	..	.01	3	..	.03	..	..	..	21	
22	..	..	..	..	..	..	..	..	..	..	..	..	22	
23	..	..	..	..	..	..	..	..	..	..	..	..	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	212	..	.84	1277	9	5.33	1824	13	7.86	1928	20	8.74	1-5	
6-24	69	..	.32	527	5	2.62	879	10	4.73	932	10	5.68	6-24	

Ages at Entry		35-39		40-44		45-49		50-54					
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	503	3	7.04	551	3	3.36	250	5	1.51	99	1	.90	1
2	342	2	4.76	290	2	.47	150	..	1.37	64	2	.88	2
3	292	3	3.58	189	3	.30	134	3	1.27	53	2	.76	3
4	239	4	3.36	156	1	.17	115	..	1.16	44	1	.66	4
5	178	2	1.05	124	2	.94	94	2	1.12	31	1	.51	5
6	159	2	.84	101	2	.86	69	..	.78	21	..	.37	6
7	115	..	.70	85	4	.77	58	..	.75	20	1	.58	7
8	103	2	.72	65	1	.62	47	4	.67	18	..	.57	8
9	85	..	.64	49	1	.52	37	3	.57	13	..	.29	9
10	76	..	.61	44	..	.51	29	2	.46	9	1	.22	10
11	60	2	.51	37	1	.46	24	..	.43	7	..	.19	11
12	55	..	.50	36	1	.49	23	1	.45	5	..	.15	12
13	49	1	.48	30	1	.44	19	1	.41	5	..	.17	13
14	41	1	.45	15	12	.28	12	..	.26	3	..	.15	14
15	31	..	.36	13	..	.22	10	..	.24	3	..	.13	15
16	29	1	.31	12	..	.22	6	..	.17	2	..	.04	16
17	26	..	.27	11	..	.22	4	..	.12	1	..	.05	17
18	16	1	.25	8	..	.18	3	..	.10	1	..	.03	18
19	14	..	.22	7	..	.17	3	..	.11	1	..	.04	19
20	10	..	.17	5	..	.13	1	..	.04	1	1	.06	20
21	9	..	.09	3	..	.13	1	..	.05	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1554	15	7.83	1031	13	6.49	738	10	6.45	293	6	3.63	1-5
6-24	834	17	7.11	524	12	6.24	341	11	5.99	119	3	2.68	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
MISSISSIPPI, GULF AND DELTA COUNTIES

Ages at Entry 54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	35	1	.43	26	1	.42	6	..	.12	9	..	.26	1
2	22	..	.35	19	..	.39	5	..	.14	8	..	.33	2
3	14	1	.26	19	2	.46	4	..	.13	7	..	.35	3
4	12	..	.24	16	..	.42	4	..	.14	7	..	.39	4
5	12	..	.26	10	..	.29	4	..	.16	6	1	.34	5
6	7	..	.17	8	..	.26	4	..	.17	4	2	.24	6
7	7	..	.18	7	..	.25	4	..	.19	2	..	.12	7
8	7	..	.20	6	1	.23	4	..	.21	2	..	.13	8
9	6	..	.19	4	..	.17	4	..	.23	2	1	.14	9
10	6	..	.21	3	..	.14	2	..	.12	..	..	..	10
11	6	1	.23	3	..	.15	2	1	.13	..	..	..	11
12	4	1	.17	3	..	.17	1	1	.07	..	..	..	12
13	3	..	.14	2	..	.12	..	..	..	..	..	..	13
14	3	2	.18	1	..	.07	..	..	..	..	..	..	14
15	1	..	.06	1	1	.07	..	..	..	..	..	..	15
16	1	..	.06	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	95	2	1.54	90	3	1.98	23	..	.69	37	1	1.67	1-5
6-24	51	4	1.76	38	2	1.65	21	2	1.12	10	3	.63	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	1121	6	3.81	157	1139	5	4.41	113	567	10	3.07	326	1
2	725	10	3.29	304	767	6	3.80	158	386	2	2.84	70	2
3	598	1	2.78	36	643	9	3.30	273	323	6	2.57	233	3
4	492	4	2.33	172	535	8	2.84	282	269	1	2.35	43	4
5	377	1	1.82	55	403	7	2.22	315	223	4	2.11	190	5
1-5	3313	22	14.03	157	3482	35	16.57	211	1768	23	12.94	178	1-5
6-7	511	8	2.51	319	570	4	3.30	121	308	6	3.18	189	6-7
8-10	435	2	2.27	88	570	8	3.70	216	269	11	3.37	326	8-10
11-15	379	2	2.03	99	489	7	4.03	174	222	6	3.72	161	11-15
16-24	130	3	.86	349	142	3	1.76	170	66	..	1.66	..	16-24
1-24	4788	37	21.70	171	5253	57	29.36	194	2633	46	24.87	185	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	160	3	1.75	171	15	..	.38	..	3002	24	13.42	179	1
2	105	1	1.54	65	13	..	.47	..	1991	19	11.94	159	2
3	88	5	1.48	338	11	..	.48	..	1663	21	10.61	198	3
4	72	1	1.32	76	11	..	.53	..	1379	14	9.37	149	4
5	53	1	1.06	94	10	1	.50	200	1066	14	7.71	182	5
1-5	478	11	7.15	154	60	1	2.36	42	9101	92	53.05	173	1-5
6-7	70	1	1.61	62	14	2	.72	278	1473	21	11.32	186	6-7
8-10	72	2	2.02	99	14	1	.83	120	1380	24	12.19	197	8-10
11-15	50	5	2.07	242	3	2	.20	1000	1143	22	12.05	183	11-15
16-24	7	1	.37	270	..	..	..	..	345	7	4.65	151	16-24
1-24	677	20	13.22	151	91	6	4.11	146	13447	166	93.26	178	1-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
MISSISSIPPI, OTHER THAN GULF AND DELTA COUNTIES

Ages at Entry				25-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	431	2	1.34	1914	17	6.32	2328	7	8.15	2001	14	7.46	1
2	269	1	1.16	1168	13	5.26	1460	10	6.72	1405	10	6.74	2
3	222	1	1.00	965	8	4.44	1232	13	5.79	1171	9	5.74	3
4	179	1	.87	760	9	3.57	1008	11	4.84	971	6	4.86	4
5	135	1	.62	591	3	2.84	809	4	3.96	802	5	4.17	5
6	103	1	.49	475	4	2.28	665	5	3.26	674	5	3.57	6
7	76	1	.36	374	2	1.83	571	2	2.86	584	3	3.15	7
8	50	..	.24	304	2	1.49	481	4	2.41	486	8	2.67	8
9	37	..	.18	236	3	1.16	403	1	2.06	396	5	2.26	9
10	25	..	.12	177	..	.87	337	4	1.75	332	1	1.96	10
11	14	..	.07	146	..	.73	276	..	1.46	303	4	1.88	11
12	12	..	.06	121	..	.61	236	1	1.27	270	3	1.78	12
13	10	..	.05	96	..	.49	202	1	1.11	227	3	1.59	13
14	7	..	.03	72	1	.37	150	1	.86	172	3	1.29	14
15	6	..	.03	54	..	.29	109	2	.64	134	..	1.07	15
16	3	..	.02	26	..	.14	62	1	.38	82	1	.70	16
17	3	..	.02	21	..	.12	39	..	.26	55	..	.50	17
18	1	..	.01	14	..	.08	27	..	.19	36	..	.35	18
19	..	..	..	6	..	.03	21	..	.16	24	1	.25	19
20	..	..	..	5	..	.03	17	..	.14	13	..	.15	20
21	..	..	..	1	..	.01	3	..	.03	2	..	.03	21
22	..	..	..	..	..	..	1	..	.01	1	..	.01	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1236	6	4.94	5398	50	22.43	6837	45	29.46	6350	44	28.91	1-5
6-24	349	2	1.68	2128	12	10.53	3600	22	18.85	3791	37	23.21	6-24

Ages at Entry				40-44			45-49			50-53			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	1688	9	6.92	1166	10	5.48	789	4	5.05	365	3	3.32	1
2	1210	6	6.29	815	12	5.22	556	4	4.89	243	3	3.04	2
3	1060	2	5.72	711	2	4.91	471	6	4.47	209	2	2.88	3
4	879	4	5.01	590	7	4.43	400	2	4.16	178	1	2.67	4
5	711	3	4.19	497	5	3.98	379	6	3.72	157	2	2.56	5
6	586	8	3.63	425	11	3.61	276	4	3.37	134	1	2.35	6
7	494	8	3.26	369	5	3.26	235	7	3.10	117	3	2.22	7
8	409	1	2.84	316	3	3.10	202	4	2.89	107	2	2.20	8
9	368	7	2.76	262	8	2.78	168	3	2.59	88	1	1.98	9
10	320	6	2.56	209	3	2.40	145	2	2.42	71	3	1.75	10
11	284	7	2.41	174	5	2.18	125	..	2.26	56	1	1.52	11
12	252	1	2.29	151	6	2.04	116	4	2.27	45	..	1.35	12
13	216	7	2.12	127	4	1.85	83	3	1.82	36	1	1.19	13
14	143	3	1.52	104	2	1.64	64	4	1.50	18	..	.66	14
15	108	2	1.24	76	..	1.30	42	..	1.08	14	3	.56	15
16	63	3	.79	43	2	.80	22	1	.62	5	..	.22	16
17	38	..	.51	22	1	.44	11	..	.34	..	..	..	17
18	22	2	.32	14	..	.31	5	..	.17	..	..	..	18
19	16	..	.25	9	..	.22	4	..	.15	..	..	..	19
20	10	..	.17	7	..	.18	4	..	.17	..	..	..	20
21	3	..	.06	..	..	..	2	..	.09	..	..	..	21
22	1	..	.02	..	..	..	1	..	.05	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	5548	24	28.13	3779	36	24.02	2545	22	22.29	1152	11	14.47	1-5
6-24	3333	55	26.77	2308	50	26.21	1507	32	24.89	691	15	16.00	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
MISSISSIPPI, OTHER THAN GULF AND DELTA COUNTIES

Age at Entry				55-59			60-63			64 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	177	3	2.16	101	1	1.62	37	1	.76	27	1	.61	1
2	119	5	1.88	74	1	1.51	29	..	.80	15	1	.60	2
3	101	1	1.85	62	1	1.49	21	1	.67	13	..	.62	3
4	84	3	1.69	50	..	1.32	15	..	.53	12	..	.64	4
5	62	..	1.26	39	..	1.13	13	..	.51	10	1	.58	5
6	56	1	1.34	30	1	.96	12	..	.51	8	..	.56	6
7	47	..	1.24	28	1	.99	11	..	.52	8	..	.54	7
8	42	1	1.22	22	2	.86	11	..	.57	8	..	.58	8
9	30	..	.96	18	2	.77	9	1	.51	8	1	.64	9
10	24	3	.85	14	3	.66	7	..	.43	6	1	.51	10
11	15	..	.59	6	1	.31	3	..	.20	1	..	.08	11
12	9	1	.39	3	..	.17	2	..	.14	1	..	.09	12
13	4	..	.19	2	1	.12	2	..	.16	1	1	.10	13
14	2	..	.10	1	..	.07	1	..	.08	..	..	..	14
15	1	..	.06	1	..	.07	1	..	.09	..	..	..	15
16	..	..	..	1	..	.08	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	543	12	8.94	326	3	7.07	115	2	3.27	72	3	3.08	1-5
6-24	230	6	6.94	126	11	5.06	59	1	3.21	41	3	3.04	6-24

SYNOPSIS

Ages at Entry					30-39					40-49					
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years		
1	4673	26	13.31	164	3689	23	14.32	161	1955	14	10.53	133	1		
2	2897	24	13.14	183	2615	16	13.03	123	1371	16	10.11	158	2		
3	2419	22	11.23	196	2231	11	11.46	96	1182	8	9.38	83	3		
4	1947	21	9.23	228	1850	10	9.87	101	990	9	8.59	105	4		
5	1535	8	7.42	108	1513	8	8.36	96	826	11	7.70	143	5		
1-5	13471	101	56.83	178	11898	68	57.04	119	6324	58	46.31	122	1-5		
6-7	2266	15	11.08	135	2338	24	13.61	176	1305	27	13.44	201	6-7		
8-10	2050	14	10.78	136	2311	28	15.07	186	1302	23	16.18	142	8-10		
11-15	1511	6	8.07	74	2109	33	17.19	192	1064	28	17.94	156	11-15		
16-24	250	1	1.63	61	366	7	4.11	176	144	4	3.54	113	16-24		
1-24	19548	137	87.89	156	19022	160	107.02	150	10139	140	97.41	144	1-24		

Ages at Entry					50 and over					All Ages at Entry					
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years		
1	643	7	7.10	99	59	2	1.37	146	11019	72	49.13	147	1		
2	436	9	6.43	140	44	1	1.40	71	7363	66	44.11	150	2		
3	372	4	6.22	64	34	1	1.29	78	6238	46	39.58	116	3		
4	312	4	5.68	70	27	..	1.17	..	5126	44	34.54	127	4		
5	258	2	5.05	40	23	1	1.69	92	4155	30	29.62	101	5		
1-5	2021	26	30.48	85	187	5	6.32	79	33901	258	196.98	131	1-5		
6-7	412	7	9.10	77	39	..	2.07	..	6360	73	49.30	148	6-7		
8-10	416	17	11.25	151	49	3	3.24	93	6128	85	56.02	152	8-10		
11-15	213	8	7.35	109	12	1	.94	106	4909	76	51.49	148	11-15		
16-24	6	..	.30	..	..	..	..	..	766	12	9.58	125	16-24		
1-24	3068	58	88.48	99	287	9	12.57	72	52064	504	363.37	139	1-24		

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
TEXAS, GULF COUNTIES

Ages at Entry				20-24			25-29			30-34				
Immature Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immature Years	
1	50	..	.16	351	1	1.16	497	2	1.74	550	3	2.04	1	
2	33	..	.14	207	2	.93	325	3	1.50	357	1	1.71	2	
3	24	..	.11	189	1	.83	274	..	1.29	307	2	1.50	3	
4	18	..	.08	152	..	.71	223	..	1.07	261	..	1.31	4	
5	15	..	.07	131	..	.63	196	..	.96	232	4	1.21	5	
6	12	..	.06	111	..	.53	166	..	.81	202	..	1.07	6	
7	10	..	.05	94	..	.46	150	..	.75	177	1	.96	7	
8	6	..	.03	84	..	.41	124	2	.62	152	4	.84	8	
9	6	..	.03	70	..	.34	98	..	.50	114	2	.65	9	
10	5	..	.02	63	1	.31	90	..	.47	100	..	.59	10	
11	3	..	.01	51	..	.26	84	2	.45	86	1	.53	11	
12	2	..	.01	45	..	.23	75	..	.41	74	..	.49	12	
13	2	1	.01	42	..	.21	61	1	.34	71	..	.50	13	
14	1	..	.00	32	..	.17	50	3	.29	61	2	.46	14	
15	1	..	.00	25	..	.13	39	1	.23	48	..	.38	15	
16	1	..	.01	19	..	.10	32	..	.20	38	..	.32	16	
17	1	..	.01	10	..	.06	20	..	.13	28	..	.25	17	
18	1	..	.01	8	..	.04	17	..	.12	24	1	.24	18	
19	1	..	.01	7	..	.04	11	1	.08	14	..	.15	19	
20	1	..	.01	5	..	.02	8	..	.06	10	..	.12	20	
21	1	..	.01	2	..	.01	4	..	.03	8	..	.10	21	
22	1	..	.01	1	..	.01	2	..	.02	5	..	.07	22	
23	..	..	..	..	..	..	..	2	..	.02	2	..	.03	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	140	..	.56	1023	4	4.26	1515	..	6.56	1707	10	7.77	1-5	
6-24	55	1	.29	667	1	3.33	1033	10	5.53	1214	11	7.78	6-24	

Ages at Entry				40-44				45-49				50-54			
Immature Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Immature Years
1	421	1	1.73	275	1	1.29	160	1	1.02	77	..	.70	1	..	1
2	290	2	1.51	183	2	1.17	116	3	1.07	57	..	.71	2	..	2
3	252	3	1.36	165	1	1.14	105	2	1.00	46	1	.63	3	..	3
4	208	..	1.19	141	1	1.06	90	5	.94	40	..	.60	4	..	4
5	183	..	1.08	127	2	1.02	76	1	.86	33	..	.54	5	..	5
6	159	2	.99	100	1	.85	68	2	.83	28	..	.49	6	..	6
7	134	2	.88	84	..	.76	59	3	.78	23	1	.44	7	..	7
8	111	..	.78	72	1	.71	45	..	.64	14	..	.29	8	..	8
9	96	..	.72	60	..	.64	39	..	.60	14	..	.32	9	..	9
10	85	..	.68	54	..	.62	36	2	.60	13	..	.32	10	..	10
11	74	1	.63	41	1	.51	31	..	.56	13	..	.35	11	..	11
12	64	1	.58	37	..	.50	27	4	.53	10	1	.30	12	..	12
13	57	1	.56	31	..	.45	18	1	.39	9	2	.30	13	..	13
14	50	1	.53	26	..	.41	16	..	.37	7	1	.26	14	..	14
15	45	..	.52	17	..	.39	13	..	.39	3	..	.12	15	..	15
16	33	1	.41	14	1	.26	13	1	.37	3	..	.13	16	..	16
17	24	1	.32	11	..	.22	10	..	.31	3	..	.15	17	..	17
18	17	2	.25	9	..	.20	8	..	.28	3	1	.16	18	..	18
19	11	3	.17	8	..	.19	8	..	.30	1	..	.06	19	..	19
20	8	1	.14	7	1	.18	6	1	.25	1	..	.06	20	..	20
21	4	..	.07	3	..	.09	1	..	.05	..	..	..	21	..	21
22	1	..	.02	2	..	.06	..	..	..	..	..	..	22	..	22
23	..	..	..	1	..	.04	..	..	..	..	..	..	23	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	1354	6	6.87	891	7	5.68	547	12	4.84	293	1	3.18	1-5	..	1-5
6-24	973	16	8.25	577	5	6.98	400	14	7.25	145	6	3.75	6-24	..	6-24

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
TEXAS, GULF COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	47	..	.57	28	..	.45	16	..	.35	11	..	.32	1	..	.32	1
2	32	..	.51	19	..	.39	14	..	.39	11	2	.48	2	..	.48	2
3	26	1	.48	18	1	.43	10	..	.32	9	..	.48	3	..	.48	3
4	23	..	.46	15	..	.34	10	1	.35	9	..	.53	4	..	.53	4
5	21	..	.46	15	..	.38	8	..	.31	8	..	.49	5	..	.49	5
6	20	..	.48	10	..	.32	8	..	.34	7	1	.48	6	..	.48	6
7	16	..	.42	8	..	.28	7	..	.33	5	..	.39	7	..	.39	7
8	15	..	.44	7	..	.27	5	..	.26	5	..	.42	8	..	.42	8
9	15	..	.48	3	..	.13	3	..	.17	4	..	.36	9	..	.36	9
10	12	..	.42	3	..	.14	3	..	.19	4	..	.46	10	..	.46	10
11	8	1	.31	1	..	.05	2	..	.13	3	..	.36	11	..	.36	11
12	7	..	.30	..	..	..	2	..	.14	2	..	.23	12	..	.23	12
13	4	1	.19	..	..	..	2	..	.16	2	..	.23	13	..	.23	13
14	3	..	.15	..	..	..	2	..	.17	2	..	.27	14	..	.27	14
15	2	..	.11	..	..	..	1	..	.09	2	..	.30	15	..	.30	15
16	2	..	.12	..	..	..	1	..	.10	2	1	.32	16	..	.32	16
17	2	..	.13	..	..	..	1	..	.11	1	..	.17	17	..	.17	17
18	2	..	.14	..	..	..	1	..	.12	1	1	.19	18	..	.19	18
19	2	1	.16	..	..	..	1	1	.13	..	..	..	19	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	20	..	..	20
21	1	..	.09	..	..	..	..	..	..	..	..	..	21	..	..	21
22	1	..	.10	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	149	1	2.48	91	1	1.99	58	1	1.70	48	7	2.30	1-5	..	..	1-5
6-24	113	3	4.12	32	..	1.19	39	1	2.44	40	3	4.08	6-24	..	..	6-24

SYNOPSIS

Ages at Entry					15-29					30-39					40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years						
1	898	3	3.06	98	971	4	3.77	106	435	2	2.31	87	1						
2	565	3	2.57	195	647	3	3.22	93	299	5	2.19	228	2						
3	478	1	2.23	45	559	5	2.86	175	270	3	2.14	140	3						
4	393	..	1.86	..	469	..	2.30	..	231	6	2.00	300	4						
5	342	..	1.66	..	415	4	2.29	175	203	3	1.88	160	5						
1-5	2676	9	11.38	79	3061	16	14.64	109	1438	19	10.52	181	1-5						
6-7	543	..	2.66	..	677	5	3.90	128	311	6	3.22	186	6-7						
8-10	546	3	2.73	110	658	6	4.26	141	306	3	3.81	79	8-10						
11-15	513	8	2.75	291	630	7	5.18	135	259	6	4.40	136	11-15						
16-24	153	1	1.01	99	227	9	2.66	338	101	4	2.80	143	16-24						
1-24	4431	21	20.53	102	5248	43	30.64	140	2415	38	24.73	154	1-24						

Ages at Entry					50-59				60 and over				All Ages at Entry			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years			
1	152	..	1.72	..	27	..	.65	..	2483	9	11.51	78	1			
2	108	..	1.61	..	25	2	.87	230	1644	15	10.46	143	2			
3	90	3	1.54	195	19	..	.80	..	1416	12	9.57	125	3			
4	76	..	1.40	..	19	1	.88	114	1188	7	8.64	81	4			
5	67	..	1.38	..	16	..	.80	..	1045	7	8.01	87	5			
1-5	493	3	7.65	39	166	3	4.60	75	7774	50	48.19	104	1-5			
6-7	105	1	2.43	41	27	1	1.54	65	1658	13	13.75	92	6-7			
8-10	96	..	2.81	..	24	..	1.80	..	1630	12	15.41	78	8-10			
11-15	67	6	2.44	246	20	..	2.04	..	1489	27	16.81	161	11-15			
16-24	22	2	1.38	145	8	3	1.14	263	511	19	8.99	211	16-24			
1-24	783	12	10.71	72	185	7	10.52	67	18067	121	103.15	117	1-24			

TABLE II (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry				20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	491	5	1.52	4032	21	13.31	6237	19	21.83	6343	26	23.47	1
2	260	2	1.17	1998	12	8.99	3437	25	13.81	3596	16	17.26	2
3	211	1	.95	1583	12	7.28	2816	16	13.24	2971	16	14.56	3
4	167	..	.77	1276	6	6.00	2323	13	11.15	2441	17	12.21	4
5	129	2	.59	1075	3	5.16	1964	15	9.62	2093	15	10.88	5
6	89	2	.42	867	3	4.16	1627	6	7.97	1727	16	9.13	6
7	62	..	.29	727	2	3.56	1391	14	6.96	1440	10	7.78	7
8	45	1	.21	606	5	2.97	1190	2	5.95	1216	10	6.69	8
9	35	..	.17	503	2	2.46	1038	5	5.29	1063	8	6.06	9
10	32	..	.15	433	3	2.12	904	5	4.70	939	5	5.54	10
11	26	..	.12	383	5	1.92	801	6	4.25	827	3	5.13	11
12	24	..	.12	351	2	1.76	744	..	4.02	767	3	5.06	12
13	19	..	.09	295	2	1.50	643	4	3.54	683	7	4.78	13
14	15	..	.07	243	1	1.26	558	1	3.18	612	11	4.59	14
15	9	1	.04	189	..	1.00	451	1	2.66	513	7	4.10	15
16	2	..	.01	152	1	.82	352	1	2.18	414	2	3.52	16
17	..	..	..	97	1	.53	258	4	1.70	321	1	2.92	17
18	..	..	..	73	1	.41	200	4	1.40	237	3	2.32	18
19	..	..	..	48	..	.28	141	1	1.06	165	3	1.75	19
20	..	..	..	29	..	.18	87	1	.70	111	5	1.28	20
21	..	..	..	11	..	.07	42	..	.36	49	..	.61	21
22	..	..	..	4	..	.03	19	..	.17	24	..	.32	22
23	..	..	..	1	..	.01	8	..	.08	14	1	.20	23
24	..	..	..	..	..	..	..	..	..	3	..	.05	24
1-5	1258	10	4.95	9964	54	40.74	16777	86	71.65	17444	90	78.38	1-5
6-24	358	4	1.69	5012	28	25.04	10454	55	56.17	11125	95	71.85	6-24

Ages at Entry				40-44			45-49			50-54			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	5453	29	22.36	3753	25	17.64	2423	12	15.51	1030	10	9.37	1
2	3177	26	16.52	2193	11	14.04	1374	12	12.09	607	8	7.59	2
3	2620	12	14.15	1834	18	12.65	1103	18	10.48	508	7	7.01	3
4	2173	12	12.39	1516	11	11.37	865	8	9.00	406	6	6.04	4
5	1870	6	11.03	1293	8	10.34	699	12	7.90	334	4	5.44	5
6	1576	12	9.77	1074	18	9.13	576	12	7.03	286	4	5.01	6
7	1356	17	8.95	896	12	8.15	482	9	6.36	237	3	4.56	7
8	1199	8	8.39	773	7	7.58	414	3	5.92	199	5	4.10	8
9	1004	12	7.98	679	3	7.10	360	7	5.54	182	4	4.10	9
10	935	11	7.48	574	9	6.60	320	5	5.34	147	2	3.63	10
11	803	8	6.83	478	9	5.98	276	9	5.05	116	5	3.16	11
12	740	12	6.73	430	2	5.81	240	4	4.70	102	2	3.06	12
13	625	13	6.13	379	8	5.53	201	5	4.30	82	3	2.71	13
14	521	6	5.52	317	3	5.01	174	2	4.07	66	1	2.41	14
15	444	2	5.11	261	1	4.46	149	6	3.83	58	3	2.33	15
16	361	3	4.51	207	1	3.83	109	4	3.08	45	3	1.99	16
17	268	1	3.62	148	2	2.97	75	2	2.34	31	1	1.50	17
18	193	1	2.82	106	..	2.32	53	..	1.82	24	..	1.27	18
19	131	2	2.07	69	4	1.66	39	..	1.48	17	..	.99	19
20	79	..	1.35	35	..	.92	29	1	1.21	15	1	.95	20
21	32	..	.59	15	2	.44	16	2	.73	8	1	.55	21
22	16	..	.32	7	..	.22	9	1	.45	2	..	.15	22
23	10	1	.22	3	..	.11	2	..	.31	..	..	..	23
24	1	..	.02	1	..	.04	..	..	..	..	..	..	24
1-5	15293	85	76.45	10589	73	66.04	6464	62	54.98	2885	35	35.50	1-5
6-24	10354	104	88.41	6443	81	77.86	3524	72	65.31	1617	38	42.43	6-24

TABLE 11 (Continued)
MORTALITY IN SOUTHERN STATES OF THE UNITED STATES
TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	490	6	5.98	265	4	4.21	112	2	2.30	70	1	1.93	1
2	292	4	4.61	172	2	3.51	66	1	1.82	49	..	1.98	2
3	254	5	4.65	138	1	3.31	56	1	1.80	44	4	2.15	3
4	223	1	4.48	118	3	3.12	48	..	1.70	35	3	1.89	4
5	180	4	3.94	102	3	2.97	44	..	1.72	29	3	1.68	5
6	145	3	3.48	84	2	2.70	41	1	1.76	22	2	1.42	6
7	123	3	3.25	69	4	2.44	36	1	1.70	20	..	1.46	7
8	108	2	3.14	57	2	2.22	29	4	1.50	16	7	1.22	8
9	98	4	3.15	53	1	2.27	22	1	1.25	12	3	.98	9
10	84	8	2.97	49	3	2.31	17	3	1.05	7	..	.67	10
11	55	2	2.15	42	2	2.17	9	..	.69	4	..	.39	11
12	47	2	1.80	36	1	2.04	9	..	.65	3	1	.32	12
13	38	4	1.79	31	5	1.91	9	1	.70	1	1	.13	13
14	28	1	1.44	20	1	1.34	8	2	.68	..	..	..	14
15	20	1	1.13	14	..	1.16	5	..	.46	..	..	..	15
16	13	2	.80	12	1	.94	5	..	.50	..	..	..	16
17	9	..	.60	11	2	.93	5	..	.54	..	..	..	17
18	9	1	.65	8	..	.74	4	..	.47	..	..	..	18
19	4	1	.31	5	1	.50	4	1	.51	..	..	..	19
20	3	1	.25	2	1	.27	2	..	.27	..	..	..	20
21	..	..	..	1	..	.12	1	..	.15	..	..	..	21
22	..	..	..	1	..	.13	1	..	.16	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1439	20	23.66	793	13	17.12	326	4	9.34	227	11	9.63	1-5
6-24	779	35	26.91	497	26	24.14	207	14	12.95	85	9	6.53	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	10760	45	36.86	123	11796	55	45.83	120	6176	37	33.12	112	1
2	5695	39	25.92	150	6773	42	33.78	124	3567	23	26.13	88	2
3	4610	29	21.47	135	5591	28	28.71	98	2937	16	23.15	156	3
4	3766	19	17.92	106	4614	29	24.60	118	2381	19	20.37	93	4
5	3168	18	15.37	117	3963	21	21.91	96	1992	20	18.24	110	5
1-5	27999	150	117.34	128	37737	175	154.83	113	17053	135	121.02	115	1-5
6-7	4763	27	23.36	116	6099	50	35.65	140	3028	51	30.67	166	6-7
8-10	4786	23	24.02	96	6416	54	42.14	128	3111	34	35.08	89	8-10
11-15	4751	23	25.53	90	6535	72	55.98	133	2965	49	48.69	101	11-15
16-24	1524	14	9.99	140	2429	23	28.49	81	923	19	23.75	80	16-24
1-24	43873	237	200.28	118	54216	374	315.09	119	27020	288	262.19	110	1-24

Ages at Entry					40 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	1783	20	19.56	102	182	3	4.23	71	30697	160	139.43	115	1
2	1071	14	15.71	89	115	1	3.80	26	17221	119	105.34	113	2
3	900	13	14.97	87	100	5	3.95	127	14138	111	92.23	120	3
4	747	10	13.69	73	83	3	3.59	84	11591	80	80.17	106	4
5	616	11	12.35	89	73	3	3.40	88	9812	73	71.27	102	5
1-5	5117	68	76.78	89	553	15	18.97	79	83459	545	488.44	111	1-5
6-7	944	19	21.38	89	119	4	6.28	64	14953	151	117.54	129	6-7
8-10	977	31	27.89	111	103	13	6.67	195	15393	153	138.80	112	8-10
11-15	752	33	30.60	108	48	5	3.93	127	14991	182	162.75	117	11-15
16-24	220	16	13.59	118	27	1	2.60	38	5118	73	78.40	93	16-24
1-24	8010	167	169.74	98	845	38	58.45	90	153914	1104	985.71	115	1-24

TABLE III

37—A, B, C, D, E, F, G, H, J. REMITTENT MALARIAL FEVER: ONE OR MORE ATTACKS AT ANY TIME IN THE PAST
HABITAT, SEVEN SOUTHERN STATES, ALL COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	133	..	.41	702	4	2.32	950	1	3.33	904	11	3.34	1	..	..	1
2	97	2	.42	437	2	1.97	627	5	2.88	604	3	2.90	2	..	..	2
3	85	..	.38	379	4	1.74	548	5	2.58	513	2	2.51	3	..	..	3
4	76	1	.35	326	2	1.53	471	3	2.26	444	4	2.22	4	..	..	4
5	65	..	.30	272	2	1.31	399	1	1.96	388	1	2.03	5	..	..	5
6	47	..	.22	219	1	1.05	324	2	1.59	335	2	1.78	6	..	..	6
7	37	..	.17	183	..	.90	268	1	1.34	274	3	1.48	7	..	..	7
8	31	1	.15	150	..	.74	228	..	1.14	231	2	1.27	8	..	..	8
9	17	..	.08	109	..	.53	187	1	.95	188	1	1.07	9	..	..	9
10	11	..	.05	86	1	.42	156	..	.81	160	1	.94	10	..	..	10
11	8	..	.04	69	..	.35	139	..	.74	138	1	.86	11	..	..	11
12	6	..	.03	63	1	.32	125	2	.68	116	1	.77	12	..	..	12
13	6	..	.03	41	..	.21	110	2	.61	99	1	.69	13	..	..	13
14	5	..	.02	37	..	.19	92	2	.52	87	..	.65	14	..	..	14
15	4	..	.02	28	..	.15	75	2	.44	75	1	.60	15	..	..	15
16	2	..	.01	23	1	.12	59	1	.37	55	..	.47	16	..	..	16
17	1	..	.01	17	..	.09	51	..	.34	45	..	.41	17	..	..	17
18	1	..	.01	11	..	.06	36	..	.25	38	..	.37	18	..	..	18
19	1	..	.01	6	..	.03	24	..	.18	25	..	.27	19	..	..	19
20	1	..	.01	6	..	.04	18	..	.14	16	1	.18	20	..	..	20
21	..	..	..	3	..	.02	9	..	.08	10	..	.13	21	..	..	21
22	..	..	..	3	..	.02	5	..	.05	5	..	.07	22	..	..	22
23	..	..	..	2	..	.01	3	..	.03	..	..	..	23	..	..	23
24	..	..	..	1	..	.01	..	..	..	..	..	..	24	..	..	24
1-5	456	3	1.86	2116	14	8.87	2995	15	13.01	2853	21	12.99	1-5	..	..	1-5
6-24	178	1	.86	1057	4	5.26	1909	13	10.26	1897	14	12.01	6-24	..	..	6-24

Ages at Entry				35-39			40-44			45-49			50-53			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	698	2	2.86	490	4	2.30	306	3	1.96	117	3	1.08	1	..	..	1
2	464	4	2.41	334	4	2.14	198	3	1.74	77	3	.96	2	..	..	2
3	409	5	2.21	297	1	2.05	167	..	1.59	67	..	.92	3	..	..	3
4	352	2	2.01	272	1	2.04	144	1	1.50	59	2	.89	4	..	..	4
5	301	2	1.78	241	1	1.93	123	..	1.41	49	2	.80	5	..	..	5
6	264	..	1.64	205	4	1.74	111	1	1.35	42	..	.74	6	..	..	6
7	233	2	1.54	177	2	1.61	98	2	1.29	35	1	.67	7	..	..	7
8	200	3	1.40	154	1	1.51	84	1	1.20	26	..	.54	8	..	..	8
9	169	2	1.27	124	1	1.31	67	3	1.03	23	..	.52	9	..	..	9
10	147	2	1.18	103	2	1.18	57	3	.95	20	1	.49	10	..	..	10
11	127	1	1.08	86	2	1.08	45	1	.81	15	..	.41	11	..	..	11
12	118	..	1.07	75	..	1.01	39	2	.76	11	1	.33	12	..	..	12
13	105	2	1.03	67	2	.98	33	1	.71	6	1	.26	13	..	..	13
14	89	2	.94	57	2	.90	26	1	.61	5	..	.11	14	..	..	14
15	72	1	.83	48	1	.82	19	..	.49	2	..	.08	15	..	..	15
16	49	..	.61	36	2	.67	14	..	.40	2	1	.09	16	..	..	16
17	39	1	.53	25	1	.50	11	1	.34	1	1	.05	17	..	..	17
18	28	..	.41	20	..	.44	6	1	.21	..	..	..	18	..	..	18
19	22	1	.35	17	..	.41	4	..	.15	..	..	..	19	..	..	19
20	14	1	.24	12	..	.32	3	1	.13	..	..	..	20	..	..	20
21	6	..	.11	6	1	.17	1	..	.05	..	..	..	21	..	..	21
22	6	..	.12	7	..	.06	1	..	.05	..	..	..	22	..	..	22
23	5	..	.11	1	..	.04	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	2224	15	11.27	1634	11	10.46	940	9	8.20	369	10	4.63	1-5	..	..	1-5
6-24	1693	18	14.46	1215	21	14.75	619	18	10.53	186	6	4.23	6-24	..	..	6-24

TABLE III (Continued)

37—A, B, C, D, E, F, G, H, J. REMITTENT MALARIAL FEVER: ONE OR MORE ATTACKS AT ANY TIME IN THE PAST

HABITAT: SEVEN SOUTHERN STATES, ALL COUNTIES

Age at Entry				54-59				60-69				70 and over			
Time since Entry	Exposed to Risk	Annual Deaths	Expected Deaths	Exposed to Risk	Annual Deaths	Expected Deaths	Exposed to Risk	Annual Deaths	Expected Deaths	Exposed to Risk	Annual Deaths	Expected Deaths	Exposed to Risk	Annual Deaths	Expected Deaths
1	60	3	.73	20	..	.42	9	1	.18	16	..	.39	1	..	.29
2	34	..	.54	15	1	.31	7	..	.19	10	..	.40	2	..	.40
3	28	1	.51	13	..	.31	7	1	.27	8	1	.39	3	..	.39
4	24	..	.48	11	..	.29	4	..	.14	6	..	.33	4	..	.33
5	20	1	.44	9	..	.26	4	..	.14	5	..	.30	5	..	.30
6	15	..	.36	7	..	.22	3	..	.13	5	..	.33	6	..	.33
7	13	1	.34	6	1	.21	3	..	.14	5	..	.37	7	..	.37
8	7	..	.30	5	..	.20	3	..	.13	5	..	.36	8	..	.36
9	6	..	.19	4	..	.17	3	..	.17	4	1	.36	9	..	.36
10	6	..	.25	4	..	.19	3	..	.19	3	..	.36	10	..	.36
11	5	..	.20	3	..	.15	2	..	.15	3	1	.36	11	..	.36
12	5	..	.21	2	..	.11	2	..	.14	2	..	.36	12	..	.36
13	4	..	.19	1	1	.06	2	..	.16	2	..	.36	13	..	.36
14	3	..	.15	..	..	..	1	..	.20	2	..	.37	14	..	.37
15	1	..	.06	..	..	..	1	..	.06	1	..	.37	15	..	.37
16	1	..	.06	..	..	..	..	..	..	1	..	.37	16	..	.37
17	0	..	.07	..	..	..	..	..	..	1	..	.37	17	..	.37
18	0	..	.07	..	..	..	..	..	..	1	1	.37	18	..	.37
19	..	..	..	..	..	..	..	..	..	..	..	.37	19	..	.37
20	..	..	..	..	..	..	..	..	..	..	..	.37	20	..	.37
21	..	..	..	..	..	..	..	..	..	..	..	.37	21	..	.37
22	..	..	..	..	..	..	..	..	..	..	..	.37	22	..	.37
23	..	..	..	..	..	..	..	..	..	..	..	.37	23	..	.37
24	..	..	..	..	..	..	..	..	..	..	..	.37	24	..	.37
1-5	166	3	2.36	74	1	1.59	31	2	.30	43	1	1.81	1-5	..	1-5
6-24	48	1	2.81	22	2	7.21	23	..	1.18	26	3	5.29	6-24	..	6-24

SYNOPSIS

Age at Entry				18-29				30-39				40-49			
Time since Entry	Exposed to Risk	Annual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Annual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Annual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Annual Deaths	Expected Deaths
1	1785	5	6.09	8.7	1462	13	6.20	239	796	9	6.26	211	1	..	.1
2	1161	9	5.27	17.1	1068	7	3.31	132	532	7	3.59	180	2	..	.2
3	1012	9	4.70	19.1	922	7	4.72	149	466	1	3.64	27	3	..	.3
4	873	6	4.14	142	796	6	4.23	142	416	..	5.74	26	4	..	.4
5	736	5	3.57	85	699	3	3.60	79	369	..	5.34	26	5	..	.5
1-5	5362	32	21.74	132	5071	30	24.26	148	2724	20	18.60	307	1-5	..	1-5
6-7	1678	4	5.22	76	1106	7	6.44	109	591	9	5.94	153	6-7	..	6-7
8-10	972	3	4.67	62	1095	11	7.13	154	589	14	7.18	185	8-10	..	8-10
11-15	804	18	4.38	207	1026	10	8.52	117	982	12	8.17	147	11-15	..	11-15
16-24	283	..	1.89	106	363	4	4.38	91	159	7	5.66	179	16-24	..	16-24
1-24	3711	50	40.13	127	5667	60	50.78	154	4408	50	43.94	154	1-24	..	1-24

Age at Entry				50-59				60 and over				All Ages at Entry			
Time since Entry	Exposed to Risk	Annual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Annual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Annual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Annual Deaths	Expected Deaths
1	203	6	2.21	271	23	1	.37	175	4409	34	19.53	176	1	..	.1
2	126	4	1.81	221	17	..	.59	..	2904	27	16.80	160	2	..	.2
3	108	3	1.76	17	13	2	.61	328	2921	20	15.41	153	3	..	.3
4	94	2	1.66	170	10	..	.47	..	2189	16	14.04	154	4	..	.4
5	72	3	1.54	268	9	..	.67	..	1828	10	12.67	156	5	..	.5
1-5	609	16	8.92	179	74	2	2.59	111	1809	107	78.78	177	1-5	..	1-5
6-7	118	3	2.54	118	16	..	.89	..	2690	28	21.21	108	6-7	..	6-7
8-10	101	1	2.71	37	21	1	3.80	67	2781	27	23.92	115	8-10	..	8-10
11-15	61	3	2.38	152	18	1	3.62	62	2406	35	24.92	140	11-15	..	11-15
16-24	6	2	.28	268	4	1	.88	172	812	56	11.13	144	16-24	..	16-24
1-24	927	29	16.77	149	133	6	7.37	81	2219	208	188.93	157	1-24	..	1-24

TABLE III (Continued)

37-A, B, C, D, E, F, G, H, J. REMITTENT MALARIAL FEVER: ONE OR MORE ATTACKS AT ANY TIME IN THE PAST
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry 15-19				20-24			25-29			30-34			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years
1	134	1	.42	1001	2	3.30	1562	7	5.47	1627	6	6.02	1
2	95	..	.41	701	4	3.15	1160	6	5.34	1223	1	5.87	2
3	85	..	.38	614	4	2.82	1023	6	4.82	1111	4	5.44	3
4	72	..	.33	527	2	2.48	915	7	4.39	995	7	4.98	4
5	66	..	.30	450	..	2.16	815	3	3.99	895	5	4.65	5
6	62	..	.29	396	1	1.90	730	3	3.58	798	7	4.23	6
7	49	1	.23	344	1	1.69	643	1	3.22	710	2	3.83	7
8	42	..	.20	308	..	1.51	567	1	2.84	630	1	3.47	8
9	32	..	.15	268	..	1.31	517	2	2.61	577	2	3.29	9
10	29	..	.14	237	1	1.16	449	1	2.33	509	5	3.06	10
11	26	..	.10	203	1	1.02	403	1	2.14	440	5	2.73	11
12	19	..	.09	188	1	.94	361	2	1.95	393	2	2.59	12
13	18	..	.09	166	3	.85	316	..	1.74	345	1	2.43	13
14	17	..	.08	139	..	.72	287	..	1.64	298	1	2.24	14
15	12	..	.06	116	..	.61	245	..	1.45	271	..	2.17	15
16	10	1	.05	90	..	.49	204	1	1.26	232	..	1.97	16
17	8	..	.04	76	..	.42	166	1	1.10	194	2	1.77	17
18	7	..	.04	59	..	.33	138	2	.97	165	2	1.62	18
19	2	..	.01	46	..	.27	105	..	.79	134	2	1.42	19
20	2	..	.01	40	..	.24	78	1	.62	94	..	1.08	20
21	1	..	.01	20	1	.13	44	..	.37	39	..	.49	21
22	1	..	.01	11	..	.07	32	..	.29	24	..	.32	22
23	1	..	.01	6	..	.04	11	1	.11	14	..	.20	23
24	1	..	.01	2	..	.02	3	..	.03	3	..	.05	24
1-5	452	1	1.84	3293	12	13.91	5477	29	24.01	5851	23	26.96	1-5
6-24	333	2	1.62	2713	9	13.72	5294	17	29.04	5870	28	38.89	6-24

Ages at Entry 35-39				40-44				45-49				50-53			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years		
1	1306	4	5.35	880	6	4.14	507	3	3.24	254	1	2.31	1		
2	983	6	5.11	685	6	4.38	379	5	3.34	19	3	2.38	2		
3	863	5	4.66	623	5	4.30	333	4	3.16	173	1	2.39	3		
4	780	3	4.45	566	2	4.25	286	4	2.97	153	..	2.30	4		
5	708	..	4.18	508	2	4.06	249	5	2.81	126	3	2.05	5		
6	638	3	3.96	437	2	3.71	223	3	2.72	107	3	1.87	6		
7	565	4	3.73	393	5	3.58	188	1	2.48	91	1	1.73	7		
8	504	2	3.53	345	3	3.38	164	1	2.35	79	..	1.63	8		
9	458	1	3.44	305	3	3.23	154	4	2.37	68	1	1.53	9		
10	416	6	3.33	257	1	2.96	138	3	2.30	60	1	1.48	10		
11	361	2	3.07	217	3	2.71	123	1	2.23	49	1	1.33	11		
12	328	2	2.98	187	3	2.52	104	1	2.04	44	2	1.32	12		
13	299	2	2.93	168	1	2.45	87	3	1.86	36	..	1.19	13		
14	260	2	2.76	148	..	2.34	74	2	1.73	35	1	1.28	14		
15	223	3	2.56	133	2	2.27	65	..	1.62	25	1	1.01	15		
16	168	..	2.10	105	..	1.94	47	2	1.33	18	..	.86	16		
17	146	..	1.97	96	..	1.93	38	2	1.19	17	1	.87	17		
18	129	..	1.88	81	..	1.77	33	2	1.14	15	1	.80	18		
19	104	1	1.64	65	2	1.56	23	2	.87	13	1	.76	19		
20	82	1	1.40	50	1	1.32	15	..	.63	9	..	.57	20		
21	41	3	.76	26	2	.76	8	..	.37	8	..	.55	21		
22	23	1	.46	17	..	.55	7	..	.35	3	1	.22	22		
23	13	..	.28	7	..	.25	4	..	.22	2	..	.16	23		
24	7	..	.17	2	1	.08	2	..	.12	1	..	.09	24		
1-5	4640	18	23.75	3262	21	21.13	1754	21	15.32	896	8	11.43	1-5		
6-24	4765	33	42.95	3039	29	39.31	1495	27	27.92	680	15	19.14	6-24		

TABLE III (Continued)
37—A, B, C, D, E, F, G, H, J. REMITTENT MALARIAL FEVER: ONE OR MORE ATTACKS AT ANY TIME IN THE PAST
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				56-59			60-62			63 and over			
Immigrant Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immigrant Years
1	116	2	1.42	65	..	1.06	39	..	.80	24	1	.64	1
2	86	2	1.36	55	..	1.12	36	2	.99	16	..	.59	2
3	81	1	1.48	50	1	1.20	31	2	1.00	15	..	.67	3
4	73	3	1.47	46	1	1.21	25	1	.89	13	..	.63	4
5	65	3	1.42	38	..	1.11	21	..	.82	11	..	.57	5
6	52	1	1.25	36	1	1.16	17	..	.73	11	..	.62	6
7	39	2	1.03	33	2	1.17	16	1	.75	9	1	.56	7
8	32	2	.93	27	1	1.05	11	1	.57	8	..	.53	8
9	28	1	.90	21	..	.90	9	1	.51	7	..	.51	9
10	20	..	.71	18	1	.85	8	..	.49	6	..	.47	10
11	15	..	.59	11	..	.57	7	..	.47	6	1	.51	11
12	14	1	.60	10	..	.57	7	..	.51	5	..	.46	12
13	12	1	.57	9	..	.56	6	..	.47	5	1	.50	13
14	9	1	.46	8	1	.53	6	1	.51	4	1	.43	14
15	5	1	.28	5	..	.36	4	..	.37	3	1	.35	15
16	2	..	.12	4	..	.31	3	1	.30	..	..	..	16
17	2	..	.13	4	1	.34	2	..	.22	..	..	..	17
18	2	..	.14	3	..	.28	2	..	.23	..	..	..	18
19	2	..	.16	2	..	.20	2	..	.25	..	..	..	19
20	2	..	.17	1	1	.11	2	1	.27	..	..	..	20
21	1	..	.09	..	..	..	1	..	.15	..	..	..	21
22	1	..	.10	..	..	..	1	1	.16	..	..	..	22
23	1	..	.11	..	..	..	..	..	..	..	..	..	23
24	1	..	.12	..	..	..	..	..	..	..	..	..	24
1-5	421	11	7.15	255	2	5.70	152	5	4.30	79	1	3.10	1-5
6-24	240	10	8.46	192	8	8.96	104	7	6.96	64	5	4.94	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Immigrant Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immigrant Years
1	2697	10	9.19	109	2933	10	11.37	88	1387	9	7.38	122	1
2	1956	10	8.90	112	2256	7	10.98	64	1064	11	7.72	142	2
3	1724	10	8.02	125	1974	9	10.10	89	956	9	7.46	120	3
4	1514	9	7.20	125	1775	10	9.43	106	852	6	7.22	83	4
5	1331	3	6.45	47	1603	5	8.83	57	757	7	6.87	102	5
1-5	9222	42	39.76	106	10491	41	50.77	81	5016	42	36.63	115	1-5
6-7	2324	7	10.91	64	2711	16	15.75	102	1241	11	12.49	88	6-7
8-10	2444	5	12.25	41	3094	15	20.06	75	1363	13	16.59	90	8-10
11-15	2516	8	13.48	59	3218	18	26.45	68	1304	16	21.77	73	11-15
16-24	1164	8	7.74	103	1612	12	19.58	61	626	14	16.38	83	16-24
1-24	17564	70	84.14	83	21126	102	132.53	77	9550	98	103.88	94	1-24

Ages at Entry					50-59				60 and over				
Immigrant Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immigrant Years
1	436	3	4.79	63	63	1	1.44	69	7516	33	34.17	97	1
2	331	5	4.86	103	52	2	1.58	127	5609	35	34.04	103	2
3	304	3	5.07	59	46	2	1.67	120	5004	33	32.32	102	3
4	272	4	4.98	80	38	1	1.52	66	4451	30	30.35	99	4
5	229	6	4.58	131	32	..	1.39	..	3952	21	28.12	75	5
1-5	1572	21	24.28	86	231	6	7.60	79	26532	152	159.00	96	1-5
6-7	358	7	8.21	122	53	2	2.66	75	6587	46	50.02	92	6-7
8-10	353	10	9.98	70	49	2	3.08	63	7303	44	61.96	71	8-10
11-15	287	10	11.22	89	53	3	4.58	109	7372	57	77.50	74	11-15
16-24	114	6	7.15	84	13	3	1.58	190	3529	43	52.43	82	16-24
1-24	2684	54	60.84	89	399	18	19.50	92	51323	342	400.91	85	1-24

TABLE III (Continued)
37—A. REMITTENT MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: SEVEN SOUTHERN STATES, ALL COUNTIES

Ages at Entry 15-19				20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	61	..	.19	315	1	1.04	373	..	1.31	317	3	1.13	1
2	47	1	.20	209	..	.94	250	3	1.15	221	2	1.06	2
3	42	..	.19	186	2	.86	221	2	1.04	190	2	.93	3
4	39	1	.18	164	2	.77	190	3	.91	163	3	.83	4
5	34	..	.16	138	..	.66	157	..	.77	138	1	.72	5
6	24	..	.11	110	..	.53	133	1	.65	123	1	.63	6
7	19	..	.09	91	..	.45	107	..	.54	102	2	.55	7
8	16	..	.08	70	..	.34	92	..	.46	87	..	.48	8
9	9	..	.04	48	..	.24	72	..	.37	67	..	.38	9
10	5	..	.02	38	..	.19	63	..	.33	50	1	.30	10
11	2	..	.01	31	..	.16	55	..	.29	41	..	.25	11
12	1	..	.00	29	1	.15	46	..	.25	35	..	.23	12
13	1	..	.00	18	..	.09	41	1	.23	29	..	.20	13
14	1	..	.00	17	..	.09	31	..	.18	28	..	.21	14
15	..	..	..	12	..	.06	24	..	.14	25	1	.20	15
16	..	..	..	12	1	.06	20	1	.12	18	..	.15	16
17	..	..	..	9	..	.05	16	..	.11	16	..	.15	17
18	..	..	..	5	..	.03	12	..	.08	14	..	.14	18
19	..	..	..	3	..	.02	9	..	.07	12	..	.13	19
20	..	..	..	3	..	.02	6	..	.05	10	1	.12	20
21	..	..	..	2	..	.01	4	..	.05	6	..	.08	21
22	..	..	..	2	..	.01	2	..	.02	4	..	.05	22
23	..	..	..	1	..	.01	2	..	.02	..	..	..	23
24	..	..	..	1	..	.01	..	..	..	..	..	..	24
1-5	223	2	.92	1012	5	4.27	1191	8	5.18	1026	11	4.69	1-5
6-24	78	..	.35	502	2	2.52	735	3	3.94	667	6	4.27	6-24

Ages at Entry 35-39				40-44			45-49			50-55			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	212	1	.87	145	..	.68	90	2	.58	37	2	.34	1
2	135	2	.70	105	..	.67	57	2	.50	23	1	.29	2
3	115	1	.62	100	..	.69	46	..	.44	20	..	.28	3
4	104	..	.59	92	1	.69	38	1	.40	17	1	.26	4
5	91	1	.54	79	..	.63	29	..	.33	13	1	.21	5
6	81	..	.50	69	2	.59	27	..	.33	9	..	.14	6
7	67	2	.44	61	2	.56	25	..	.33	8	..	.15	7
8	53	1	.37	52	..	.51	21	..	.30	6	..	.12	8
9	48	..	.36	45	..	.48	15	1	.23	6	..	.14	9
10	39	1	.31	41	1	.47	12	1	.20	6	1	.15	10
11	35	..	.30	35	1	.44	11	..	.20	5	..	.08	11
12	34	..	.31	31	..	.42	10	1	.20	2	..	.06	12
13	31	..	.30	27	2	.39	9	1	.19	1	..	.03	13
14	26	..	.28	22	..	.35	7	..	.16	1	..	.04	14
15	24	1	.28	20	1	.34	4	..	.10	1	..	.04	15
16	13	..	.16	14	..	.26	3	..	.08	1	..	.04	16
17	10	..	.14	11	1	.22	3	..	.09	1	1	.05	17
18	6	..	.09	9	..	.20	2	..	.07	..	..	..	18
19	5	..	.08	8	..	.19	2	..	.08	..	..	..	19
20	4	1	.07	6	..	.16	1	..	.04	..	..	..	20
21	2	..	.04	3	1	.09	..	..	..	..	..	..	21
22	2	..	.04	1	..	.03	..	..	..	..	..	..	22
23	2	..	.04	1	..	.04	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	657	5	3.32	521	1	3.36	200	5	2.25	110	5	1.38	1-5
6-24	482	6	4.11	456	11	5.74	152	4	2.60	45	2	1.06	6-24

TABLE III: (Continued)

37--A. REMITTENT MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: SEVEN SOUTHERN STATES, ALL COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	16	3	.20	8	..	.13	2	..	.04	1	..	.03	1	..	.03	1
2	9	..	.14	4	1	.08	2	..	.06	1	..	.06	2	..	.06	2
3	5	..	.09	3	..	.07	2	1	.06	1	1	.04	3	..	.04	3
4	4	..	.08	3	..	.08	..	..	..	..	..	..	4	..	..	4
5	4	1	.09	2	..	.06	..	..	..	..	..	..	5	..	..	5
6	3	..	.07	2	..	.06	..	..	..	..	..	..	6	..	..	6
7	2	1	.05	2	..	.07	..	..	..	..	..	..	7	..	..	7
8	1	..	.03	2	..	.08	..	..	..	..	..	..	8	..	..	8
9	..	..	..	2	..	.09	..	..	..	..	..	..	9	..	..	9
10	..	..	..	2	..	.09	..	..	..	..	..	..	10	..	..	10
11	..	..	..	1	..	.05	..	..	..	..	..	..	11	..	..	11
12	..	..	..	1	..	.06	..	..	..	..	..	..	12	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	38	4	.60	20	1	.42	6	1	.16	3	1	.11	1-5	..	..	1-5
6-24	6	1	.15	12	..	.50	..	..	..	..	..	..	6-24	..	..	6-24

SYNOPSIS

Ages at Entry					55-59				60-69				70 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	749	1	2.54	.39	524	4	2.02	.198	233	2	1.26	.159	1	..	..	1
2	506	4	2.29	.175	356	4	1.76	.227	162	2	1.17	.173	2	..	..	2
3	449	4	2.09	.191	305	3	1.53	.194	146	..	1.13	..	3	..	..	3
4	393	6	1.86	.323	269	3	1.42	.211	130	2	1.09	.183	4	..	..	4
5	329	..	1.59	..	229	2	1.26	.159	108	..	.96	..	5	..	..	5
1-5	2426	13	10.37	.145	1683	16	8.01	.200	781	6	5.61	.107	1-5	..	..	1-5
6-7	484	1	2.37	.42	373	5	2.14	.234	182	4	1.81	.221	6-7	..	..	6-7
8-10	413	..	2.07	..	344	3	2.20	.186	186	3	2.19	.137	8-10	..	..	8-10
11-15	309	2	1.65	.121	308	2	2.56	.78	176	6	2.79	.215	11-15	..	..	11-15
16-24	109	2	.77	.278	124	2	1.48	.135	64	2	1.55	.129	16-24	..	..	16-24
1-24	3741	20	17.18	.116	2832	28	16.39	.171	1389	21	13.95	.151	1-24	..	..	1-24

Ages at Entry					60 and over				All Ages at Entry				All Ages at Entry			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	61	5	.67	.746	3	..	.07	..	1572	12	6.56	.183	1	..	..	1
2	36	2	.51	.392	3	..	.10	..	1063	12	5.83	.206	2	..	..	2
3	28	..	.44	..	3	2	.10	.2000	931	9	5.31	.169	3	..	..	3
4	24	1	.42	.238	..	..	..	..	816	12	4.79	.251	4	..	..	4
5	19	2	.36	.556	..	..	..	..	685	4	4.17	.96	5	..	..	5
1-5	168	10	2.60	.417	9	2	.27	.741	5067	49	26.66	.184	1-5	..	..	1-5
6-7	26	1	.56	.179	..	..	..	..	1065	11	6.88	.160	6-7	..	..	6-7
8-10	23	1	.70	.143	..	..	..	..	968	7	7.16	.98	8-10	..	..	8-10
11-15	10	..	.56	..	..	..	..	..	803	10	7.36	.136	11-15	..	..	11-15
16-24	2	1	.09	.1111	..	..	..	..	299	7	3.84	.182	16-24	..	..	16-24
1-24	231	13	4.11	.316	9	2	.27	.741	8202	84	51.90	.162	1-24	..	..	1-24

TABLE III (Continued)
37—D, G, D. REMITTENT MALARIAL FEVER: ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION
HABITAT: SEVEN SOUTHERN STATES, ALL COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	69	..	.21	348	3	1.15	523	1	1.83	532	4	1.97	1	1.97	1	1
2	47	1	.20	204	2	.92	344	2	1.58	347	..	1.67	2	1.67	2	2
3	40	..	.18	171	2	.79	298	2	1.40	294	..	1.44	3	1.44	3	3
4	34	..	.16	143	..	.67	259	..	1.24	254	1	1.27	4	1.27	4	4
5	29	..	.13	115	2	.55	221	1	1.08	228	..	1.19	5	1.19	5	5
6	21	..	.10	95	1	.44	175	1	.86	193	1	1.02	6	1.02	6	6
7	16	..	.08	79	..	.39	146	1	.73	155	1	.84	7	.84	7	7
8	13	1	.04	68	..	.33	123	..	.62	129	2	.71	8	.71	8	8
9	6	..	.03	57	..	.25	106	1	.54	106	1	.60	9	.60	9	9
10	4	..	.02	41	1	.20	84	..	.44	99	..	.58	10	.58	10	10
11	4	..	.02	35	..	.18	76	..	.40	86	1	.53	11	.53	11	11
12	3	..	.01	32	..	.16	71	2	.38	73	1	.48	12	.48	12	12
13	3	..	.01	21	..	.11	61	..	.34	65	1	.44	13	.44	13	13
14	2	..	.01	19	..	.10	54	2	.31	54	..	.41	14	.41	14	14
15	2	..	.01	15	..	.08	44	2	.26	45	..	.36	15	.36	15	15
16	2	..	.01	10	..	.05	34	..	.21	34	..	.29	16	.29	16	16
17	1	..	.01	7	..	.04	30	..	.20	26	..	.24	17	.24	17	17
18	1	..	.01	5	..	.03	21	..	.15	21	..	.21	18	.21	18	18
19	1	..	.01	2	..	.01	13	..	.10	12	..	.13	19	.13	19	19
20	1	..	.01	2	..	.01	11	..	.09	5	..	.06	20	.06	20	20
21	..	..	..	1	..	.01	5	..	.04	4	..	.05	21	.05	21	21
22	..	..	..	1	..	.01	3	..	.03	1	..	.01	22	.01	22	22
23	..	..	..	1	..	.01	1	..	.01	..	..	..	23	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	219	1	.88	981	9	4.08	1645	6	7.13	1655	5	7.34	1-5	7.34	1-5	1-5
6-24	80	1	.40	486	2	2.43	1058	9	5.71	1106	8	6.96	6-24	6.96	6-24	6-24

Ages at Entry				35-39			40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	445	1	1.82	311	4	1.46	188	3	1.20	74	1	.67	1	.67	1	1
2	299	2	1.55	205	3	1.31	119	1	1.05	50	2	.63	2	.63	2	2
3	265	4	1.43	178	1	1.23	103	..	.98	43	..	.59	3	.59	3	3
4	221	2	1.26	162	..	1.22	90	..	.94	38	1	.57	4	.57	4	4
5	184	1	1.09	144	1	1.15	82	..	.93	33	1	.54	5	.54	5	5
6	160	..	.99	119	2	1.01	71	1	.87	30	..	.53	6	.53	6	6
7	145	..	.96	100	..	.91	60	2	.79	24	1	.46	7	.46	7	7
8	127	1	.89	88	..	.86	53	1	.76	18	..	.37	8	.37	8	8
9	106	1	.80	70	..	.74	44	2	.68	15	..	.34	9	.34	9	9
10	96	1	.77	54	1	.62	39	2	.65	12	..	.30	10	.30	10	10
11	80	..	.68	45	1	.56	29	1	.52	10	..	.27	11	.27	11	11
12	73	..	.66	39	..	.53	24	..	.47	8	1	.24	12	.24	12	12
13	65	1	.64	36	..	.53	21	..	.45	5	1	.17	13	.17	13	13
14	55	2	.58	31	1	.49	17	1	.40	2	..	.07	14	.07	14	14
15	41	..	.47	25	..	.43	13	..	.33	1	..	.04	15	.04	15	15
16	31	..	.39	20	2	.37	11	..	.31	1	1	.04	16	.04	16	16
17	24	1	.32	13	..	.26	8	1	.25	..	..	..	17	..	17	17
18	19	..	.28	10	..	.22	4	1	.14	..	..	..	18	..	18	18
19	14	1	.22	8	..	.19	2	..	.08	..	..	..	19	..	19	19
20	10	..	.17	5	..	.13	2	1	.08	..	..	..	20	..	20	20
21	4	..	.07	2	..	.06	1	..	.05	..	..	..	21	..	21	21
22	4	..	.08	1	..	.03	1	..	.05	..	..	..	22	..	22	22
23	3	..	.07	..	..	..	..	..	..	..	..	..	23	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	1414	10	7.15	1000	9	6.37	582	4	5.10	238	5	3.00	1-5	3.00	1-5	1-5
6-24	1057	8	9.04	666	7	7.94	400	13	6.88	126	4	2.33	6-24	2.33	6-24	6-24

TABLE III (Continued)

37—B, C, D. REMITTENT MALARIAL FEVER: ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION

HABITAT: SEVEN SOUTHERN STATES, ALL COUNTIES

54-56				57-59				60-62				63 and over			
Ages at Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths
1	37	..	.43	16	..	.26	7	1	.14	11	..	.36	1	..	.36
2	21	..	.33	9	..	.18	5	..	.14	7	..	.27	2	..	.27
3	19	1	.33	9	..	.22	5	..	.16	5	..	.23	3	..	.23
4	16	..	.32	7	..	.18	4	..	.14	6	..	.20	4	..	.20
5	14	..	.31	6	..	.17	4	..	.16	3	..	.17	5	..	.17
6	10	..	.24	4	..	.13	3	..	.13	3	..	.18	6	..	.18
7	9	..	.24	4	1	.14	3	..	.14	3	..	.20	7	..	.20
8	4	..	.12	3	..	.12	3	..	.15	3	..	.21	8	..	.21
9	4	..	.13	2	..	.09	3	..	.17	2	1	.14	9	..	.14
10	4	..	.14	2	..	.09	3	..	.19	1	..	.08	10	..	.08
11	3	..	.12	2	..	.10	2	..	.13	1	..	.08	11	..	.08
12	3	..	.13	1	..	.06	2	..	.14	1	..	.09	12	..	.09
13	2	..	.09	1	1	.06	2	..	.16	1	..	.10	13	..	.10
14	1	..	.05	..	..	..	1	..	.08	1	..	.11	14	..	.11
15	1	..	.06	..	..	..	1	..	.09	1	..	.12	15	..	.12
16	1	..	.06	..	..	..	..	..	..	1	..	.13	16	..	.13
17	1	..	.07	..	..	..	..	..	..	1	..	.14	17	..	.14
18	1	..	.07	..	..	..	..	..	..	1	..	.15	18	..	.15
19	..	..	..	..	..	..	..	..	..	1	1	.16	19	..	.16
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..
1-5	107	1	1.76	47	..	1.01	25	1	.74	30	..	1.17	1-5	..	1-5
6-24	44	..	1.52	19	2	.79	23	..	1.38	21	2	1.89	6-24	..	6-24

SYNOPSIS

15-29					30-39					40-49				
Ages at Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths
1	940	4	3.19	123	977	3	3.79	132	499	7	2.66	263	1	..
2	595	5	2.70	183	646	2	3.22	62	324	4	2.36	169	2	..
3	509	4	2.37	169	559	4	2.87	139	281	1	2.21	45	3	..
4	436	..	2.07	..	473	3	2.53	119	252	..	2.16	..	4	..
5	365	3	1.76	170	412	1	2.28	44	226	1	2.08	48	5	..
1-5	2843	16	12.09	132	3069	15	14.69	102	1582	13	11.47	113	1-5	..
6-7	532	3	2.62	115	653	2	3.81	52	350	5	3.38	140	6-7	..
8-10	497	3	2.49	120	663	6	4.35	138	348	6	4.31	139	8-10	..
11-15	442	6	2.38	252	635	6	5.25	114	280	4	4.71	83	11-15	..
16-24	153	..	1.05	..	212	2	2.59	77	88	5	2.22	225	16-24	..
1-24	4469	28	20.63	136	5232	31	30.69	101	2648	33	26.29	126	1-24	..

50-59					60 and over					All Ages at Entry				
Ages at Entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths
1	127	1	1.38	77	18	1	.44	227	2561	18	11.46	157	1	..
2	80	2	1.14	175	12	..	.41	..	1657	13	9.83	132	2	..
3	71	1	1.16	86	10	..	.39	..	1430	10	9.00	111	3	..
4	61	1	1.07	93	8	..	.34	..	1232	4	8.17	49	4	..
5	53	1	1.02	98	7	..	.33	..	1063	6	7.47	80	5	..
1-5	392	6	5.77	104	55	1	1.91	52	7943	51	45.93	111	1-5	..
6-7	81	2	1.74	115	12	..	.65	..	1628	12	12.40	97	6-7	..
8-10	64	..	1.70	..	15	1	.94	106	1587	16	13.79	116	8-10	..
11-15	40	3	1.46	205	13	..	1.10	..	1410	19	14.90	128	11-15	..
16-24	4	1	.24	417	4	1	.58	172	461	9	6.68	135	16-24	..
1-24	581	12	10.91	110	99	3	5.18	58	13029	107	93.70	114	1-24	..

TABLE III (Continued)

37-A. REMITTENT MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				35-39			40-44			45-49			50-54			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	64	1	.20	360	..	1.19	434	4	1.52	417	..	1.54	1	..	1.54	1
2	46	..	.20	248	2	1.12	314	1	1.44	311	1	1.49	2	..	1.49	2
3	42	..	.19	216	3	.99	276	3	1.30	274	1	1.34	3	..	1.34	3
4	35	..	.16	191	..	.90	232	..	1.11	247	2	1.24	4	..	1.24	4
5	32	..	.15	166	..	.80	212	2	1.04	215	..	1.12	5	..	1.12	5
6	31	..	.15	146	..	.70	194	1	.95	187	2	.99	6	..	.99	6
7	23	1	.11	126	..	.62	170	1	.85	169	..	.91	7	..	.91	7
8	18	..	.08	114	..	.56	153	1	.77	146	..	.80	8	..	.80	8
9	14	..	.07	100	..	.49	137	..	.70	135	..	.77	9	..	.77	9
10	12	..	.06	87	1	.43	119	..	.62	123	..	.73	10	..	.73	10
11	7	..	.03	75	..	.38	102	..	.54	106	1	.66	11	..	.66	11
12	7	..	.03	68	..	.34	89	1	.48	94	..	.62	12	..	.62	12
13	7	..	.03	62	..	.32	78	..	.43	84	..	.59	13	..	.59	13
14	7	..	.03	51	..	.27	70	..	.40	70	1	.53	14	..	.53	14
15	6	..	.03	44	..	.23	60	..	.35	64	..	.51	15	..	.51	15
16	5	1	.03	33	..	.18	50	..	.31	54	..	.46	16	..	.46	16
17	3	..	.02	28	..	.15	37	..	.24	47	..	.43	17	..	.43	17
18	3	..	.02	22	..	.12	29	1	.20	41	..	.40	18	..	.40	18
19	1	..	.01	15	..	.09	19	..	.14	34	2	.36	19	..	.36	19
20	1	..	.01	13	..	.08	14	..	.11	26	..	.30	20	..	.30	20
21	..	..	..	6	1	.04	6	..	.05	10	..	.13	21	..	.13	21
22	..	..	..	2	..	.01	5	..	.05	5	..	.07	22	..	.07	22
23	..	..	..	1	..	.01	..	..	..	5	..	.07	23	..	.07	23
24	..	..	..	..	..	..	..	..	..	2	..	.03	24	..	.03	24
1-5	219	1	.90	1181	5	5.00	1468	10	6.41	1464	4	6.73	1-5	..	6.73	1-5
6-24	145	2	.71	993	2	5.02	1332	5	7.19	1407	6	9.36	6-24	..	9.36	6-24

Ages at Entry				40-44			45-49			50-54			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	272	..	1.12	169	2	.79	90	..	.58	46	..	.42	1
2	203	1	1.06	119	4	.76	67	3	.59	37	2	.40	2
3	181	..	.98	107	2	.74	57	..	.54	28	..	.39	3
4	164	..	.93	96	..	.72	54	..	.50	23	..	.35	4
5	150	..	.89	85	1	.68	49	2	.55	19	..	.31	5
6	131	2	.81	66	..	.56	44	..	.54	18	1	.32	6
7	112	..	.74	63	1	.57	36	..	.48	15	..	.29	7
8	98	1	.69	54	2	.53	30	1	.43	13	..	.27	8
9	88	..	.66	44	1	.47	29	3	.45	12	1	.27	9
10	81	3	.65	38	..	.44	23	1	.38	9	..	.22	10
11	68	1	.58	33	1	.41	20	..	.36	7	..	.19	11
12	62	..	.56	29	1	.39	16	..	.31	6	..	.18	12
13	56	..	.55	26	..	.38	13	..	.28	5	..	.17	13
14	44	..	.47	25	..	.40	11	..	.26	5	..	.18	14
15	40	..	.46	22	1	.38	9	..	.23	4	..	.16	15
16	36	..	.45	17	..	.31	6	..	.17	3	..	.13	16
17	33	..	.45	16	..	.32	5	..	.16	3	..	.15	17
18	28	..	.41	11	..	.24	5	..	.17	3	..	.16	18
19	24	1	.38	10	..	.24	4	..	.15	3	..	.17	19
20	20	..	.34	6	..	.16	4	..	.17	2	..	.13	20
21	9	..	.17	2	..	.06	2	..	.09	2	..	.14	21
22	4	..	.08	..	..	..	2	..	.10	..	..	..	22
23	2	..	.04	..	..	..	1	..	.06	..	..	..	23
24	2	..	.05	..	..	..	..	..	..	..	..	..	24
1-5	970	1	4.98	576	9	3.69	317	5	2.82	148	2	1.87	1-5
6-24	938	8	8.54	462	7	5.86	260	5	4.79	110	2	3.13	6-24

TABLE III (Continued)

37—A. REMITTENT MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				54-56			57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	21	1	.26	11	..	.18	7	..	.14	3	..	.08	1	..	.08	1
2	14	1	.27	11	..	.22	7	..	.19	2	..	.07	2	..	.07	2
3	13	..	.24	10	..	.24	7	..	.22	2	..	.09	3	..	.09	3
4	10	2	.20	10	1	.26	6	..	.21	2	..	.09	4	..	.09	4
5	8	2	.18	8	..	.23	4	..	.16	2	..	.10	5	..	.10	5
6	5	..	.12	7	1	.22	4	..	.17	2	..	.11	6	..	.11	6
7	4	..	.11	6	1	.21	4	1	.19	2	1	.12	7	..	.12	7
8	4	..	.12	3	..	.12	3	..	.15	1	..	.07	8	..	.07	8
9	4	1	.13	2	..	.09	3	..	.17	1	..	.07	9	..	.07	9
10	2	..	.07	1	..	.05	3	..	.19	..	..	..	10	..	..	10
11	1	..	.04	..	..	..	3	..	.20	..	..	..	11	..	..	11
12	1	..	.04	..	..	..	3	..	.22	..	..	..	12	..	..	12
13	1	..	.05	..	..	..	3	..	.23	..	..	..	13	..	..	13
14	..	..	..	..	..	..	3	1	.25	..	..	..	14	..	..	14
15	..	..	..	..	..	..	1	..	.09	..	..	..	15	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	66	6	1.10	50	1	1.13	31	..	.92	11	..	.43	1-5	..	..	1-5
6-24	22	1	.68	19	2	.69	30	2	1.86	6	1	.37	6-24	..	..	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	858	5	2.91	172	689	..	2.66	..	259	2	1.37	146	1
2	608	3	2.76	109	514	2	2.55	78	186	7	1.35	519	2
3	534	6	2.48	242	453	1	2.32	43	164	2	1.28	156	3
4	458	..	2.17	..	411	2	2.17	92	150	..	1.28	..	4
5	410	2	1.99	101	365	..	2.01	..	134	3	1.23	244	5
1-5	2868	16	12.31	130	2434	5	11.71	43	893	14	6.51	215	1-5
6-7	690	3	3.38	89	599	4	3.45	116	209	1	2.15	47	6-7
8-10	754	2	3.78	33	671	4	4.30	93	218	8	2.70	296	8-10
11-15	733	1	3.89	26	688	3	5.53	54	204	3	3.40	88	11-15
16-24	293	3	1.87	169	382	3	4.62	65	91	..	2.40	..	16-24
1-24	5338	25	25.23	99	4774	19	29.61	64	1615	26	17.16	152	1-24

Ages at Entry		50-59			60 and over				All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	78	1	.86	116	10	..	.22	..	1894	8	8.02	100	1
2	57	3	.84	357	9	..	.26	..	1374	15	7.76	193	2
3	51	..	.87	..	9	..	.31	..	1213	9	7.26	124	3
4	43	3	.81	370	8	..	.30	..	1070	5	6.73	74	4
5	35	2	.72	278	6	..	.26	..	950	7	6.21	113	5
1-5	284	9	4.10	220	42	..	1.35	..	6501	44	35.98	127	1-5
6-7	55	3	1.27	236	17	2	.59	339	1565	13	10.84	120	6-7
8-10	50	2	1.34	149	11	..	.65	..	1704	16	12.77	123	8-10
11-15	30	..	1.01	..	13	1	.99	101	1668	8	14.82	54	11-15
16-24	16	..	.88	..	..	..	..	..	782	6	9.77	61	16-24
1-24	413	14	8.60	163	78	3	3.58	84	12220	87	84.18	163	1-24

TABLE III (Continued)

37-B, C, D. REMITTENT MALARIAL FEVER: ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION

HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry 35-39				39-43				43-49				50-54			
Inter-view Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Inter-view Years
1	58	..	..	23	559	2	1 94	1056	..	3 70	1132	..	4 19	1	
2	48	..	..	23	417	2	1 85	787	3	3 63	850	..	4 09	2	
3	42	..	..	19	367	..	1 69	701	3	3 25	727	..	3 81	3	
4	36	..	..	17	311	1	1 46	640	6	3 03	692	..	3 42	4	
5	33	..	..	35	262	..	1 76	573	3	2 76	629	..	3 27	5	
6	30	..	..	14	230	1	1 10	497	2	2 44	563	..	2 98	6	
7	24	..	..	32	209	1	94	441	..	2 21	495	..	2 67	7	
8	23	..	..	11	175	..	87	386	..	1 97	443	..	2 44	8	
9	17	..	..	68	155	..	76	349	2	1 70	405	..	2 31	9	
10	16	..	..	69	138	..	68	303	1	1 59	330	..	2 47	10	
11	12	..	..	66	118	..	59	278	..	1 47	300	..	1 94	11	
12	12	..	..	66	111	1	56	273	1	1 36	272	..	1 90	12	
13	11	..	..	65	90	3	48	230	..	1 21	249	..	1 67	13	
14	10	..	..	65	80	..	47	207	..	1 13	208	..	1 56	14	
15	8	..	..	62	66	..	33	170	..	1 00	185	..	1 30	15	
16	5	..	..	63	32	..	34	141	1	87	162	..	1 38	16	
17	5	..	..	63	46	..	23	117	..	77	133	..	1 21	17	
18	4	..	..	62	25	..	20	99	1	69	114	..	1 13	18	
19	3	..	..	61	30	..	17	76	..	57	91	..	96	19	
20	3	..	..	61	22	..	16	56	1	45	61	..	76	20	
21	1	..	..	61	14	..	9	32	..	27	26	..	53	21	
22	3	..	..	61	9	..	6	21	..	21	16	..	33	22	
23	2	..	..	61	5	..	6	10	1	10	7	..	16	23	
24	2	..	..	61	2	..	2	2	..	6	1	..	6	24	
1-5	277	..	..	53	141	5	3 20	3747	18	16 44	4081	18	14 81	1-5	
6-24	182	..	..	52	1591	6	3 05	3636	11	20 10	4174	20	20 90	6-24	

Ages at Entry 35-39				39-43				43-49				50-54			
Inter-view Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Inter-view Years
1	937	..	3 92	652	4	3 07	389	3	2 47	201	1	1 33	1		
2	726	..	3 78	185	2	3 32	276	3	2 34	181	..	1 91	2		
3	634	..	3 42	172	3	3 26	256	4	2 43	142	..	1 91	3		
4	573	..	3 26	426	2	3 22	214	3	2 23	129	..	1 22	4		
5	515	..	3 04	384	1	3 47	186	3	2 10	103	..	1 71	5		
6	447	..	2 90	337	2	2 83	163	2	2 01	83	..	1 54	6		
7	413	..	2 74	293	4	2 67	147	1	1 87	33	1	1 43	7		
8	368	..	2 58	258	1	2 33	124	..	1 37	65	..	1 11	8		
9	333	..	2 40	228	2	2 45	116	1	1 29	55	..	1 24	9		
10	299	..	2 19	199	1	2 19	106	2	1 27	50	1	1 34	10		
11	261	..	2 22	159	3	1 99	94	1	1 70	41	1	1 12	11		
12	235	..	2 14	131	2	1 85	82	1	1 6	37	2	1 01	12		
13	213	..	2 09	124	1	1 81	69	3	1 48	26	..	99	13		
14	189	..	2 08	104	..	1 67	59	2	1 28	29	1	1 06	14		
15	196	..	1 81	95	..	1 62	50	..	1 39	20	..	80	15		
16	117	..	1 46	74	..	1 37	39	2	1 10	15	..	66	16		
17	108	..	1 36	66	..	1 33	31	2	97	34	1	58	17		
18	89	..	1 30	57	..	1 25	26	1	89	12	1	64	18		
19	79	..	1 42	47	2	1 03	18	1	65	10	1	53	19		
20	54	..	92	33	..	87	11	..	46	7	..	44	20		
21	28	..	52	19	2	55	6	..	27	6	..	41	21		
22	16	..	32	12	..	39	5	..	25	3	1	22	22		
23	8	..	11	4	..	24	3	..	17	2	..	16	23		
24	2	..	12	..	..	..	2	..	12	1	..	6	24		
1-5	3404	16	17 42	2458	12	15 94	1334	13	11 79	779	8	9 33	1-5		
6-24	2428	29	30 69	2231	19	28 51	1448	19	21 58	560	13	15 73	6-24		

TABLE III (Continued)

37—B, C, D. REMITTENT MALARIAL FEVER: ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION

HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				57-59				60-62				63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	87	1	1.06	51	..	.82	32	..	.66	21	1	.56	1	1	1
2	67	1	1.06	40	..	.82	29	2	.80	14	..	.52	2	2	2
3	63	1	1.15	37	1	.89	24	2	.77	13	..	.58	3	3	3
4	58	1	1.17	33	..	.87	19	1	.67	11	..	.53	4	4	4
5	52	1	1.14	27	..	.79	17	..	.66	9	..	.46	5	5	5
6	42	1	1.01	26	..	.83	13	..	.56	9	..	.51	6	6	6
7	32	2	.84	24	1	.85	12	..	.57	7	..	.43	7	7	7
8	25	2	.73	21	1	.87	8	1	.41	7	..	.47	8	8	8
9	21	..	.67	16	..	.69	6	1	.34	6	..	.43	9	9	9
10	15	..	.53	14	..	.66	5	..	.31	6	..	.47	10	10	10
11	12	..	.47	10	..	.52	4	..	.27	6	1	.51	11	11	11
12	11	1	.47	9	..	.51	4	..	.29	5	..	.46	12	12	12
13	9	1	.42	9	..	.56	3	..	.23	5	1	.50	13	13	13
14	7	1	.36	8	1	.53	3	..	.23	4	1	.43	14	14	14
15	4	..	.23	5	..	.36	3	..	.28	3	1	.35	15	15	15
16	2	..	.12	4	..	.31	3	1	.30	..	..	..	16	16	16
17	2	..	.13	4	1	.34	2	..	.22	..	..	..	17	17	17
18	2	..	.14	3	..	.28	2	..	.23	..	..	..	18	18	18
19	2	..	.16	2	..	.20	2	..	.25	..	..	..	19	19	19
20	2	..	.17	1	1	.11	2	1	.27	..	..	..	20	20	20
21	1	..	.09	..	..	..	1	..	.13	..	..	..	21	21	21
22	1	..	.10	..	..	..	1	1	.16	..	..	..	22	22	22
23	1	..	.11	..	..	..	..	..	..	..	..	..	23	23	23
24	1	..	.12	..	..	..	..	..	..	..	..	..	24	24	24
1-5	327	5	5.58	188	1	4.19	121	5	3.56	68	1	2.65	1-5	1-5	1-5
6-24	192	8	6.87	156	5	7.57	74	5	5.09	58	4	4.56	6-24	6-24	6-24

SYNOPSIS

15-29					30-39					40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	1713	5	5.83	85	2089	9	8.11	111	1042	7	5.56	126	1	
2	1247	7	5.68	123	1576	5	7.86	64	808	4	5.86	68	2	
3	1110	3	5.17	58	1411	7	7.23	97	729	7	5.69	123	3	
4	987	7	4.70	149	1264	8	6.72	119	643	5	5.45	92	4	
5	858	1	4.17	24	1144	5	6.31	79	570	4	5.17	77	5	
1-5	5913	25	25.57	90	7484	34	36.23	94	3792	27	27.75	97	1-5	
6-7	1423	4	6.99	57	1940	12	11.29	106	933	9	9.38	96	6-7	
8-10	1567	5	7.88	38	2198	10	14.29	70	1022	7	12.47	56	8-10	
11-15	1643	5	8.84	57	2264	14	18.67	75	975	12	16.40	73	11-15	
16-24	796	5	5.36	93	1100	8	13.34	69	449	10	11.84	84	16-24	
1-24	11344	40	54.64	73	14986	78	93.82	83	7171	65	77.82	84	1-24	

Ages at Entry					60 and over					All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	339	2	3.71	54	53	1	1.22	87	5236	24	24.45	98	1	
2	260	2	3.79	53	43	2	1.32	152	3934	20	24.51	82	2	
3	242	3	4.00	75	37	2	1.35	148	3529	22	23.44	94	3	
4	219	1	3.96	25	30	1	1.20	83	3143	22	27.03	100	4	
5	184	3	3.64	82	26	..	1.12	..	2782	13	20.41	64	5	
1-5	1244	13	19.10	58	189	6	6.21	97	18624	101	114.84	88	1-5	
6-7	287	7	6.50	108	41	..	2.07	..	4624	32	36.23	88	6-7	
8-10	282	4	7.92	51	38	2	2.43	82	5107	26	44.99	58	8-10	
11-15	241	9	9.51	95	40	4	3.57	112	5163	44	56.99	77	11-15	
16-24	98	6	6.26	96	13	3	1.58	190	2456	32	38.38	83	16-24	
1-24	2152	37	49.29	73	321	15	15.86	93	35974	233	291.43	83	1-24	

TABLE III (Continued)
35—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, DELTA COUNTIES

Ages at Entry				25-29				30-34				35-39			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths
1	62	—	.19	298	—	.98	191	2	1.39	309	—	1.14	1	—	1
2	41	—	.18	161	3	.81	272	2	1.29	182	1	.87	2	—	2
3	34	—	.15	134	1	.71	226	2	1.04	161	1	.79	3	—	3
4	29	—	.12	131	—	.62	196	1	.94	134	2	.67	4	—	4
5	22	—	.09	109	—	.53	146	—	.72	100	1	.53	5	—	5
6	17	—	.06	85	2	.41	110	3	.54	71	—	.38	6	—	6
7	11	—	.03	63	—	.31	88	1	.44	55	—	.30	7	—	7
8	8	—	.04	37	—	.28	69	1	.35	48	1	.26	8	—	8
9	6	—	.03	43	—	.23	58	—	.30	41	—	.23	9	—	9
10	2	—	.01	31	1	.17	52	—	.27	36	—	.18	10	—	10
11	2	—	.01	23	—	.12	40	1	.21	27	—	.17	11	—	11
12	1	—	.00	20	—	.10	32	—	.17	23	1	.15	12	—	12
13	1	—	.00	16	—	.08	27	—	.15	20	—	.14	13	—	13
14	1	—	.00	12	—	.06	24	—	.14	16	—	.12	14	—	14
15	1	—	.00	10	1	.05	23	1	.14	14	1	.11	15	—	15
16	—	—	—	4	—	.02	20	—	.12	11	—	.09	16	—	16
17	—	—	—	3	—	.01	18	—	.12	7	—	.09	17	—	17
18	—	—	—	—	—	.01	16	—	.11	5	—	.08	18	—	18
19	—	—	—	1	—	.01	13	—	.10	5	—	.05	19	—	19
20	—	—	—	3	—	.01	13	—	.10	4	1	.05	20	—	20
21	—	—	—	—	—	—	4	—	.03	—	—	—	21	—	21
22	—	—	—	—	—	—	—	—	—	—	—	—	22	—	22
23	—	—	—	—	—	—	—	—	—	—	—	—	23	—	23
24	—	—	—	—	—	—	—	—	—	—	—	—	24	—	24
1-5	188	—	.75	874	4	3.65	1237	7	5.34	894	8	3.99	1-5	—	1-5
6-24	46	—	.20	371	8	1.83	607	7	3.29	377	4	2.24	6-24	—	6-24

Ages at Entry				40-44				45-49				50-54			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths
1	217	1	.89	122	6	.57	89	—	.57	33	—	.30	1	—	1
2	160	2	.73	77	—	.49	57	—	.50	20	—	.25	2	—	2
3	111	—	.60	65	1	.45	47	2	.45	17	—	.23	3	—	3
4	94	1	.54	55	1	.41	37	1	.38	17	1	.26	4	—	4
5	75	—	.44	43	1	.34	32	—	.36	14	—	.23	5	—	5
6	57	1	.33	34	—	.29	22	—	.27	12	1	.20	6	—	6
7	43	—	.28	27	1	.25	21	—	.28	6	—	.11	7	—	7
8	36	1	.25	23	1	.23	16	2	.23	6	—	.12	8	—	8
9	28	—	.21	14	—	.15	12	—	.18	6	—	.14	9	—	9
10	25	—	.20	11	—	.13	8	—	.13	4	—	.10	10	—	10
11	18	—	.15	5	—	.06	8	—	.14	3	1	.08	11	—	11
12	13	—	.12	4	1	.05	4	—	.08	1	—	.03	12	—	12
13	12	—	.12	3	—	.04	2	—	.04	1	—	.03	13	—	13
14	11	—	.12	3	—	.05	1	—	.02	1	—	.04	14	—	14
15	9	—	.10	2	—	.03	1	—	.03	1	—	.04	15	—	15
16	7	1	.09	2	—	.04	1	—	.03	—	—	—	16	—	16
17	6	—	.08	2	—	.04	1	—	.03	—	—	—	17	—	17
18	3	—	.04	2	—	.04	1	—	.03	—	—	—	18	—	18
19	2	—	.03	2	—	.05	1	—	.04	—	—	—	19	—	19
20	2	—	.03	2	—	.05	1	—	.04	—	—	—	20	—	20
21	1	—	.02	—	—	—	1	—	.05	—	—	—	21	—	21
22	—	—	—	—	—	—	—	—	—	—	—	—	22	—	22
23	—	—	—	—	—	—	—	—	—	—	—	—	23	—	23
24	—	—	—	—	—	—	—	—	—	—	—	—	24	—	24
1-5	637	4	3.20	362	9	2.26	262	3	2.26	101	1	1.27	1-5	—	1-5
6-24	273	3	2.19	136	3	1.56	101	2	1.62	41	2	.90	6-24	—	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38-A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, DELTA COUNTIES

Ages at Entry				57-59			60-62			63 and over			
Inter- view Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Inter- view Years
1	7	..	.09	8	..	.13	1	..	.02	3	..	.08	1
2	5	..	.08	6	..	.12	1	..	.03	2	..	.07	2
3	5	..	.09	6	..	.14	..	..	..	1	..	.04	3
4	5	..	.10	4	..	.11	..	..	..	1	..	.05	4
5	4	..	.09	2	..	.06	..	..	..	1	..	.05	5
6	4	..	.10	2	1	.06	..	..	..	..	..	..	6
7	4	..	.11	1	..	.04	..	..	..	..	..	..	7
8	4	..	.12	1	..	.04	..	..	..	..	..	..	8
9	1	..	.03	1	..	.04	..	..	..	..	..	..	9
10	1	..	.04	1	..	.05	..	..	..	..	..	..	10
11	1	..	.04	1	..	.05	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	26	..	.45	26	..	.56	2	..	.05	8	..	.29	1-5
6-24	15	..	.44	7	1	.28	..	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry					50-59				40-49				
Inter- view Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter- view Years
1	757	2	2.56	78	526	4	2.03	197	211	6	1.14	526	1
2	494	3	2.24	223	372	3	1.60	188	134	..	.99	..	2
3	414	3	1.92	156	272	1	1.39	72	112	3	.90	333	3
4	356	1	1.69	59	228	3	1.21	248	92	2	.79	253	4
5	278	..	1.35	..	175	1	.96	104	75	1	.70	143	5
1-5	2299	11	9.76	113	1523	12	7.19	167	624	17	4.32	265	1-5
6-7	371	6	1.81	331	226	1	1.31	76	104	1	1.09	92	6-7
8-10	326	2	1.64	122	208	2	1.33	156	84	5	1.05	286	8-10
11-15	233	3	1.23	244	163	2	1.30	154	35	1	.54	185	11-15
16-24	94	..	.64	..	35	2	.59	339	16	..	.44	..	16-24
1-24	3323	22	15.08	146	2173	19	11.72	167	861	17	7.64	223	1-24

Ages at Entry					60 and over				All Ages at Entry				
Inter- view Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter- view Years
1	48	..	.52	..	4	..	.10	..	1546	12	6.35	189	1
2	31	..	.45	..	3	..	.10	..	984	8	5.38	149	2
3	28	..	.46	..	1	..	.04	..	827	7	4.71	149	3
4	26	1	.47	213	1	..	.05	..	702	7	4.21	166	4
5	20	..	.38	..	1	..	.05	..	549	2	3.44	58	5
1-5	153	1	2.28	44	10	..	.34	..	4609	36	24.09	149	1-5
6-7	29	2	.63	217	..	..	..	..	730	10	4.84	207	6-7
8-10	25	..	.68	..	..	..	..	..	643	7	4.70	149	8-10
11-15	9	1	.31	323	..	..	..	..	438	7	3.38	207	11-15
16-24	..	..	..	..	..	..	..	..	163	2	1.67	120	16-24
1-24	216	4	3.90	103	30	..	.34	..	6583	62	38.68	160	1-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—B, C, D, J. MALARIAL FEVER: * ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION OR AT AN INDEFINITE TIME IN THE PAST
HABITAT: ARKANSAS AND MISSISSIPPI, DELTA COUNTIES

DEATHS IN ARKANSAS AND MISSISSIPPI, DELTA COUNTIES															
Age at Entry				15-19			20-24			25-29			30-34		
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years		
1	53	..	.16	280	3	.92	415	6	1.45	420	2	1.53	1		
2	30	..	.13	156	1	.70	263	3	1.21	275	2	1.32	2		
3	26	..	.12	133	3	.61	222	1	1.04	237	4	1.16	3		
4	23	..	.11	115	1	.54	195	..	.94	199	3	1.00	4		
5	21	..	.10	95	1	.46	169	..	.83	167	1	.87	5		
6	17	..	.06	68	1	.33	138	2	.68	136	1	.72	6		
7	12	..	.06	57	..	.28	118	1	.39	115	..	.62	7		
8	9	..	.04	47	..	.23	97	..	.49	102	..	.56	8		
9	6	..	.03	39	..	.19	84	1	.43	91	1	.52	9		
10	5	..	.02	35	..	.17	73	..	.39	81	..	.48	10		
11	3	..	.01	22	..	.11	61	..	.32	58	..	.36	11		
12	1	..	.00	17	1	.09	51	..	.28	44	..	.29	12		
13	1	..	.00	12	..	.06	44	..	.24	42	..	.29	13		
14	1	..	.00	11	..	.06	36	..	.21	40	..	.30	14		
15	1	..	.00	10	..	.05	31	..	.18	30	1	.24	15		
16	..	..	..	5	..	.03	20	..	.12	20	..	.17	16		
17	..	..	..	4	..	.07	16	..	.11	18	..	.16	17		
18	..	..	..	2	..	.01	12	1	.08	13	1	.13	18		
19	..	..	..	1	..	.01	8	..	.06	9	..	.10	19		
20	..	..	..	1	..	.01	7	..	.06	8	..	.09	20		
21	..	..	..	..	..	..	2	..	.02	1	..	.01	21		
22	..	..	..	..	..	..	..	..	..	1	..	.01	22		
23	..	..	..	..	..	..	..	..	..	1	..	.01	23		
24	..	..	..	..	..	..	..	..	..	..	..	..	24		
1-5	153	..	.62	779	9	3.23	1264	10	5.47	1298	12	5.90	1-5		
6-24	51	..	.22	331	2	1.65	800	5	4.26	810	4	5.06	6-24		

Age at Entry		35-39		40-44		45-49		50-53		50-53		Insur- ance Years	
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	367	2	1.50	241	1	1.13	147	4	.94	72	2	.66	1
2	220	1	1.14	145	4	.93	100	2	.88	44	1	.55	2
3	192	1	1.04	125	..	.86	82	5	.78	36	1	.50	3
4	157	2	.89	101	..	.76	64	..	.67	30	..	.43	4
5	125	3	.74	82	..	.66	58	1	.66	27	..	.44	5
6	100	..	.62	64	..	.54	45	1	.55	23	..	.40	6
7	79	2	.52	56	..	.51	38	..	.50	18	1	.34	7
8	68	..	.48	45	..	.44	29	..	.41	11	..	.23	8
9	60	1	.45	38	..	.40	27	1	.42	11	2	.23	9
10	57	2	.46	34	..	.39	24	1	.40	9	..	.22	10
11	39	..	.33	24	1	.30	16	..	.29	6	1	.16	11
12	35	..	.32	17	..	.23	13	..	.25	4	..	.12	12
13	31	..	.30	14	..	.20	13	1	.28	3	..	.10	13
14	25	..	.24	10	..	.16	9	..	.21	3	..	.11	14
15	20	2	.23	9	..	.15	8	..	.21	3	1	.12	15
16	12	..	.15	7	..	.13	5	..	.14	2	..	.09	16
17	10	..	.14	7	..	.14	4	..	.12	2	..	.10	17
18	9	..	.13	5	..	.11	4	1	.14	2	..	.11	18
19	8	..	.13	4	..	.10	2	..	.08	2	..	.12	19
20	4	..	.07	3	..	.08	..	..	..	2	1	.13	20
21	1	..	.02	3	..	.09	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1061	9	5.31	694	5	4.34	451	12	3.93	209	4	2.60	1-5
6-24	556	7	4.59	340	1	3.97	237	5	4.00	101	6	2.60	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)

38-B, C, D, J. MALARIAL FEVER: * ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION OR AT AN INDEFINITE TIME IN THE PAST
HABITAT: ARKANSAS AND MISSISSIPPI, DELTA COUNTIES

Ages at Entry				54-56				57-59				60-62				63 and over				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years	
1	33	..	.40	14	..	.22	5	1	.30	2	..	.06	2	..	.06	2	..	.06	1	1
2	26	2	.41	7	..	.14	3	..	.08	2	..	.09	2	..	.09	2	..	.09	2	2
3	23	1	.42	6	1	.14	3	..	.10	2	..	.10	2	..	.10	2	..	.10	3	3
4	19	1	.38	5	..	.13	3	..	.11	1	..	.05	1	..	.05	4	..	.05	4	4
5	16	..	.35	5	..	.15	2	..	.08	1	..	.05	1	..	.05	5	..	.05	5	5
6	11	..	.26	3	..	.10	2	..	.09	1	..	.06	1	..	.06	6	..	.06	6	6
7	10	..	.26	3	..	.11	2	..	.09	1	..	.06	1	..	.06	7	..	.06	7	7
8	10	1	.29	2	..	.08	2	..	.10	1	..	.07	1	..	.07	8	..	.07	8	8
9	8	..	.26	1	..	.04	1	..	.06	1	..	.06	1	..	.07	9	..	.07	9	9
10	8	2	.28	1	..	.05	..	..	..	..	..	..	..	..	..	10	..	..	10	10
11	6	..	.23	1	..	.05	..	..	..	..	..	..	..	..	..	11	..	..	11	11
12	5	1	.21	1	..	.06	..	..	..	..	..	..	..	..	..	12	..	..	12	12
13	4	..	.19	1	..	.06	..	..	..	..	..	..	..	..	..	13	..	..	13	13
14	4	1	.21	1	..	.07	..	..	..	..	..	..	..	..	..	14	..	..	14	14
15	3	..	.17	1	1	.07	..	..	..	..	..	..	..	..	..	15	..	..	15	15
16	3	1	.19	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	16	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	17	17
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18	18
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19	19
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24	24
1-5	117	4	1.96	37	1	.78	16	1	.47	8	..	.35	8	..	.35	1-5	..	..	1-5	1-5
6-24	73	6	2.62	15	1	.69	7	..	.34	4	..	.26	4	..	.26	6-24	..	..	6-24	6-24

SYNOPSIS

Ages at Entry					15-29					30-39					40-49					Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	748	9	2.53	356	787	4	3.05	131	388	5	2.07	242	1	1	1	2.07	242	1	1	1
2	449	4	2.04	196	495	3	2.46	122	245	6	1.81	331	2	2	2	1.81	331	2	2	2
3	381	4	1.77	226	429	5	2.28	227	207	5	1.64	303	3	3	3	1.64	303	3	3	3
4	333	1	1.39	63	356	5	1.89	265	165	..	1.43	..	4	4	4	1.43	..	..	..	4
5	285	1	1.39	72	292	4	1.61	248	140	1	1.32	76	5	5	5	1.32	76	5	5	5
1-5	2196	19	9.32	204	2359	21	11.21	187	1143	17	8.27	206	1-5	1-5	1-5	8.27	206	1-5	1-5	1-5
6-7	403	4	2.00	200	436	3	2.48	121	203	1	2.10	48	6-7	6-7	6-7	2.10	48	6-7	6-7	6-7
8-10	397	1	1.99	30	459	4	2.95	136	197	2	2.46	81	8-10	8-10	8-10	2.46	81	8-10	8-10	8-10
11-15	302	1	1.61	62	362	3	2.90	103	133	2	2.28	88	11-15	11-15	11-15	2.28	88	11-15	11-15	11-15
16-24	78	1	.53	189	113	1	1.32	76	44	1	1.13	88	16-24	16-24	16-24	1.13	88	16-24	16-24	16-24
1-24	3378	26	15.45	168	3725	32	20.86	133	1722	23	16.24	142	1-24	1-24	1-24	16.24	142	1-24	1-24	1-24

Ages at Entry					50-59					60 and over					All Ages at Entry					Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	119	2	1.28	156	7	1	.16	623	2049	21	9.09	231	1	1	1	9.09	231	1	1	1
2	77	3	1.10	273	5	..	.17	..	1271	16	7.58	211	2	2	2	7.58	211	2	2	2
3	65	3	1.06	283	5	..	.20	..	1687	17	6.87	247	3	3	3	6.87	247	3	3	3
4	54	1	.96	104	4	..	.16	..	912	7	6.03	116	4	4	4	6.03	116	4	4	4
5	48	..	.94	..	3	..	.13	..	768	6	5.39	111	5	5	5	5.39	111	5	5	5
1-5	363	9	5.34	169	24	1	.82	122	6087	67	34.96	192	1-5	1-5	1-5	34.96	192	1-5	1-5	1-5
6-7	68	1	1.47	68	6	..	.30	..	1117	9	8.33	108	6-7	6-7	6-7	8.33	108	6-7	6-7	6-7
8-10	61	5	1.70	294	5	..	.30	..	1119	12	9.40	128	8-10	8-10	8-10	9.40	128	8-10	8-10	8-10
11-15	46	5	1.93	259	..	..	..	..	843	11	8.72	126	11-15	11-15	11-15	8.72	126	11-15	11-15	11-15
16-24	14	2	.81	247	..	..	..	..	251	5	3.79	132	16-24	16-24	16-24	3.79	132	16-24	16-24	16-24
1-24	557	22	11.25	196	33	1	1.42	70	9412	104	65.22	159	1-24	1-24	1-24	65.22	159	1-24	1-24	1-24

*Including coliform Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Paratyphoid and Bacillary Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: * ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Ages at Entry				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	222	1	.69	994	3	3.28	1087	8	3.80	880	4	3.26	1
2	157	..	.39	581	3	2.61	689	3	3.17	608	3	2.92	2
3	121	..	.54	508	2	2.34	595	2	2.80	518	3	2.54	3
4	95	1	.44	427	5	2.01	518	..	2.49	436	4	2.18	4
5	76	..	.33	334	3	1.60	420	5	2.06	354	4	1.84	5
6	65	1	.31	263	3	1.26	346	1	1.70	275	1	1.46	6
7	44	..	.21	202	2	.99	295	1	1.48	240	1	1.30	7
8	30	..	.14	162	1	.79	256	..	1.28	185	4	1.02	8
9	19	..	.09	128	1	.63	203	1	1.04	136	..	.78	9
10	12	..	.06	99	..	.49	167	1	.87	114	1	.67	10
11	6	..	.05	75	..	.38	128	1	.68	87	1	.54	11
12	5	..	.02	68	..	.34	106	2	.57	72	3	.48	12
13	3	..	.01	56	..	.29	78	1	.45	55	..	.39	13
14	3	..	.01	46	1	.24	65	..	.37	49	..	.37	14
15	2	..	.01	40	..	.21	53	1	.31	42	1	.34	15
16	1	..	.01	27	..	.15	36	..	.22	31	..	.26	16
17	1	..	.01	16	..	.09	24	1	.16	22	..	.20	17
18	..	..	..	7	..	.04	18	..	.13	21	..	.21	18
19	..	..	..	3	..	.02	16	..	.12	13	1	.14	19
20	..	..	..	2	..	.01	14	..	.11	11	..	.13	20
21	..	..	..	1	..	.01	8	1	.07	5	..	.06	21
22	..	..	..	1	..	.01	5	..	.05	4	..	.05	22
23	..	..	..	1	..	.01	1	..	.01	2	..	.03	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	651	2	2.61	2844	18	11.84	3309	18	14.32	2796	18	12.74	1-5
6-24	191	1	.91	1197	8	5.96	1819	13	9.60	1364	13	8.43	6-24

Ages at Entry				40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	603	5	2.47	367	2	1.72	214	5	1.37	106	2	.96	1
2	397	2	2.06	248	3	1.59	146	..	1.28	68	3	.85	2
3	342	1	1.85	218	2	1.50	125	..	1.19	59	2	.81	3
4	285	..	1.62	183	3	1.39	106	1	1.10	51	..	.77	4
5	227	1	1.34	154	2	1.23	92	3	1.04	43	1	.70	5
6	177	7	1.10	123	1	1.05	76	1	.93	35	1	.63	6
7	141	6	.93	97	..	.88	62	..	.82	28	1	.53	7
8	101	..	.71	77	1	.75	50	1	.72	21	..	.43	8
9	89	3	.67	56	..	.59	39	..	.60	17	1	.38	9
10	74	1	.59	44	2	.51	24	..	.40	10	1	.28	10
11	61	..	.52	33	2	.41	17	1	.31	5	..	.19	11
12	58	..	.53	28	..	.38	14	..	.27	2	..	.06	12
13	49	..	.48	25	..	.37	11	2	.24	2	..	.07	13
14	40	..	.42	21	1	.33	6	..	.14	1	..	.04	14
15	31	..	.36	16	..	.27	5	..	.13	1	1	.04	15
16	20	..	.25	10	..	.19	4	..	.11	..	..	..	16
17	18	..	.20	6	..	.12	4	..	.12	..	..	..	17
18	13	1	.19	5	..	.11	3	..	.10	..	..	..	18
19	10	..	.16	5	..	.12	3	..	.11	..	..	..	19
20	9	..	.15	3	..	.08	3	..	.13	..	..	..	20
21	3	..	.06	..	..	..	1	..	.05	..	..	..	21
22	2	..	.04	..	..	..	..	..	..	..	..	..	22
23	1	..	.02	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1854	9	9.34	1172	12	7.43	683	9	5.98	327	8	4.09	1-5
6-24	894	18	7.38	540	7	6.16	322	5	5.18	122	5	2.55	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermit-
tent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
35—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Ages at Entry				25-39				40-62				63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	41	2	.39	17	1	.27		9	..	.18		3	..	.06	1
2	28	1	.44	13	..	.27		6	..	.17		2	1	.07	2
3	26	..	.37	10	..	.24		5	..	.16		..	..	.06	3
4	16	..	.37	9	1	.24		4	..	.14		1	..	.05	4
5	12	2	.26	7	..	.20		3	1	.12		1	..	.05	5
6	9	..	.22	5	..	.16		2	..	.09		1	..	.06	6
7	5	..	.13	4	..	.14		2	..	.09		1	..	.05	7
8	5	..	.13	4	1	.16		2	..	.10		..	..	..	8
9	4	..	.13	3	..	.13		2	..	.11		..	..	..	9
10	4	..	.14	2	..	.09		2	..	.12		..	..	..	10
11	3	1	.12	1	..	.05		2	1	.13		..	..	..	11
12	2	1	.09	1	..	.06		1	..	.03		..	..	..	12
13	1	..	.03	1	..	.06		..	..	..		..	..	..	13
14	..	..	..	1	..	.07		..	..	..		..	..	..	14
15	..	..	..	1	..	.07		..	..	..		..	..	..	15
16	..	..	..	..	..	..		..	..	..		..	..	..	16
17	..	..	..	..	..	..		..	..	..		..	..	..	17
18	..	..	..	..	..	..		..	..	..		..	..	..	18
19	..	..	..	..	..	..		..	..	..		..	..	..	19
20	..	..	..	..	..	..		..	..	..		..	..	..	20
21	..	..	..	..	..	..		..	..	..		..	..	..	21
22	..	..	..	..	..	..		..	..	..		..	..	..	22
23	..	..	..	..	..	..		..	..	..		..	..	..	23
24	..	..	..	..	..	..		..	..	..		..	..	..	24
1-5	117	9	1.89	56	5	1.22		27	1	.77		8	1	.29	1-5
6-24	33	2	1.03	23	1	.99		13	1	.71		2	..	.13	6-24

SYNOPSIS

Ages at Entry				25-39				40-59				60-69			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	2303	14	7.77	180	1483	9	5.73	157	581	7	3.09	227	1	..	..
2	1407	6	6.37	94	1005	5	4.98	100	394	3	2.87	105	2	..	..
3	1224	4	5.68	70	860	4	4.39	91	343	2	2.69	74	3	..	..
4	1040	6	4.94	121	721	4	3.80	105	291	4	2.49	161	4	..	..
5	830	8	4.01	200	581	5	3.18	157	246	5	2.27	220	5	..	..
1-5	6804	38	28.77	132	4650	27	22.08	122	1855	21	13.41	157	1-5	..	..
6-7	1213	8	5.95	134	833	15	4.79	313	358	2	3.68	54	6-7	..	..
8-10	1076	4	5.39	74	699	9	4.44	203	290	4	3.57	112	8-10	..	..
11-15	734	6	3.90	154	544	5	6.43	113	176	6	2.85	211	11-15	..	..
16-24	182	2	1.23	163	182	2	2.15	93	47	..	1.24	..	16-24	..	..
1-24	10011	58	45.24	128	6908	58	37.39	153	2726	33	24.73	133	1-24	..	..

Ages at Entry				50-59				60 and over				All Ages at Entry			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	164	5	1.73	289	12	..	.26	..	4543	35	18.58	188	1	..	..
2	109	4	1.56	256	8	1	.24	417	2923	19	16.02	119	2	..	..
3	89	2	1.42	141	6	..	.20	..	2522	12	14.38	83	3	..	..
4	76	1	1.33	75	5	..	.19	..	2133	15	12.73	118	4	..	..
5	62	3	1.16	239	4	1	.17	588	1723	22	10.79	204	5	..	..
1-5	500	15	7.20	268	33	2	1.06	189	13844	103	72.52	142	1-5	..	..
6-7	86	2	1.79	112	6	..	.30	..	2498	27	16.51	164	6-7	..	..
8-10	70	3	1.86	161	6	..	.33	..	2143	20	15.59	126	8-10	..	..
11-15	22	3	.92	326	3	1	.20	500	1479	21	12.30	171	11-15	..	..
16-24	..	..	..	..	..	..	..	..	411	4	4.62	87	16-24	..	..
1-24	678	23	11.77	195	50	3	1.89	159	20373	175	121.54	144	1-24	..	..

*Including malarial fever and fever, fever and ague and intermittent fever, but excluding Pontiac and Bransford fevers.

TABLE III (Continued);
38—B. C. MALARIAL FEVER: * ONE ATTACK BETWEEN TWO AND TEN YEARS PRIOR TO APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	176	..	.55	907	5	2.99	1150	4	3.96	980	4	3.63				1
2	108	1	.46	525	6	2.36	688	2	3.16	642	4	3.08				2
3	93	..	.42	444	3	2.04	593	3	2.79	551	4	2.70				3
4	79	..	.36	376	2	1.77	520	3	2.50	463	..	2.32				4
5	55	..	.25	299	1	1.44	432	2	2.17	380	1	1.98				5
6	39	..	.18	247	1	1.19	351	5	1.72	304	1	1.61				6
7	27	..	.13	190	..	.93	296	3	1.48	257	1	1.39				7
8	21	..	.10	141	..	.69	242	4	1.21	210	1	1.16				8
9	17	..	.08	115	1	.56	197	..	1.00	172	1	.98				9
10	15	..	.07	96	..	.47	168	..	.87	149	2	.88				10
11	7	..	.03	81	..	.41	143	1	.76	121	1	.75				11
12	7	..	.03	67	1	.34	116	..	.63	100	..	.66				12
13	5	..	.02	52	..	.27	97	1	.53	87	..	.61				13
14	3	..	.01	42	..	.22	89	1	.51	74	..	.56				14
15	3	..	.01	34	..	.18	70	1	.41	67	..	.54				15
16	2	..	.01	22	1	.12	47	..	.29	46	..	.39				16
17	1	..	.01	17	..	.09	29	..	.19	38	..	.35				17
18	1	..	.01	12	..	.07	25	..	.18	25	..	.25				18
19	..	..	..	8	..	.05	16	..	.12	20	..	.21				19
20	..	..	..	6	..	.04	12	..	.10	16	..	.18				20
21	..	..	..	2	..	.01	5	..	.03	7	..	.09				21
22	..	..	..	1	..	.01	2	..	.02	4	..	.03				22
23	..	..	..	1	..	.01	..	..	..	3	1	.04				23
24	..	..	..	..	..	..	..	..	..	1	..	.02				24
1-5	511	1	2.04	2551	17	10.60	3363	14	14.53	3016	13	13.71				1-5
6-24	148	..	.69	1134	4	5.66	1903	16	10.05	1701	8	10.72				6-24

Ages at Entry				40-44				45-49				50-53				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	716	2	2.94	439	1	2.66	267	3	1.71	94	..	.86	..	..	.86	1
2	465	4	2.42	279	4	1.79	166	..	1.46	68	..	.35	..	..	.35	2
3	414	3	2.24	243	2	1.68	139	1	1.32	59	1	.81	..	..	.81	3
4	349	2	1.99	208	1	1.56	121	..	1.26	43	..	.65	..	..	.65	4
5	292	..	1.72	172	1	1.38	104	1	1.18	36	1	.59	..	..	.59	5
6	227	1	1.41	144	1	1.22	86	1	1.05	32	1	.56	..	..	.56	6
7	189	1	1.25	117	2	1.06	66	..	.87	26	2	.49	..	..	.49	7
8	158	1	1.11	91	..	.89	60	..	.86	22	..	.45	..	..	.45	8
9	140	1	1.05	73	1	.77	51	1	.79	17	1	.38	..	..	.38	9
10	129	..	1.03	63	2	.72	43	1	.72	13	2	.32	..	..	.32	10
11	109	2	.93	50	1	.65	36	1	.65	9	..	.24	..	..	.24	11
12	97	2	.88	37	1	.56	29	2	.57	7	..	.21	..	..	.21	12
13	84	1	.82	31	..	.45	23	..	.49	6	..	.20	..	..	.20	13
14	71	..	.75	27	..	.43	19	..	.44	4	..	.15	..	..	.15	14
15	61	1	.70	19	..	.32	18	..	.46	4	..	.16	..	..	.16	15
16	35	2	.44	15	1	.28	9	..	.28	4	..	.18	..	..	.18	16
17	24	1	.32	10	..	.20	6	..	.19	3	..	.15	..	..	.15	17
18	18	2	.26	7	1	.15	3	..	.10	2	1	.11	..	..	.11	18
19	12	..	.19	4	..	.10	1	..	.04	1	..	.06	..	..	.06	19
20	10	..	.17	4	..	.11	1	..	.04	..	..	..	..	..	..	20
21	5	..	.69	4	1	.12	1	..	.05	..	..	..	..	..	..	21
22	3	..	.06	2	..	.06	1	..	.05	..	..	..	..	..	..	22
23	1	..	.02	2	..	.07	..	..	..	..	..	..	..	..	..	23
24	1	..	.02	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	2236	11	11.31	1341	9	8.47	797	5	6.93	300	2	3.76	..	..	3.76	1-5
6-24	1374	15	11.50	700	11	8.08	453	6	7.67	150	7	3.66	..	..	3.66	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsing Fever.

TABLE III (Continued)

38—B. C. MALARIAL FEVER: * ONE ATTACK BETWEEN TWO AND TEN YEARS PRIOR TO APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

54-56				57-59			60-62			63 and over			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	50	2	.61	37	..	.43	15	..	.31	5	..	.14	1
2	38	2	.60	22	..	.45	11	1	.30	5	..	.20	2
3	33	..	.60	20	1	.48	9	..	.29	5	..	.24	3
4	28	..	.56	17	..	.45	8	1	.28	5	..	.26	4
5	26	..	.57	15	2	.44	6	..	.23	4	..	.23	5
6	22	1	.53	10	..	.32	6	4	.26	4	1	.23	6
7	20	..	.53	7	..	.25	2	..	.09	3	..	.20	7
8	18	2	.52	4	1	.16	2	..	.10	3	..	.21	8
9	12	..	.39	3	..	.13	2	..	.11	3	1	.23	9
10	10	1	.35	2	..	.09	1	..	.06	2	..	.18	10
11	8	1	.31	2	..	.10	1	..	.07	..	..	..	11
12	7	1	.30	2	1	.11	..	..	..	..	..	..	12
13	5	..	.24	1	..	.06	..	..	..	..	..	..	13
14	3	..	.15	1	..	.07	..	..	..	..	..	..	14
15	2	..	.11	1	..	.07	..	..	..	..	..	..	15
16	1	..	.06	..	..	..	..	..	..	..	..	..	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	18
19	1	..	.08	..	..	..	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	175	4	2.94	101	3	2.23	49	2	1.41	24	..	1.07	1-5
6-24	112	6	3.79	33	2	1.36	14	4	.69	15	2	1.07	6-24

SYNOPSIS

55-59					60-69				70-79				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	2213	9	7.50	120	1696	6	6.57	91	706	4	3.77	106	1
2	1321	9	5.98	151	1107	8	5.50	145	445	4	3.23	123	2
3	1130	6	5.25	114	965	7	4.94	142	332	3	3.00	100	3
4	975	5	4.63	108	812	2	4.31	46	329	1	2.82	35	4
5	786	3	3.81	79	672	1	3.70	27	276	2	2.56	78	5
1-5	6425	32	27.17	118	5232	24	25.02	96	2138	14	15.40	91	1-5
6-7	1150	9	5.63	160	977	4	5.66	71	413	4	4.29	93	6-7
8-10	1012	5	5.05	99	958	6	6.21	97	381	5	4.75	103	8-10
11-15	816	5	4.36	115	871	7	7.20	97	289	5	4.94	101	11-15
16-24	207	1	1.36	74	269	6	3.15	190	70	3	1.81	166	16-24
1-24	9610	52	43.57	119	8327	47	47.24	99	3291	31	31.10	100	1-24

80-89					90 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	171	2	1.90	103	20	..	.43	..	4806	21	20.19	104	1
2	128	2	1.90	105	16	1	.50	200	3017	24	17.13	140	2
3	112	2	1.89	106	14	..	.53	..	2603	18	15.61	111	3
4	88	..	1.66	..	13	1	.54	185	2217	9	13.96	64	4
5	77	3	1.60	188	10	..	.46	..	1821	9	12.13	74	5
1-5	376	9	8.93	101	73	2	2.48	81	14464	81	79.02	103	1-5
6-7	117	4	2.68	149	13	5	.80	625	2672	26	18.97	137	6-7
8-10	101	7	2.79	251	13	1	.89	112	2465	24	19.69	122	8-10
11-15	62	3	2.48	121	1	..	.07	..	2039	20	19.05	105	11-15
16-24	15	1	.86	116	..	..	..	..	561	11	7.18	153	16-24
1-24	871	24	17.76	135	103	8	4.24	189	22201	167	143.91	113	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—D. MALARIAL FEVER;* ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Age at Entry		15-19		20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	13	..	.04	129	..	.43	282	2	.99	364	2	1.33	1
2	6	..	.03	73	1	.33	186	..	.86	254	1	1.22	2
3	6	..	.03	67	1	.31	163	2	.77	226	..	1.11	3
4	6	..	.03	57	1	.27	142	..	.68	194	2	.97	4
5	6	..	.03	47	1	.23	123	..	.60	160	..	.83	5
6	5	..	.02	39	..	.19	111	..	.54	139	..	.74	6
7	2	..	.01	32	..	.16	100	1	.50	115	..	.62	7
8	1	..	.00	29	..	.14	90	..	.45	99	1	.54	8
9	1	..	.00	24	..	.12	74	1	.38	86	..	.49	9
10	1	..	.00	22	..	.11	66	1	.34	75	..	.44	10
11	..	..	..	18	1	.09	51	..	.27	67	..	.42	11
12	..	..	..	12	..	.06	39	1	.21	58	..	.38	12
13	..	..	..	5	..	.03	30	..	.17	48	1	.34	13
14	..	..	..	5	..	.03	23	..	.13	38	1	.29	14
15	..	..	..	4	..	.02	19	..	.11	32	..	.26	15
16	..	..	..	4	..	.02	12	..	.07	23	..	.20	16
17	..	..	..	1	..	.01	8	..	.05	20	..	.18	17
18	..	..	..	1	..	.01	5	..	.04	17	..	.17	18
19	..	..	..	..	..	..	5	..	.02	12	..	.13	19
20	..	..	..	..	..	..	3	..	.02	8	..	.09	20
21	..	..	..	..	..	..	2	..	.02	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	37	..	.16	373	4	1.57	896	4	3.90	1198	5	5.48	1-5
6-24	10	..	.03	196	1	.99	633	4	3.30	837	3	5.29	6-24

Age at Entry		35-39		40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	394	..	1.62	281	2	1.32	198	2	1.27	103	2	.94	1
2	254	2	1.32	170	..	1.09	127	..	1.12	64	1	.80	2
3	227	..	1.23	154	2	1.06	109	2	1.04	55	..	.76	3
4	202	2	1.15	134	..	1.01	91	..	.95	46	..	.65	4
5	168	..	.99	123	1	.98	77	..	.87	37	..	.66	5
6	143	..	.89	107	..	.91	64	2	.78	29	..	.51	6
7	122	1	.81	89	1	.81	58	..	.77	27	..	.51	7
8	107	1	.75	75	..	.74	51	1	.73	26	1	.54	8
9	90	..	.68	65	4	.69	42	1	.65	24	3	.54	9
10	79	1	.63	53	..	.61	36	2	.60	11	..	.27	10
11	69	1	.59	46	1	.58	28	..	.51	9	..	.24	11
12	57	..	.52	38	..	.51	23	1	.45	7	..	.21	12
13	53	1	.52	31	1	.45	18	..	.39	5	..	.17	13
14	47	..	.50	28	..	.44	17	1	.40	4	..	.15	14
15	35	1	.40	26	..	.44	10	..	.26	4	..	.16	15
16	21	..	.26	17	..	.31	6	1	.17	3	..	.13	16
17	15	..	.20	12	2	.24	4	..	.12	2	..	.13	17
18	7	..	.10	8	1	.18	3	..	.10	1	..	.05	18
19	4	..	.06	6	..	.14	3	..	.11	1	..	.06	19
20	3	..	.05	4	..	.11	2	..	.08	..	..	..	20
21	..	..	..	1	..	.03	1	..	.05	..	..	..	21
22	..	..	..	1	..	.03	1	..	.03	..	..	..	22
23	..	..	..	1	..	.04	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1245	4	6.31	862	5	5.46	602	5	5.25	305	3	3.79	1-5
6-24	852	6	6.96	608	10	7.26	367	9	6.22	153	6	3.64	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsing Fever.

TABLE III (Continued)
38-D. MALARIAL FEVER: ONE DECade MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Ages at Entry		34-36			37-39			40-42			43 and over		
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	37	1	.43	24	1	.38	8	..	.16	6	1	.16	1
2	24	..	.38	13	..	.27	7	..	.19	3	..	.13	2
3	23	1	.42	12	..	.29	6	..	.19	3	..	.13	3
4	19	1	.36	12	..	.32	3	..	.11	3	..	.15	4
5	14	..	.31	11	..	.32	3	1	.12	2	..	.10	5
6	13	..	.31	9	..	.29	1	..	.04	2	..	.11	6
7	12	..	.32	9	1	.32	1	..	.05	1	1	.06	7
8	9	..	.26	5	2	.20	1	..	.03	..	..	..	8
9	5	..	.16	3	..	.13	1	..	.06	..	..	..	9
10	5	2	.18	2	1	.05	1	..	.04	..	..	..	10
11	2	..	.08	1	..	.05	..	..	..	..	..	..	11
12	..	..	..	1	..	.06	..	..	..	..	..	..	12
13	..	..	..	1	..	.06	..	..	..	..	..	..	13
14	..	..	..	1	..	.07	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	117	3	1.94	72	1	1.54	27	2	.37	17	1	.48	1-5
6-24	46	2	1.31	32	9	1.27	5	..	.26	26	1	.17	6-24

SYNOPSIS

Ages at Entry		35-39				40-49				50 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	424	2	1.46	137	758	2	2.97	67	479	4	2.59	134	1
2	265	1	1.22	87	508	3	2.54	118	297	..	2.21	..	2
3	236	3	1.11	270	453	..	2.34	..	263	4	2.10	190	3
4	205	1	.98	102	396	4	2.12	189	225	..	1.96	..	4
5	176	1	.86	116	328	..	1.82	..	200	2	1.85	108	5
1-5	1306	8	5.63	142	2443	9	11.79	76	1464	10	10.71	93	1-5
6-7	289	1	1.42	70	519	1	3.06	33	318	3	3.27	92	6-7
8-10	308	2	1.54	130	536	3	3.53	85	322	8	4.02	199	8-10
11-15	206	2	1.12	179	504	5	4.22	118	268	4	4.43	90	11-15
16-24	36	..	.24	..	130	..	1.44	..	70	4	1.76	227	16-24
1-24	2145	13	9.93	131	4132	18	24.04	75	2439	29	24.19	120	1-24

Ages at Entry		50-59				60 and over				All Ages at Entry			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	164	4	1.77	226	14	1	.32	313	1839	13	9.11	143	1
2	101	1	1.45	69	10	1	.31	323	1181	6	7.73	78	2
3	90	1	1.47	65	9	..	.34	..	1651	8	7.36	109	3
4	77	1	1.39	72	6	..	.26	..	909	6	6.71	89	4
5	62	..	1.23	..	5	1	.22	455	771	4	5.98	67	5
1-5	494	7	7.31	96	44	3	1.45	207	5751	37	36.89	100	1-5
6-7	99	1	2.26	44	5	1	.26	385	1230	7	10.27	68	6-7
8-10	90	11	2.37	464	3	..	.17	..	1259	24	11.63	206	8-10
11-15	35	..	1.25	..	..	..	..	..	1010	11	11.02	100	11-15
16-24	7	..	.34	..	..	..	..	..	243	4	3.78	106	16-24
1-24	725	19	13.53	140	52	4	1.88	213	9493	83	73.59	113	1-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—J. MALARIAL FEVER,* ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	17	1	.05	133	1	.45	175	..	.61	184	1	.68	1	..	.68	1
2	9	..	.04	77	2	.35	113	..	.52	137	1	.64	2	..	.64	2
3	8	..	.04	68	1	.31	100	1	.47	123	1	.60	3	..	.60	3
4	7	..	.03	57	..	.27	83	2	.41	110	3	.55	4	..	.55	4
5	5	..	.03	50	..	.24	77	..	.38	96	..	.50	5	..	.50	5
6	5	..	.02	46	1	.22	69	..	.34	86	1	.46	6	..	.46	6
7	5	..	.02	42	..	.21	63	..	.32	78	1	.42	7	..	.42	7
8	5	..	.02	38	..	.19	61	1	.31	74	1	.41	8	..	.41	8
9	5	..	.02	33	..	.16	56	..	.29	69	1	.39	9	..	.39	9
10	5	..	.02	30	..	.15	52	..	.27	64	..	.38	10	..	.38	10
11	4	..	.02	27	..	.14	43	..	.23	57	..	.35	11	..	.35	11
12	3	..	.01	24	1	.12	38	..	.21	52	3	.34	12	..	.34	12
13	2	..	.01	19	..	.10	29	1	.16	47	1	.33	13	..	.33	13
14	2	..	.01	17	..	.09	22	..	.13	44	3	.33	14	..	.33	14
15	2	..	.01	14	..	.07	18	..	.11	38	..	.30	15	..	.30	15
16	1	..	.01	8	1	.04	15	1	.09	26	..	.22	16	..	.22	16
17	1	..	.01	7	..	.04	12	..	.08	21	..	.19	17	..	.19	17
18	1	..	.01	6	..	.03	6	..	.04	19	1	.19	18	..	.19	18
19	1	..	.01	4	..	.02	2	..	.02	12	..	.13	19	..	.13	19
20	1	..	.01	2	..	.01	2	..	.02	8	..	.09	20	..	.09	20
21	..	..	..	..	..	..	1	..	.01	3	..	.04	21	..	.04	21
22	..	..	..	..	..	..	1	..	.01	2	..	.03	22	..	.03	22
23	..	..	..	..	..	..	..	..	.01	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	48	1	.19	387	4	1.62	550	3	2.39	650	6	2.99	1-5	..	..	1-5
6-24	43	..	.21	317	3	1.59	491	3	2.65	700	12	4.60	6-24	..	..	6-24

Ages at Entry				35-39			40-44			45-49			50-53			Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	145	..	.59	99	1	.47	58	..	.37	32	..	.29	1	..	.29	1
2	91	..	.47	75	..	.48	38	..	.33	24	..	.30	2	..	.30	2
3	82	..	.44	68	..	.47	32	1	.30	21	..	.29	3	..	.29	3
4	72	..	.41	55	1	.41	28	..	.29	17	1	.26	4	..	.26	4
5	65	..	.38	50	..	.40	24	..	.27	15	1	.24	5	..	.24	5
6	60	..	.37	46	1	.39	21	..	.26	12	..	.21	6	..	.21	6
7	53	..	.35	38	..	.35	20	..	.26	10	..	.19	7	..	.19	7
8	52	1	.36	37	1	.36	18	..	.26	10	..	.21	8	..	.21	8
9	50	1	.38	33	2	.35	15	..	.23	8	..	.18	9	..	.18	9
10	45	1	.36	29	2	.33	12	..	.20	8	..	.20	10	..	.20	10
11	36	..	.31	22	1	.28	9	1	.16	6	..	.16	11	..	.16	11
12	32	..	.29	16	..	.22	8	1	.16	6	..	.18	12	..	.18	12
13	28	..	.27	14	..	.20	7	..	.15	5	..	.17	13	..	.17	13
14	25	..	.27	13	..	.21	7	..	.16	5	..	.18	14	..	.18	14
15	20	..	.23	9	..	.15	5	..	.13	5	..	.20	15	..	.20	15
16	15	..	.19	5	1	.09	5	..	.14	2	..	.09	16	..	.09	16
17	11	..	.15	4	..	.08	4	..	.12	2	..	.10	17	..	.10	17
18	7	..	.10	3	..	.07	4	..	.14	2	..	.11	18	..	.11	18
19	3	..	.05	2	..	.05	4	1	.15	2	..	.12	19	..	.12	19
20	3	..	.05	2	..	.05	2	..	.08	2	1	.13	20	..	.13	20
21	1	..	.02	1	..	.03	2	..	.09	1	..	.07	21	..	.07	21
22	1	..	.02	..	..	..	2	..	.10	..	..	..	22	..	..	22
23	1	..	.02	..	..	..	2	..	.11	..	..	..	23	..	..	23
24	..	..	..	..	..	..	1	..	.06	..	..	..	24	..	..	24
1-5	455	..	2.29	347	2	2.23	180	1	1.56	109	2	1.38	1-5	..	..	1-5
6-24	443	3	3.79	274	8	3.21	148	3	2.96	86	1	2.50	6-24	..	..	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—J. MALARIAL FEVER,* ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: ARKANSAS AND MISSISSIPPI, OTHER THAN DELTA COUNTIES

Ages at Entry				57-59				60-62				63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	16	..	.20	10	1	.16	3	..	.06	1	..	..	.03	1	1
2	10	..	.16	7	..	.14	3	..	.08	1	..	..	.06	2	2
3	9	..	.16	6	1	.14	2	..	.06	1	..	..	.04	3	3
4	7	1	.14	4	..	.11	2	..	.07	1	..	..	.05	4	4
5	5	..	.11	4	..	.12	2	..	.08	1	..	..	.05	5	5
6	5	..	.12	4	..	.13	2	1	.09	1	..	..	.06	6	6
7	4	1	.11	4	..	.14	..	..	..	1	..	..	.06	7	7
8	3	..	.09	4	..	.16	..	..	..	1	..	..	.07	8	8
9	3	..	.10	4	..	.17	..	..	..	1	1	..	.07	9	9
10	3	..	.11	3	..	.14	..	..	..	..	..	..	..	10	10
11	3	..	.12	2	..	.09	..	..	..	..	..	..	..	11	11
12	3	..	.13	2	..	.11	..	..	..	..	..	..	..	12	12
13	2	1	.09	2	..	.12	..	..	..	..	..	..	..	13	13
14	1	..	.05	2	..	.13	..	..	..	..	..	..	..	14	14
15	1	..	.06	2	..	.14	..	..	..	..	..	..	..	15	15
16	..	..	..	2	..	.16	..	..	..	..	..	..	..	16	16
17	..	..	..	2	..	.17	..	..	..	..	..	..	..	17	17
18	..	..	..	2	..	.18	..	..	..	..	..	..	..	18	18
19	..	..	..	2	..	.20	..	..	..	..	..	..	..	19	19
20	..	..	..	2	..	.22	..	..	..	..	..	..	..	20	20
21	..	..	..	1	1	.12	..	..	..	..	..	..	..	21	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	22	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	24	24
1-5	47	1	.77	31	2	.67	12	..	.35	5	..	..	.21	1-5	1-5
6-24	28	2	.98	40	1	2.39	2	1	.09	4	1	..	.26	6-24	6-24

SYNOPSIS

Ages at Entry					30-39					40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	327	2	1.11	180	329	1	1.27	79	157	1	.84	119	1	1
2	199	2	.91	220	228	1	1.13	85	113	..	.81	..	2	2
3	176	2	.82	244	205	1	1.04	96	160	1	.77	130	3	3
4	149	2	.71	282	182	3	.96	313	83	1	.70	143	4	4
5	134	..	.65	..	161	..	.88	..	74	..	.67	..	5	5
1-5	985	8	4.20	190	1105	6	5.28	114	527	3	3.79	79	1-5	1-5
6-7	230	1	1.13	88	277	2	1.60	125	125	1	1.26	79	6-7	6-7
8-10	283	1	1.43	70	354	5	2.28	219	144	5	1.73	289	8-10	8-10
11-15	264	2	1.42	141	379	7	3.02	232	110	3	1.82	163	11-15	11-15
16-24	72	2	.47	426	133	1	1.49	67	43	2	1.36	147	16-24	16-24
1-24	1836	14	8.65	162	2248	21	13.67	154	949	14	9.96	143	1-24	1-24

Ages at Entry					50 and over					All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	58	1	.65	134	4	..	.69	..	875	5	3.96	126	1	1
2	41	..	.60	..	4	..	.12	..	583	3	3.57	84	2	2
3	36	..	.59	169	3	..	.10	..	520	5	3.32	151	3	3
4	28	2	.51	292	3	..	.12	..	445	8	3.00	267	4	4
5	24	1	.47	213	3	..	.13	..	396	1	2.80	36	5	5
1-5	187	5	2.82	177	17	..	.56	..	3821	22	16.65	132	1-5	1-5
6-7	39	1	.90	111	4	1	.21	476	675	6	5.10	118	6-7	6-7
8-10	46	..	1.36	..	2	1	.14	714	831	12	6.94	173	8-10	8-10
11-15	47	1	1.94	52	..	..	..	..	800	13	8.70	159	11-15	11-15
16-24	22	2	1.67	120	..	..	..	..	270	7	4.99	140	16-24	16-24
1-24	343	9	8.69	104	23	2	.93	220	5397	60	41.83	143	1-24	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE 111 (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry				20-24			25-29			30-34			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	150	1	.47	532	7	1.76	643	5	2.25	529	4	1.96	1
2	102	..	.44	365	3	1.64	427	1	1.96	380	..	1.82	2
3	91	..	.41	316	2	1.43	370	2	1.74	329	3	1.61	3
4	80	..	.37	263	..	1.24	323	5	1.55	286	4	1.43	4
5	61	2	.28	231	1	1.11	266	3	1.30	247	..	1.28	5
6	42	..	.20	197	..	.95	217	4	1.06	219	1	1.16	6
7	35	..	.16	159	1	.78	178	1	.89	192	2	1.04	7
8	27	..	.13	127	1	.62	157	2	.79	157	2	.86	8
9	17	..	.08	102	1	.50	129	1	.66	124	1	.71	9
10	14	..	.07	80	1	.39	102	1	.53	104	2	.61	10
11	11	..	.05	65	1	.33	78	..	.41	82	1	.51	11
12	10	..	.05	55	..	.28	66	..	.36	71	2	.47	12
13	7	..	.03	39	1	.20	53	..	.29	58	..	.41	13
14	3	..	.01	26	..	.14	40	..	.23	49	..	.37	14
15	3	..	.01	20	..	.11	35	..	.21	42	..	.34	15
16	..	..	..	13	1	.07	21	..	.13	30	..	.26	16
17	..	..	..	8	..	.04	15	..	.10	22	..	.20	17
18	..	..	..	6	..	.03	8	..	.06	16	1	.16	18
19	..	..	..	3	..	.02	6	..	.05	11	..	.12	19
20	..	..	..	3	..	.02	2	..	.02	7	1	.08	20
21	..	..	..	1	..	.01	..	..	..	4	..	.05	21
22	..	..	..	1	..	.01	..	..	..	2	1	.03	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	484	3	1.97	1707	8	7.20	2029	16	8.80	1771	11	8.16	1-5
6-24	169	..	.79	905	7	4.50	1107	9	5.79	1190	14	7.38	6-24

Ages at Entry				40-44			45-49			50-54			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	343	..	1.41	219	3	1.03	133	2	.86	59	..	.54	1
2	243	4	1.26	154	1	.99	91	1	.80	40	..	.50	2
3	207	..	1.12	131	2	.90	80	2	.76	36	..	.50	3
4	174	4	.99	112	2	.84	66	2	.69	29	2	.44	4
5	151	1	.89	104	3	.83	58	1	.66	24	..	.39	5
6	134	..	.85	90	2	.77	49	1	.60	20	..	.35	6
7	115	..	.76	69	2	.63	41	1	.54	14	..	.27	7
8	99	3	.69	56	2	.55	37	1	.53	12	..	.25	8
9	74	1	.56	39	1	.41	30	1	.46	7	..	.16	9
10	64	1	.51	34	1	.39	25	..	.38	5	1	.12	10
11	50	..	.43	24	..	.30	20	1	.36	4	..	.11	11
12	46	2	.42	21	..	.28	17	1	.33	3	..	.09	12
13	32	..	.31	18	..	.26	13	..	.28	3	1	.10	13
14	29	1	.31	11	1	.17	12	1	.28	2	..	.07	14
15	27	1	.31	10	..	.17	10	..	.26	1	..	.04	15
16	22	2	.28	5	..	.09	7	..	.20	1	..	.04	16
17	15	..	.20	3	..	.06	4	..	.12	1	..	.05	17
18	13	2	.19	3	..	.07	3	..	.10	1	..	.05	18
19	6	..	.09	1	..	.02	3	1	.11	1	..	.06	19
20	4	..	.07	1	..	.03	1	..	.04	1	..	.06	20
21	2	..	.04	..	..	..	1	..	.05	1	..	.07	21
22	1	..	.02	..	..	..	1	..	.05	..	..	..	22
23	1	..	.02	..	..	..	1	..	.06	..	..	..	23
24	1	..	.02	..	..	..	1	..	.06	..	..	..	24
1-5	1118	9	5.67	720	11	4.59	430	8	3.77	188	2	2.37	1-5
6-24	735	13	6.06	385	9	4.20	274	8	4.81	77	2	1.89	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38 A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: LOUISIANA, ALL COUNTIES

Age at Entry					57-59					60-62					63 and over				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths			Exposed to Risk	Actual Deaths	Expected Deaths			Exposed to Risk	Actual Deaths	Expected Deaths		Immune Years
1	22	1	.27	7	...	...	.11	6	...	...	.12	2	...	...	...	...	.04	1	1
2	14	...	.22	4	...	...	.08	4	...	...	.11	3	...	...	...	...	.09	2	2
3	13	...	.24	4	...	...	.10	4	...	...	.13	3	...	...	...	...	.08	3	3
4	10	...	.20	4	1	...	.11	4	...	...	.14	1	...	...	...	...	.06	4	4
5	10	1	.22	3	1	...	.09	3	...	...	.12	1	...	...	...	...	.07	5	5
6	7	...	.17	2	...	...	.06	2	1	...	.13	...	...	...	...	...	.08	6	6
7	7	1	.18	1	...	...	.06	2	...	...	.09	1	...	...	...	...	.06	7	7
8	6	...	.17	1	...	...	.04	2	...	...	.10	...	...	...	...	...	...	8	8
9	3	...	.16	3	...	...	.04	1	...	...	.06	...	...	...	...	...	...	9	9
10	2	1	.07	1	...	...	.05	1	...	...	.06	...	...	...	...	...	...	10	10
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	11
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	12
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	13
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	14
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	15
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	16
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	17
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	18
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	19
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	20
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	21
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	22
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	23
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	24
1-5	69	2	1.15	22	2	...	.49	21	1	...	.63	7	1	...	...	...	.34	1-5	1-5
6-24	78	2	.66	6	...	...	.23	9	1	...	.44	3	...	...	...	...	.15	6-24	6-24

SYNOPSIS

Age at Entry					30-39					40-49					50-59				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	1325	8	4.48	179	872	4	3.37	119	354	5	1.89	263	1	1	...	...	...	...	1
2	894	4	4.04	99	623	4	3.08	130	245	2	1.79	112	2	2	...	...	...	...	2
3	777	4	3.60	111	536	3	2.73	110	211	4	1.66	241	3	3	...	...	...	...	3
4	666	5	3.16	138	460	8	2.42	331	178	4	1.53	261	4	4	...	...	...	...	4
5	558	6	2.69	223	398	1	2.17	46	162	4	1.49	268	5	5	...	...	...	...	5
1-5	4220	27	17.97	150	2889	20	13.77	145	1150	19	8.36	227	1-5	1-5	...	...	...	...	1-5
6-7	828	6	4.04	149	660	3	3.79	79	249	6	2.54	236	6-7	6-7	...	...	...	...	6-7
8-10	755	7	3.77	186	622	10	3.94	254	219	6	2.72	271	8-10	8-10	...	...	...	...	8-10
11-15	511	2	2.71	74	486	7	3.88	180	156	4	2.69	149	11-15	11-15	...	...	...	...	11-15
16-24	87	1	.56	179	157	7	1.83	383	35	1	1.06	94	16-24	16-24	...	...	...	...	16-24
1-24	6401	43	29.05	148	4814	47	27.21	173	1809	36	17.37	207	1-24	1-24	...	...	...	...	1-24

Age at Entry					60 and over					All Ages at Entry					All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	88	1	.92	109	8	1	.18	556	2647	19	10.84	173	1	1	...	...	...	...	1
2	58	...	.80	...	6	1	.20	500	1826	11	9.91	111	2	2	...	...	...	...	2
3	53	...	.84	...	5	...	.19	...	1582	11	9.07	122	3	3	...	...	...	...	3
4	43	3	.75	400	5	...	.20	...	1352	20	8.06	248	4	4	...	...	...	...	4
5	37	2	.70	286	4	...	.19	...	1159	13	7.24	180	5	5	...	...	...	...	5
1-5	279	6	4.01	150	28	2	.96	208	8566	74	45.07	164	1-5	1-5	...	...	...	...	1-5
6-7	51	1	1.07	93	7	1	.37	270	1793	17	11.81	144	6-7	6-7	...	...	...	...	6-7
8-10	36	2	.95	211	4	...	.22	...	1636	25	11.60	216	8-10	8-10	...	...	...	...	8-10
11-15	15	1	.41	244	...	...	...	...	1166	14	9.69	144	11-15	11-15	...	...	...	...	11-15
16-24	6	...	.33	...	...	...	...	...	285	9	3.78	238	16-24	16-24	...	...	...	...	16-24
1-24	385	10	6.77	148	39	3	1.55	194	13448	139	81.95	170	1-24	1-24	...	...	...	...	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—B. C. MALARIAL FEVER: ONE ATTACK BETWEEN TWO AND TEN YEARS
PRIOR TO APPLICATION
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			Insu- rance Years
Insu- rance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	135	..	.42	571	3	1.88	696	2	2.44	609	4	2.25	1	1.92	2	1
2	92	1	.40	363	2	1.63	473	1	2.18	400	1	1.92	2	1.71	3	2
3	76	..	.34	324	1	1.49	404	4	1.90	348	2	1.50	4	1.50	4	3
4	61	..	.28	277	1	1.30	351	1	1.68	300	2	1.50	4	1.50	4	4
5	45	..	.21	234	..	1.12	307	5	1.50	262	1	1.36	5	1.36	5	5
6	34	..	.16	194	1	.93	266	2	1.30	223	1	1.18	6	1.18	6	6
7	19	..	.09	163	1	.80	238	..	1.19	197	1	1.06	7	1.06	7	7
8	14	..	.07	131	1	.64	212	2	1.06	159	1	.87	8	.87	8	8
9	13	..	.06	110	..	.54	183	..	.94	134	..	.76	9	.76	9	9
10	12	..	.06	95	..	.47	161	2	.84	123	..	.73	10	.73	10	10
11	8	..	.04	85	1	.43	130	2	.69	104	..	.64	11	.64	11	11
12	3	..	.01	66	..	.33	106	1	.57	82	1	.54	12	.54	12	12
13	2	..	.01	53	1	.27	78	1	.43	70	1	.49	13	.49	13	13
14	1	..	.00	36	1	.19	64	1	.36	55	..	.41	14	.41	14	14
15	1	..	.00	28	1	.15	48	2	.28	43	..	.34	15	.34	15	15
16	..	..	..	18	..	.10	30	1	.19	32	1	.27	16	.27	16	16
17	..	..	..	11	..	.06	21	..	.14	24	..	.22	17	.22	17	17
18	..	..	..	9	..	.05	14	..	.10	18	..	.18	18	.18	18	18
19	..	..	..	6	..	.03	8	..	.06	14	1	.15	19	.15	19	19
20	..	..	..	5	..	.03	6	..	.05	4	1	.05	20	.05	20	20
21	..	..	..	1	..	.01	4	..	.03	2	..	.03	21	.03	21	21
22	..	..	..	..	..	..	1	..	.01	..	..	..	22	..	22	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	409	1	1.63	1769	7	7.42	2231	13	9.70	1919	10	8.74	1-5	8.74	1-5	1-5
6-24	107	..	.50	1011	7	5.03	1572	14	8.24	1284	8	7.92	6-24	7.92	6-24	6-24

Ages at Entry				35-39			40-44			45-49			50-55			Insu- rance Years
Insu- rance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	448	1	1.84	303	3	1.42	118	1	.76	52	1	.47	1	.47	1	1
2	337	6	1.75	225	2	1.44	85	1	.75	38	..	.48	2	.48	2	2
3	293	1	1.58	198	2	1.37	74	1	.70	35	..	.48	3	.48	3	3
4	245	..	1.40	177	3	1.33	69	1	.72	32	..	.48	4	.48	4	4
5	219	3	1.29	160	1	1.28	59	..	.67	29	..	.47	5	.47	5	5
6	188	3	1.17	141	3	1.20	46	..	.56	24	2	.42	6	.42	6	6
7	167	2	1.10	118	3	1.07	37	1	.49	20	1	.38	7	.38	7	7
8	144	1	1.01	101	4	.99	29	1	.41	17	..	.35	8	.35	8	8
9	132	1	.99	80	..	.85	23	..	.35	15	1	.34	9	.34	9	9
10	115	1	.92	72	1	.83	22	..	.37	15	1	.32	10	.32	10	10
11	96	1	.82	62	2	.78	19	1	.54	10	..	.27	11	.27	11	11
12	79	1	.72	55	1	.72	17	1	.53	7	..	.21	12	.21	12	12
13	64	1	.63	37	1	.54	11	..	.24	6	..	.20	13	.20	13	13
14	52	..	.55	30	1	.47	9	2	.21	5	..	.18	14	.18	14	14
15	40	2	.46	25	..	.43	6	..	.15	4	..	.16	15	.16	15	15
16	22	..	.28	18	..	.33	5	..	.14	3	..	.13	16	.13	16	16
17	15	..	.20	12	..	.24	4	..	.12	2	..	.10	17	.10	17	17
18	11	..	.16	11	..	.24	3	..	.10	2	..	.11	18	.11	18	18
19	8	..	.13	9	1	.22	2	1	.08	2	..	.12	19	.12	19	19
20	2	..	.03	7	1	.18	1	..	.04	2	..	.13	20	.13	20	20
21	2	..	.04	2	..	.06	..	..	..	..	..	..	21	..	21	21
22	..	..	..	2	..	.06	..	..	..	..	..	..	22	..	22	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	1542	11	7.86	1063	11	6.84	405	4	3.60	186	1	2.38	1-5	2.38	1-5	1-5
6-24	1137	13	9.21	780	18	9.21	234	7	3.93	132	5	3.43	6-24	3.43	6-24	6-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
 mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38-B, C. MALARIAL FEVER: * ONE ATTACK BETWEEN TWO AND TEN YEARS
PRIOR TO APPLICATION
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry 54-56				57-59			60-62			63 and over			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insu- ance Years
1	31	..	.38	12	1	.19	4	..	.08	2	1	.07	1
2	20	..	.32	8	..	.16	1	..	.03	1	..	.04	2
3	16	..	.29	7	..	.17	1	..	.03	1	..	.04	3
4	13	1	.26	7	..	.18	1	..	.04	1	..	.05	4
5	11	..	.24	7	..	.20	1	..	.04	1	1	.05	5
6	9	..	.22	7	1	.22	1	..	.04	..	..	..	6
7	6	..	.16	5	1	.18	1	..	.05	..	..	..	7
8	5	..	.15	4	..	.16	1	..	.05	..	..	..	8
9	5	1	.16	4	..	.17	1	..	.06	..	..	..	9
10	4	..	.14	4	1	.19	1	..	.06	..	..	..	10
11	2	..	.08	3	..	.15	..	..	..	..	..	..	11
12	2	..	.09	3	1	.17	..	..	..	..	..	..	12
13	1	..	.05	2	..	.12	..	..	..	..	..	..	13
14	1	1	.05	1	..	.07	..	..	..	..	..	..	14
15	..	..	..	1	..	.07	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	91	1	1.49	41	1	.90	8	..	.22	6	2	.25	1-5
6-24	35	2	1.10	34	4	1.50	5	..	.26	..	..	..	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	1402	5	4.74	105	1057	5	4.09	122	421	4	2.18	183
2	928	4	4.21	95	737	7	3.67	191	310	3	2.19	137
3	804	5	3.73	134	641	3	3.29	91	272	3	2.07	145
4	689	2	3.26	61	545	2	2.90	69	246	4	2.05	193
5	586	5	2.83	177	481	4	2.65	151	219	1	1.95	51
1-5	4409	21	18.77	112	3461	21	16.60	127	1468	15	10.44	144
6-7	914	4	4.47	89	775	7	4.51	155	342	7	3.32	211
8-10	935	5	4.68	107	807	4	5.28	76	327	6	3.80	158
11-15	709	11	3.76	293	685	7	5.60	125	269	9	4.21	214
16-24	134	1	.86	116	154	3	1.74	172	76	3	1.81	169
1-24	7099	42	32.54	129	5882	42	33.73	123	2482	40	23.58	170

Ages at Entry					60 and over				All Ages at Entry				
50-59													
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insu- ance Years
1	95	2	1.04	192	6	1	.15	667	2981	17	12.20	139	1
2	66	..	.96	..	2	..	.07	..	2043	14	11.10	126	2
3	58	..	.94	..	2	..	.07	..	1777	11	10.10	109	3
4	52	1	.92	109	2	..	.09	..	1534	9	9.22	98	4
5	47	..	.91	..	2	1	.09	1111	1335	11	8.43	130	5
1-5	318	3	4.77	63	14	2	.47	426	9670	62	51.05	121	1-5
6-7	71	5	1.58	316	2	..	.09	..	2104	23	13.97	165	6-7
8-10	71	4	1.98	202	3	..	.17	..	2141	19	15.91	119	8-10
11-15	48	7	1.87	107	..	..	..	..	1711	29	15.44	188	11-15
16-24	11	..	.59	..	..	..	..	..	375	7	5.00	140	16-24
1-24	519	14	10.79	130	19	2	.73	274	16001	140	101.37	138	1-24

*Including ordinary Chills and Fever, Fever and Ague and In-
 termittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
38-D. MALARIAL FEVER: ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry			15-19			20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Insur- ance Years
1	9	..	.03	83	..	.27	194	2	.68	270	2	1.00	1	1.00	1
2	6	..	.03	54	..	.24	127	1	.58	210	3	1.01	2	1.01	2
3	5	..	.02	49	..	.23	113	2	.53	183	1	.90	3	.90	3
4	5	..	.02	42	..	.20	93	1	.45	166	..	.83	4	.83	4
5	5	..	.02	37	..	.18	80	1	.39	135	1	.81	5	.81	5
6	3	..	.01	35	..	.17	68	1	.33	135	1	.72	6	.72	6
7	3	..	.01	31	..	.15	61	..	.31	105	1	.57	7	.57	7
8	2	..	.01	26	..	.13	50	1	.25	92	1	.51	8	.51	8
9	2	..	.01	24	..	.12	46	..	.23	80	2	.46	9	.46	9
10	1	..	.00	21	..	.10	38	..	.20	66	1	.39	10	.39	10
11	1	..	.00	11	..	.06	33	..	.17	52	3	.32	11	.32	11
12	1	..	.00	9	..	.05	27	..	.15	41	..	.27	12	.27	12
13	1	..	.00	6	..	.03	19	..	.10	36	..	.25	13	.25	13
14	1	..	.00	3	..	.02	14	..	.08	26	..	.20	14	.20	14
15	1	..	.00	3	..	.02	13	..	.08	22	1	.18	15	.18	15
16	..	..	..	..	..	..	7	..	.04	16	1	.14	16	.14	16
17	..	..	..	..	..	..	2	..	.01	7	..	.06	17	.06	17
18	..	..	..	..	..	..	2	..	.01	4	..	.04	18	.04	18
19	..	..	..	..	..	..	1	..	.01	2	..	.02	19	.02	19
20	..	..	..	..	..	..	..	..	..	1	..	.01	20	.01	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	39	..	.12	265	..	1.12	607	7	2.63	984	7	4.55	1-5	4.55	1-5
6-24	16	..	.04	169	..	.85	381	2	1.97	685	11	4.14	6-24	4.14	6-24

Ages at Entry			35-39			40-44			45-49			50-53			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Insur- ance Years
1	268	2	1.10	278	2	1.07	128	1	.82	63	..	.57	1	.57	1
2	200	4	1.04	160	1	1.02	85	4	.75	39	1	.49	2	.49	2
3	175	..	.95	148	2	1.02	72	1	.68	32	1	.44	3	.44	3
4	155	..	.88	123	1	.92	63	2	.66	29	1	.44	4	.44	4
5	139	..	.82	114	2	.91	57	1	.64	25	..	.41	5	.41	5
6	120	2	.74	100	1	.85	53	1	.65	21	..	.37	6	.37	6
7	102	2	.67	84	..	.76	44	..	.58	19	..	.36	7	.36	7
8	88	..	.62	77	2	.75	38	1	.54	19	..	.39	8	.39	8
9	79	..	.59	69	1	.73	31	..	.48	15	1	.34	9	.34	9
10	72	..	.58	60	..	.69	28	1	.47	8	..	.20	10	.20	10
11	60	..	.51	53	1	.66	22	1	.40	6	1	.16	11	.16	11
12	52	..	.47	39	3	.53	17	..	.33	4	..	.12	12	.12	12
13	39	2	.38	26	..	.38	12	1	.26	4	..	.13	13	.13	13
14	31	..	.33	19	..	.30	9	..	.21	3	..	.11	14	.11	14
15	23	..	.26	17	..	.29	7	..	.18	2	..	.08	15	.08	15
16	14	..	.18	12	1	.22	3	..	.08	..	..	..	16	..	16
17	12	..	.16	6	2	.12	3	..	.09	..	..	..	17	..	17
18	8	..	.12	3	..	.07	2	..	.07	..	..	..	18	..	18
19	2	..	.03	1	..	.02	2	..	.08	..	..	..	19	..	19
20	1	..	.02	..	..	..	2	..	.08	..	..	..	20	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	937	6	4.79	773	8	4.94	405	9	3.55	188	5	2.35	1-5	2.35	1-5
6-24	703	6	5.66	566	11	6.37	273	5	4.50	101	2	2.20	6-24	2.20	6-24

*Including ordinary Chills and Fever, Fever and Ague and In-
 termittent Fever, but excluding Pernicious and Resistant Fever.

TABLE III (Continued)
38—D. MALARIAL FEVER: * ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			Insurance Years
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	27	1	.33	13	..	.21	4	..	.06	6	..	.17	1	..	.17	1
2	18	1	.28	8	..	.16	3	..	.08	3	..	.12	2	..	.12	2
3	15	..	.27	8	..	.19	2	..	.06	1	..	.09	3	..	.09	3
4	14	..	.28	7	..	.18	2	..	.07	..	..	..	4	..	..	4
5	11	..	.24	6	1	.17	2	1	.08	..	..	..	5	..	..	5
6	9	..	.22	5	1	.16	1	..	.04	..	..	..	6	..	..	6
7	7	..	.18	4	..	.14	1	..	.05	..	..	..	7	..	..	7
8	5	1	.15	3	..	.12	..	..	..	..	..	..	8	..	..	8
9	4	..	.13	3	1	.13	..	..	..	..	..	..	9	..	..	9
10	4	..	.14	2	1	.09	..	..	..	..	..	..	10	..	..	10
11	3	..	.12	..	..	..	..	..	..	..	..	..	11	..	..	11
12	3	..	.13	..	..	..	..	..	..	..	..	..	12	..	..	12
13	2	..	.09	..	..	..	..	..	..	..	..	..	13	..	..	13
14	1	..	.05	..	..	..	..	..	..	..	..	..	14	..	..	14
15	1	..	.06	..	..	..	..	..	..	..	..	..	15	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	85	2	1.40	42	1	.91	13	1	.37	10	..	.33	1-5	..	.33	1-5
6-24	39	1	1.27	17	3	.64	2	..	.09	..	..	..	6-24	..	..	6-24

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Ages at Entry					15-29				30-39				40-49				Insurance Years
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	286	2	.98	204	538	4	2.10	190	356	3	1.89	159	1	..	..	..	1
2	187	1	.85	118	410	7	2.05	341	245	5	1.77	282	2	..	..	..	2
3	167	2	.78	256	358	1	1.85	54	220	3	1.70	176	3	..	..	..	3
4	140	1	.67	149	321	..	1.71	..	186	3	1.58	190	4	..	..	..	4
5	122	1	.59	169	294	1	1.63	61	171	3	1.55	194	5	..	..	..	5
1-5	902	7	3.87	181	1921	13	9.34	139	1178	17	8.49	209	1-5	..	..	..	1-5
6-7	201	1	.98	102	462	6	2.70	222	281	2	2.84	70	6-7	..	..	..	6-7
8-10	210	1	1.05	95	477	4	3.15	127	303	5	3.66	137	8-10	..	..	..	8-10
11-15	143	..	.76	..	382	6	3.17	189	221	6	3.54	169	11-15	..	..	..	11-15
16-24	12	..	.07	..	67	1	.78	128	34	3	.83	361	16-24	..	..	..	16-24
1-24	1468	9	6.73	134	3309	30	19.14	157	2017	33	19.36	170	1-24	..	..	..	1-24

Ages at Entry					50-59				60 and over				All Ages at Entry				Insurance Years
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	103	1	1.11	90	10	..	.23	..	1293	10	6.33	158	1	..	..	..	1
2	65	2	.93	215	6	..	.20	..	913	15	5.80	259	2	..	..	..	2
3	55	1	.90	111	3	..	.16	..	803	7	5.33	131	3	..	..	..	3
4	30	1	.90	111	2	..	.07	..	699	5	4.93	101	4	..	..	..	4
5	42	1	.82	122	2	1	.08	1250	631	7	4.67	150	5	..	..	..	5
1-5	315	6	4.66	129	23	1	.70	143	4339	44	27.06	163	1-5	..	..	..	1-5
6-7	65	1	1.43	70	2	..	.09	..	1011	10	8.04	124	6-7	..	..	..	6-7
8-10	63	4	1.69	237	..	..	..	..	1053	14	9.55	147	8-10	..	..	..	8-10
11-15	29	1	1.05	93	..	..	..	..	775	13	8.52	133	11-15	..	..	..	11-15
16-24	..	..	..	..	..	..	..	..	113	4	1.68	238	16-24	..	..	..	16-24
1-24	472	12	8.83	136	25	1	.79	127	7291	83	54.85	153	1-24	..	..	..	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38-J. MALARIAL FEVER,* ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry 15-19				20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	16	1	.05	100	2	.33	163	1	.57	148	..	.55	1
2	9	1	.04	62	1	.28	105	..	.48	118	..	.57	2
3	8	..	.04	57	..	.26	103	..	.48	108	1	.53	3
4	8	..	.04	52	..	.24	93	1	.45	102	1	.51	4
5	8	..	.04	49	..	.24	89	2	.44	94	..	.49	5
6	8	..	.04	45	..	.22	81	1	.40	86	3	.46	6
7	8	..	.04	41	..	.20	76	2	.38	81	..	.44	7
8	8	..	.04	41	..	.20	68	1	.34	79	2	.43	8
9	8	..	.04	37	..	.18	65	1	.33	75	..	.43	9
10	7	..	.03	35	..	.17	62	..	.32	71	..	.42	10
11	5	..	.02	31	..	.16	53	1	.28	65	..	.40	11
12	5	..	.02	28	..	.14	43	..	.23	57	..	.38	12
13	4	..	.02	25	..	.13	35	1	.19	48	..	.34	13
14	3	..	.01	23	..	.12	30	..	.17	39	1	.29	14
15	3	..	.01	15	..	.08	21	..	.12	32	..	.26	15
16	3	..	.02	9	..	.05	13	..	.08	26	..	.22	16
17	1	..	.01	5	..	.03	11	..	.07	17	1	.15	17
18	1	..	.01	4	..	.02	7	..	.05	12	..	.12	18
19	..	..	..	2	..	.01	5	..	.04	7	..	.07	19
20	..	..	..	2	..	.01	1	..	.01	5	..	.06	20
21	..	..	..	..	..	..	1	..	.01	2	..	.03	21
22	..	..	..	..	..	..	1	..	.01	2	..	.03	22
23	..	..	..	..	..	..	1	..	.01	2	..	.03	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	49	2	.21	320	5	1.35	553	4	2.42	570	2	2.65	1-5
6-24	64	..	.31	343	..	1.72	574	7	3.04	706	7	4.56	6-24

Ages at Entry 35-39				40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	120	..	.49	101	1	.47	64	..	.41	26	..	.24	1
2	94	1	.49	81	1	.52	49	..	.43	18	..	.23	2
3	88	4	.48	73	1	.50	45	..	.43	16	..	.22	3
4	74	2	.42	64	1	.48	41	..	.43	15	1	.23	4
5	68	1	.40	61	2	.49	37	..	.42	12	..	.20	5
6	58	1	.36	48	1	.41	34	1	.41	11	1	.19	6
7	57	..	.38	47	2	.43	30	2	.40	10	..	.19	7
8	54	..	.38	45	..	.44	27	..	.39	9	1	.19	8
9	52	1	.39	44	1	.47	25	..	.39	7	1	.16	9
10	49	..	.39	40	..	.46	24	1	.40	6	..	.15	10
11	46	1	.39	36	..	.45	20	..	.36	3	..	.08	11
12	39	1	.35	33	1	.45	20	..	.39	2	..	.06	12
13	33	1	.32	31	1	.45	17	1	.36	1	..	.03	13
14	25	1	.27	22	1	.35	15	..	.35	1	..	.04	14
15	21	1	.24	15	..	.26	15	..	.39	1	..	.04	15
16	15	..	.19	12	..	.22	11	..	.31	..	..	..	16
17	10	..	.14	11	..	.22	10	..	.31	..	..	..	17
18	7	..	.10	9	..	.20	7	1	.24	..	..	..	18
19	4	..	.06	7	..	.17	3	1	.11	..	..	..	19
20	2	..	.03	3	..	.08	1	..	.04	..	..	..	20
21	1	..	.07	1	..	.03	..	..	..	..	..	..	21
22	1	..	.02	1	..	.03	..	..	..	..	..	..	22
23	1	..	.02	1	..	.04	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	444	8	2.28	380	6	2.46	236	..	2.12	87	1	1.12	1-5
6-24	475	7	4.05	406	7	5.16	259	7	4.85	51	3	1.13	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—J. MALARIAL FEVER: * ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: LOUISIANA, ALL COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	5	..	.06	4	..	.06	..	..	..	..	..	..	..	..	..	1
2	4	..	.06	3	..	.06	..	..	..	..	..	..	..	..	..	2
3	4	1	.07	3	..	.07	..	..	..	..	..	..	..	..	..	3
4	3	..	.06	3	..	.08	..	..	..	..	..	..	..	..	..	4
5	3	..	.07	2	..	.06	..	..	..	..	..	..	..	..	..	5
6	2	..	.05	2	..	.06	..	..	..	..	..	..	..	..	..	6
7	2	..	.05	2	..	.07	..	..	..	..	..	..	..	..	..	7
8	1	..	.03	2	..	.08	..	..	..	..	..	..	..	..	..	8
9	1	..	.03	2	..	.09	..	..	..	..	..	..	..	..	..	9
10	1	..	.04	2	..	.09	..	..	..	..	..	..	..	..	..	10
11	1	..	.04	2	..	.10	..	..	..	..	..	..	..	..	..	11
12	1	..	.04	2	..	.11	..	..	..	..	..	..	..	..	..	12
13	..	..	..	2	..	.12	..	..	..	..	..	..	..	..	..	13
14	..	..	..	2	..	.13	..	..	..	..	..	..	..	..	..	14
15	..	..	..	1	..	.07	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	19	1	.32	15	..	.33	..	..	..	..	..	..	..	..	..	1-5
6-24	9	..	.28	19	1	.92	..	..	..	..	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	279	4	.95	421	268	..	1.04	..	165	1	.88	114	1
2	176	2	.80	250	212	1	1.06	94	130	1	.95	103	2
3	168	..	.78	..	196	5	1.01	495	118	1	.93	108	3
4	153	1	.73	137	176	3	.93	323	105	1	.91	110	4
5	146	2	.72	278	162	1	.89	112	98	2	.91	220	5
1-5	922	9	3.98	226	1014	10	4.93	203	616	6	4.38	131	1-5
6-7	259	3	1.28	234	282	4	1.64	244	159	6	1.65	364	6-7
8-10	331	2	1.65	121	380	3	2.44	123	205	2	2.55	78	8-10
11-15	324	2	1.70	118	405	6	3.24	185	224	4	3.81	105	11-15
16-24	67	..	.44	..	114	1	1.29	78	77	2	2.00	103	16-24
1-24	1903	16	9.05	177	2195	24	13.54	177	1281	20	14.59	137	1-24

Ages at Entry					40 and over				All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	33	..	.36	..	..	..	..	..	747	5	3.23	153	1
2	25	..	.35	..	..	..	..	..	543	4	3.16	127	2
3	23	1	.36	278	..	..	..	..	505	7	3.08	227	3
4	21	1	.37	270	..	..	..	..	455	6	2.94	204	4
5	17	..	.33	..	..	..	..	..	423	5	2.85	175	5
1-5	121	2	1.77	113	..	..	..	..	2673	27	15.26	177	1-5
6-7	29	1	.61	164	..	..	..	..	729	14	5.18	270	6-7
8-10	31	2	.86	233	..	..	..	..	947	9	7.50	120	8-10
11-15	19	1	.86	116	..	..	..	..	972	13	9.61	135	11-15
16-24	..	..	..	..	..	..	..	..	258	3	3.73	80	16-24
1-24	200	6	4.10	146	..	..	..	..	5579	66	41.28	160	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)
38—A, B, C, D, J. MALARIAL FEVER: * ONE ATTACK AT ANY TIME IN THE PAST
HABITAT: FLORIDA, GULF COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	39	..	.18	331	2	1.09	495	3	1.73	518	1	1.92	1	1.92	1	1
2	36	..	.15	198	1	.89	334	3	1.54	371	3	1.78	2	1.78	2	2
3	28	..	.13	171	2	.79	298	2	1.40	326	5	1.60	3	1.60	3	3
4	22	1	.10	141	2	.66	253	3	1.21	274	3	1.37	4	1.37	4	4
5	19	..	.09	116	1	.56	218	3	1.07	243	4	1.26	5	1.26	5	5
6	15	1	.07	100	..	.48	183	1	.90	210	..	1.11	6	1.11	6	6
7	13	..	.06	86	1	.42	156	1	.78	186	1	1.00	7	1.00	7	7
8	11	..	.05	74	..	.36	136	..	.68	168	3	.92	8	.92	8	8
9	7	..	.03	63	..	.31	117	..	.60	141	2	.80	9	.80	9	9
10	6	..	.03	56	..	.27	111	2	.58	132	1	.78	10	.78	10	10
11	4	..	.02	37	..	.19	81	..	.43	101	1	.63	11	.63	11	11
12	3	..	.01	30	3	.15	70	..	.38	90	1	.59	12	.59	12	12
13	2	..	.01	23	..	.12	63	..	.35	78	2	.55	13	.55	13	13
14	2	..	.01	21	..	.11	54	3	.31	69	2	.52	14	.52	14	14
15	2	..	.01	19	..	.10	46	2	.27	62	2	.50	15	.50	15	15
16	2	..	.01	15	..	.08	30	..	.19	49	..	.42	16	.42	16	16
17	2	..	.01	13	..	.07	21	..	.14	35	..	.32	17	.32	17	17
18	1	..	.01	7	..	.04	14	..	.10	28	..	.27	18	.27	18	18
19	1	..	.01	5	..	.03	10	..	.08	19	..	.20	19	.20	19	19
20	1	..	.01	3	..	.02	8	..	.06	17	..	.20	20	.20	20	20
21	1	..	.01	1	..	.01	3	..	.03	7	..	.09	21	.09	21	21
22	..	..	..	1	..	.01	2	..	.02	4	..	.05	22	.05	22	22
23	..	..	..	1	..	.01	..	..	..	1	..	.01	23	.01	23	23
24	..	..	..	1	..	.01	..	..	..	1	..	.02	24	.02	24	24
1-5	164	1	.65	937	8	3.99	1398	14	6.95	1732	16	7.93	1-5	7.93	1-5	1-5
6-24	74	1	.36	556	4	2.79	1105	9	5.90	1398	13	8.98	6-24	8.98	6-24	6-24

Ages at Entry			35-39			40-44			45-49			50-53			Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths
1	352	1	1.44	250	2	1.08	138	3	.88	53	..	.48	1	..	.48
2	247	3	1.28	163	1	1.04	86	2	.76	38	..	.48	2	..	.48
3	223	..	1.20	143	1	1.00	75	1	.71	32	..	.44	3	..	.44
4	190	3	1.08	132	2	.99	65	..	.68	28	1	.42	4	..	.42
5	153	..	.90	106	..	.85	56	1	.63	24	2	.39	5	..	.39
6	136	..	.84	83	..	.71	45	..	.55	15	1	.26	6	..	.26
7	119	..	.79	73	..	.66	41	..	.54	13	..	.25	7	..	.25
8	112	2	.78	59	..	.58	35	..	.50	11	1	.23	8	..	.23
9	96	1	.72	49	..	.52	32	..	.49	9	..	.20	9	..	.20
10	87	2	.70	44	1	.51	30	..	.50	9	1	.22	10	..	.22
11	61	..	.52	32	2	.40	17	1	.31	4	..	.11	11	..	.11
12	56	..	.51	28	2	.38	14	1	.27	4	..	.12	12	..	.12
13	48	4	.47	22	..	.32	12	..	.26	3	1	.10	13	..	.10
14	38	2	.40	15	..	.24	12	..	.28	2	..	.07	14	..	.07
15	32	1	.37	15	..	.26	11	..	.28	2	..	.08	15	..	.08
16	25	..	.31	9	..	.17	7	..	.20	2	..	.09	16	..	.09
17	18	..	.24	5	..	.10	4	..	.12	2	..	.10	17	..	.10
18	14	..	.20	3	..	.07	4	..	.14	2	..	.11	18	..	.11
19	14	1	.22	2	..	.05	3	..	.11	2	..	.17	19	..	.17
20	9	..	.15	1	..	.03	3	..	.13	1	..	.06	20	..	.06
21	5	..	.09	..	..	..	..	..	..	..	..	..	21	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..
1-5	1165	7	5.90	776	6	4.96	420	7	3.66	175	3	2.21	1-5	2.21	1-5
6-24	870	13	7.31	440	5	5.00	270	2	4.68	81	4	2.12	6-24	2.12	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
38—A, B, C, D, F. MALARIAL FEVER: * ONE ATTACK AT ANY TIME IN THE PAST
HABITAT: FLORIDA, GULF COUNTIES

Ages at Entry				55-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	29	1	.33	16	..	.26	5	..	.10	2	..	.05	1
2	26	..	.41	12	..	.24	4	..	.11	1	..	.04	2
3	22	..	.46	10	..	.24	3	..	.10	..	..	..	3
4	17	..	.34	7	1	.18	3	..	.11	..	..	..	4
5	12	..	.26	5	..	.15	2	1	.08	..	..	..	5
6	11	2	.26	4	..	.13	1	..	.04	..	..	..	6
7	7	..	.18	3	..	.11	1	..	.05	..	..	..	7
8	5	..	.15	3	..	.12	1	..	.05	..	..	..	8
9	5	..	.10	2	..	.09	1	..	.06	..	..	..	9
10	2	1	.07	2	1	.09	1	..	.06	..	..	..	10
11	1	..	.04	..	..	..	..	..	..	..	..	..	11
12	1	..	.04	..	..	..	..	..	..	..	..	..	12
13	1	..	.05	..	..	..	..	..	..	..	..	..	13
14	1	..	.05	..	..	..	..	..	..	..	..	..	14
15	1	..	.06	..	..	..	..	..	..	..	..	..	15
16	1	..	.06	..	..	..	..	..	..	..	..	..	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	18
19	1	..	.08	..	..	..	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	20
21	1	..	.09	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	106	1	1.76	50	1	1.07	17	1	.50	3	..	.09	1-5
6-24	39	3	1.45	14	1	.54	5	..	.26	..	..	..	6-24

SYNOPSIS

Ages at Entry					30-39				40-49			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	885	5	3.00	167	870	2	3.36	60	368	3	1.96	235
2	568	4	2.58	155	618	6	3.06	196	249	3	1.80	167
3	497	4	2.32	172	549	5	2.80	179	220	2	1.71	117
4	416	6	1.97	305	464	6	2.43	245	197	2	1.67	120
5	353	4	1.72	233	396	4	2.16	185	162	1	1.48	68
1-5	2719	23	11.59	198	2897	23	13.83	166	1196	13	8.67	151
6-7	553	4	2.71	148	651	1	3.74	27	242	..	2.46	..
8-10	581	2	2.91	69	736	11	4.70	234	249	1	3.10	37
11-15	458	8	2.47	324	635	15	5.06	296	178	6	3.00	200
16-24	143	..	.96	..	246	1	2.79	36	41	..	1.12	..
1-24	4454	37	20.64	179	5163	51	30.12	169	1906	20	18.30	109

Ages at Entry					60 and over				All Ages at Entry			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	98	1	1.09	92	7	..	.15	..	2228	13	9.56	136
2	76	..	1.13	..	5	..	.15	..	1516	13	8.72	149
3	64	..	1.08	..	3	..	.10	..	1333	11	8.01	137
4	52	2	.94	213	3	..	.11	..	1132	16	7.14	224
5	41	2	.80	250	2	1	.08	1250	954	12	6.24	192
1-5	331	3	5.04	99	20	1	.59	169	7163	65	39.67	164
6-7	53	3	1.19	252	2	..	.09	..	1501	8	10.19	79
8-10	46	4	1.27	315	3	..	.17	..	1615	18	12.15	148
11-15	20	1	.72	139	..	..	..	..	1291	30	11.25	267
16-24	15	..	.93	..	..	..	..	..	445	1	5.80	172
1-24	465	13	9.13	147	25	1	.85	118	12015	122	79.06	154

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Purpura and Resistant Fever.

TABLE III (Continued)
38—A, B, C, D, E, F, G, H, J. MALARIAL FEVER,* ONE OR MORE ATTACKS AT ANY TIME IN THE PAST
HABITAT: FLORIDA, OTHER THAN GULF COUNTIES

Ages at Entry				15-19				20-24				25-29				30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	46	..	.14	318	1	1.05	400	2	1.40	351	1	1.30	1	1.30	1	1.30	1	1.30	1
2	31	..	.13	204	..	.93	272	2	1.25	258	1	1.24	2	1.24	2	1.24	2	1.24	2
3	31	..	.14	184	..	.85	247	2	1.16	214	..	1.09	3	1.09	3	1.09	3	1.09	3
4	24	1	.11	151	2	.71	229	2	1.06	188	2	.94	4	.94	4	.94	4	.94	4
5	19	..	.09	129	..	.62	183	1	.90	167	1	.87	5	.87	5	.87	5	.87	5
6	16	..	.08	105	2	.50	153	..	.75	134	..	.71	6	.71	6	.71	6	.71	6
7	10	..	.05	82	1	.40	119	1	.60	116	..	.63	7	.63	7	.63	7	.63	7
8	7	..	.03	66	..	.32	98	..	.49	97	..	.52	8	.52	8	.52	8	.52	8
9	4	..	.02	56	..	.27	78	..	.40	85	1	.48	9	.48	9	.48	9	.48	9
10	4	..	.02	47	..	.23	70	..	.36	75	2	.44	10	.44	10	.44	10	.44	10
11	3	..	.01	36	..	.18	57	..	.30	57	..	.35	11	.35	11	.35	11	.35	11
12	3	..	.01	29	..	.15	48	..	.26	49	..	.32	12	.32	12	.32	12	.32	12
13	3	..	.01	23	..	.12	41	..	.23	41	1	.29	13	.29	13	.29	13	.29	13
14	2	..	.01	21	..	.11	38	..	.22	34	..	.24	14	.24	14	.24	14	.24	14
15	2	..	.01	19	..	.10	33	..	.19	32	..	.26	15	.26	15	.26	15	.26	15
16	2	..	.01	12	..	.06	25	..	.16	23	1	.20	16	.20	16	.20	16	.20	16
17	2	..	.01	9	..	.05	20	..	.13	20	..	.18	17	.18	17	.18	17	.18	17
18	1	..	.01	7	..	.04	16	..	.11	16	..	.16	18	.16	18	.16	18	.16	18
19	1	..	.01	6	..	.03	11	..	.08	16	..	.19	19	.19	19	.19	19	.19	19
20	1	..	.01	5	..	.03	10	..	.08	11	..	.20	20	.20	20	.20	20	.20	20
21	1	..	.01	2	..	.01	3	..	.03	2	..	.21	21	.21	21	.21	21	.21	21
22	1	..	.01	2	..	.01	2	..	.02	2	..	.22	22	.22	22	.22	22	.22	22
23	..	..	..	2	..	.01	1	..	.01	2	..	.23	23	.23	23	.23	23	.23	23
24	..	..	..	1	..	.01	..	..	..	..	..	.24	24	.24	24	.24	24	.24	24
1-5	151	1	.61	988	3	4.16	1322	9	5.77	1178	5	5.40	1-5	5.40	1-5	5.40	1-5	5.40	1-5
6-24	66	..	.32	530	3	2.63	823	1	4.42	812	5	5.20	6-24	5.20	6-24	5.20	6-24	5.20	6-24

Ages at Entry				35-39				40-44				45-49				50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	249	..	1.02	179	..	.84	105	..	.67	37	..	.34	1	.34	1	.34	1	.34	1
2	177	1	.92	128	3	.82	75	3	.66	28	1	.35	2	.35	2	.35	2	.35	2
3	156	2	.84	111	1	.77	66	2	.63	21	..	.29	3	.29	3	.29	3	.29	3
4	141	2	.80	97	1	.73	54	..	.56	21	3	.37	4	.37	4	.37	4	.37	4
5	124	..	.73	80	1	.64	49	..	.53	14	..	.23	5	.23	5	.23	5	.23	5
6	107	..	.66	67	1	.57	45	..	.53	12	..	.21	6	.21	6	.21	6	.21	6
7	88	..	.58	55	..	.50	35	2	.46	10	..	.19	7	.19	7	.19	7	.19	7
8	77	..	.54	40	..	.39	28	..	.40	6	..	.17	8	.17	8	.17	8	.17	8
9	63	..	.47	33	1	.35	25	1	.39	5	..	.11	9	.11	9	.11	9	.11	9
10	55	..	.44	27	..	.31	21	1	.35	5	..	.12	10	.12	10	.12	10	.12	10
11	44	..	.37	18	..	.23	15	1	.27	3	..	.08	11	.08	11	.08	11	.08	11
12	40	1	.36	16	..	.22	12	1	.24	2	..	.09	12	.09	12	.09	12	.09	12
13	33	..	.32	14	..	.20	10	2	.21	2	..	.07	13	.07	13	.07	13	.07	13
14	30	1	.32	14	..	.22	8	1	.19	2	..	.07	14	.07	14	.07	14	.07	14
15	28	..	.32	13	..	.22	7	..	.18	1	..	.04	15	.04	15	.04	15	.04	15
16	20	..	.25	9	..	.17	5	..	.14	1	..	.04	16	.04	16	.04	16	.04	16
17	19	..	.26	8	2	.16	3	1	.09	..	..	.17	17	.17	17	.17	17	.17	17
18	16	..	.23	4	1	.09	2	..	.07	..	..	.18	18	.18	18	.18	18	.18	18
19	11	..	.17	2	..	.05	2	..	.08	..	..	.19	19	.19	19	.19	19	.19	19
20	7	..	.12	2	..	.05	2	..	.08	..	..	.20	20	.20	20	.20	20	.20	20
21	..	..	..	1	..	.03	1	..	.05	..	..	.21	21	.21	21	.21	21	.21	21
22	..	..	..	1	..	.03	..	..	..	..	..	.22	22	.22	22	.22	22	.22	22
23	..	..	..	..	..	..	..	..	..	..	..	.23	23	.23	23	.23	23	.23	23
24	..	..	..	..	..	..	..	..	..	..	..	.24	24	.24	24	.24	24	.24	24
1-5	847	5	4.31	595	6	3.80	349	5	3.07	121	4	1.53	1-5	1.53	1-5	1.53	1-5	1.53	1-5
6-24	638	2	5.41	324	5	3.79	221	10	3.75	49	..	1.11	6-24	1.11	6-24	1.11	6-24	1.11	6-24

*Including ordinary Chills and Fever, Fever and Ague and In-
 termittent Fever, but excluding Pernicious and Relapsing Fever.

TABLE III (Continued)

38—A, B, C, D, E, F, G, H, J. MALARIAL FEVER: * ONE OR MORE ATTACKS AT ANY TIME IN THE PAST

HABITAT: FLORIDA, OTHER THAN GULF COUNTIES

HABITAT: FLORIDA, OTHER THAN GULF COAST														
Ages at Entry			54-56			57-59			60-62			63 and over		
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years	
1	18	..	.22	4	..	.06	4	..	.08	1	..	.03	1	
2	14	..	.22	3	..	.06	4	..	.11	..	..	..	2	
3	13	..	.24	3	..	.07	4	..	.13	..	..	..	3	
4	10	..	.20	2	..	.05	4	..	.14	..	..	..	4	
5	8	..	.18	..	..	..	3	..	.12	..	..	..	5	
6	5	..	.12	..	..	..	2	..	.09	..	..	..	6	
7	4	..	.11	..	..	..	2	..	.09	..	..	..	7	
8	2	..	.06	..	..	..	2	..	.10	..	..	..	8	
9	2	..	.06	..	..	..	1	..	.06	..	..	..	9	
10	2	..	.07	..	..	..	1	..	.06	..	..	..	10	
11	2	..	.08	..	..	..	1	..	.07	..	..	..	11	
12	1	..	.04	..	..	..	1	1	.07	..	..	..	12	
13	1	..	.03	..	..	..	..	..	..	..	..	..	13	
14	1	..	.03	..	..	..	..	..	..	..	..	..	14	
15	1	..	.06	..	..	..	..	..	..	..	..	..	15	
16	1	..	.06	..	..	..	..	..	..	..	..	..	16	
17	1	..	.07	..	..	..	..	..	..	..	..	..	17	
18	1	..	.07	..	..	..	..	..	..	..	..	..	18	
19	1	..	.08	..	..	..	..	..	..	..	..	..	19	
20	1	..	.08	..	..	..	..	..	..	..	..	..	20	
21	..	..	..	..	..	..	..	..	..	..	..	..	21	
22	..	..	..	..	..	..	..	..	..	..	..	..	22	
23	..	..	..	..	..	..	..	..	..	..	..	..	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	63	..	1.06	17	..	.24	19	..	.38	1	..	.03	1-5	
6-24	26	..	1.06	..	..	..	10	1	.54	..	..	..	6-24	

SYNOPSIS

Ages at Entry					15-29				30-39				40-49				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years				
1	764	3	2.59	116	609	1	2.32	43	284	..	1.51	..	1				
2	509	2	2.31	87	433	2	2.16	93	203	6	1.48	403	2				
3	462	2	2.13	93	370	2	1.89	106	177	3	1.40	214	3				
4	395	5	1.88	266	329	4	1.74	230	151	1	1.29	78	4				
5	331	1	1.61	62	291	1	1.60	63	129	1	1.19	84	5				
1-5	2461	13	10.54	123	2025	10	9.71	103	944	11	6.87	160	1-5				
6-7	485	4	2.38	168	445	..	2.58	..	202	3	2.08	144	6-7				
8-10	430	..	2.14	..	452	3	2.90	103	174	3	2.19	137	8-10				
11-15	339	..	1.91	..	388	3	3.17	95	127	3	2.18	229	11-15				
16-24	143	..	.94	..	165	1	1.96	51	42	4	1.09	367	16-24				
1-24	3878	17	17.91	95	3473	17	20.32	84	1489	26	14.41	180	1-24				

Ages at Entry					50-59				60 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years				
1	59	..	.62	..	5	..	.11	..	1712	4	7.13	56	1				
2	45	1	.63	159	4	..	.11	..	1196	11	6.69	164	2				
3	37	..	.60	..	4	..	.13	..	1050	7	6.17	113	3				
4	33	3	.57	526	4	..	.14	..	912	13	5.62	231	4				
5	22	..	.41	..	3	..	.12	..	776	3	4.93	61	5				
1-5	196	4	2.83	141	20	..	.61	..	5646	38	30.56	124	1-5				
6-7	31	..	.63	..	4	..	.18	..	1167	7	7.85	89	6-7				
8-10	22	..	.54	..	4	..	.22	..	1082	6	7.99	75	8-10				
11-15	16	..	.60	..	2	1	.14	714	892	9	8.00	113	11-15				
16-24	6	..	.46	..	..	..	..	..	356	3	4.39	114	16-24				
1-24	271	4	5.06	80	30	1	1.15	87	9143	65	58.79	111	1-24				

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsing Fever.

TABLE III (Continued)
38-A, B. MALARIAL FEVER—ONE ATTACK WITHIN FIVE YEARS OF APPLICATION
HABITAT: ALABAMA, GULF COUNTIES

Ages at Entry		15-19			20-24			25-29			30-34			
Inter-year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Inter-year Years	
1	25	..	.08	242	..	.77	281	..	.98	234	..	.87	1	
2	17	..	.07	158	..	.71	203	..	.93	191	..	.92	2	
3	15	..	.07	136	1	.83	172	1	.81	174	2	.85	3	
4	12	..	.06	117	2	.55	144	..	.67	158	..	.78	4	
5	12	..	.06	104	..	.30	132	..	.67	143	3	.74	5	
6	10	..	.05	93	..	.44	113	..	.55	120	..	.64	6	
7	7	..	.03	73	..	.37	105	1	.53	109	1	.59	7	
8	7	..	.03	68	..	.35	89	1	.43	97	3	.53	8	
9	5	..	.03	55	..	.27	76	..	.39	82	2	.47	9	
10	5	..	.01	37	..	.18	57	1	.30	63	1	.37	10	
11	5	..	.01	29	..	.15	48	..	.25	47	..	.29	11	
12	5	..	.00	29	..	.12	42	..	.23	40	..	.30	12	
13	5	..	.00	29	..	.10	37	..	.20	36	1	.29	13	
14	1	..	.00	13	..	.08	33	..	.19	32	..	.24	14	
15	1	..	.00	13	..	.07	27	1	.16	28	..	.22	15	
16	..	..	..	10	..	.05	21	1	.13	20	..	.22	16	
17	..	..	..	8	..	.04	18	..	.12	20	1	.17	17	
18	..	..	..	7	1	.04	13	..	.09	16	..	.15	18	
19	..	..	..	6	..	.03	12	..	.09	13	1	.14	19	
20	..	..	..	5	..	.02	10	..	.06	8	..	.09	20	
21	..	..	..	3	..	.02	7	..	.04	3	..	.04	21	
22	..	..	..	2	..	.02	7	..	.04	3	..	.04	22	
23	..	..	..	1	..	.01	3	..	.03	2	..	.03	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	81	..	.34	747	5	3.16	932	4	4.06	900	9	4.17	1-5	
6-24	209	..	.16	673	1	2.35	720	5	3.60	748	10	4.76	6-24	

Ages at Entry				35-39			40-44			45-49			50-54			Inter- year Years
Inter- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths				
1	158	..	.65	92	..	.43	40	..	.26	28	..	.25	1			
2	116	..	.60	70	2	.45	27	..	.24	17	1	.21	2			
3	105	1	.57	61	..	.42	24	1	.23	16	..	.22	3			
4	91	..	.52	47	1	.35	19	..	.20	15	..	.23	4			
5	80	..	.47	40	..	.32	17	..	.19	14	1	.23	5			
6	68	1	.42	38	..	.32	14	..	.17	12	1	.21	6			
7	61	2	.40	35	..	.32	11	..	.15	11	..	.21	7			
8	53	..	.37	35	..	.34	10	1	.14	9	..	.19	8			
9	48	..	.36	31	2	.33	8	..	.12	9	..	.20	9			
10	41	1	.33	24	..	.28	7	..	.12	8	..	.20	10			
11	37	1	.31	20	..	.25	6	..	.11	7	..	.19	11			
12	30	1	.27	17	1	.23	5	..	.10	7	..	.21	12			
13	24	..	.24	15	..	.22	3	1	.06	5	..	.17	13			
14	21	..	.22	10	..	.16	1	..	.02	5	..	.18	14			
15	12	..	.14	8	..	.14	1	..	.03	3	..	.12	15			
16	10	1	.13	7	..	.13	1	..	.03	3	1	.13	16			
17	8	..	.11	4	..	.08	1	..	.03	2	..	.10	17			
18	3	..	.04	3	..	.07	..	..	..	2	..	.11	18			
19	2	..	.03	2	..	.05	..	..	..	2	..	.12	19			
20	2	1	.03	1	..	.03	..	..	..	2	..	.13	20			
21	1	..	.02	..	..	..	..	..	..	..	..	..	21			
22	1	..	.02	..	..	..	..	..	..	..	..	..	22			
23	1	..	.02	..	..	..	..	..	..	..	..	..	23			
24	..	..	..	..	..	..	..	..	..	..	..	..	24			
1-5	580	1	2.81	310	3	1.97	127	1	1.12	90	2	1.14	1-5			
6-24	423	8	3.46	250	3	2.93	68	2	1.08	87	2	2.47	6-24			

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38 A. B. MALARIAL FEVER: ONE ATTACK WITHIN FIVE YEARS OF APPLICATION
HABITAT: ALABAMA, GULF COUNTIES

Ages at Entry				57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	7	1	.09	5	..	.08	8	..	.16	1	..	.03	1
2	3	..	.05	5	..	.10	7	..	.19	1	..	.04	2
3	2	..	.04	5	..	.12	7	..	.22	1	..	.04	3
4	2	..	.04	5	..	.13	6	..	.21	..	..	..	4
5	2	..	.04	5	..	.15	6	..	.23	..	..	..	5
6	2	..	.05	4	1	.13	6	..	.26	..	..	..	6
7	1	..	.03	3	..	.11	6	..	.28	..	..	..	7
8	1	..	.03	2	1	.08	6	..	.31	..	..	..	8
9	1	..	.03	1	..	.04	5	..	.28	..	..	..	9
10	..	..	..	1	..	.05	5	..	.31	..	..	..	10
11	..	..	..	1	..	.05	3	1	.20	..	..	..	11
12	..	..	..	1	..	.06	2	..	.14	..	..	..	12
13	..	..	..	1	..	.06	2	..	.16	..	..	..	13
14	..	..	..	..	..	..	2	1	.17	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	16	1	.26	25	..	.58	34	..	1.01	3	..	.11	1-5
6-24	5	..	.14	14	2	.58	37	2	2.11	..	..	..	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	538	5	1.85	273	392	2	1.52	132	132	..	.69	..	1
2	378	..	1.71	..	307	2	1.52	132	97	2	.69	290	2
3	323	2	1.51	132	279	3	1.42	211	85	1	.65	154	3
4	273	2	1.30	154	249	..	1.31	..	66	1	.55	182	4
5	248	..	1.21	..	223	3	1.21	248	57	..	.51	..	5
1-5	1769	9	7.56	119	1450	10	6.98	145	457	4	3.09	129	1-5
6-7	402	1	1.97	51	358	4	2.05	195	98	..	.96	..	6-7
8-10	398	2	1.99	101	384	7	2.43	288	113	3	1.33	226	8-10
11-15	294	1	1.56	64	307	3	2.44	123	86	2	1.37	152	11-15
16-24	136	2	.92	217	119	4	1.30	308	19	..	.42	..	16-24
1-24	2999	15	14.09	107	2618	28	15.20	184	753	9	7.12	126	1-24

Ages at Entry					60 and over				All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	40	1	.42	238	9	..	.19	..	1111	8	4.65	172	1
2	25	1	.36	278	8	..	.23	..	815	5	4.51	111	2
3	23	..	.38	..	8	..	.26	..	718	6	4.22	142	3
4	22	..	.40	..	6	..	.21	..	616	3	3.77	80	4
5	21	1	.42	238	6	..	.23	..	555	4	3.58	112	5
1-5	131	3	1.98	152	37	..	1.17	..	3815	26	20.73	123	1-5
6-7	33	2	.74	270	12	..	.34	..	903	7	6.26	112	6-7
8-10	37	1	.82	122	16	..	.90	..	945	13	7.47	174	8-10
11-15	30	..	1.04	..	9	2	.67	299	726	8	7.03	114	11-15
16-24	11	1	.59	169	..	..	..	..	285	7	3.23	217	16-24
1-24	237	7	5.17	135	74	2	3.23	62	6674	61	44.72	156	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38 C. D. MALARIAL FEVER: ONE ATTACK MORE THAN FIVE YEARS PRIOR TO APPLICATION
HABITAT: ALABAMA, GULF COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	8	..	.02	87	..	.29	183	..	.64	274	..	1.01	1	..	1.01	1
2	6	..	.03	39	..	.27	156	..	.72	216	4	1.04	2	..	1.04	2
3	6	..	.03	44	2	.20	143	..	.67	195	2	.96	3	..	.96	3
4	6	..	.03	38	1	.18	133	1	.64	170	..	.85	4	..	.85	4
5	6	..	.03	30	..	.14	121	1	.59	159	..	.83	5	..	.83	5
6	5	..	.02	28	..	.13	107	..	.52	144	..	.76	6	..	.76	6
7	4	..	.02	27	..	.13	101	..	.51	136	3	.73	7	..	.73	7
8	4	..	.02	24	..	.12	91	..	.46	123	1	.69	8	..	.69	8
9	4	..	.02	21	..	.10	74	..	.38	109	..	.62	9	..	.62	9
10	2	..	.01	18	..	.09	63	2	.33	87	..	.51	10	..	.51	10
11	2	..	.01	16	..	.08	53	..	.28	78	1	.48	11	..	.48	11
12	2	..	.01	14	..	.07	43	..	.23	68	..	.43	12	..	.43	12
13	2	..	.01	12	..	.06	38	..	.21	62	1	.43	13	..	.43	13
14	2	..	.01	10	..	.05	32	..	.18	48	..	.36	14	..	.36	14
15	1	..	.00	9	..	.05	25	..	.15	40	..	.32	15	..	.32	15
16	..	..	..	9	..	.05	21	..	.13	37	..	.31	16	..	.31	16
17	..	..	..	7	..	.04	18	..	.12	30	..	.27	17	..	.27	17
18	..	..	..	7	..	.04	15	..	.11	25	1	.25	18	..	.25	18
19	..	..	..	5	..	.03	13	..	.10	16	..	.17	19	..	.17	19
20	..	..	..	4	..	.02	10	..	.08	14	..	.16	20	..	.16	20
21	..	..	..	3	..	.02	6	..	.05	5	..	.06	21	..	.06	21
22	..	..	..	3	..	.02	5	..	.05	5	..	.07	22	..	.07	22
23	..	..	..	3	..	.02	3	..	.03	4	..	.06	23	..	.06	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	32	..	.14	258	3	1.08	736	2	3.26	1014	6	4.69	1-5	..	4.69	1-5
6-24	28	..	.13	220	..	1.12	718	2	3.92	1033	7	6.70	6-24	..	6.70	6-24

Ages at Entry				35-39			40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	213	1	.87	176	..	.83	105	..	.67	42	1	.38	1			1
2	165	..	.86	138	1	.88	84	2	.74	37	1	.46	2			2
3	150	..	.81	119	..	.82	73	4	.71	33	..	.46	3			3
4	135	1	.77	108	1	.81	62	1	.64	31	..	.47	4			4
5	118	2	.76	102	1	.82	56	..	.63	30	1	.49	5			5
6	108	1	.67	93	1	.79	52	..	.63	26	1	.46	6			6
7	98	1	.65	88	..	.80	48	..	.63	25	2	.48	7			7
8	93	..	.65	80	..	.78	44	1	.63	20	..	.41	8			8
9	84	..	.63	70	..	.74	39	..	.60	16	..	.36	9			9
10	74	..	.59	57	2	.66	29	..	.48	10	..	.25	10			10
11	60	1	.51	42	..	.53	26	..	.47	10	..	.27	11			11
12	47	..	.43	33	..	.45	24	1	.47	4	..	.12	12			12
13	39	..	.38	30	..	.44	20	..	.43	3	..	.10	13			13
14	34	1	.36	29	2	.46	18	..	.42	2	..	.07	14			14
15	29	..	.33	20	..	.34	12	..	.31	1	..	.04	15			15
16	25	..	.31	16	..	.30	9	..	.25	1	..	.04	16			16
17	23	..	.31	13	..	.26	8	1	.25	1	..	.03	17			17
18	20	..	.29	10	..	.22	5	..	.17	1	..	.03	18			18
19	16	..	.25	9	..	.22	4	..	.15	1	..	.06	19			19
20	14	..	.24	6	..	.16	2	..	.08	1	..	.06	20			20
21	9	..	.17	2	..	.06	2	..	.09	..	..	..	21			21
22	4	..	.08	1	..	.03	2	..	.10	..	..	..	22			22
23	3	..	.07	1	..	.04	1	..	.06	..	..	..	23			23
24	1	..	.02	..	..	..	..	..	..	..	..	..	24			24
1-5	781	4	4.01	643	3	4.16	382	7	3.39	173	3	2.26	1-5			1-5
6-24	781	4	6.94	600	5	7.28	345	3	6.22	127	3	7.82	6-24			6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—C. D. MALARIAL FEVER: ONE ATTACK MORE THAN FIVE YEARS PRIOR TO APPLICATION
HABITAT: ALABAMA, GULF COUNTIES

Ages at Entry 54-56				57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	20	..	.24	13	2	.21	12	..	.25	9	..	.24	1
2	16	..	.25	9	..	.18	10	..	.28	7	..	.27	2
3	16	..	.29	9	1	.22	10	..	.32	7	1	.32	3
4	15	1	.30	8	..	.21	10	..	.35	6	..	.30	4
5	13	1	.28	8	..	.23	10	..	.39	6	..	.33	5
6	10	..	.24	8	..	.26	9	1	.39	6	..	.35	6
7	9	..	.24	8	3	.28	8	4	.38	6	..	.39	7
8	9	..	.26	5	..	.20	4	..	.21	6	1	.41	8
9	8	..	.26	5	..	.21	4	..	.23	5	..	.38	9
10	5	1	.18	4	1	.19	4	..	.25	5	1	.41	10
11	4	..	.16	1	..	.05	4	..	.27	2	..	.17	11
12	4	..	.17	..	..	..	2	..	.14	1	..	.09	12
13	3	..	.14	..	..	..	2	..	.16	..	..	..	13
14	3	..	.15	..	..	..	2	1	.17	..	..	..	14
15	3	..	.17	..	..	..	1	1	.09	..	..	..	15
16	1	..	.06	..	..	..	..	..	..	..	..	..	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	18
19	1	..	.08	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	80	2	1.36	47	3	1.03	52	..	1.59	35	1	1.46	1-5
6-24	67	1	2.25	31	4	1.19	40	7	2.29	31	2	2.20	6-24

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Ages at Entry 15-29					30-39				40-49				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	278	..	.95	..	487	1	1.88	53	281	..	1.50	..	1
2	221	..	1.02	..	381	4	1.90	211	212	3	1.62	185	2
3	193	2	.90	227	343	2	1.77	113	194	4	1.53	261	3
4	177	2	.85	235	305	1	1.62	62	170	2	1.45	138	4
5	157	1	.76	132	277	2	1.53	131	158	1	1.45	69	5
1-5	1026	5	4.48	112	1795	10	8.70	115	1025	10	7.35	132	1-5
6-7	272	..	1.33	..	486	5	2.81	178	281	1	2.85	35	6-7
8-10	301	2	1.53	131	572	1	3.69	27	319	3	3.89	77	8-10
11-15	261	..	1.40	..	505	4	4.05	99	254	3	4.32	69	11-15
16-24	132	..	.91	..	251	1	3.09	32	91	1	2.44	41	16-24
1-24	1992	7	9.65	73	3609	21	22.34	94	1970	18	21.03	56	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	75	3	.83	361	21	..	.49	..	1142	4	5.65	71	1
2	62	1	.89	117	17	..	.55	..	903	8	5.98	134	2
3	58	1	.97	103	17	1	.64	156	807	10	5.81	172	3
4	54	1	.98	102	16	..	.65	..	722	6	5.55	108	4
5	51	2	1.00	200	16	..	.72	..	659	6	5.46	110	5
1-5	300	8	4.67	171	87	1	3.05	33	4233	34	28.45	120	1-5
6-7	86	6	1.96	366	29	5	1.51	331	1154	17	10.46	163	6-7
8-10	82	2	2.32	86	28	2	1.89	106	1302	10	13.32	73	8-10
11-15	38	..	1.44	..	14	2	1.09	183	1072	9	12.30	73	11-15
16-24	9	..	.54	..	..	..	..	..	483	2	6.98	29	16-24
1-24	515	16	10.93	146	158	10	7.54	133	8244	72	71.51	101	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
35-A. MALARIAL FEVER,* ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years			
1	124	1	.38	575	4	1.90	609	4	2.13	506	2	1.37	1			
2	70	..	.30	371	1	1.67	399	3	1.84	344	2	1.65	2			
3	56	..	.25	316	3	1.45	342	4	1.61	302	5	1.48	3			
4	48	..	.22	265	3	1.25	291	4	1.40	269	2	1.35	4			
5	37	..	.17	227	1	1.09	257	1	1.26	230	..	1.20	5			
6	23	..	.11	188	..	.90	206	2	1.01	181	2	.96	6			
7	20	..	.09	158	..	.77	165	1	.83	152	3	.82	7			
8	16	..	.08	127	..	.62	126	1	.63	125	1	.69	8			
9	8	..	.04	94	1	.46	92	1	.47	91	..	.52	9			
10	8	..	.04	74	..	.36	70	..	.36	69	1	.41	10			
11	6	..	.03	57	..	.29	52	..	.28	52	..	.32	11			
12	2	..	.01	46	..	.23	39	..	.21	46	1	.30	12			
13	1	..	.00	36	1	.18	28	1	.15	38	..	.27	13			
14	1	..	.00	32	..	.17	22	..	.13	32	..	.24	14			
15	1	..	.00	28	1	.15	19	..	.11	25	..	.20	15			
16	1	..	.01	20	..	.11	16	..	.10	23	1	.20	16			
17	..	..	..	15	..	.08	14	..	.09	18	1	.16	17			
18	..	..	..	13	..	.07	12	..	.08	16	..	.16	18			
19	..	..	..	10	..	.06	9	..	.07	11	..	.12	19			
20	..	..	..	10	..	.06	8	..	.06	10	..	.12	20			
21	..	..	..	5	..	.03	4	..	.03	5	..	.06	21			
22	..	..	..	2	..	.01	2	..	.02	3	..	.04	22			
23	..	..	..	1	..	.01	1	..	.01	2	..	.03	23			
24	..	..	..	..	..	..	..	..	..	1	..	.02	24			
1-5	335	1	1.32	1754	12	7.36	1898	16	8.24	1651	11	7.55	1-5			
6-24	87	..	.41	916	3	4.56	885	6	4.64	900	10	5.64	6-24			

Ages at Entry				35-39			40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years			
1	336	1	1.38	226	..	1.06	143	..	.92	48	2	.44	1			
2	216	1	1.12	158	1	1.01	91	1	.80	33	1	.41	2			
3	185	5	1.00	135	3	.93	82	2	.78	31	..	.43	3			
4	157	2	.89	117	2	.88	70	1	.73	26	1	.39	4			
5	128	1	.76	97	3	.78	53	..	.60	21	..	.34	5			
6	105	2	.65	82	..	.70	42	2	.51	17	1	.30	6			
7	88	..	.58	65	1	.59	29	..	.38	13	..	.25	7			
8	75	1	.53	48	..	.47	24	..	.34	13	..	.27	8			
9	46	1	.35	31	1	.33	20	1	.31	7	1	.16	9			
10	42	..	.34	23	..	.26	18	..	.30	5	..	.12	10			
11	35	1	.30	18	..	.23	12	1	.22	3	..	.08	11			
12	31	1	.28	16	1	.22	7	..	.14	2	..	.06	12			
13	21	..	.21	13	..	.19	7	..	.15	2	..	.07	13			
14	15	..	.16	10	1	.16	6	1	.14	1	..	.04	14			
15	13	..	.15	9	..	.15	5	..	.13	..	..	..	15			
16	10	..	.13	6	..	.11	5	..	.14	..	..	..	16			
17	10	1	.14	4	..	.08	5	..	.16	..	..	..	17			
18	8	..	.12	4	..	.09	4	..	.14	..	..	..	18			
19	8	1	.13	3	..	.07	3	..	.11	..	..	..	19			
20	3	..	.05	2	..	.05	2	..	.08	..	..	..	20			
21	1	..	.02	1	..	.03	2	..	.09	..	..	..	21			
22	..	..	..	1	..	.03	1	..	.05	..	..	..	22			
23	..	..	..	..	..	..	1	..	.06	..	..	..	23			
24	..	..	..	..	..	..	1	..	.06	..	..	..	24			
1-5	1022	10	5.15	733	9	4.66	439	4	3.83	159	4	2.01	1-5			
6-24	511	8	4.14	336	4	3.76	194	5	3.51	63	2	1.35	6-24			

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
33—A. MALARIAL FEVER: * ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry				54-55				57-59				60-62				63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	23	..	.28	14	1	.22	2	1	.04	6	..	.16	1	..	.12	2	..	.12	2
2	18	..	.28	10	..	.20	1	..	.03	3	..	.15	3	..	.15	3	..	.15	3
3	17	..	.31	9	..	.27	1	..	.03	3	..	.15	4	..	.15	4	..	.15	4
4	15	..	.30	7	..	.18	..	..	..	2	..	.10	5	..	.10	5	..	.10	5
5	13	..	.28	6	..	.17	..	..	..	2	..	.11	6	..	.12	7	..	.12	7
6	8	1	.19	5	..	.16	..	..	..	2	..	.13	8	..	.13	8	..	.13	8
7	6	4	.16	4	..	.14	..	..	..	2	..	.07	9	..	.07	9	..	.07	9
8	2	..	.06	4	1	.16	..	..	..	1	..	.08	10	..	.08	10	..	.08	10
9	2	..	.06	2	..	.09	..	..	..	1	..	.08	11	..	.08	11	..	.08	11
10	2	..	.07	1	..	.05	..	..	..	1	..	.09	12	..	.09	12	..	.09	12
11	2	..	.08	1	..	.05	..	..	..	1	..	.10	13	..	.10	13	..	.10	13
12	2	..	.09	1	..	.06	..	..	..	1	..	.11	14	..	.11	14	..	.11	14
13	2	..	.09	1	..	.06	..	..	..	1	..	.12	15	..	.12	15	..	.12	15
14	1	..	.05	..	..	..	..	..	..	1	..	.13	16	..	.13	16	..	.13	16
15	1	..	.06	..	..	..	..	..	..	1	..	..	17	..	..	17	..	..	17
16	1	1	.06	..	..	..	..	..	..	1	1	..	18	..	..	18	..	..	18
17	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19	..	..	19
18	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20	..	..	20
19	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21	..	..	21
20	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22	..	..	22
21	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23	..	..	23
22	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24	..	..	24
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1-5	86	..	1.45	46	1	.99	4	1	.10	17	..	.68	1-5	..	..	1-5	..	..	1-5
6-24	29	6	.97	19	1	.77	..	..	..	14	2	1.14	6-24	..	..	6-24	..	..	6-24

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Ages at Entry				25-29				30-39				40-49			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	1308	9	4.41	298	882	3	3.25	82	369	..	1.98	1	..	..	1
2	840	4	3.81	105	560	3	3.77	108	249	3	1.81	110	2	..	2
3	714	7	3.31	211	487	10	2.48	403	217	5	1.71	292	3	..	3
4	608	7	2.87	244	426	4	2.24	379	187	2	1.61	182	4	..	4
5	521	2	2.52	79	398	1	1.96	51	150	2	1.38	219	5	..	5
1-5	5067	29	16.92	171	2678	21	12.70	165	1172	13	8.49	138	1-5	..	1-5
6-7	760	3	3.71	81	326	7	3.01	233	218	3	2.18	138	6-7	..	6-7
8-10	613	3	3.68	58	448	4	2.84	141	166	2	2.01	102	8-10	..	8-10
11-15	370	3	1.94	155	308	3	2.43	123	203	6	1.34	231	11-15	..	11-15
16-24	143	..	.93	..	129	4	1.83	267	48	..	1.35	..	16-24	..	16-24
1-24	1073	38	26.33	143	4084	39	22.48	173	1702	23	13.76	140	1-24	..	1-24

Ages at Entry				50-59				60 and over				All Ages at Entry			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	85	3	.94	319	8	1	.20	500	2642	34	10.78	148	1	..	1
2	61	1	.59	112	4	..	.15	..	1714	30	9.43	108	2	..	2
3	57	..	.50	..	4	..	.18	..	1479	22	8.64	253	3	..	3
4	48	1	.87	118	3	..	.13	..	1268	13	7.24	194	4	..	4
5	40	..	.79	..	2	..	.10	..	1071	6	6.73	89	5	..	5
1-5	291	5	4.85	112	21	1	.78	138	8144	49	43.34	139	1-5	..	1-5
6-7	55	6	1.20	206	4	..	.23	..	1561	19	10.31	184	6-7	..	6-7
8-10	38	2	1.04	193	4	1	.28	337	1269	12	9.23	130	8-10	..	8-10
11-15	19	..	.79	..	3	..	.84	..	803	19	7.35	138	11-15	..	11-15
16-24	1	1	.66	1667	1	1	.13	769	319	6	8.94	132	16-24	..	16-24
1-24	603	14	7.54	186	33	3	1.93	154	12098	116	74.73	156	1-24	..	1-24

*Including malarial Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Recurrent Fever.

TABLE III (Continued)
38—B. C. MALARIAL FEVER: ONE ATTACK BETWEEN TWO AND TEN YEARS PRIOR
TO APPLICATION
HABITAT: ALABAMA, OTHER THAN CULE COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	143	2	.44	626	3	2.07	793	3	2.78	704	5	2.60	1	2.60	1	1
2	88	1	.38	388	..	1.75	501	3	2.30	469	1	2.25	2	2.25	2	2
3	75	1	.34	334	1	1.34	431	3	2.03	400	4	1.96	3	1.96	3	3
4	59	..	.27	277	..	1.30	361	4	1.73	339	2	1.70	4	1.70	4	4
5	47	..	.22	224	1	1.08	295	..	1.45	279	2	1.45	5	1.45	5	5
6	35	1	.16	166	..	.80	220	1	1.08	214	..	1.13	6	1.13	6	6
7	29	..	.14	134	2	.66	175	1	.88	187	..	.98	7	.98	7	7
8	19	..	.09	112	1	.55	134	1	.67	157	1	.86	8	.86	8	8
9	9	..	.04	92	1	.43	104	..	.53	128	2	.73	9	.73	9	9
10	6	..	.03	78	..	.38	88	..	.46	109	..	.64	10	.64	10	10
11	4	..	.02	62	2	.31	66	1	.33	93	..	.58	11	.58	11	11
12	4	..	.02	46	..	.23	52	..	.28	80	2	.53	12	.53	12	12
13	4	..	.02	38	..	.19	42	1	.23	70	1	.49	13	.49	13	13
14	4	..	.02	31	..	.16	36	..	.21	63	..	.47	14	.47	14	14
15	4	..	.03	29	..	.15	32	1	.19	56	2	.45	15	.45	15	15
16	3	..	.02	22	..	.12	26	1	.16	45	..	.38	16	.38	16	16
17	3	..	.02	17	..	.09	22	..	.15	34	..	.31	17	.31	17	17
18	2	..	.01	12	..	.07	17	1	.12	25	..	.28	18	.28	18	18
19	2	..	.01	8	..	.05	10	..	.08	20	..	.21	19	.21	19	19
20	2	..	.01	4	..	.02	8	..	.06	13	..	.15	20	.15	20	20
21	1	..	.01	2	..	.01	4	..	.03	6	..	.08	21	.08	21	21
22	..	..	..	..	..	..	1	..	.01	4	1	.08	22	.08	22	22
23	..	..	..	..	..	..	..	..	..	2	1	.03	23	.03	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	412	4	1.65	1849	5	7.74	2381	13	10.29	2191	14	9.96	1-5	9.96	1-5	1-5
6-24	131	1	.64	853	6	4.24	1037	8	5.49	1301	10	8.32	6-24	8.32	6-24	6-24

Ages at Entry				35-39			40-44			45-49			50-54			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	500	5	2.05	301	3	1.41	171	3	1.09	71	1	.65	1	.65	1	1
2	321	5	1.67	206	2	1.32	107	2	.94	44	2	.55	2	.55	2	2
3	284	1	1.53	174	3	1.20	83	..	.79	34	..	.47	3	.47	3	3
4	242	4	1.38	142	1	1.07	71	..	.74	33	..	.50	4	.50	4	4
5	192	1	1.13	115	..	.92	65	1	.73	32	..	.52	5	.52	5	5
6	148	..	.92	92	1	.78	51	..	.62	25	3	.44	6	.44	6	6
7	118	2	.78	79	..	.72	41	..	.54	17	1	.32	7	.32	7	7
8	103	..	.72	63	2	.62	34	2	.49	9	1	.19	8	.19	8	8
9	83	1	.62	53	..	.58	24	..	.37	7	1	.16	9	.16	9	9
10	71	..	.57	47	1	.54	20	..	.33	6	1	.15	10	.15	10	10
11	51	..	.43	34	2	.43	18	1	.33	4	..	.11	11	.11	11	11
12	42	..	.38	28	..	.38	14	1	.27	2	..	.06	12	.06	12	12
13	37	..	.36	22	..	.32	13	..	.28	..	..	..	13	..	13	13
14	36	1	.38	20	..	.32	13	1	.20	..	..	..	14	..	14	14
15	27	..	.31	16	..	.27	12	2	.31	..	..	..	15	..	15	15
16	24	..	.30	12	1	.22	7	1	.20	..	..	..	16	..	16	16
17	19	..	.26	10	..	.20	6	..	.19	..	..	..	17	..	17	17
18	16	..	.23	8	..	.18	5	..	.17	..	..	..	18	..	18	18
19	13	..	.21	3	..	.07	4	..	.15	..	..	..	19	..	19	19
20	9	..	.15	2	..	.05	4	..	.17	..	..	..	20	..	20	20
21	4	..	.07	1	..	.03	1	..	.05	..	..	..	21	..	21	21
22	3	..	.06	1	..	.03	1	..	.05	..	..	..	22	..	22	22
23	2	1	.04	..	..	..	1	..	.06	..	..	..	23	..	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	1539	16	7.76	938	9	5.92	497	6	4.29	214	3	2.69	1-5	2.69	1-5	1-5
6-24	806	5	6.79	493	7	5.74	269	8	4.88	70	7	1.43	6-24	1.43	6-24	6-24

*Including ordinary Chills and Fever, Fever and Ague and In-
 termittent Fever, but excluding Periodic and Relapsant Fever.

TABLE III (Continued)

38- B. C. MALARIAL FEVER: ONE ATTACK BETWEEN TWO AND TEN YEARS PRIOR
TO APPLICATION
HABITAT: ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	30	1	.37	20	..	.32	6	..	.17	4	..	.10	..	..	.10	1
2	16	..	.25	11	1	.22	5	..	.14	4	..	.14	..	..	.14	2
3	15	..	.27	10	..	.24	5	..	.16	4	..	.17	..	..	.17	3
4	11	1	.22	10	..	.26	5	..	.18	3	..	.14	..	..	.14	4
5	7	..	.15	9	1	.26	5	..	.20	2	1	.10	..	..	.10	5
6	5	..	.12	5	..	.16	1	..	.04	1	..	.06	..	..	.06	6
7	5	..	.13	4	..	.14	..	..	..	1	..	.06	..	..	.06	7
8	3	..	.09	4	..	.16	..	..	..	1	..	.07	..	..	.07	8
9	3	..	.11	4	..	.17	..	..	..	1	1	.07	..	..	.07	9
10	3	..	.11	4	..	.19	..	..	..	..	..	..	..	..	..	10
11	2	..	.08	3	..	.15	..	..	..	..	..	..	..	..	..	11
12	1	..	.04	2	..	.11	..	..	..	..	..	..	..	..	..	12
13	1	..	.05	2	..	.12	..	..	..	..	..	..	..	..	..	13
14	1	..	.05	2	..	.13	..	..	..	..	..	..	..	..	..	14
15	1	..	.06	2	..	.14	..	..	..	..	..	..	..	..	..	15
16	..	..	..	2	..	.16	..	..	..	..	..	..	..	..	..	16
17	..	..	..	2	..	.17	..	..	..	..	..	..	..	..	..	17
18	..	..	..	2	..	.18	..	..	..	..	..	..	..	..	..	18
19	..	..	..	2	..	.20	..	..	..	..	..	..	..	..	..	19
20	..	..	..	2	1	.22	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	79	2	1.26	60	2	1.30	26	..	.80	17	1	.65	1	1	.65	1-5
6-24	23	..	.83	42	1	2.40	1	..	.04	4	1	.20	..	..	.20	6-24

SYNOPSIS

Ages at Entry				15-29				30-39				40-49				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	
1	1562	8	5.29	151	1204	10	4.65	215	472	6	2.50	240	1	..	..	1
2	977	4	4.43	90	790	6	3.92	153	313	4	2.26	177	2	..	..	2
3	840	5	3.91	128	684	5	3.49	143	257	5	1.99	151	3	..	..	3
4	697	4	3.30	121	581	6	3.08	195	213	1	1.81	55	4	..	..	4
5	566	1	2.75	36	471	3	2.58	116	180	1	1.65	61	5	..	..	5
1-5	4642	22	19.68	112	3730	30	17.72	169	1435	15	10.21	147	1-5	..	..	1-5
6-7	739	5	3.72	134	662	2	3.81	52	263	1	2.66	38	6-7	..	..	6-7
8-10	642	3	3.20	94	651	4	4.14	97	243	5	2.93	171	8-10	..	..	8-10
11-15	454	5	2.40	208	555	6	4.38	137	190	7	3.21	218	11-15	..	..	11-15
16-24	166	2	1.05	190	239	3	2.78	108	66	2	1.82	110	16-24	..	..	16-24
1-24	6663	37	30.03	123	5837	45	32.83	137	2197	30	20.83	144	1-24	..	..	1-24

Ages at Entry				50-59				60 and over				All Ages at Entry				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	
1	121	2	1.34	149	10	..	.27	..	3369	26	14.00	186	1	..	..	1
2	71	3	1.02	294	9	..	.28	..	2160	17	11.91	143	2	..	..	2
3	59	..	.98	..	9	..	.33	..	1849	13	10.70	121	3	..	..	3
4	54	1	.93	102	8	..	.32	..	1553	12	9.49	126	4	..	..	4
5	43	1	.93	108	7	1	.30	333	1272	7	8.21	85	5	..	..	5
1-5	353	7	5.25	133	43	1	1.45	69	10203	73	54.31	138	1-5	..	..	1-5
6-7	61	4	1.31	305	3	..	.16	..	1748	12	11.66	103	6-7	..	..	6-7
8-10	43	3	1.37	227	2	1	.14	714	1581	16	11.73	136	8-10	..	..	8-10
11-15	23	..	1.10	..	..	..	..	..	..	18	11.09	162	11-15	..	..	11-15
16-24	10	1	.93	108	..	..	..	..	..	8	6.58	122	16-24	..	..	16-24
1-24	490	15	9.91	131	48	2	1.75	114	15235	129	95.37	135	1-24	..	..	1-24

*Including ordinary Chills and Fever, Fever and Ague and In-
termittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

35—D. MALARIAL FEVER: ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			In- crease Years
In- crease Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	In- crease Years			
1	10	..	.03	97	1	.32	191	5	.67	269	5	1.00	1			
2	9	..	.04	55	..	.25	117	..	.54	177	1	.85	2			
3	7	..	.03	49	..	.23	97	1	.46	151	..	.74	3			
4	5	..	.02	37	..	.17	85	..	.41	138	..	.69	4			
5	4	..	.02	28	..	.13	73	..	.36	113	..	.59	5			
6	2	..	.01	24	..	.12	56	2	.27	97	2	.51	6			
7	2	..	.01	20	..	.10	53	2	.27	85	..	.46	7			
8	1	..	.00	17	..	.08	42	1	.21	76	1	.42	8			
9	1	..	.00	12	..	.06	33	..	.17	62	1	.35	9			
10	1	..	.00	12	..	.06	27	..	.14	57	..	.34	10			
11	1	..	.00	8	..	.04	22	1	.12	51	1	.32	11			
12	1	..	.00	5	..	.03	16	..	.09	38	..	.25	12			
13	1	..	.00	5	..	.03	13	..	.07	31	..	.22	13			
14	1	..	.00	4	..	.02	10	..	.06	27	..	.20	14			
15	1	..	.00	3	..	.02	10	..	.06	22	..	.18	15			
16	..	..	..	2	..	.01	6	..	.04	17	1	.14	16			
17	..	..	..	1	..	.01	6	..	.04	12	..	.11	17			
18	..	..	..	1	..	.01	6	..	.04	11	..	.11	18			
19	..	..	..	1	..	.01	6	..	.03	7	..	.07	19			
20	..	..	..	1	..	.01	5	..	.04	5	..	.06	20			
21	..	..	..	..	..	..	1	..	.01	3	..	.04	21			
22	..	..	..	..	..	..	..	..	..	2	..	.03	22			
23	..	..	..	..	..	..	..	..	..	1	..	.01	23			
24	..	..	..	..	..	..	..	..	..	..	..	..	24			
1-5	35	..	.14	266	1	1.10	563	6	2.44	848	6	3.87	1-5			
6-24	12	..	.02	116	..	.61	312	6	1.68	604	6	3.82	6-24			

Ages at Entry				35-39			40-44			45-49			50-53			
Increase Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Increase Years
1	263	3	1.09	250	..	1.18	174	1	1.11	87	1	.79	1			1
2	173	1	.91	155	..	.99	111	2	.98	57	2	.71	2			2
3	152	3	.82	139	..	.96	96	..	.91	49	4	.68	3			3
4	123	..	.70	115	1	.86	78	..	.81	41	..	.62	4			4
5	103	..	.61	88	..	.70	70	3	.79	33	..	.54	5			5
6	88	3	.55	73	..	.62	47	1	.67	25	..	.44	6			6
7	70	..	.46	59	..	.54	39	1	.51	19	..	.36	7			7
8	60	2	.42	53	..	.52	34	..	.49	17	..	.35	8			8
9	46	..	.35	45	1	.48	26	..	.40	13	..	.29	9			9
10	37	..	.30	39	..	.45	23	..	.38	11	..	.27	10			10
11	28	..	.24	33	..	.41	22	..	.40	9	..	.24	11			11
12	23	..	.21	26	..	.35	19	..	.37	6	1	.18	12			12
13	18	..	.18	22	..	.32	14	1	.30	4	..	.13	13			13
14	13	..	.14	19	..	.30	10	..	.23	4	..	.15	14			14
15	12	1	.14	16	1	.27	9	..	.23	4	1	.16	15			15
16	11	..	.14	14	..	.26	3	1	.08	3	..	.13	16			16
17	7	..	.09	12	..	.24	1	..	.03	2	..	.10	17			17
18	5	..	.07	8	..	.18	1	..	.03	1	..	.05	18			18
19	2	..	.03	8	..	.19	1	..	.04	..	..	..	19			19
20	2	..	.03	5	..	.13	..	..	..	..	..	..	20			20
21	..	..	..	2	..	.06	..	..	..	..	..	..	21			21
22	..	..	..	..	..	..	..	..	..	..	..	..	22			22
23	..	..	..	..	..	..	..	..	..	..	..	..	23			23
24	..	..	..	..	..	..	..	..	..	..	..	..	24			24
1-5	818	7	4.13	747	1	4.69	529	6	4.60	267	7	3.34	1-5			1-5
6-24	422	6	3.35	434	2	5.32	249	4	4.06	118	2	2.85	6-24			6-24

*Including ordinary Chills and Fever, Fever and Ague and In-
termittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)

38—D. MALARIAL FEVER: ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION HABITAT: ALABAMA, OTHER THAN GULF COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	42	1	.51	20	1	.32	9	..	.18	3	..	.09	1	..	.09	1
2	25	1	.40	13	2	.27	8	..	.22	3	..	.13	2	..	.13	2
3	23	..	.42	10	..	.24	6	..	.19	3	..	.15	3	..	.15	3
4	21	..	.42	10	1	.26	5	..	.18	3	..	.17	4	..	.17	4
5	16	2	.35	7	..	.20	5	..	.20	2	..	.13	5	..	.13	5
6	10	..	.24	7	..	.22	2	1	.09	2	1	.14	6	..	.14	6
7	9	1	.24	4	..	.14	..	..	..	1	..	.08	7	..	.08	7
8	6	..	.17	4	..	.16	..	..	..	1	..	.08	8	..	.08	8
9	5	1	.16	4	1	.17	..	..	..	..	..	..	9	..	..	9
10	4	..	.14	1	..	.03	..	..	..	..	..	..	10	..	..	10
11	3	..	.17	1	..	.05	..	..	..	..	..	..	11	..	..	11
12	1	..	.04	1	..	.06	..	..	..	..	..	..	12	..	..	12
13	1	..	.05	1	..	.06	..	..	..	..	..	..	13	..	..	13
14	..	..	..	1	..	.07	..	..	..	..	..	..	14	..	..	14
15	..	..	..	1	..	.07	..	..	..	..	..	..	15	..	..	15
16	..	..	..	1	..	.08	..	..	..	..	..	..	16	..	..	16
17	..	..	..	1	..	.08	..	..	..	..	..	..	17	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	127	4	2.10	60	4	1.29	33	..	.97	14	..	.67	1-5	..	.67	1-5
6-24	39	2	1.16	27	1	1.21	2	1	.09	4	1	.30	6-24	..	.30	6-24

SYNOPSIS

Ages at Entry					15-29				30-39				40-49				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	298	6	1.02	588	534	8	2.09	383	424	1	2.29	44	1	..	..	..	
2	181	..	.83	..	352	2	1.76	114	266	2	1.97	102	2	..	..	..	
3	153	1	.72	139	303	3	1.56	192	235	..	1.87	..	..	..	..	..	
4	127	..	.60	..	261	..	1.39	..	193	1	1.67	60	4	..	..	..	
5	105	..	.51	..	216	..	1.20	..	138	3	1.49	201	5	..	..	..	
1-5	864	7	3.68	190	1666	13	8.00	163	1276	7	9.29	73	1-5	..	..	..	
6-7	157	4	.78	513	340	5	1.98	253	218	2	2.24	89	6-7	..	..	..	
8-10	146	1	.72	139	338	4	2.18	183	220	1	2.72	37	8-10	..	..	..	
11-15	101	1	.54	185	263	7	2.08	96	190	2	3.18	63	11-15	..	..	..	
16-24	36	..	.27	..	85	1	.93	108	55	1	1.24	81	16-24	..	..	..	
1-24	1304	13	3.99	217	2692	25	15.17	163	1959	13	18.67	70	1-24	..	..	..	

Ages at Entry					50-59				60 and over				All Ages at Entry				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	149	3	1.62	185	12	..	.27	..	1417	18	7.29	247	1	..	..	..	
2	95	5	1.38	362	11	..	.35	..	905	9	6.79	143	2	..	..	..	
3	82	4	1.34	299	9	..	.34	..	782	8	5.83	137	3	..	..	..	
4	72	1	1.30	77	8	..	.35	..	661	7	5.31	38	4	..	..	..	
5	56	2	1.09	183	7	..	.33	..	542	5	4.62	108	5	..	..	..	
1-5	434	15	6.73	223	47	..	1.64	..	4307	42	29.34	143	1-5	..	..	..	
6-7	74	1	1.64	61	5	2	.31	645	794	14	6.93	201	6-7	..	..	..	
8-10	65	2	1.76	114	1	..	.08	..	770	8	7.46	107	8-10	..	..	..	
11-15	37	2	1.38	145	..	..	..	..	591	7	7.18	97	11-15	..	..	..	
16-24	8	..	.44	..	..	..	..	..	184	2	2.88	69	16-24	..	..	..	
1-24	638	20	11.95	167	53	2	2.03	99	6646	73	53.81	136	1-24	..	..	..	

*Including ordinary Chills and Fever, Fever and Ague (Intermittent Fever), but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
3B-A, B, C, D, J. MALARIAL FEVER,* ONE ATTACK AT ANY TIME IN THE PAST
HABITAT: GEORGIA, SEACOAST COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	53	..	.16	305	..	1.01	438	5	1.53	397	..	1.47	1	..	1.47	1
2	37	..	.16	202	1	.91	297	1	1.37	285	1	1.36	2	..	1.36	2
3	30	..	.14	167	..	.77	249	2	1.17	242	1	1.19	3	..	1.19	3
4	26	..	.12	144	..	.68	216	..	1.04	201	..	1.01	4	..	1.01	4
5	24	..	.11	129	..	.62	186	1	.91	174	1	.90	5	..	.90	5
6	19	..	.09	112	..	.54	168	3	.82	156	3	.83	6	..	.83	6
7	16	..	.08	95	..	.47	136	1	.68	130	2	.70	7	..	.70	7
8	15	1	.07	83	..	.41	115	..	.58	112	1	.62	8	..	.62	8
9	9	..	.04	74	..	.36	108	3	.55	93	1	.53	9	..	.53	9
10	8	..	.04	60	..	.29	92	1	.48	83	1	.49	10	..	.49	10
11	6	..	.03	41	2	.21	70	..	.37	68	..	.42	11	..	.42	11
12	5	..	.02	30	..	.15	55	2	.30	56	..	.37	12	..	.37	12
13	2	..	.01	27	1	.14	40	..	.22	48	..	.34	13	..	.34	13
14	2	..	.01	25	..	.13	33	..	.19	44	1	.33	14	..	.33	14
15	2	..	.01	22	..	.12	29	1	.17	35	..	.28	15	..	.28	15
16	1	..	.01	16	1	.09	19	1	.12	30	..	.26	16	..	.26	16
17	1	..	.01	11	..	.06	14	1	.09	28	..	.25	17	..	.25	17
18	1	..	.01	5	..	.03	9	..	.06	21	..	.21	18	..	.21	18
19	1	..	.01	4	..	.02	5	..	.04	19	..	.20	19	..	.20	19
20	1	..	.01	3	..	.02	5	..	.04	15	..	.17	20	..	.17	20
21	1	..	.01	..	..	..	3	..	.03	10	..	.13	21	..	.13	21
22	..	..	..	..	..	..	..	..	..	5	..	.07	22	..	.07	22
23	..	..	..	..	..	..	..	..	..	3	..	.04	23	..	.04	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	170	..	.69	947	1	3.99	1386	9	6.07	1297	3	5.93	1-5	..	5.93	1-5
6-24	90	1	.46	608	4	3.04	901	13	4.74	956	9	6.24	6-24	..	6.24	6-24

Ages at Entry				35-39			40-44			45-49			50-53			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	289	2	1.18	188	3	.83	105	..	.67	51	..	.46	1	..	.46	1
2	198	3	1.03	118	2	.76	73	..	.64	52	1	.40	2	..	.40	2
3	172	2	.93	100	..	.69	64	2	.61	28	1	.39	3	..	.39	3
4	143	..	.82	85	..	.64	57	3	.59	24	..	.36	4	..	.36	4
5	128	..	.76	67	1	.54	46	2	.52	22	..	.36	5	..	.36	5
6	107	..	.66	61	2	.52	38	2	.46	17	2	.30	6	..	.30	6
7	99	..	.65	55	2	.50	26	..	.34	11	..	.21	7	..	.21	7
8	89	..	.62	48	..	.47	22	1	.31	10	..	.14	8	..	.14	8
9	77	2	.58	41	1	.43	18	..	.28	6	..	.15	9	..	.15	9
10	67	7	.54	34	..	.39	18	..	.30	6	..	.15	10	..	.15	10
11	47	1	.40	26	..	.33	15	2	.27	5	..	.14	11	..	.14	11
12	35	..	.32	21	..	.28	10	..	.20	5	..	.13	12	..	.13	12
13	29	1	.28	16	..	.23	8	..	.17	5	..	.17	13	..	.17	13
14	23	1	.24	14	..	.22	6	..	.14	5	..	.18	14	..	.18	14
15	19	..	.22	12	..	.21	5	..	.13	4	..	.16	15	..	.16	15
16	18	..	.23	10	1	.19	3	..	.08	3	..	.13	16	..	.13	16
17	16	..	.22	7	..	.14	2	..	.06	3	..	.13	17	..	.13	17
18	12	..	.18	7	..	.15	2	..	.07	3	..	.16	18	..	.16	18
19	11	..	.17	6	..	.14	1	..	.04	3	..	.17	19	..	.17	19
20	6	..	.10	4	..	.11	1	..	.04	3	..	.19	20	..	.19	20
21	3	..	.06	2	1	.06	1	..	.05	2	..	.14	21	..	.14	21
22	2	..	.04	..	..	..	..	..	..	2	..	.15	22	..	.15	22
23	1	..	.02	..	..	..	..	..	..	1	..	.08	23	..	.08	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	930	7	4.72	558	6	3.51	345	7	3.03	157	2	1.97	1-5	..	1.97	1-5
6-24	661	7	5.53	364	7	4.37	176	5	2.94	94	2	2.93	6-24	..	2.93	6-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—A, B, C, D, J. MALARIAL FEVER: ONE ATTACK AT ANY TIME IN THE PAST
HABITAT: GEORGIA, SEACOAST COUNTIES

Ages at Entry 54-56				57-59			60-62			63 and over			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insu- ance Years
1	21	..	.26	9	..	.14	4	..	.08	3	..	.08	1
2	15	..	.24	9	..	.18	3	..	.08	1	..	.04	2
3	13	..	.24	6	1	.14	3	..	.10	..	..	..	3
4	12	..	.24	5	..	.13	2	..	.07	..	..	..	4
5	11	..	.24	4	..	.12	2	..	.08	..	..	..	5
6	10	..	.24	4	1	.13	2	..	.09	..	..	..	6
7	10	..	.26	2	..	.07	2	..	.09	..	..	..	7
8	10	..	.29	2	..	.08	2	..	.10	..	..	..	8
9	8	..	.26	2	1	.09	2	..	.11	..	..	..	9
10	7	1	.25	1	..	.05	2	..	.12	..	..	..	10
11	5	..	.12	..	..	..	..	..	..	..	..	..	11
12	3	..	.13	..	..	..	..	..	..	..	..	..	12
13	3	1	.14	..	..	..	..	..	..	..	..	..	13
14	2	..	.10	..	..	..	..	..	..	..	..	..	14
15	2	..	.11	..	..	..	..	..	..	..	..	..	15
16	2	..	.12	..	..	..	..	..	..	..	..	..	16
17	2	..	.13	..	..	..	..	..	..	..	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	18
19	1	..	.08	..	..	..	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	20
21	1	..	.09	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	72	..	1.22	33	1	.71	14	..	.41	4	..	.12	1-5
6-24	66	2	2.47	11	2	.42	10	..	.31	..	..	..	6-24

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Ages at Entry 15-29					30-39				40-49			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	796	5	2.70	183	686	2	2.63	73	293	3	1.55	194
2	536	2	2.44	82	481	4	2.39	167	191	2	1.40	143
3	446	2	2.08	96	414	3	2.12	142	164	2	1.30	154
4	386	..	1.84	..	344	..	1.83	..	142	3	1.23	244
5	339	1	1.64	61	302	1	1.66	60	113	3	1.06	283
1-5	2303	10	10.70	93	2227	10	10.65	94	903	13	6.54	199
6-7	546	4	2.68	149	492	5	2.84	176	180	6	1.82	330
8-10	564	5	2.82	177	521	7	3.36	207	181	2	2.18	92
11-15	389	6	2.08	288	404	4	3.20	125	135	2	2.18	92
16-24	100	3	.66	455	200	..	2.35	..	46	2	1.13	177
1-24	4102	28	18.94	148	3846	26	22.42	116	1443	25	13.83	181

Ages at Entry 50-59					60 and over				All Ages at Entry				
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insu- ance Years
1	81	..	.86	..	7	..	.16	..	1863	10	7.92	126	1
2	56	1	.82	122	4	..	.12	..	1268	9	7.17	126	2
3	47	2	.77	260	3	..	.10	..	1074	9	6.37	141	3
4	41	..	.73	..	2	..	.07	..	915	3	3.70	53	4
5	37	..	.72	..	2	..	.08	..	793	5	5.16	97	5
1-5	267	3	3.90	77	18	..	.33	..	5913	36	32.32	111	1-5
6-7	54	3	1.21	248	4	..	.18	..	1276	18	8.73	206	6-7
8-10	52	2	1.52	132	6	..	.33	..	1324	16	10.23	156	8-10
11-15	37	1	1.60	71	..	..	..	..	963	13	8.86	147	11-15
16-24	28	..	1.74	..	..	..	..	..	374	5	5.88	85	16-24
1-24	433	9	9.77	92	28	..	1.04	..	9850	88	66.02	133	1-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
 mittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)
35—A. MALARIAL FEVER: * ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: GEORGIA, OTHER THAN SEACOAST COUNTIES

Age at Entry		25-29			30-34			35-39			40-44			45-49			50-54		
Inter- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Inter- year Years
1	31	1	.23	514	3	1.70	369	3	1.99	383	1	1.43	1	1.43	1	1	1	1.43	1
2	44	..	..	19	305	1	1.33	363	1	1.69	236	3	1.69	236	3	1	1.20	2	3
3	40	..	..	18	262	4	1.23	308	4	1.45	205	..	1.45	205	..	..	1.60	3	5
4	34	..	..	16	221	..	1.04	256	2	1.23	181	..	1.23	181	..	..	.91	4	4
5	28	1	.13	187	..	.90	213	..	1.06	160	2	.83	1	1.06	160	2	..	.83	5
6	28	..	..	11	167	..	.80	188	..	.91	153	1	..	.91	153	1	..	.70	6
7	16	..	..	.06	146	3	.72	162	1	.81	113	..	..	.81	113	..	..	.61	7
8	12	..	..	.06	119	..	.58	135	2	.70	101	1	..	.70	101	1	..	.56	8
9	13	..	..	.06	100	..	.49	105	..	.56	85	..	..	.56	85	..	..	.46	9
10	10	..	..	.01	89	..	.44	94	1	.49	72	1	..	.49	72	1	..	.42	10
11	7	..	..	.03	63	1	.32	69	1	.37	53	..	..	.37	53	..	..	.33	11
12	6	..	..	.02	53	1	.27	64	1	.35	46	..	..	.35	46	..	..	.30	12
13	3	..	..	.01	47	..	.24	52	..	.29	38	..	..	.29	38	..	..	.27	13
14	2	..	..	.01	41	..	.21	43	..	.26	35	2	..	.26	35	2	..	.26	14
15	..	..	..	..	38	..	.20	40	..	.24	31	..	..	.24	31	..	..	.21	15
16	..	..	..	..	27	..	.18	34	..	.21	26	1	..	.21	26	1	..	.21	16
17	..	..	..	..	21	2	.12	32	..	.20	20	3	..	.19	27	..	..	.18	17
18	..	..	..	..	12	..	.07	27	..	.15	15	..	..	.15	15	..	..	.13	18
19	..	..	..	..	9	..	.05	23	1	.17	10	..	..	.17	10	..	..	.11	19
20	..	..	..	..	7	1	.04	19	..	.18	9	1	..	.18	9	1	..	.16	20
21	..	..	..	..	3	..	.02	12	..	.10	5	..	..	.10	5	..	..	.06	21
22	..	..	..	..	2	..	.01	5	..	.08	2	..	..	.08	2	..	..	.05	22
23	..	..	..	..	1	..	.01	3	..	.08	2	..	..	.08	2	..	..	.05	23
24	..	..	..	..	..	..	..	2	..	.09	1	..	..	.09	1	..	..	.05	24
1-5	222	2	.91	1489	7	6.22	1717	13	7.42	1189	6	5.39	1-5	..	..	..	..	..	1-5
6-24	90	..	.43	545	6	4.74	1117	7	6.11	798	8	5.86	6-24	..	..	..	..	..	6-24

Age at Entry		35-39			40-44			45-49			50-54		
Inter- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Inter- year Years
1	293	2	1.20	266	..	.98	113	2	.72	37	1	.34	1
2	191	4	.90	138	..	.88	63	..	.55	26	..	.53	2
3	157	..	.83	118	..	.81	47	2	.45	22	1	.36	3
4	132	1	.73	103	..	.73	38	..	.40	20	..	.36	4
5	105	2	.62	89	2	.71	34	..	.38	18	..	.29	5
6	89	..	.52	71	..	.60	23	..	.39	17	..	.36	6
7	74	..	.45	63	..	.57	22	1	.29	11	..	.21	7
8	61	..	.43	51	..	.50	18	2	.26	9	..	.16	8
9	53	1	.40	37	..	.39	13	..	.20	7	..	.16	9
10	49	1	.33	31	2	.36	9	..	.15	4	..	.10	10
11	33	..	.28	20	1	.26	7	..	.13	3	..	.08	11
12	29	..	.26	16	..	.22	6	..	.12	2	..	.06	12
13	24	..	.24	15	..	.22	5	..	.11	2	..	.07	13
14	19	..	.20	13	..	.21	5	..	.12	2	..	.07	14
15	17	..	.20	10	..	.17	5	..	.13	..	..	..	15
16	15	1	.19	8	1	.15	5	1	.08	..	..	..	16
17	12	..	.16	7	..	.16	2	..	.08	..	..	..	17
18	10	..	.13	7	..	.15	1	..	.05	..	..	..	18
19	10	1	.14	7	1	.17	1	..	.04	..	..	..	19
20	7	..	.12	6	..	.16	1	..	.04	..	..	..	20
21	5	1	.06	3	..	.09	1	..	.05	..	..	..	21
22	1	..	.02	1	..	.03	1	..	.05	..	..	..	22
23	1	..	.02	..	..	..	1	..	.06	..	..	..	23
24	1	..	.02	..	..	..	1	1	.06	..	..	..	24
1-5	578	9	4.41	657	2	4.15	295	4	2.50	125	2	1.86	1-5
6-24	495	3	4.27	566	3	4.58	134	3	2.37	54	3	1.71	6-24

*Including ordinary Chills and Fever, Pever and Ague and Intermittent Fever, but excluding Pneumonia and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: * ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry				57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	18	1	.22	8	..	.13	8	..	.16	7	..	.19	1
2	9	..	.14	5	1	.10	5	..	.14	4	..	.14	2
3	6	..	.11	3	..	.07	5	..	.16	4	..	.17	3
4	6	..	.12	3	..	.08	5	1	.18	4	..	.19	4
5	6	2	.13	3	..	.09	2	..	.08	3	..	.15	5
6	4	..	.10	3	..	.10	2	..	.09	3	..	.17	6
7	3	..	.08	3	1	.11	2	..	.09	3	..	.19	7
8	2	..	.06	2	..	.08	2	2	.10	3	2	.20	8
9	2	..	.06	2	..	.09	..	..	..	1	..	.07	9
10	2	..	.07	2	1	.09	..	..	..	1	..	.08	10
11	2	..	.08	1	..	.05	..	..	..	..	..	..	11
12	2	..	.09	1	1	.06	..	..	..	..	..	..	12
13	2	..	.09	..	..	..	..	..	..	..	..	..	13
14	2	..	.10	..	..	..	..	..	..	..	..	..	14
15	2	..	.11	..	..	..	..	..	..	..	..	..	15
16	2	..	.12	..	..	..	..	..	..	..	..	..	16
17	2	..	.13	..	..	..	..	..	..	..	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	18
19	1	..	.08	..	..	..	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	45	3	.72	22	1	.47	25	1	.72	22	..	.84	1-5
6-24	30	..	1.32	14	3	.58	6	2	.28	11	2	.71	6-24

SYNOPSIS

Ages at Entry					58-59				60-69				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	1164	6	3.94	157	689	3	2.65	113	322	2	1.70	118	1
2	716	2	3.23	62	441	7	2.19	320	201	..	1.43	..	2
3	610	5	2.84	282	362	..	1.85	..	165	2	1.26	159	3
4	511	2	2.43	82	313	1	1.66	60	141	..	1.17	..	4
5	432	2	2.09	96	265	4	1.45	276	123	2	1.09	183	5
1-5	3433	20	14.55	137	2067	13	9.80	153	952	6	6.65	90	1-5
6-7	701	2	3.43	38	409	1	2.33	43	188	1	1.85	54	6-7
8-10	684	3	3.43	87	412	4	2.61	153	159	4	1.86	215	8-10
11-15	328	4	2.82	142	325	2	2.59	77	107	1	1.68	60	11-15
16-24	239	4	1.60	230	148	6	1.78	337	51	4	1.36	294	16-24
1-24	5585	33	25.83	128	3361	28	19.13	146	1452	16	13.40	119	1-24

Ages at Entry					60 and over				All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	63	2	.69	290	13	..	.35	..	2250	13	9.33	139	1
2	40	1	.57	175	9	..	.28	..	1407	10	7.72	130	2
3	31	1	.48	208	9	..	.35	..	1177	11	6.76	163	3
4	29	..	.50	..	9	1	.37	270	1003	4	6.13	63	4
5	27	2	.51	292	5	..	.23	..	832	10	5.37	186	5
1-5	190	6	2.75	218	47	1	1.56	64	6639	48	33.31	136	1-5
6-7	41	1	.90	111	10	..	.54	..	1349	5	9.07	33	6-7
8-10	31	1	.87	115	7	4	.45	889	1293	16	9.22	174	8-10
11-15	21	3	.86	349	..	..	..	..	976	10	7.95	126	11-15
16-24	7	..	.48	..	..	..	..	..	443	14	5.22	268	16-24
1-24	290	11	5.86	188	64	5	2.55	196	10732	93	66.77	139	1-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-mittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
38—B. C. MALARIAL FEVER: ONE ATTACK BETWEEN TWO AND TEN YEARS PRIOR
TO APPLICATION
HABITAT: GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry		15-19			20-24			25-29			30-34			
Source Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune- ness Years	
1	81	..	.25	556	2	1.83	789	3	2.76	642	6	2.38	1	
2	55	3	.24	316	1	1.42	475	1	2.19	398	3	1.91	2	
3	47	..	.21	263	1	1.21	398	4	1.87	330	1	1.62	3	
4	38	..	.17	224	1	1.05	343	1	1.65	275	1	1.38	4	
5	26	..	.12	192	..	.92	290	2	1.42	238	1	1.24	5	
6	19	..	.09	156	1	.75	242	..	1.19	193	..	1.02	6	
7	15	..	.07	125	1	.61	211	1	1.06	161	4	.87	7	
8	13	..	.06	103	..	.50	175	..	.88	129	..	.71	8	
9	8	..	.04	86	..	.42	142	1	.72	115	1	.66	9	
10	6	..	.03	68	1	.35	117	..	.61	96	..	.57	10	
11	5	..	.02	50	..	.25	101	2	.54	78	1	.48	11	
12	5	..	.02	42	..	.21	88	..	.48	72	..	.48	12	
13	5	..	.01	34	..	.17	71	1	.39	62	..	.43	13	
14	2	..	.01	29	..	.15	65	..	.37	56	..	.42	14	
15	2	..	.01	27	..	.14	61	..	.36	48	..	.38	15	
16	1	..	.01	21	..	.11	56	1	.35	41	1	.35	16	
17	1	..	.01	18	..	.10	43	1	.28	34	..	.31	17	
18	1	..	.01	14	..	.08	36	..	.25	27	..	.26	18	
19	..	..	..	11	..	.06	30	..	.23	21	1	.22	19	
20	..	..	..	10	..	.06	26	..	.21	18	..	.18	20	
21	..	..	..	6	..	.04	7	..	.06	9	..	.11	21	
22	..	..	..	1	..	.01	4	..	.04	4	..	.08	22	
23	..	..	..	1	..	.01	2	..	.02	3	..	.04	23	
24	..	..	..	..	..	..	..	..	..	1	..	.02	24	
1-5	247	3	.99	1551	5	6.43	2295	11	9.89	1833	12	8.53	1-5	
6-24	81	..	.39	802	3	4.00	1477	7	8.04	1163	8	7.53	6-24	

Ages at Entry		35-39		40-44		45-49		50-53		55-59		60-64	
Immune- ness Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune- ness Years
1	485	4	1.99	316	4	1.49	168	..	1.08	84	1	.76	1
2	312	3	1.62	185	2	1.18	99	1	.87	47	2	.59	2
3	269	6	1.45	156	1	1.08	82	..	.78	39	..	.54	3
4	222	4	1.27	136	..	1.02	71	..	.74	36	..	.54	4
5	185	1	1.09	110	1	.88	62	..	.70	31	..	.51	5
6	150	..	.93	87	1	.74	49	..	.60	26	1	.46	6
7	126	1	.83	74	3	.67	40	..	.53	22	1	.42	7
8	110	..	.77	58	..	.57	31	3	.44	18	..	.37	8
9	93	2	.70	46	..	.49	23	1	.35	14	1	.32	9
10	81	..	.65	39	..	.45	22	1	.37	11	..	.27	10
11	66	..	.56	34	..	.43	15	..	.27	9	1	.24	11
12	59	..	.54	31	1	.42	14	..	.27	7	..	.21	12
13	49	1	.48	26	1	.38	14	1	.30	6	..	.20	13
14	45	1	.48	18	..	.28	12	..	.28	5	..	.18	14
15	39	..	.45	16	..	.27	10	..	.26	5	..	.20	15
16	32	1	.40	15	..	.28	9	1	.25	4	..	.18	16
17	24	1	.32	11	..	.22	5	..	.16	4	1	.19	17
18	22	..	.32	9	..	.20	5	1	.17	3	1	.16	18
19	17	..	.27	7	..	.17	3	..	.11	2	..	.12	19
20	16	..	.27	6	..	.16	3	..	.13	1	..	.06	20
21	8	1	.15	4	..	.12	2	..	.09	1	..	.07	21
22	3	..	.06	1	..	.03	2	1	.10	1	..	.07	22
23	..	..	..	..	..	..	1	..	.06	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1473	18	7.42	903	8	5.65	482	1	4.17	237	3	2.94	1-5
6-24	940	8	8.18	482	6	5.88	260	9	4.74	139	6	5.72	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Purificans and Remittent Fever.

TABLE III (Continued)

35-B, C. MALARIAL FEVER: ONE ATTACK BETWEEN TWO AND TEN YEARS PRIOR TO APPLICATION
HABITAT: GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry				64-69			70-79			80-89			90 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	29	..	.35	14	1	.22	9	..	.18	3	..	.08	1	..	.05	1
2	15	..	.24	11	..	.22	5	..	.14	2	..	.09	2	..	.09	2
3	11	..	.20	7	..	.17	5	..	.16	2	..	.10	3	..	.10	3
4	10	..	.20	5	..	.13	4	..	.14	2	..	.11	4	..	.11	4
5	8	..	.18	4	..	.12	3	..	.12	2	..	.17	5	..	.17	5
6	7	..	.17	3	..	.10	3	..	.13	2	..	.13	6	..	.13	6
7	6	..	.16	2	..	.07	3	..	.14	2	..	.14	7	..	.14	7
8	5	..	.15	2	..	.08	2	..	.10	..	..	..	8	..	..	8
9	4	..	.13	2	..	.09	2	..	.11	..	..	..	9	..	..	9
10	3	1	.11	2	..	.09	2	..	.12	..	..	..	10	..	..	10
11	2	..	.08	2	..	.10	1	..	.07	..	..	..	11	..	..	11
12	2	..	.09	1	..	.06	1	..	.07	..	..	..	12	..	..	12
13	1	..	.05	1	..	.06	1	..	.08	..	..	..	13	..	..	13
14	1	1	.05	1	..	.07	..	..	..	..	..	..	14	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	73	..	1.17	41	1	.86	26	..	.74	11	..	.50	1-5	..	..	1-5
6-24	31	2	.99	16	..	.72	15	..	.82	4	2	.27	6-24	..	..	6-24

SYNOPSIS

Ages at Entry					30-39				40-49				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	1426	5	4.84	103	1127	10	4.37	229	484	4	2.57	136	1
2	846	5	3.85	130	716	6	3.53	170	284	3	2.05	146	2
3	708	5	3.29	152	599	7	3.07	228	238	1	1.86	54	3
4	605	2	2.87	70	497	5	2.65	189	207	..	1.76	..	4
5	508	2	2.46	81	423	2	2.33	86	172	1	1.58	63	5
1-5	4093	19	17.31	110	3356	30	15.93	188	1383	9	9.82	92	1-5
6-7	768	3	3.77	89	630	5	3.65	137	250	4	2.54	157	6-7
8-10	718	2	3.59	56	624	3	4.06	74	219	3	2.67	187	8-10
11-15	585	3	3.13	96	574	3	4.70	64	190	3	3.16	93	11-15
16-24	289	2	1.94	103	275	5	3.80	152	83	3	2.23	133	16-24
1-24	6453	29	29.74	98	5459	46	31.66	145	2177	24	20.44	117	1-24

Ages at Entry					60 and over				All Ages at Entry				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	127	2	1.33	150	12	..	.26	..	3176	21	13.37	157	1
2	73	2	1.05	190	7	..	.23	..	1920	16	10.71	149	2
3	57	..	.91	..	7	..	.26	..	1609	13	9.39	138	3
4	51	..	.87	..	6	..	.25	..	1366	7	8.40	83	4
5	43	..	.81	..	5	..	.24	..	1151	5	7.42	67	5
1-5	351	4	4.97	89	37	..	1.24	..	9222	62	49.29	126	1-5
6-7	66	2	1.38	145	10	2	.54	376	1724	16	11.88	135	6-7
8-10	61	2	1.61	124	6	..	.35	..	1628	12	12.26	98	8-10
11-15	43	2	1.59	126	3	..	.22	..	1393	11	12.80	86	11-15
16-24	16	2	.85	235	..	..	..	..	663	12	8.34	144	16-24
1-24	537	12	10.40	115	56	2	2.33	86	14632	113	94.57	119	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—D. MALARIAL FEVER: * ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	6	..	.02	90	..	.30	207	..	.72	312	1	1.15	1	1	1	1
2	4	..	.02	49	..	.22	122	..	.56	195	1	.94	2	2	2	2
3	2	..	.01	45	..	.21	100	..	.47	166	..	.81	3	3	3	3
4	2	..	.01	37	..	.17	85	..	.41	144	1	.77	4	4	4	4
5	1	..	.00	34	..	.16	81	..	.40	122	2	.63	5	5	5	5
6	1	..	.00	26	..	.12	73	..	.37	102	1	.54	6	6	6	6
7	1	..	.00	22	..	.11	62	2	.31	83	..	.45	7	7	7	7
8	1	..	.00	20	..	.10	47	..	.24	76	..	.42	8	8	8	8
9	..	..	..	19	..	.09	41	1	.21	64	..	.36	9	9	9	9
10	..	..	..	16	..	.08	33	..	.17	54	..	.32	10	10	10	10
11	..	..	..	10	..	.05	28	..	.15	45	..	.28	11	11	11	11
12	..	..	..	10	..	.05	22	..	.12	39	..	.26	12	12	12	12
13	..	..	..	10	..	.05	16	..	.09	33	..	.23	13	13	13	13
14	..	..	..	8	..	.04	15	..	.09	30	..	.22	14	14	14	14
15	..	..	..	7	..	.04	14	..	.08	28	..	.22	15	15	15	15
16	..	..	..	6	..	.03	11	..	.07	22	3	.19	16	16	16	16
17	..	..	..	6	..	.03	11	..	.07	11	..	.10	17	17	17	17
18	..	..	..	2	..	.01	9	..	.06	11	..	.11	18	18	18	18
19	..	..	..	1	..	.01	8	..	.06	8	..	.08	19	19	19	19
20	..	..	..	1	..	.01	7	..	.06	6	..	.07	20	20	20	20
21	..	..	..	..	..	..	4	..	.03	2	..	.03	21	21	21	21
22	..	..	..	..	..	..	3	..	.03	1	..	.01	22	22	22	22
23	..	..	..	..	..	..	3	..	.03	..	..	..	23	23	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	24	24	24
1-5	15	..	.06	255	..	1.06	595	..	2.56	939	5	4.25	1-5	1-5	1-5	1-5
6-24	3	..	..	164	..	.87	409	3	2.24	615	4	3.90	6-24	6-24	6-24	6-24

Ages at Entry				35-39			40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	283	2	1.16	272	1	1.28	191	1	1.22	80	2	.73	1	1	1	1
2	169	1	.88	158	1	1.01	108	7	.95	38	..	.48	2	2	2	2
3	142	..	.77	135	..	.93	92	..	.87	35	..	.48	3	3	3	3
4	119	1	.68	113	3	.85	72	1	.75	32	..	.48	4	4	4	4
5	103	..	.61	91	1	.73	62	..	.70	25	2	.41	5	5	5	5
6	91	..	.56	74	..	.63	54	2	.66	19	..	.33	6	6	6	6
7	81	1	.53	66	1	.60	42	..	.55	18	2	.34	7	7	7	7
8	69	1	.48	51	1	.50	33	..	.47	14	..	.29	8	8	8	8
9	57	1	.43	37	1	.39	27	..	.42	12	..	.27	9	9	9	9
10	47	..	.38	31	..	.36	24	..	.40	8	1	.20	10	10	10	10
11	34	1	.29	25	..	.31	19	..	.34	6	..	.16	11	11	11	11
12	31	..	.28	17	..	.23	18	..	.35	6	..	.18	12	12	12	12
13	26	4	.25	15	1	.22	17	..	.36	5	..	.17	13	13	13	13
14	19	..	.20	11	..	.17	15	..	.35	3	..	.11	14	14	14	14
15	17	..	.20	10	..	.17	14	..	.36	1	..	.04	15	15	15	15
16	13	..	.16	8	..	.15	13	..	.37	..	..	..	16	16	16	16
17	12	..	.16	7	..	.14	12	..	.37	..	..	..	17	17	17	17
18	12	1	.18	5	..	.11	11	..	.38	..	..	..	18	18	18	18
19	8	..	.13	5	..	.12	8	..	.30	..	..	..	19	19	19	19
20	6	1	.10	4	..	.11	5	1	.21	..	..	..	20	20	20	20
21	3	1	.06	3	..	.09	3	..	.14	..	..	..	21	21	21	21
22	2	..	.04	1	..	.03	2	1	.10	..	..	..	22	22	22	22
23	..	..	..	..	..	..	1	..	.06	..	..	..	23	23	23	23
24	..	..	..	..	..	..	1	..	.06	..	..	..	24	24	24	24
1-5	816	4	4.10	769	6	4.80	525	4	4.49	210	4	2.58	1-5	1-5	1-5	1-5
6-24	528	11	4.43	370	4	4.33	319	4	6.25	92	3	2.04	6-24	6-24	6-24	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermit-
tent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—D. MALARIAL FEVER: ONE ATTACK MORE THAN TEN YEARS PRIOR TO APPLICATION
HABITAT: GEORGIA, OTHER THAN SEACOAST COUNTIES

Ages at Entry 54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	37	..	.45	30	1	.48	10	..	.21	5	..	.14	1
2	20	..	.32	14	..	.29	7	1	.19	3	..	.13	2
3	17	..	.31	13	1	.31	4	..	.13	3	..	.13	3
4	14	1	.28	12	..	.32	4	..	.14	3	..	.17	4
5	12	..	.26	11	..	.32	3	..	.12	3	..	.18	5
6	7	..	.17	9	..	.29	2	..	.09	2	..	.13	6
7	7	..	.18	6	..	.21	2	..	.09	..	..	..	7
8	7	..	.20	6	2	.23	2	..	.10	..	..	..	8
9	6	..	.19	3	..	.13	2	..	.11	..	..	..	9
10	6	..	.21	3	1	.14	2	..	.12	..	..	..	10
11	5	..	.20	2	..	.10	1	..	.07	..	..	..	11
12	4	..	.17	2	..	.11	1	..	.07	..	..	..	12
13	4	..	.19	1	..	.06	1	..	.08	..	..	..	13
14	3	..	.15	1	..	.07	1	..	.08	..	..	..	14
15	3	..	.17	1	..	.07	1	..	.09	..	..	..	15
16	3	..	.19	..	..	..	..	..	..	..	..	..	16
17	3	..	.20	..	..	..	..	..	..	..	..	..	17
18	1	1	.07	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	100	1	1.62	80	2	1.72	28	1	.79	17	..	.77	1-5
6-24	59	1	2.29	34	3	1.41	15	..	.90	2	..	.13	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	303	..	1.04	..	595	3	2.31	130	463	2	2.50	80	1
2	175	..	.80	..	364	2	1.82	110	266	3	1.96	133	2
3	147	..	.69	..	308	..	1.58	..	227	..	1.80	..	3
4	124	..	.59	..	263	2	1.60	143	185	4	1.60	250	4
5	116	..	.56	..	225	2	1.24	161	133	1	1.43	70	5
1-5	863	..	3.68	..	1755	9	8.33	108	1294	10	9.29	106	1-5
6-7	187	2	.91	220	357	2	2.08	96	236	3	2.44	123	6-7
8-10	177	1	.89	112	367	2	2.39	84	203	2	2.54	79	8-10
11-15	140	..	.76	..	302	3	2.44	205	161	1	2.86	35	11-15
16-24	72	..	.50	..	117	6	1.62	423	89	2	2.74	73	16-24
1-24	1441	3	6.74	43	2898	24	16.68	144	1983	18	19.87	91	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	147	3	1.66	181	15	..	.33	..	1523	8	7.86	102	1
2	72	..	1.09	..	10	1	.32	313	887	6	5.99	100	2
3	65	1	1.10	91	7	..	.28	..	734	1	5.45	18	3
4	58	1	1.08	91	7	..	.31	..	637	7	4.98	141	4
5	48	2	.99	202	6	..	.30	..	548	5	4.52	111	5
1-5	390	7	5.92	118	43	1	1.56	64	4349	27	28.80	94	1-5
6-7	66	2	1.52	132	6	..	.31	..	852	9	7.26	124	6-7
8-10	65	4	1.86	215	6	..	.33	..	818	9	8.01	112	8-10
11-15	47	..	1.93	..	5	..	.39	..	655	6	8.40	71	11-15
16-24	7	1	.46	217	..	..	..	..	285	9	5.12	176	16-24
1-24	573	14	11.71	120	63	1	2.39	39	6959	60	57.59	104	1-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Periodic and Relapsant Fever.

TABLE III (Continued)
36-A, B, C, D, J. MALARIAL FEVER: ONE ATTACK AT ANY TIME IN THE PAST
HABITAT: TEXAS, GULF COUNTIES

Ages at Entry			15-19			20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years		
1	43	..	.13	277	1	.94	348	2	1.39	362	2	1.34	1		
2	28	..	.12	169	..	.79	246	3	1.13	225	..	1.08	2		
3	19	..	.09	137	1	.63	208	..	.98	209	2	.98	3		
4	16	..	.07	115	..	.54	149	..	.81	179	..	.85	4		
5	13	..	.06	98	..	.47	144	1	.71	152	..	.75	5		
6	12	..	.06	85	..	.41	122	..	.60	136	..	.72	6		
7	11	..	.05	79	..	.37	109	..	.55	117	1	.63	7		
8	6	..	.03	68	1	.33	93	1	.48	95	1	.53	8		
9	6	..	.03	35	..	.29	83	..	.42	81	2	.46	9		
10	5	..	.02	57	..	.25	80	..	.42	71	..	.42	10		
11	3	..	.01	43	..	.22	66	1	.35	63	2	.38	11		
12	3	..	.00	35	..	.18	56	..	.30	53	1	.34	12		
13	1	..	.00	32	..	.17	51	..	.28	47	..	.33	13		
14	..	..	..	28	..	.15	42	2	.24	43	1	.32	14		
15	..	..	..	24	..	.13	38	1	.21	37	..	.30	15		
16	..	..	..	25	..	.11	26	..	.16	27	..	.23	16		
17	..	..	..	12	..	.07	16	..	.11	22	..	.20	17		
18	..	..	..	10	..	.06	14	..	.10	16	..	.18	18		
19	..	..	..	8	..	.05	10	..	.08	7	..	.07	19		
20	..	..	..	8	..	.02	6	1	.05	4	..	.05	20		
21	..	..	..	2	..	.01	1	..	.01	2	..	.03	21		
22	..	..	..	2	..	.01	1	..	.01	2	..	.03	22		
23	..	..	..	1	..	.01	1	..	.01	..	..	..	23		
24	..	..	..	..	..	..	..	..	..	..	..	..	24		
1-5	119	..	.47	796	2	3.31	1153	6	4.95	1309	6	5.04	1-5		
6-24	46	..	.20	569	1	2.84	819	6	4.38	823	6	5.25	6-24		

Ages at Entry			35-39			40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years		
1	280	..	1.15	192	..	.90	90	1	.58	34	..	.31	1		
2	183	2	.95	130	1	.83	59	2	.52	23	..	.29	2		
3	161	3	.87	109	..	.75	46	..	.44	17	..	.23	3		
4	129	1	.74	93	1	.70	38	2	.40	13	..	.20	4		
5	113	1	.67	83	1	.66	35	..	.40	11	..	.18	5		
6	100	1	.62	70	3	.60	33	2	.40	9	..	.16	6		
7	81	..	.53	58	..	.53	27	1	.36	9	..	.17	7		
8	76	..	.53	54	3	.53	23	1	.33	7	..	.14	8		
9	68	1	.51	46	1	.49	21	2	.32	7	..	.16	9		
10	63	..	.50	42	..	.48	18	1	.30	7	..	.17	10		
11	49	1	.42	34	..	.43	13	..	.24	5	..	.14	11		
12	42	1	.38	27	..	.36	11	1	.22	5	..	.15	12		
13	35	1	.34	21	1	.31	9	1	.19	4	..	.13	13		
14	27	..	.29	15	..	.24	8	..	.19	4	..	.15	14		
15	27	..	.31	12	..	.21	6	..	.15	3	..	.12	15		
16	15	1	.19	8	..	.15	4	..	.11	2	..	.09	16		
17	11	..	.15	4	..	.08	4	..	.12	2	..	.10	17		
18	6	..	.09	4	..	.09	4	..	.14	2	..	.13	18		
19	5	..	.08	3	..	.07	3	..	.11	2	..	.12	19		
20	5	..	.09	3	..	.08	3	..	.13	2	..	.13	20		
21	2	..	.04	1	..	.03	3	..	.14	..	..	..	21		
22	2	..	.04	..	..	..	2	..	.10	..	..	..	22		
23	..	..	..	..	..	..	..	..	..	..	..	..	23		
24	..	..	..	..	..	..	..	..	..	..	..	..	24		
1-5	866	7	4.38	607	3	3.84	268	5	2.34	98	..	1.21	1-5		
6-24	614	6	5.11	402	8	4.68	192	9	3.55	70	..	2.04	6-24		

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)
38—A, B, C, D, J. MALARIAL FEVER: ONE ATTACK AT ANY TIME IN THE PAST
HABITAT: TEXAS, GULF COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	36	..	.37	11	..	.18	1	..	.02	2	..	.06	1	..	.06	1
2	18	..	.28	5	..	.10	1	..	.03	2	..	.09	2	..	.09	2
3	16	1	.29	4	..	.10	..	..	..	2	..	.10	3	..	.10	3
4	13	..	.26	3	..	.08	..	..	..	2	..	.11	4	..	.11	4
5	13	..	.28	3	..	.09	..	..	..	1	..	.07	5	..	.07	5
6	13	..	.31	1	..	.03	..	..	..	1	..	.07	6	..	.07	6
7	13	..	.34	1	..	.04	..	..	..	1	..	.08	7	..	.08	7
8	13	..	.38	1	..	.04	..	..	..	1	..	.08	8	..	.08	8
9	13	..	.42	1	..	.04	..	..	..	1	..	.09	9	..	.09	9
10	11	..	.39	1	..	.05	..	..	..	1	..	.10	10	..	.10	10
11	8	1	.31	1	..	.05	..	..	..	1	..	.11	11	..	.11	11
12	7	1	.30	1	..	.06	..	..	..	1	..	.12	12	..	.12	12
13	6	..	.28	1	..	.06	..	..	..	1	..	.13	13	..	.13	13
14	4	..	.21	1	..	.07	..	..	..	1	..	.14	14	..	.14	14
15	4	..	.23	1	..	.07	..	..	..	1	..	.15	15	..	.15	15
16	3	2	.19	..	..	..	..	..	..	1	1	.16	16	..	.16	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	17	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	18	..	..	18
19	1	1	.08	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	90	1	1.48	26	..	.55	2	..	.05	9	..	.43	1-5	..	..	1-5
6-24	98	8	3.58	10	..	.51	..	..	..	11	1	1.23	6-24	..	..	6-24

SYNOPSIS

Ages at Entry				15-29				30-39				40-49			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	708	3	2.40	125	642	2	2.49	86	282	1	1.48	68	1	..	1
2	443	3	2.01	149	408	2	2.03	99	189	3	1.35	222	2	..	2
3	364	1	1.70	59	361	5	1.85	270	155	..	1.19	..	3	..	3
4	300	..	1.42	..	299	1	1.59	63	131	5	1.10	273	4	..	4
5	255	1	1.24	81	265	3	1.46	203	118	1	1.06	94	5	..	5
1-5	2070	8	8.77	91	1973	13	9.47	138	875	8	6.18	129	1-5	..	1-5
6-7	415	..	2.04	..	434	2	2.50	80	188	6	1.89	317	6-7	..	6-7
8-10	454	2	2.27	88	456	4	2.95	136	204	8	2.45	327	8-10	..	8-10
11-15	418	4	2.24	179	421	7	3.41	203	156	3	2.54	118	11-15	..	11-15
16-24	133	1	.87	115	126	1	1.45	69	46	..	1.35	..	16-24	..	16-24
1-24	3490	15	16.19	93	3412	27	19.73	137	1469	23	14.41	173	1-24	..	1-24

Ages at Entry				50-59				60 and over				All Ages at Entry			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	75	..	.86	..	3	..	.08	..	1710	6	7.31	82	1	..	1
2	46	..	.67	..	3	..	.12	..	1089	8	6.18	129	2	..	2
3	37	1	.62	161	2	..	.10	..	919	7	5.46	128	3	..	3
4	29	..	.54	..	2	..	.11	..	761	4	4.76	84	4	..	4
5	27	..	.55	..	1	..	.07	..	666	5	4.38	114	5	..	5
1-5	214	1	3.24	31	11	..	.48	..	5143	30	28.09	107	1-5	..	1-5
6-7	46	..	1.05	..	2	..	.15	..	1085	8	7.63	103	6-7	..	6-7
8-10	61	..	1.79	..	3	..	.27	..	1178	14	9.73	144	8-10	..	8-10
11-15	55	2	2.33	86	5	..	.65	..	1035	16	11.17	143	11-15	..	11-15
16-24	16	3	.96	313	1	1	.16	625	322	6	4.79	123	16-24	..	16-24
1-24	392	6	9.37	64	22	1	1.71	58	8785	74	61.41	121	1-24	..	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry				15-19			20-24			25-29			30-34			Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	91	..	.28	747	2	2.47	943	1	3.31	830	4	3.07	1	3.07	1	
2	60	1	.26	369	2	1.66	531	2	2.44	487	1	2.34	2	2.34	2	
3	53	..	.24	314	3	1.44	446	1	2.10	407	5	1.99	3	1.99	3	
4	42	..	.19	254	..	1.19	377	4	1.81	346	3	1.73	4	1.73	4	
5	31	..	.14	217	..	1.04	310	1	1.52	299	2	1.53	5	1.53	5	
6	18	1	.08	177	..	.85	264	..	1.29	243	2	1.29	6	1.29	6	
7	15	..	.07	151	..	.74	234	..	1.17	209	1	1.13	7	1.13	7	
8	12	..	.06	129	1	.63	206	..	1.03	190	2	1.08	8	1.08	8	
9	9	..	.04	103	2	.50	179	..	.91	169	2	.96	9	.96	9	
10	7	..	.03	82	..	.40	158	1	.82	150	1	.89	10	.89	10	
11	5	..	.02	72	1	.36	133	4	.70	129	..	.80	11	.80	11	
12	4	..	.02	67	..	.34	125	..	.68	120	1	.79	12	.79	12	
13	3	..	.01	57	..	.29	112	1	.62	112	1	.78	13	.78	13	
14	2	..	.01	49	1	.25	102	..	.58	103	..	.79	14	.79	14	
15	1	1	.00	38	..	.20	88	..	.52	95	1	.76	15	.76	15	
16	..	..	..	25	..	.14	62	3	.38	76	..	.65	16	.65	16	
17	..	..	..	14	..	.08	40	1	.26	66	..	.60	17	.60	17	
18	..	..	..	7	..	.04	30	1	.21	56	..	.53	18	.53	18	
19	..	..	..	7	..	.04	25	..	.19	43	1	.46	19	.46	19	
20	..	..	..	5	..	.03	20	1	.16	32	1	.37	20	.37	20	
21	..	..	..	1	..	.01	14	..	.12	17	..	.21	21	.21	21	
22	..	..	..	1	..	.01	6	..	.05	13	..	.18	22	.18	22	
23	..	..	..	..	..	..	3	..	.03	7	1	.10	23	.10	23	
24	..	..	..	..	..	..	..	..	..	1	..	.02	24	..	24	
1-5	277	1	1.11	1901	7	7.80	2609	9	11.18	2369	15	10.68	1-5	10.68	1-5	
6-24	76	2	.34	985	3	4.91	1801	12	9.72	1833	14	12.38	6-24	12.38	6-24	

Ages at Entry				35-39			40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	570	1	2.34	333	2	1.37	199	..	1.27	71	1	.65	1			1
2	342	5	1.78	194	1	1.24	116	..	1.02	36	..	.45	2			2
3	289	..	1.56	166	1	1.15	90	..	.86	29	1	.40	3			3
4	255	..	1.45	141	2	1.06	73	..	.76	23	..	.35	4			4
5	217	4	1.28	119	2	.95	54	..	.61	20	..	.33	5			5
6	180	1	1.12	99	1	.84	44	..	.54	18	..	.32	6			6
7	156	..	1.03	87	2	.79	40	..	.53	16	..	.30	7			7
8	139	2	.97	74	..	.73	36	..	.51	12	..	.25	8			8
9	122	1	.92	64	..	.68	34	..	.52	11	..	.23	9			9
10	112	..	.90	52	..	.60	32	2	.53	10	..	.23	10			10
11	90	1	.77	43	3	.54	23	..	.42	7	..	.19	11			11
12	85	1	.77	37	..	.50	27	1	.43	6	..	.18	12			12
13	77	..	.75	33	..	.48	19	..	.41	5	..	.17	13			13
14	75	1	.69	28	..	.44	17	1	.40	5	..	.18	14			14
15	67	..	.77	27	..	.46	15	..	.39	5	1	.20	15			15
16	51	2	.64	21	..	.39	13	..	.37	4	1	.18	16			16
17	46	1	.54	19	..	.38	11	..	.34	3	..	.13	17			17
18	34	..	.50	14	1	.31	9	1	.31	3	..	.16	18			18
19	26	..	.41	9	..	.27	7	..	.27	3	..	.17	19			19
20	17	..	.29	8	..	.21	5	..	.21	3	1	.19	20			20
21	8	..	.15	4	1	.12	2	..	.09	2	..	.14	21			21
22	7	..	.14	2	..	.06	1	..	.05	..	..	..	22			22
23	2	..	.04	..	..	..	1	..	.06	..	..	..	23			23
24	1	..	.02	..	..	..	..	..	..	..	..	..	24			24
1-5	1673	10	8.41	953	8	5.97	532	..	4.52	179	2	2.18	1-5			
6-24	1289	10	11.53	621	8	7.75	331	5	6.38	113	3	3.28	6-24			

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38-A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry				55-59				60-64				65 and over			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths
1	38	..	.46	22	1	.35	10	..	.21	7	..	.20	1	..	.20
2	22	..	.35	16	..	.33	8	..	.22	6	..	.30	2	..	.30
3	18	..	.33	13	..	.31	8	1	.26	6	..	.30	3	..	.30
4	17	..	.34	12	1	.32	4	..	.14	5	1	.28	4	..	.28
5	14	..	.31	9	..	.26	4	..	.16	4	..	.25	5	..	.25
6	13	..	.31	8	1	.26	4	..	.17	3	..	.22	6	..	.22
7	11	..	.29	5	..	.18	4	..	.19	2	..	.18	7	..	.18
8	10	..	.29	4	..	.16	4	1	.21	1	..	.08	8	..	.08
9	10	..	.32	3	..	.13	3	..	.17	..	..	..	9	..	..
10	9	..	.32	3	..	.14	2	1	.12	..	..	..	10	..	..
11	7	1	.27	3	..	.15	..	..	..	..	..	..	11	..	..
12	6	..	.26	3	..	.17	..	..	..	..	..	..	12	..	..
13	5	..	.24	3	..	.19	..	..	..	..	..	..	13	..	..
14	2	1	.10	3	..	.20	..	..	..	..	..	..	14	..	..
15	1	..	.06	2	..	.14	..	..	..	..	..	..	15	..	..
16	1	..	.06	1	..	.08	..	..	..	..	..	..	16	..	..
17	1	..	.07	1	..	.08	..	..	..	..	..	..	17	..	..
18	1	..	.07	1	..	.09	..	..	..	..	..	..	18	..	..
19	1	..	.08	..	..	..	..	..	..	..	..	..	19	..	..
20	1	..	.08	..	..	..	..	..	..	..	..	..	20	..	..
21	1	..	.09	..	..	..	..	..	..	..	..	..	21	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..
1-5	109	..	1.79	72	2	1.57	34	1	.99	28	1	1.28	1-5	..	..
6-24	80	2	2.91	40	1	1.97	17	2	.86	6	..	.48	6-24	..	..

SYNOPSIS

Ages at Entry				35-39				40-49			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	1783	3	6.06	50	1400	5	5.41	92	532	2	2.84
2	960	5	4.36	115	829	6	4.12	146	310	1	2.26
3	813	4	3.78	106	696	5	3.55	141	256	1	2.01
4	673	4	3.19	125	601	3	3.18	94	214	2	1.82
5	558	1	2.70	57	516	6	2.83	212	173	2	1.56
1-5	4787	17	20.09	85	4042	25	19.09	131	1485	8	10.49
6-7	859	1	4.20	24	788	4	4.57	88	270	3	2.70
8-10	885	4	4.42	90	882	8	5.69	141	292	2	3.57
11-15	858	8	4.60	174	955	6	2.78	77	264	5	4.47
16-24	260	6	1.75	343	497	6	5.87	102	126	3	3.39
1-24	7649	36	35.06	103	7164	49	43.00	114	2437	21	24.62

Ages at Entry				50-59				60 and over				All Ages at Entry			
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	131	2	1.46	137	17	..	.41	..	3863	12	16.18	74	1	..	..
2	74	..	1.13	..	14	..	.47	..	2187	12	12.34	97	2	..	..
3	60	1	1.04	96	14	1	.56	179	1839	12	10.94	110	3	..	..
4	52	1	1.01	99	9	1	.42	238	1549	11	9.62	114	4	..	..
5	43	..	.90	..	8	..	.41	..	1298	9	8.40	107	5	..	..
1-5	360	4	5.54	72	62	2	2.27	88	10736	56	57.48	97	1-5	..	..
6-7	71	1	1.66	60	13	..	.76	..	2001	9	13.89	65	6-7	..	..
8-10	72	..	2.11	..	10	2	.58	345	2141	16	16.37	98	8-10	..	..
11-15	63	3	2.70	111	..	..	..	..	2140	22	19.55	113	11-15	..	..
16-24	27	2	1.69	118	..	..	..	..	910	17	12.70	134	16-24	..	..
1-24	593	16	13.70	73	85	4	3.61	111	17928	120	119.99	100	1-24	..	..

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—B, C, D. MALARIAL FEVER: ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION
HABITAT: TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry 15-19				20-24				25-29				30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Immune Years
1	106	2	.33	1038	3	3.43	1649	7	5.77	1824	4	6.75	1		1
2	60	..	.26	548	1	2.47	853	3	3.92	1051	7	5.04	2		2
3	50	..	.23	451	..	2.07	710	6	3.34	861	5	4.22	3		3
4	41	..	.19	378	3	1.78	605	2	2.90	713	5	3.37	4		4
5	31	..	.14	350	1	1.58	521	3	2.55	592	7	3.08	5		5
6	22	..	.10	282	1	1.35	442	1	2.17	508	5	2.69	6		6
7	16	..	.08	239	2	1.17	379	2	1.90	433	2	2.34	7		7
8	12	..	.06	209	1	1.02	341	2	1.71	383	3	2.11	8		8
9	7	..	.05	185	..	.91	308	1	1.57	346	3	1.97	9		9
10	7	..	.03	170	1	.83	273	1	1.42	319	2	1.88	10		10
11	6	..	.03	148	1	.74	222	..	1.18	287	..	1.78	11		11
12	6	..	.03	136	1	.68	199	..	1.07	270	..	1.78	12		12
13	5	..	.02	123	3	.63	170	..	.94	245	3	1.72	13		13
14	5	..	.02	103	..	.54	152	1	.87	221	1	1.64	14		14
15	4	..	.02	82	..	.43	129	3	.76	196	1	1.57	15		15
16	..	..	..	52	..	.28	99	..	.61	146	2	1.24	16		16
17	..	..	..	32	..	.18	67	1	.44	107	..	.97	17		17
18	..	..	..	22	..	.12	46	..	.32	62	1	.61	18		18
19	..	..	..	17	..	.10	34	..	.26	34	..	.36	19		19
20	..	..	..	15	..	.09	24	..	.19	20	..	.23	20		20
21	..	..	..	7	..	.04	10	..	.09	10	..	.13	21		21
22	..	..	..	2	..	.01	6	..	.05	5	1	.07	22		22
23	..	..	..	2	..	.01	4	..	.04	1	..	.01	23		23
24	..	..	..	..	..	..	..	..	..	..	..	..	24		24
1-5	288	2	1.15	2748	8	11.33	4338	21	18.48	5041	28	22.66	1-5		1-5
6-24	93	..	.44	1826	10	9.13	2905	12	15.59	3593	24	23.12	6-24		6-24

Ages at Entry 35-39				40-44				45-49				50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Immune Years
1	1599	9	6.56	1127	8	5.30	667	6	4.27	269	1	2.45	1		1
2	897	7	4.66	647	2	4.14	357	3	3.14	136	3	1.74	2		2
3	742	1	4.01	539	7	3.72	293	3	2.78	115	..	1.59	3		3
4	623	4	3.55	435	4	3.26	219	4	2.28	97	1	1.46	4		4
5	541	1	3.19	377	..	3.02	177	2	2.00	78	..	1.27	5		5
6	470	2	2.91	329	1	2.80	151	2	1.84	67	2	1.17	6		6
7	407	7	2.69	284	6	2.58	128	3	1.69	59	..	1.12	7		7
8	363	3	2.54	254	3	2.49	106	3	1.52	49	3	1.01	8		8
9	337	3	2.53	278	1	2.42	93	..	1.43	42	..	.95	9		9
10	308	1	2.46	210	2	2.42	87	2	1.45	36	..	.89	10		10
11	267	5	2.27	175	5	2.19	70	1	1.27	29	..	.79	11		11
12	241	4	2.19	159	..	2.15	62	2	1.22	25	..	.75	12		12
13	206	6	2.02	144	2	2.10	48	1	1.03	22	1	.73	13		13
14	173	4	1.86	125	1	1.98	42	1	.98	15	..	.55	14		14
15	149	..	1.71	107	..	1.83	39	2	1.00	12	..	.48	15		15
16	102	..	1.28	69	1	1.28	27	..	.76	8	..	.35	16		16
17	71	1	.96	48	..	.96	21	..	.66	5	..	.24	17		17
18	38	..	.55	31	1	.68	17	..	.58	5	..	.27	18		18
19	24	..	.38	23	1	.55	14	..	.53	5	..	.29	19		19
20	15	..	.26	13	..	.34	11	1	.46	4	..	.25	20		20
21	7	..	.13	9	..	.26	5	..	.23	1	..	.07	21		21
22	3	..	.06	5	..	.16	3	..	.15	1	..	..	22		22
23	3	1	.07	4	1	.14	..	..	..	..	..	..	23		23
24	..	..	..	..	..	..	..	..	..	..	..	..	24		24
1-5	4402	22	21.97	3125	21	19.44	1713	18	14.47	695	5	8.47	1-5		1-5
6-24	3186	37	26.87	2217	23	27.33	924	18	16.80	385	6	9.98	6-24		6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsing Fever.

TABLE III (Continued)

38—B, C, D. MALARIAL FEVER: ONE ATTACK MORE THAN TWO YEARS PRIOR TO APPLICATION
HABITAT: TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry		54-56			57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	127	1	1.55	66	..	1.06	15	1	..	..31	14	..	..39	1
2	65	3	1.03	41	1	..84	8	..	..27	11	..	..47	2	2
3	57	1	1.04	36	..	..86	7	..	..27	10	..	..50	3	3
4	48	1	..96	34	1	..90	5	..	..18	6	..	..33	4	4
5	40	3	..88	29	1	..84	4	..	..16	6	..	..36	5	5
6	27	..	..65	22	..	..71	4	..	..17	6	..	..39	6	6
7	23	..	..61	19	2	..67	4	..	..19	5	..	..35	7	7
8	20	..	..58	15	..	..59	4	1	..	21	4	..	..30	8
9	18	..	..58	15	..	..64	3	..	..17	4	1	..	..33	9
10	12	1	..42	14	..	..64	3	..	..19	2	..	..20	10	10
11	10	1	..39	12	..	..67	3	..	..20	..	..	..	..	11
12	8	..	..34	9	..	..51	3	..	..22	..	..	..	..	12
13	8	2	..38	7	2	..43	3	..	..23	..	..	..	..	13
14	6	..	..31	5	..	..33	3	..	..25	..	..	..	..	14
15	4	1	..23	5	..	..36	2	..	..18	..	..	..	..	15
16	2	1	..12	2	..	..16	1	..	..10	..	..	..	..	16
17	1	..	..07	2	1	..17	1	..	..11	..	..	..	..	17
18	1	..	..07	1	..	..09	1	..	..12	..	..	..	..	18
19	1	..	..08	1	..	..10	1	..	..13	..	..	..	..	19
20	1	..	..08	1	..	..11	1	..	..14	..	..	..	..	20
21	..	..	..	1	..	..12	1	..	..15	..	..	..	..	21
22	..	..	..	1	..	..13	1	..	..16	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	337	9	5.46	206	3	4.50	39	1	1.09	47	..	2.05	1-5	1-5
6-24	142	6	4.91	132	5	6.40	39	1	2.92	21	1	1.37	6-24	6-24

SYNOPSIS

Ages at Entry		15-29				30-39				40-49				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	2793	12	9.53	126	3423	13	13.31	98	1794	14	9.57	146	1	1
2	1461	4	6.65	60	1948	14	9.70	144	1004	5	7.28	69	2	2
3	1211	6	5.64	104	1603	6	8.23	73	832	10	6.50	154	3	3
4	1024	5	4.87	103	1336	9	7.12	126	654	8	5.54	144	4	4
5	882	4	4.27	94	1133	8	6.27	128	554	2	5.02	40	5	5
1-5	7371	31	30.96	100	9443	50	44.63	112	4838	39	33.91	113	1-5	1-5
6-7	1380	6	6.77	89	1818	16	10.63	151	892	12	8.91	135	6-7	6-7
8-10	1515	6	7.60	79	2056	13	13.49	111	978	11	11.73	94	8-10	8-10
11-15	1490	9	7.96	113	2257	24	18.36	129	971	13	15.73	83	11-15	11-15
16-24	439	1	2.83	35	648	6	7.31	82	300	3	7.74	65	16-24	16-24
1-24	12195	53	56.12	94	16222	111	94.62	117	7979	80	78.04	103	1-24	1-24

Ages at Entry		50-59				60 and over				All Ages at Entry				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	462	2	5.06	40	29	1	..70	143	8501	42	38.17	180	1	1
2	242	7	3.57	196	19	..	..69	..	4674	30	27.89	108	2	2
3	208	1	3.49	29	17	..	..72	..	3871	23	24.38	94	3	3
4	179	3	3.32	90	11	..	..51	..	3294	25	21.36	117	4	4
5	147	4	2.99	134	10	..	..52	..	2726	18	19.07	94	5	5
1-5	1238	17	18.43	92	86	1	3.14	32	22976	138	131.07	103	1-5	1-5
6-7	217	4	4.93	81	19	..	..110	..	4326	38	32.34	118	6-7	6-7
8-10	271	4	6.32	63	20	2	1.40	143	4790	38	40.54	94	8-10	8-10
11-15	177	7	7.20	97	14	..	..108	..	4909	53	50.53	103	11-15	11-15
16-24	44	2	2.84	70	7	..	..91	..	1438	14	21.63	65	16-24	16-24
1-24	1897	34	39.72	86	146	3	7.63	39	38439	281	276.13	102	1-24	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsing Fever.

TABLE III (Continued)
38—J. MALARIAL FEVER: ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	19	..	.06	155	1	.51	266	..	.93	314	2	1.16	1
2	13	..	.06	83	..	.37	151	2	.69	186	1	.89	2
3	10	..	.05	74	1	.34	131	3	.62	152	2	.74	3
4	8	..	.04	64	..	.30	113	..	.54	123	2	.62	4
5	5	..	.02	54	1	.26	101	2	.49	111	1	.58	5
6	5	..	.02	50	..	.24	86	..	.42	98	..	.52	6
7	4	..	.02	46	1	.23	76	1	.38	92	1	.50	7
8	4	..	.02	43	..	.21	74	1	.37	86	1	.47	8
9	4	..	.02	42	..	.21	68	..	.35	82	1	.47	9
10	4	..	.02	41	1	.20	64	1	.33	79	1	.47	10
11	4	..	.02	34	..	.17	62	..	.33	76	..	.47	11
12	4	..	.02	31	1	.16	57	..	.31	74	..	.49	12
13	3	..	.01	27	..	.14	54	2	.30	71	2	.50	13
14	2	..	.01	23	..	.12	46	..	.26	69	1	.52	14
15	2	..	.01	19	..	.10	42	..	.25	55	..	.44	15
16	1	..	.01	15	..	.08	28	..	.17	44	..	.37	16
17	..	..	..	11	..	.06	24	..	.16	34	..	.31	17
18	..	..	..	10	..	.06	17	..	.12	27	..	.26	18
19	..	..	..	6	1	.03	8	..	.06	13	..	.14	19
20	..	..	..	2	..	.01	4	..	.03	9	..	.10	20
21	..	..	..	1	..	.01	2	..	.02	7	..	.09	21
22	..	..	..	1	..	.01	1	..	.01	6	..	.08	22
23	..	..	..	1	..	.01	1	..	.01	1	..	.01	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	55	..	.23	430	3	1.78	762	7	3.27	886	8	3.99	1-5
6-24	37	..	.18	403	4	2.05	714	5	3.88	923	7	6.21	6-24

Ages at Entry				40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	297	3	1.22	209	..	.98	102	..	.65	38	..	.39	1
2	158	4	.82	123	..	.79	64	1	.56	22	..	.28	2
3	127	1	.69	99	..	.68	52	..	.49	20	..	.28	3
4	104	..	.59	79	1	.59	43	1	.45	19	..	.29	4
5	96	..	.57	69	..	.55	33	..	.37	17	..	.24	5
6	88	..	.55	61	..	.52	30	..	.37	15	..	.26	6
7	78	1	.51	56	..	.51	27	1	.36	11	..	.21	7
8	72	3	.50	53	..	.52	24	..	.34	11	..	.23	8
9	69	1	.52	53	..	.56	22	1	.34	11	1	.25	9
10	66	1	.53	50	..	.58	21	..	.35	10	..	.23	10
11	56	..	.48	47	..	.59	19	..	.34	8	1	.22	11
12	56	..	.51	46	1	.62	17	..	.33	7	1	.21	12
13	53	1	.52	41	..	.60	13	..	.28	5	..	.17	13
14	48	..	.51	38	..	.60	12	..	.28	4	..	.15	14
15	42	..	.48	34	..	.58	12	..	.31	4	..	.16	15
16	34	1	.43	24	..	.44	7	..	.20	3	..	.13	16
17	23	..	.34	19	..	.38	5	..	.16	2	..	.10	17
18	19	..	.28	10	1	.22	4	1	.14	1	..	.05	18
19	9	..	.14	5	..	.12	3	..	.11	..	..	..	19
20	6	..	.10	3	..	.08	1	..	.04	..	..	..	20
21	3	..	.06	1	..	.03	1	..	.05	..	..	..	21
22	2	..	.04	1	..	.03	..	..	..	..	..	..	22
23	2	..	.04	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	782	8	3.89	579	1	3.59	294	2	2.52	116	..	1.48	1-5
6-24	728	8	6.54	542	2	6.98	218	3	4.00	92	3	2.39	6-24

*Including ordinary Chills and Fever, Fever and Ague and In-
 termittent Fever, but excluding Pernicious and Resistent Fever.

TABLE III (Continued)
38—J. MALARIAL FEVER: ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: TEXAS, OTHER THAN GULF COUNTIES

Ages at Entry				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	21	..	.26	9	..	.14	8	1	.16	3	..	.08	1
2	14	..	.22	5	..	.10	4	..	.11	2	..	.09	2
3	13	..	.24	4	..	.10	3	..	.10	2	..	.10	3
4	12	..	.24	2	..	.05	3	..	.11	2	..	.11	4
5	10	1	.22	2	..	.06	3	..	.12	2	..	.12	5
6	8	..	.19	1	..	.03	3	..	.13	2	..	.13	6
7	8	..	.21	..	..	..	3	..	.14	2	..	.14	7
8	8	..	.23	..	..	..	2	..	.10	1	..	.08	8
9	8	..	.26	..	..	..	2	..	.11	1	..	.09	9
10	7	..	.25	..	..	..	2	..	.12	1	..	.10	10
11	5	..	.20	..	..	..	..	..	..	1	..	.11	11
12	5	..	.21	..	..	..	..	..	..	1	1	.12	12
13	5	..	.24	..	..	..	..	..	..	..	..	..	13
14	5	..	.26	..	..	..	..	..	..	..	..	..	14
15	4	..	.23	..	..	..	..	..	..	..	..	..	15
16	4	..	.25	..	..	..	..	..	..	..	..	..	16
17	3	..	.20	..	..	..	..	..	..	..	..	..	17
18	3	..	.22	..	..	..	..	..	..	..	..	..	18
19	2	..	.16	..	..	..	..	..	..	..	..	..	19
20	2	..	.17	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	70	1	1.18	22	..	.43	21	1	.60	11	..	.50	1-5
6-24	77	..	3.28	1	..	.03	12	..	.60	9	1	.77	6-24

SYNOPSIS

Ages at Entry					38-39					40-49				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	
1	440	1	1.50	.67	611	5	2.38	210	311	..	1.63	..	1	
2	247	2	1.12	.79	344	5	1.71	292	187	1	1.35	74	2	
3	215	4	1.01	.96	279	3	1.43	210	151	..	1.17	..	3	
4	185	..	.88	..	227	2	1.21	165	122	2	1.04	192	4	
5	160	3	.77	.90	207	1	1.15	87	102	..	.92	..	5	
1-5	1247	10	5.28	189	1668	16	7.88	203	873	3	6.11	49	1-5	
6-7	267	2	1.31	153	356	2	2.08	96	174	1	1.76	57	6-7	
8-10	344	3	1.73	173	454	8	2.96	270	223	1	2.69	37	8-10	
11-15	410	3	2.21	186	600	4	4.92	81	229	1	4.53	72	11-15	
16-24	133	1	.86	116	241	1	2.79	36	84	2	2.60	100	16-24	
1-24	2401	19	11.39	167	3319	31	20.63	150	1633	8	17.09	47	1-24	

Ages at Entry					60 and over				All Ages at Entry				
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years
1	68	..	.75	..	11	1	.24	.47	1441	7	6.50	108	1
2	41	..	.60	..	6	..	.20	..	825	8	4.98	161	2
3	37	..	.62	..	5	..	.20	..	687	7	4.43	158	3
4	33	..	.58	..	5	..	.22	..	572	4	3.93	107	4
5	29	1	.56	.79	5	..	.24	..	503	5	3.64	137	5
1-5	208	1	3.11	32	32	1	1.10	91	4028	31	23.48	132	1-5
6-7	43	..	.90	..	10	..	.54	..	850	5	6.59	76	6-7
8-10	55	1	1.47	.68	9	..	.60	..	1085	13	9.45	130	8-10
11-15	52	2	2.05	.98	2	1	.23	.435	1343	11	13.94	79	11-15
16-24	20	..	1.28	..	..	..	..	..	478	4	6.93	58	16-24
1-24	378	4	8.81	45	53	2	2.47	81	7784	64	60.39	106	1-24

Including ordinary Chills and Fever, Fever and Ague and In-
 fectional Fever, but including Pernicious and Juvenal Fever.

TABLE III (Continued)

38—E, F, G, H. MALARIAL FEVER,* TWO OR MORE ATTACKS AT ANY TIME IN THE PAST
HABITAT: GULF, DELTA AND SEACOAST COUNTIES OF ALABAMA, ARKANSAS, FLORIDA, GEORGIA,
MISSISSIPPI AND TEXAS, AND ALL COUNTIES OF LOUISIANA

Ages at Entry 15-19				20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	51	..	.16	235	3	.78	359	1	1.26	559	4	1.33	1
2	40	1	.17	145	2	.65	227	..	1.04	267	4	1.28	2
3	35	1	.16	136	..	.60	193	1	.91	225	2	1.10	3
4	27	..	.12	109	2	.51	167	3	.80	199	..	1.00	4
5	21	..	.10	90	2	.43	142	2	.70	169	4	.88	5
6	17	..	.08	74	1	.36	121	2	.59	143	2	.76	6
7	13	..	.06	68	..	.33	116	..	.55	124	..	.67	7
8	8	..	.04	56	2	.27	99	..	.50	113	..	.62	8
9	5	..	.02	49	..	.24	80	..	.41	90	..	.51	9
10	4	..	.02	40	..	.20	68	1	.35	79	..	.47	10
11	3	..	.01	36	..	.18	51	..	.27	60	..	.37	11
12	2	..	.01	28	..	.14	40	..	.22	51	..	.34	12
13	1	..	.00	22	1	.11	31	..	.17	43	..	.30	13
14	1	..	.00	15	..	.08	23	..	.13	37	1	.28	14
15	..	..	..	14	..	.07	15	..	.09	28	..	.22	15
16	..	..	..	8	..	.04	11	..	.07	26	..	.22	16
17	..	..	..	5	..	.03	9	..	.06	22	..	.20	17
18	..	..	..	4	..	.02	5	..	.04	16	..	.16	18
19	..	..	..	3	..	.02	3	..	.02	12	1	.13	19
20	..	..	..	2	..	.01	3	..	.02	8	..	.09	20
21	..	..	..	1	..	.01	2	..	.02	6	..	.08	21
22	..	..	..	..	..	..	1	..	.01	5	..	.07	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	174	2	.71	709	9	2.97	1088	7	4.71	1219	14	5.59	1-5
6-24	54	..	.24	425	4	2.11	672	3	3.52	863	4	5.49	6-24

Ages at Entry 35-39				40-44			45-49			50-55			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	255	1	1.05	170	1	.80	106	1	.68	43	..	.39	1
2	174	2	.90	125	4	.80	73	2	.64	30	..	.38	2
3	161	3	.87	108	2	.75	58	1	.55	26	..	.36	3
4	132	..	.75	98	..	.74	51	..	.53	23	1	.33	4
5	117	1	.69	85	1	.68	47	1	.53	21	..	.34	5
6	102	2	.63	78	2	.66	41	..	.50	16	..	.28	6
7	85	..	.56	69	..	.63	37	..	.49	14	1	.27	7
8	70	1	.49	61	2	.60	35	..	.47	12	2	.25	8
9	63	..	.47	49	1	.52	30	1	.46	9	..	.20	9
10	58	..	.46	45	..	.49	27	..	.45	8	2	.20	10
11	46	..	.39	28	..	.35	22	1	.40	4	..	.11	11
12	39	..	.35	24	..	.32	19	2	.37	4	..	.12	12
13	29	..	.28	21	..	.31	14	..	.30	3	..	.10	13
14	21	3	.22	18	..	.28	12	..	.28	3	..	.11	14
15	14	..	.16	16	..	.27	11	..	.28	3	1	.17	15
16	8	..	.10	12	..	.22	10	..	.28	1	..	.04	16
17	6	..	.08	8	..	.16	10	..	.31	..	..	..	17
18	5	..	.07	6	..	.13	10	..	.34	..	..	..	18
19	4	..	.06	4	..	.10	9	1	.34	..	..	..	19
20	3	..	.05	4	..	.11	3	..	.13	..	..	..	20
21	1	..	.02	..	..	..	1	..	.05	..	..	..	21
22	1	..	.02	..	..	..	1	..	.05	..	..	..	22
23	1	..	.02	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	839	7	4.26	586	8	3.77	335	5	2.93	143	1	1.82	1-5
6-24	556	6	4.43	441	5	5.15	290	5	5.50	77	6	1.80	6-24

*Including ordinary Chills and Fever, Fever and Ague and In-
termittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)

35—E. F. G. H. MALARIAL FEVER: * TWO OR MORE ATTACKS AT ANY TIME IN THE PAST HABITAT: GULF, DELTA AND SEACOAST COUNTIES OF ALABAMA, ARKANSAS, FLORIDA, GEORGIA, MISSISSIPPI AND TEXAS, AND ALL COUNTIES OF LOUISIANA

Ages at Entry				55-59			60-63			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	29	..	.35	9	..	.14	7	1	.14	4	..	.11	1
2	21	1	.33	7	..	.14	5	..	.14	3	..	.12	2
3	16	..	.29	7	..	.17	4	..	.13	3	..	.15	3
4	16	..	.32	5	..	.13	3	..	.11	3	..	.15	4
5	14	..	.31	5	..	.15	3	..	.12	3	..	.17	5
6	11	..	.26	4	1	.13	3	..	.15	2	1	.13	6
7	9	..	.24	1	..	.04	3	..	.14	1	..	.06	7
8	9	1	.26	1	..	.04	3	..	.15	1	..	.07	8
9	8	..	.26	1	..	.04	1	..	.06	1	..	.07	9
10	8	..	.28	..	..	..	1	..	.06	1	..	.08	10
11	3	..	.12	..	..	..	1	..	.07	1	1	.08	11
12	2	..	.09	..	..	..	1	..	.07	..	..	..	12
13	1	..	.05	..	..	..	1	..	.08	..	..	..	13
14	1	..	.05	..	..	..	1	..	.08	..	..	..	14
15	1	..	.06	..	..	..	1	..	.09	..	..	..	15
16	1	..	.06	..	..	..	1	..	.10	..	..	..	16
17	1	..	.07	..	..	..	1	..	.11	..	..	..	17
18	1	..	.07	..	..	..	1	..	.12	..	..	..	18
19	..	..	..	..	..	..	1	1	.13	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	96	1	1.60	33	..	.73	22	1	.64	16	..	.70	1-5
6-24	56	1	1.87	7	1	.25	20	1	1.39	7	2	.49	6-24

SYNOPSIS

Ages at Entry					35-39				40-49				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	643	4	2.20	182	614	5	2.38	210	276	2	1.48	133	1
2	412	3	1.86	161	441	6	2.18	273	198	6	1.44	417	2
3	338	2	1.67	120	386	5	1.97	254	166	3	1.30	231	3
4	303	5	1.43	350	331	..	1.75	..	149	..	1.27	..	4
5	253	4	1.23	323	286	5	1.57	318	132	2	1.21	163	5
1-5	1971	18	8.39	215	2058	21	9.83	213	921	13	6.70	194	1-5
6-7	403	3	1.97	152	454	4	2.67	153	225	2	2.28	88	6-7
8-10	409	3	2.05	146	473	1	3.02	33	243	4	2.99	184	8-10
11-15	282	1	1.48	68	268	4	2.91	137	183	3	3.16	95	11-15
16-24	57	..	.37	..	124	1	1.37	73	78	1	2.27	43	16-24
1-24	3122	25	14.26	173	3477	31	19.77	137	1652	23	17.35	133	1-24

1-24	3122	25	14.26	175	3477	31	19.77	137	1652	23	17.33	133	1-24
Ages at Entry					59-59				All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	81	..	.88	..	11	1	.25	400	1627	12	7.19	167	1
2	58	1	.85	118	8	..	.26	..	1117	16	6.39	243	2
3	49	..	.82	..	7	..	.28	..	966	10	6.04	166	3
4	44	1	.80	125	6	..	.26	..	833	6	5.51	109	4
5	40	..	.80	..	6	..	.29	..	717	11	5.10	216	5
1-5	272	2	4.15	48	38	1	1.34	75	3260	33	30.43	181	1-5
6-7	55	2	1.22	164	9	1	.46	217	1146	12	8.35	140	6-7
8-10	56	5	1.53	327	8	..	.49	..	1189	13	10.08	129	8-10
11-15	25	1	.93	108	6	1	.47	213	866	10	8.93	112	11-15
16-24	4	..	.24	..	4	1	.46	217	267	3	4.66	64	16-24
1-24	412	10	8.07	124	65	4	3.22	124	8728	93	62.63	148	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)

38—E. F. G. H. MALARIAL FEVER: TWO OR MORE ATTACKS AT ANY TIME IN THE PAST
HABITAT: ALABAMA, ARKANSAS, FLORIDA, GEORGIA, MISSISSIPPI AND TEXAS,
OTHER THAN GULF, DELTA AND COAST COUNTIES

Ages at Entry 15-19				20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	63	..	.20	482	5	1.59	702	5	2.46	692	4	2.56	1
2	36	..	.15	280	1	1.26	426	1	1.96	448	3	2.14	2
3	33	1	.15	234	..	1.08	363	5	1.71	393	1	1.93	3
4	28	1	.13	193	1	.91	318	2	1.53	339	2	1.70	4
5	23	..	.11	155	..	.74	269	..	1.32	294	1	1.53	5
6	14	1	.07	126	..	.60	232	1	1.14	247	2	1.31	6
7	9	..	.04	104	..	.51	203	2	1.02	209	2	1.13	7
8	6	..	.03	86	2	.42	173	2	.87	182	..	1.00	8
9	5	..	.02	69	..	.34	141	1	.72	153	..	.87	9
10	4	..	.02	55	..	.27	120	2	.62	136	2	.80	10
11	4	..	.02	45	..	.23	94	..	.50	105	1	.65	11
12	3	..	.01	31	..	.16	75	2	.41	91	1	.60	12
13	3	..	.01	24	..	.12	55	2	.30	71	..	.50	13
14	3	..	.01	14	..	.07	40	..	.23	64	1	.48	14
15	2	..	.01	11	..	.06	33	..	.19	47	..	.38	15
16	..	..	..	9	..	.05	26	..	.16	33	..	.28	16
17	..	..	..	6	..	.03	16	..	.11	25	..	.23	17
18	..	..	..	2	..	.01	12	..	.08	19	..	.19	18
19	..	..	..	1	..	.01	10	..	.08	15	..	.16	19
20	..	..	..	1	..	.01	8	..	.06	12	..	.14	20
21	..	..	..	1	..	.01	3	..	.03	4	..	.05	21
22	..	..	..	..	..	..	2	..	.02	4	..	.05	22
23	..	..	..	..	..	..	1	..	.01	3	..	.04	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	183	2	.74	1344	7	5.58	2078	13	8.98	2163	11	9.86	1-5
6-24	53	1	.24	585	2	2.90	1244	12	6.55	1420	9	8.66	6-24

Ages at Entry 35-39				40-44			45-49			50-53			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	474	3	1.94	356	1	1.67	223	1	1.43	86	1	.78	1
2	280	3	1.46	234	1	1.50	127	..	1.12	54	..	.68	2
3	249	2	1.34	204	4	1.41	110	3	1.05	48	2	.60	3
4	208	1	1.19	181	3	1.36	90	2	.94	40	..	.60	4
5	174	..	1.03	149	4	1.19	69	1	.78	31	1	.51	5
6	143	2	.89	122	2	1.04	55	1	.67	24	1	.42	6
7	124	..	.82	102	..	.93	41	1	.54	20	..	.38	7
8	104	..	.73	89	1	.87	39	..	.56	16	..	.33	8
9	87	1	.65	69	..	.73	35	1	.54	14	..	.32	9
10	74	1	.59	53	1	.61	32	..	.53	11	..	.27	10
11	63	1	.54	42	..	.53	18	1	.33	8	..	.22	11
12	50	1	.46	36	..	.49	13	1	.25	6	..	.18	12
13	36	1	.35	29	2	.42	11	..	.24	5	..	.17	13
14	27	..	.29	26	..	.41	8	..	.19	4	..	.15	14
15	20	..	.23	23	1	.39	8	..	.21	4	..	.16	15
16	13	..	.16	18	1	.33	3	..	.08	2	..	.09	16
17	8	..	.11	12	..	.24	1	..	.03	2	1	.10	17
18	7	..	.10	11	..	.24	1	..	.03	1	..	.05	18
19	6	..	.09	7	..	.17	..	..	..	1	..	.06	19
20	6	..	.10	5	1	.13	..	..	..	..	..	..	20
21	2	..	.04	4	..	.12	..	..	..	..	..	..	21
22	1	..	.02	4	..	.13	..	..	..	..	..	..	22
23	..	..	..	3	..	.11	..	..	..	..	..	..	23
24	..	..	..	1	..	.04	..	..	..	..	..	..	24
1-5	1385	9	6.96	1124	13	7.13	619	7	5.32	259	4	3.23	1-5
6-24	771	7	6.17	656	9	7.93	265	5	4.20	118	2	2.90	6-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Pernicious and Remittent Fevers.

TABLE III (Continued)

38—E. F. G. H. MALARIAL FEVER.* TWO OR MORE ATTACKS AT ANY TIME IN THE PAST HABITAT: ALABAMA, ARKANSAS, FLORIDA, GEORGIA, MISSISSIPPI AND TEXAS, OTHER THAN GULF, DELTA AND COAST COUNTIES

Age at Entry		14-16			17-19			20-22			23 and over		
Inter- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter- year Years
1	44	..	.54	23	1	.40	12	..	.25	5	..	.14	1
2	28	..	.44	15	1	.31	10	..	.28	2	..	.09	2
3	25	1	.46	13	..	.31	9	1	.29	2	..	.10	3
4	20	..	.40	11	..	.29	8	..	.28	2	..	.11	4
5	17	..	.37	10	..	.29	4	..	.16	2	..	.12	5
6	14	1	.34	10	..	.32	4	..	.17	2	..	.13	6
7	9	..	.24	8	..	.28	4	..	.19	2	1	.14	7
8	8	..	.23	6	1	.25	4	..	.21	1	..	.08	8
9	5	1	.16	5	..	.21	4	..	.23	1	..	.09	9
10	4	..	.14	4	..	.19	3	1	.19	..	..	..	10
11	3	..	.12	4	..	.21	1	..	.07	..	..	..	11
12	2	..	.09	1	..	.06	1	..	.07	..	..	..	12
13	1	..	.05	1	..	.06	1	1	.08	..	..	..	13
14	1	..	.05	..	..	..	..	..	..	..	..	..	14
15	1	..	.06	..	..	..	..	..	..	..	..	..	15
16	1	..	.06	..	..	..	..	..	..	..	..	..	16
17	1	..	.07	..	..	..	..	..	..	..	..	..	17
18	1	1	.07	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	134	1	2.21	74	2	1.60	43	1	1.26	13	..	.56	1-5
6-24	51	3	1.68	39	1	1.56	22	2	1.21	6	1	.44	6-24

SYNOPSIS

Age at Entry		15-19			20-29			30-39			40-49			Inter- year Years
Inter- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter- year Years	
1	1247	10	4.25	215	1166	7	4.36	158	579	2	3.10	63	1	
2	743	2	3.37	55	722	4	3.60	97	361	1	2.62	58	2	
3	630	6	2.94	204	642	3	3.27	92	314	7	2.46	285	3	
4	539	4	2.57	188	547	3	2.89	104	271	5	2.30	217	4	
5	447	..	2.37	..	409	1	2.26	99	218	3	1.97	254	5	
1-5	3603	22	15.30	164	3046	21	16.82	119	1743	19	12.43	163	1-5	
6-7	688	4	3.38	118	728	4	4.15	145	338	4	3.28	326	6-7	
8-10	699	7	3.31	211	736	4	4.64	86	317	3	3.84	76	8-10	
11-15	437	4	2.32	172	374	9	4.40	134	234	3	3.46	143	11-15	
16-24	98	..	.67	..	158	..	1.76	..	78	2	1.63	121	16-24	
1-24	5407	37	24.99	149	5728	36	31.53	113	2664	24	24.58	138	1-24	

50-59					60 and over				All Ages at Entry				
Inter- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter- year Years
1	153	2	1.72	136	17	..	.39	..	3164	21	13.96	139	1
2	97	1	1.63	70	17	..	.37	..	1937	10	11.39	88	2
3	86	2	1.63	210	11	1	.39	256	1683	20	10.49	193	3
4	71	..	1.29	..	10	..	.36	..	1438	12	9.44	127	4
5	58	1	1.37	85	6	..	.28	..	1197	7	8.18	92	5
1-5	467	7	7.96	99	54	1	1.82	35	9419	70	53.63	531	1-5
6-7	35	2	1.96	101	12	1	.63	559	1828	17	13.32	128	6-7
8-10	73	2	2.66	96	13	1	.80	125	1796	17	14.67	116	8-10
11-15	41	..	1.58	..	3	1	.32	453	1269	16	12.07	132	11-15
16-24	9	2	.60	490	..	..	..	..	133	4	4.59	97	16-24
1-24	675	13	13.58	99	84	4	3.47	110	16449	124	98.01	126	1-24

*Including ordinary Chills and Fever, Fever and Ague with intermittent Fever, but excluding Pneumonia and Remittent Fever.

TABLE III (Continued)
35-A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				15-19				20-24				25-29				30-34			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years			
1	1551	4	4.81	8817	28	29.10	10413	37	36.45	8216	27	30.40	1			1			
2	1073	9	4.61	5859	42	26.37	7183	33	33.04	5881	34	28.23	2			2			
3	914	4	4.11	4984	25	22.93	6232	44	29.29	5109	28	25.03	3			3			
4	785	4	3.61	4315	21	20.28	5491	26	26.36	4536	23	22.68	4			4			
5	660	4	3.04	3721	21	17.86	4845	20	23.74	4050	18	21.06	5			5			
6	545	2	2.56	3171	15	15.22	4253	24	20.84	3539	22	18.76	6			6			
7	433	3	2.04	2673	11	13.10	3734	18	18.67	3105	15	16.77	7			7			
8	337	2	1.58	2315	9	11.34	3274	18	16.37	2741	14	15.08	8			8			
9	273	2	1.31	2008	4	9.84	2897	10	14.77	2418	14	13.78	9			9			
10	215	..	1.03	1689	5	8.28	2480	10	12.90	2101	6	12.40	10			10			
11	157	..	.75	1331	8	6.66	2020	8	10.71	1727	14	10.71	11			11			
12	124	..	.61	1138	5	5.69	1719	10	9.78	1478	9	9.75	12			12			
13	89	1	.44	961	3	4.90	1473	10	8.10	1267	9	8.87	13			13			
14	73	1	.36	823	3	4.28	1298	11	7.40	1143	13	8.57	14			14			
15	62	..	.30	701	3	3.72	1144	5	6.75	1027	10	8.25	15			15			
16	46	..	.23	566	..	3.06	946	4	5.87	818	8	6.95	16			16			
17	38	..	.19	451	3	2.48	779	8	5.14	681	7	6.20	17			17			
18	27	..	.14	375	1	2.10	663	3	4.64	563	4	5.52	18			18			
19	23	..	.12	288	2	1.67	530	1	3.98	459	3	4.87	19			19			
20	17	..	.09	227	..	1.38	402	3	3.22	366	3	4.21	20			20			
21	5	..	.03	93	..	.60	166	1	1.41	159	1	1.99	21			21			
22	5	..	.03	51	..	.35	91	..	.83	113	1	1.53	22			22			
23	4	..	.02	25	..	.18	60	1	.59	58	1	.85	23			23			
24	2	..	.01	14	..	.11	35	..	.37	20	..	.32	24			24			
1-5	4983	25	20.18	27696	137	116.54	34164	160	148.88	27792	130	127.40	1-5			1-5			
6-24	2475	11	11.84	18900	72	94.96	27964	145	151.84	23783	156	155.35	6-24			6-24			

Ages at Entry				40-44				45-49				50-54			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years		
1	5668	27	23.24	3333	17	15.67	1758	17	11.25	779	10	7.09	1		
2	4106	24	21.35	2371	11	15.17	1273	15	11.20	578	10	7.25	2		
3	3606	28	19.47	2091	18	14.43	1085	12	10.31	504	10	6.96	3		
4	3219	16	18.35	1837	10	13.78	943	10	9.81	429	9	6.44	4		
5	2855	17	16.84	1634	13	13.07	839	16	9.48	375	5	6.11	5		
6	2504	20	15.52	1425	10	12.11	732	10	8.93	327	5	5.72	6		
7	2179	17	14.38	1263	15	11.49	641	16	8.46	274	7	5.21	7		
8	1893	12	13.25	1096	13	10.74	541	8	7.74	229	9	4.72	8		
9	1682	13	12.62	951	12	10.08	468	8	7.21	195	5	4.39	9		
10	1469	12	11.75	840	12	9.66	394	8	6.58	161	5	3.98	10		
11	1217	12	10.34	689	7	8.50	301	4	5.45	126	3	3.43	11		
12	1044	8	9.50	559	5	7.55	248	3	4.86	104	2	3.12	12		
13	897	9	8.79	477	9	6.96	203	8	4.34	85	4	2.81	13		
14	785	6	8.32	411	6	6.49	175	7	4.10	77	6	2.81	14		
15	686	5	7.89	359	2	6.14	149	6	3.83	65	..	2.61	15		
16	551	13	6.89	265	1	4.90	95	4	2.69	48	..	2.17	16		
17	461	8	6.22	217	3	4.36	72	2	2.25	40	..	1.94	17		
18	389	6	5.68	183	7	4.01	61	2	2.10	35	..	1.86	18		
19	322	5	5.09	159	7	3.60	55	2	2.08	28	2	1.63	19		
20	257	2	4.31	111	4	2.93	45	3	1.88	24	..	1.52	20		
21	115	3	2.13	56	1	1.63	29	..	1.33	20	2	1.37	21		
22	66	2	1.33	25	3	.80	19	..	.96	12	..	.89	22		
23	41	1	.90	11	..	.39	5	..	.28	9	3	.72	23		
24	15	..	.36	5	..	.20	..	..	..	1	..	.09	24		
1-5	19454	112	99.25	11266	69	72.12	5898	70	52.05	2665	44	33.83	1-5		
6-24	16568	154	145.27	9084	117	112.54	4233	91	75.07	1860	53	50.94	6-24		

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry		55-59				60-69				70 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	37.06	54	6.37	185	5	2.90	101	2.07	65	1	1.50	2	1
2	27.23	54	6.31	182	5	2.90	74	2.04	51	3	2.00	2	2
3	22.7	4	6.15	123	5	2.91	64	2.00	41	1	1.57	3	3
4	19.06	5	5.99	109	4	2.80	53	1.88	30	2	2.00	4	4
5	16.0	4	5.70	92	3	2.66	49	1.91	24	2	1.99	5	5
6	14.4	1	5.46	74	3	2.38	42	1.80	20	1	1.94	6	6
7	12.5	3	5.30	68	1	2.41	30	1.79	26	2	1.84	7	7
8	10.7	2	5.11	99	2	2.30	34	1.73	20	3	1.54	8	8
9	9.3	3	2.99	82	2	2.23	29	1.64	17	3	1.31	9	9
10	7.5	2	2.66	44	3	2.07	27	1.67	10	2	.87	10	10
11	5.6	3	2.18	28	1	1.84	21	1.24	6	1	.53	11	11
12	4.3	2	1.84	23	3	1.30	16	1.16	4	1	.40	12	12
13	3.7	2	1.74	99	3	1.17	14	1.10	4	1	.43	13	13
14	3.0	1	1.52	14	2	.94	10	.87	4	1	.44	14	14
15	2.5	1	1.42	10	1	.80	10	.82	3	1	.35	15	15
16	1.9	1	.93	8	1	.63	9	.90	2	1	.24	16	16
17	1.3	1	.81	6	1	.51	8	.89	1	1	.10	17	17
18	1.1	1	.80	5	1	.66	5	.88	1	1	.13	18	18
19	.8	1	.63	5	1	.80	3	.88	1	1	.10	19	19
20	.6	1	.51	4	1	.63	1	.19	1	1	..	20	20
21	.4	1	.37	4	1	.47	1	.15	1	1	..	21	21
22	.4	1	.40	2	1	.24	1	..	1	1	..	22	22
23	.3	1	.11	1	1	.14	1	..	1	1	..	23	23
24	..	1	..	1	1	.15	1	..	1	1	..	24	24
1-5	12.23	25	20.47	651	24	14.37	541	9.95	226	9	9.50	1-5	1-5
6-24	29.7	21	28.67	438	19	20.58	267	17.03	123	56	16.33	6-24	6-24

SYNOPSIS

Ages at Entry		15-29				30-39				40-49			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	20781	69	70.36	98	13884	54	53.64	101	5091	34	26.92	126	1
2	14115	84	64.02	131	9987	58	49.58	117	3644	26	26.37	99	2
3	12130	73	56.33	130	8715	56	44.50	126	3176	30	24.74	121	3
4	10591	51	50.25	101	7755	39	41.03	95	2780	20	23.59	85	4
5	9226	45	44.64	101	6905	35	37.90	92	2473	29	22.55	129	5
1-5	66843	322	285.60	113	47246	247	226.63	107	17164	139	124.17	112	1-5
6-7	14809	73	72.43	101	11327	74	65.43	113	4061	51	40.99	124	6-7
8-10	15488	60	77.42	77	12304	71	78.88	90	4290	61	52.01	117	8-10
11-15	13113	68	69.95	97	11271	95	90.96	104	3562	57	58.22	98	11-15
16-24	5929	27	38.84	70	5449	70	65.35	107	1404	39	26.39	107	16-24
1-24	116182	550	544.24	101	87397	552	527.27	105	50481	347	311.78	111	1-24

Ages at Entry		50-59				60 and over				All Ages at Entry			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	1322	21	14.42	146	166	1	3.87	26	41244	179	169.21	106	1
2	993	19	14.44	132	125	5	4.08	123	28864	192	158.49	121	2
3	854	19	14.06	135	105	1	4.02	25	24980	179	143.65	125	3
4	734	18	13.26	136	91	4	3.88	103	21951	137	132.01	106	4
5	636	16	12.49	128	83	4	3.90	103	19323	129	121.48	106	5
1-5	4539	93	68.67	135	570	15	19.75	76	156362	811	724.84	112	1-5
6-7	1012	19	22.48	85	136	4	7.37	54	31543	221	208.70	106	6-7
8-10	1015	32	28.45	112	135	9	8.80	102	33232	233	245.56	95	8-10
11-15	743	32	29.16	110	91	5	7.54	66	28780	257	255.83	100	11-15
16-24	315	10	20.30	49	32	8	5.71	216	13129	154	164.39	94	16-24
1-24	7624	186	169.06	110	964	41	47.17	87	242848	1676	1599.52	105	1-24

*Including ordinary Chills and Fever, Fever and Ague and Unsettled Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
35-B. MALARIAL FEVER: ONE ATTACK BETWEEN TWO AND FIVE YEARS PRIOR TO APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				20-24			25-29			30-34			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	1081	8	3.33	6966	16	22.99	9806	28	34.33	7857	31	29.07	1
2	774	3	3.33	4724	22	21.26	6838	29	31.55	5632	25	27.03	2
3	672	1	3.02	4078	15	18.76	5961	21	28.02	4920	23	24.11	3
4	558	3	2.57	3535	17	16.61	5246	24	25.18	4299	17	21.50	4
5	449	2	2.07	3061	15	14.69	4625	28	22.66	3780	17	19.66	5
6	358	..	1.68	2549	13	12.24	4001	23	19.60	3276	18	17.36	6
7	306	1	1.44	2130	8	10.44	3407	19	17.04	2806	13	15.13	7
8	240	1	1.13	1809	11	8.86	2874	15	14.37	2409	15	13.28	8
9	187	3	.90	1526	6	7.48	2514	10	12.82	2134	13	12.16	9
10	154	..	.74	1319	5	6.46	2234	11	11.62	1893	10	11.17	10
11	117	..	.56	1091	4	5.46	1905	15	10.10	1591	16	9.86	11
12	99	1	.49	924	1	4.62	1652	7	8.92	1390	7	9.17	12
13	80	..	.39	795	4	4.03	1470	5	8.09	1218	8	8.53	13
14	70	1	.34	684	5	3.56	1307	6	7.45	1091	4	8.18	14
15	64	..	.31	590	..	3.13	1146	7	6.76	981	5	7.83	15
16	52	1	.26	455	2	2.46	935	5	5.80	804	4	6.83	16
17	35	1	.18	381	1	2.10	789	5	5.21	691	8	6.29	17
18	28	..	.11	309	1	1.73	634	4	4.44	577	5	5.65	18
19	21	..	.07	232	1	1.33	502	2	3.77	460	2	4.88	19
20	14	..	.07	174	..	1.06	393	3	3.16	369	4	4.24	20
21	5	..	.03	85	..	.54	180	2	1.53	174	2	2.18	21
22	3	..	.02	62	..	.42	120	1	1.09	122	..	1.63	22
23	2	..	.01	39	..	.28	68	..	.67	72	1	1.03	23
24	..	..	..	13	..	.10	31	..	.33	38	1	.60	24
1-5	3534	17	14.34	22364	85	94.31	32496	130	141.73	26488	113	121.37	1-5
6-24	1835	9	8.80	15167	62	76.34	26164	140	142.77	22096	136	146.03	6-24

Ages at Entry				40-44			45-49			50-54			Immense Years
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	4970	23	20.38	2834	13	13.32	1543	10	9.88	660	5	6.01	1
2	3622	19	18.83	2055	16	13.15	1114	9	9.80	490	5	6.13	2
3	3189	20	17.17	1788	14	12.34	981	13	9.32	425	3	5.87	3
4	2829	10	16.13	1554	10	11.66	847	9	8.81	364	10	5.46	4
5	2494	16	14.71	1373	13	10.98	728	7	8.23	325	4	5.30	5
6	2169	9	13.45	1209	14	10.28	673	4	7.60	278	7	4.87	6
7	1877	15	12.39	1035	5	9.42	529	14	6.98	238	4	4.52	7
8	1638	11	11.47	893	10	8.75	447	2	6.39	199	4	4.10	8
9	1422	7	10.67	784	6	8.31	397	4	6.11	172	2	3.87	9
10	1283	9	10.26	671	12	7.72	355	5	5.93	150	5	3.71	10
11	1077	6	9.15	555	8	6.94	288	3	5.21	120	3	3.26	11
12	927	8	8.44	464	7	6.26	247	3	4.84	99	1	2.97	12
13	806	6	7.90	403	4	5.88	220	3	4.71	83	1	2.73	13
14	723	6	7.66	360	5	5.69	197	3	4.61	73	3	2.60	14
15	644	8	7.41	320	8	5.47	178	6	4.57	62	3	2.49	15
16	502	7	6.28	247	7	4.57	125	5	3.54	40	2	1.77	16
17	419	8	5.66	214	2	4.30	103	3	3.21	34	3	1.63	17
18	347	4	5.07	178	8	3.90	89	4	3.06	25	1	1.33	18
19	281	5	4.44	142	..	3.41	67	1	2.54	19	1	1.10	19
20	219	3	3.74	117	..	3.09	53	1	2.21	15	..	.95	20
21	102	1	1.89	57	2	1.66	30	..	1.37	9	1	.62	21
22	73	2	1.47	30	1	.96	24	..	1.21	4	..	.30	22
23	45	..	.99	14	..	.50	15	..	.83	2	1	.16	23
24	20	..	.48	7	..	.27	3	..	.18	1	..	.09	24
1-5	17093	88	87.22	9604	66	61.45	5213	48	46.04	2264	27	28.77	1-5
6-24	14574	115	128.82	7700	99	97.38	3990	61	75.10	1623	42	43.17	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38-B. MALARIAL FEVER;* ONE ATTACK BETWEEN TWO AND FIVE YEARS PRIOR TO APPLICATION HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	308	2	3.76	168	3	2.69	83	2	1.70	68	..	1.83	1
2	231	1	3.65	126	2	2.57	65	1	1.79	58	6	2.28	2
3	206	7	3.77	109	2	2.62	53	2	1.70	51	2	2.42	3
4	179	3	3.60	94	4	2.48	49	1	1.73	43	2	2.26	4
5	159	6	3.48	81	2	2.36	45	3	1.76	34	..	2.07	5
6	138	2	3.31	73	4	2.34	37	3	1.59	30	1	1.92	6
7	120	2	3.17	57	1	2.02	32	2	1.51	29	..	2.03	7
8	110	5	3.20	48	2	1.87	28	3	1.44	28	3	2.10	8
9	88	4	2.82	40	3	1.72	21	..	1.19	22	6	1.77	9
10	75	..	2.66	33	1	1.55	18	..	1.11	15	..	1.28	10
11	51	2	1.99	24	6	1.24	15	1	1.00	11	..	.98	11
12	43	2	1.84	17	2	.96	14	3	1.01	11	..	1.06	12
13	32	3	1.51	14	2	.86	8	2	.63	10	..	1.05	13
14	25	1	1.29	12	..	.80	5	..	.42	10	1	1.13	14
15	21	1	1.19	11	1	.80	5	..	.46	8	2	1.00	15
16	13	1	.80	6	2	.47	5	..	.50	6	1	.79	16
17	8	..	.53	4	..	.34	5	..	.54	4	2	.58	17
18	8	..	.58	3	..	.28	5	1	.58	2	1	.30	18
19	7	..	.55	3	..	.30	2	..	.25	..	..	..	19
20	6	..	.51	2	..	.22	2	..	.27	..	..	..	20
21	6	1	.55	..	..	..	2	1	.30	..	..	..	21
22	2	..	.20	..	..	..	..	..	..	..	..	..	22
23	1	..	.11	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1083	19	18.26	578	13	12.72	295	9	8.68	256	10	10.88	1-5
6-24	754	24	26.81	347	24	15.77	204	18	12.80	180	17	15.99	6-24

SYNOPSIS

Ages at Entry					39-39					40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	17853	52	60.66	86	12827	54	49.45	109	4377	23	23.20	99	1	
2	12356	54	56.14	96	9254	44	45.86	96	3169	25	22.95	109	2	
3	10711	37	49.80	74	8100	43	41.28	104	2769	27	21.66	125	3	
4	9339	44	44.36	99	7128	27	37.63	72	2401	19	20.47	93	4	
5	8135	45	39.42	114	6274	33	34.37	96	2101	20	19.21	104	5	
1-5	58394	232	250.38	93	43583	201	208.39	96	14817	114	107.49	106	1-5	
6-7	12751	64	62.44	102	10128	55	58.35	94	3396	37	34.28	108	6-7	
8-10	12857	62	64.38	96	10779	65	68.98	94	3547	39	43.21	90	8-10	
11-15	11994	56	64.23	87	10448	74	84.15	88	3232	50	54.18	92	11-15	
16-24	5364	29	36.80	79	5315	57	63.39	90	1515	34	40.81	83	16-24	
1-24	101560	443	478.29	93	80253	452	483.46	93	26507	274	279.97	98	1-24	

Ages at Entry					50 and over					All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	1136	10	12.46	80	151	2	3.55	56	36344	141	149.32	94	1	
2	847	8	12.35	65	123	7	4.07	172	25749	138	141.37	98	2	
3	740	12	12.26	98	104	4	4.12	97	22424	125	129.12	95	3	
4	637	17	11.54	147	92	3	3.99	75	19397	110	117.99	93	4	
5	565	12	11.14	108	81	3	3.83	78	17156	113	107.97	103	5	
1-5	3925	59	59.73	99	551	19	19.56	97	121278	625	645.77	97	1-5	
6-7	904	20	20.23	99	128	8	7.03	113	27307	184	182.35	101	6-7	
8-10	913	26	25.50	102	132	12	8.89	135	28330	204	210.96	97	8-10	
11-15	687	31	26.61	116	97	9	8.74	103	26458	220	237.91	92	11-15	
16-24	218	13	13.41	97	33	6	4.11	146	12645	139	158.58	88	16-24	
1-24	6649	149	145.50	103	941	54	48.35	112	21910	1372	1435.57	98	1-24	

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
FIG.—C. D. MALARIAL FEVER: * ONE ATTACK MORE THAN FIVE YEARS PRIOR TO APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Age at Entry				15-19			20-24			25-29			30-34			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	871	5	2.70	7747	28	25.57	16133	58	56.47	19221	37	71.12	1			1
2	606	4	2.61	5119	27	23.04	11150	43	51.29	13655	43	65.54	2			2
3	522	2	2.35	4332	15	19.93	9653	37	45.37	11888	42	58.25	3			3
4	424	..	1.95	3717	19	17.47	8414	33	40.39	10356	46	51.78	4			4
5	328	1	1.51	3182	13	15.27	7329	39	35.91	9051	39	47.07	5			5
6	252	..	1.18	2699	7	12.96	6332	27	31.03	7802	29	41.35	6			6
7	207	2	.97	2307	8	11.30	5332	16	27.66	6885	36	37.18	7			7
8	162	1	.76	2010	7	9.85	4904	24	24.52	6080	29	33.44	8			8
9	123	..	.59	1765	2	8.65	4342	12	22.14	5439	26	31.00	9			9
10	108	..	.52	1541	3	7.55	3837	20	20.06	4856	22	28.65	10			10
11	83	..	.40	1327	3	6.64	3260	13	17.28	4103	20	25.44	11			11
12	73	..	.36	1132	1	5.66	2814	10	15.20	3546	24	23.40	12			12
13	60	1	.29	948	6	4.83	2404	11	13.22	3026	22	21.18	13			13
14	56	1	.27	801	2	4.17	2102	7	11.98	2631	14	19.73	14			14
15	43	..	.21	691	1	3.66	1797	11	10.60	2263	13	18.10	15			15
16	30	..	.15	548	3	2.96	1420	11	8.80	1758	13	14.94	16			16
17	26	..	.13	433	2	2.38	1148	8	7.58	1445	7	13.15	17			17
18	14	..	.07	329	5	1.84	928	6	6.50	1122	6	11.00	18			18
19	12	1	.06	252	..	1.46	738	6	5.54	851	6	9.02	19			19
20	4	..	.02	193	3	1.18	561	3	4.49	633	7	7.28	20			20
21	2	..	.01	79	1	.51	266	2	2.26	278	5	3.48	21			21
22	1	..	.01	46	..	.31	188	1	1.71	181	4	2.44	22			22
23	1	..	.01	22	..	.16	105	1	1.03	108	..	1.58	23			23
24	..	..	..	8	..	.08	39	1	.41	52	..	.82	24			24
1-5	2751	12	11.12	24097	102	101.28	52679	210	229.43	64171	207	293.76	1-5			
6-24	1257	6	6.01	17131	54	86.13	42737	187	232.01	53059	283	343.18	6-24			

Age at Entry				35-39			40-44			45-49			50-53			
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insurance Years
1	16513	63	67.70	11531	56	53.35	6864	28	43.93	3187	25	29.06	1			1
2	11780	47	61.26	8168	28	52.28	5030	33	44.26	2290	37	28.63	2			2
3	10330	53	55.78	7114	46	49.09	4372	33	41.53	1980	37	27.52	3			3
4	9037	50	51.51	6231	32	46.73	3786	37	39.37	1706	21	25.59	4			4
5	7927	45	46.77	5422	47	43.38	3270	32	36.95	1491	18	24.36	5			5
6	6873	33	42.61	4692	45	39.88	2770	35	33.79	1273	24	22.28	6			6
7	6064	36	40.02	4063	24	36.97	2411	24	31.83	1098	21	20.86	7			7
8	5382	29	37.67	3501	31	34.31	2097	28	29.99	951	12	19.59	8			8
9	4792	34	35.94	3049	32	32.32	1837	34	28.29	825	17	18.56	9			9
10	4241	23	33.93	2670	20	30.71	1607	21	26.84	695	12	17.17	10			10
11	3534	27	30.21	2182	19	27.28	1284	18	23.24	523	5	14.23	11			11
12	3008	19	27.37	1881	23	25.39	1088	13	21.32	448	16	13.44	12			12
13	2573	26	25.24	1572	18	22.95	892	16	19.09	344	8	11.39	13			13
14	2221	16	23.54	1356	21	21.42	752	13	17.60	281	5	10.26	14			14
15	1865	16	21.45	1156	18	19.77	628	16	16.14	240	11	9.63	15			15
16	1424	20	17.80	831	10	15.37	413	17	11.69	148	8	6.54	16			16
17	1153	13	15.57	674	13	13.55	317	13	9.89	114	6	5.53	17			17
18	883	8	12.92	534	17	11.69	245	9	8.43	80	3	4.23	18			18
19	658	11	10.40	401	11	9.62	192	7	7.28	60	1	3.49	19			19
20	495	8	8.46	293	4	7.74	129	3	5.38	45	1	2.84	20			20
21	242	6	4.48	145	3	4.22	67	6	3.07	33	..	2.26	21			21
22	160	1	3.22	104	1	3.34	46	4	2.31	24	1	1.78	22			22
23	91	2	1.99	67	3	2.37	25	..	1.38	16	4	1.28	23			23
24	48	1	1.15	31	1	1.21	16	1	.96	8	..	.70	24			24
1-5	55587	260	283.02	38286	209	244.83	23322	163	206.04	10654	128	134.84	1-5			
6-24	45731	329	393.97	29202	314	360.11	16816	278	298.57	7206	150	186.16	6-24			

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Purificious and Remittent Fever.

TABLE III (Continued)

38—C. D. MALARIAL FEVER: ONE ATTACK MORE THAN FIVE YEARS PRIOR TO APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry 54-56				57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	1477	11	18.02	863	12	13.81	465	7	9.49	296	5	8.18	1
2	1087	14	17.17	654	9	13.34	348	9	9.57	226	10	9.14	2
3	961	11	17.59	574	11	13.78	304	6	9.76	187	7	8.98	3
4	840	17	16.88	494	8	13.04	260	7	9.20	160	11	8.33	4
5	742	9	16.25	425	11	12.37	224	8	8.74	131	6	7.54	5
6	631	13	15.14	357	13	11.46	196	10	8.41	106	5	6.64	6
7	547	14	14.44	307	6	10.87	159	11	7.49	84	2	5.70	7
8	461	10	13.42	262	8	10.22	130	7	6.71	74	1	5.45	8
9	389	17	12.49	227	15	9.74	114	7	6.45	64	2	5.10	9
10	313	11	11.08	187	7	8.81	92	3	5.68	56	3	4.81	10
11	234	4	9.13	133	9	6.86	61	4	4.07	37	1	2.94	11
12	190	2	8.15	105	3	5.94	47	4	3.40	29	3	2.92	12
13	138	10	7.44	85	4	5.24	33	..	2.58	23	1	2.47	13
14	134	8	6.91	70	3	4.68	29	1	2.46	21	2	2.45	14
15	109	5	6.17	57	5	4.12	27	1	2.48	18	5	2.20	15
16	62	2	3.83	32	4	2.51	20	2	1.99	10	1	1.30	16
17	47	2	3.14	22	1	1.87	16	1	1.73	9	2	1.27	17
18	36	2	2.60	17	..	1.56	13	2	1.52	4	1	.59	18
19	27	3	2.11	16	1	1.39	8	1	1.01	3	..	.48	19
20	19	1	1.61	12	2	1.29	7	1	.90	2	..	.35	20
21	11	1	1.01	7	..	.82	5	2	.74	2	..	.38	21
22	8	1	.80	3	1	.38	2	1	.32	1	..	.20	22
23	2	..	.22	1	..	.14	1	..	.17	..	..	..	23
24	2	..	.23	1	..	.15	1	1	.19	..	..	..	24
1-5	5107	62	85.91	3010	51	66.34	1599	37	46.76	1000	39	42.21	1-5
6-24	3380	106	119.92	1901	82	88.25	961	59	58.36	538	29	45.75	6-24

SYNOPSIS

Ages at Entry 15-29					30-39				40-49				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	24751	91	84.74	107	35734	100	138.82	77	18215	84	97.28	86	1
2	16875	74	76.94	96	25435	90	126.80	71	13198	61	96.54	63	2
3	14507	54	67.65	80	22218	97	114.03	85	11486	79	90.62	87	3
4	12555	52	59.81	87	19393	96	103.29	93	10017	69	86.10	80	4
5	10839	53	52.69	101	16978	84	93.84	90	8692	79	80.33	98	5
1-5	79527	324	341.83	95	119758	467	576.78	81	61608	372	459.87	83	1-5
6-7	17329	60	85.10	71	27624	134	161.16	83	13936	128	142.47	90	6-7
8-10	18812	69	94.64	75	36790	165	200.63	81	14761	166	182.46	91	8-10
11-15	17591	67	94.77	71	28792	197	235.66	84	12791	175	214.20	82	11-15
16-24	7393	51	49.66	103	11584	118	139.70	84	4530	123	119.50	103	16-24
1-24	140652	571	665.98	86	218548	1079	1313.93	82	107626	964	1109.50	87	1-24

Ages at Entry 50-59					60 and over				All Ages at Entry				
Insurance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insurance Years
1	5527	48	60.83	79	759	12	17.67	68	84986	335	399.34	84	1
2	4031	35	59.14	93	574	19	18.71	102	60113	299	378.13	79	2
3	3513	34	58.69	92	491	13	18.74	69	52217	297	349.73	85	3
4	3040	46	55.51	83	420	18	17.57	102	45423	281	322.28	87	4
5	2658	38	52.92	72	355	14	16.28	86	39522	268	296.06	91	5
1-5	18771	241	287.09	84	2599	76	88.97	85	282763	1480	1745.54	85	1-5
6-7	4213	91	95.05	96	545	28	28.24	99	63647	441	512.02	86	6-7
8-10	4310	104	121.08	86	530	23	34.20	67	69203	525	633.01	85	8-10
11-15	3111	98	123.61	79	320	22	27.97	79	62605	559	696.21	80	11-15
16-24	853	45	54.53	83	104	15	13.20	114	24464	352	376.57	93	16-24
1-24	31258	579	681.36	85	4098	164	192.38	85	502182	3357	3963.35	85	1-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)

38--J. MALARIAL FEVER: ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				15-19			20-24			25-29			30-34			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years			
1	202	3	.63	1349	9	4.45	2265	9	7.93	2377	12	8.79	1			
2	125	..	.54	886	4	3.99	1586	6	7.30	1736	6	8.33	2			
3	108	1	.49	779	6	3.58	1424	8	6.69	1532	8	7.51	3			
4	96	1	.44	670	1	3.15	1263	6	6.06	1334	4	6.67	4			
5	86	1	.40	592	5	2.84	1149	8	5.63	1201	9	6.25	5			
6	73	..	.34	526	6	2.52	1036	4	5.08	1095	7	5.80	6			
7	68	..	.32	483	2	2.37	958	4	4.79	1011	6	5.46	7			
8	65	1	.31	454	2	2.22	883	3	4.42	960	6	5.28	8			
9	60	..	.29	421	2	2.06	829	8	4.25	903	7	5.15	9			
10	57	1	.27	398	1	1.95	776	4	4.04	859	4	5.07	10			
11	50	1	.24	338	3	1.69	684	..	3.63	784	8	4.86	11			
12	45	1	.22	301	1	1.51	615	4	3.32	708	4	4.67	12			
13	41	..	.20	268	1	1.37	561	2	3.09	667	4	4.63	13			
14	36	..	.18	240	1	1.25	520	3	2.96	610	1	4.58	14			
15	30	..	.15	205	2	1.09	457	3	2.70	539	3	4.31	15			
16	17	..	.09	171	..	.92	385	4	2.39	447	1	3.80	16			
17	16	..	.08	131	..	.72	320	2	2.11	398	2	3.62	17			
18	8	..	.04	107	..	.60	249	2	1.74	317	2	3.11	18			
19	7	2	.04	71	2	.41	195	2	1.46	237	1	2.46	19			
20	5	..	.03	54	..	.33	154	1	1.23	164	1	1.89	20			
21	3	..	.02	19	..	.12	76	..	.65	64	2	.80	21			
22	2	..	.01	11	..	.07	50	1	.46	49	..	.66	22			
23	1	..	.01	5	..	.04	36	..	.35	35	2	.51	23			
24	1	..	.01	2	..	.02	15	..	.16	15	..	.24	24			
1-5	617	6	2.50	4276	25	18.01	7687	37	33.61	8180	39	37.55	1-5			
6-24	585	6	2.85	4205	23	21.26	8799	47	48.81	9852	61	66.90	6-24			

Age at Entry			35-39			40-44			45-49			50-53			
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immersion Years		
1	2028	8	8.31	1418	6	6.66	896	5	5.73	396	5	3.60	1		
2	1498	5	7.79	1050	7	6.72	688	2	6.05	283	5	3.54	2		
3	1338	7	7.23	947	3	6.53	603	3	5.73	245	3	3.38	3		
4	1190	4	6.78	852	8	6.39	525	7	5.46	222	3	3.33	4		
5	1098	9	6.48	784	4	6.27	481	9	5.44	200	6	3.26	5		
6	998	6	6.19	709	4	6.03	432	4	5.27	180	5	3.15	6		
7	929	8	6.13	655	5	5.96	400	5	5.28	164	2	3.12	7		
8	874	7	6.12	600	3	5.88	381	6	5.45	154	4	3.17	8		
9	821	3	6.16	565	5	5.99	358	12	5.51	142	5	3.20	9		
10	771	6	6.17	529	9	6.08	331	5	5.53	129	5	3.19	10		
11	698	8	5.93	467	5	5.84	281	3	5.09	106	..	2.88	11		
12	634	6	5.77	421	8	5.68	253	5	4.96	90	2	2.76	12		
13	571	6	5.60	375	7	5.48	233	7	4.99	83	1	2.75	13		
14	522	9	5.53	346	3	5.47	205	5	4.80	78	5	2.85	14		
15	458	4	5.27	312	6	5.34	183	8	4.70	63	2	2.53	15		
16	360	5	4.50	227	6	4.20	128	3	3.62	40	..	1.77	16		
17	308	5	4.16	187	1	3.76	110	5	3.43	37	..	1.52	17		
18	241	3	3.52	145	2	3.18	86	3	2.96	29	2	1.54	18		
19	188	4	2.97	105	4	2.52	61	3	2.31	19	2	1.10	19		
20	141	4	2.41	79	..	2.09	41	1	1.71	12	..	.76	20		
21	64	..	1.18	36	5	1.05	21	1	.96	10	1	.69	21		
22	45	..	.90	21	..	.67	13	1	.53	6	..	.44	22		
23	26	..	.57	14	..	.50	4	..	.22	4	..	.32	23		
24	10	..	.24	8	1	.31	1	..	.06	1	..	.09	24		
1-5	7152	33	36.59	5051	28	32.57	3193	26	28.41	1346	22	17.11	1-5		
6-24	8659	84	79.32	5801	74	76.03	3520	79	67.40	1342	36	37.80	6-24		

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—J. MALARIAL FEVER: ONE ATTACK AT AN INDEFINITE TIME IN THE PAST
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				55-59				60-62				63 and over			
Mean years since entry	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	199	4	2.33	103	3	1.88	33	1	1.09	36	1	1.09	1	1.09	1
2	144	4	2.24	81	1	1.65	39	1	1.07	28	1	1.10	2	1.10	2
3	128	6	2.34	78	1	1.87	33	2	1.12	24	2	1.10	3	1.10	3
4	112	1	2.25	68	1	1.80	29	1	1.03	21	2	1.05	4	1.05	4
5	104	2	2.28	62	2	1.80	24	1	1.01	17	1	.94	5	.94	5
6	95	2	2.33	53	3	1.67	23	1	1.07	15	1	.91	6	.91	6
7	89	2	2.35	46	1	1.63	23	1	1.08	13	2	.84	7	.84	7
8	81	2	2.36	42	2	1.64	19	4	.99	8	2	.88	8	.88	8
9	76	1	2.44	35	1	1.59	17	1	.74	6	1	.43	9	.43	9
10	70	1	2.48	31	1	1.56	17	1	.74	5	1	.35	10	.35	10
11	58	2	2.36	21	1	1.08	9	1	.69	4	2	.34	11	.34	11
12	50	2	2.15	18	1	1.67	9	1	.65	1	1	.39	12	.39	12
13	43	1	2.03	16	2	.96	9	1	.70	1	1	.10	13	.10	13
14	40	2	2.06	13	1	.87	8	1	.68	1	1	.11	14	.11	14
15	36	3	2.04	10	1	.77	6	1	.55	1	1	.15	15	.15	15
16	22	1	1.36	7	1	.55	5	1	.50	1	1	.13	16	.13	16
17	18	1	1.20	5	2	.67	5	1	.32	1	1	.16	17	.16	17
18	10	1	.72	3	1	.26	2	1	.33	1	1	.18	18	.18	18
19	8	1	.63	2	1	.20	2	1	.35	1	1	.19	19	.19	19
20	4	2	.34	2	1	.22	2	1	.77	1	1	.20	20	.20	20
21	2	1	.18	2	1	.23	2	1	.30	1	1	.21	21	.21	21
22	2	1	.20	1	1	.17	2	1	.32	1	1	.22	22	.22	22
23	1	1	.11	1	1	.11	2	1	.35	1	1	.23	23	.23	23
24	1	1	.12	1	1	.11	1	1	.19	1	1	.24	24	.24	24
1-5	578	16	11.47	391	6	8.80	103	3	5.17	126	5	5.19	1-5		
6-24	704	21	27.26	306	16	34.61	154	9	10.32	57	8	4.17	6-24		

SYNOPSIS

Ages at Entry				55-59				60-62				63 and over			
Mean years since entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	3816	21	13.01	161	4405	20	17.10	117	2318	11	12.39	99	1		
2	2592	10	11.83	85	3254	11	16.12	60	1738	5	12.77	70	2		
3	2311	15	10.76	139	2870	19	14.74	102	1550	6	12.26	49	3		
4	2029	8	9.67	85	2524	8	13.45	39	1337	15	11.83	127	4		
5	1822	14	8.87	154	2295	10	12.73	141	1165	15	11.71	111	5		
1-5	12598	68	36.12	129	15442	72	24.34	97	8244	54	40.90	399	1-5		
6-7	3144	16	15.42	104	4033	27	23.56	115	2196	18	22.34	80	6-7		
8-10	3043	22	19.79	111	3188	33	33.95	97	2764	40	34.46	116	8-10		
11-15	4391	23	23.60	83	6190	53	51.15	104	3076	57	52.35	109	11-15		
16-24	2111	16	16.11	112	3106	37	37.34	85	1283	38	34.20	111	16-24		
1-24	26169	144	127.04	112	33947	217	790.36	396	17565	207	304.41	101	1-24		

Ages at Entry				55-59				60 and over				All Ages at Entry			
Mean years since entry	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	691	17	7.60	126	49	1	2.09	48	11315	65	52.19	125	1		
2	508	9	7.47	129	67	1	2.17	1	8144	39	50.36	77	2		
3	451	10	7.29	137	59	4	2.22	180	7241	50	47.57	103	3		
4	403	3	7.38	41	50	3	2.08	144	6382	37	46.81	85	4		
5	368	10	7.34	126	47	2	1.93	103	5660	37	43.60	134	5		
1-5	2618	44	37.38	115	368	10	10.31	91	38882	248	237.13	100	1-5		
6-7	624	18	16.15	106	76	5	3.90	126	10673	81	79.39	102	6-7		
8-10	766	22	21.44	107	63	8	3.83	266	12718	125	115.47	116	8-10		
11-15	725	24	28.93	81	46	4	3.94	102	14427	160	139.91	101	11-15		
16-24	243	12	13.12	79	25	1	3.00	1	6766	98	103.90	94	16-24		
1-24	4779	117	117.03	100	519	27	25.79	167	87661	513	604.96	101	1-24		

*Including ordinary Chills and Fever, Fever and Ague and Ague and Intermittent Fever, but excluding Pyrexias and Remittent Fever.

TABLE III (Continued)
35—E. MALARIAL FEVER: TWO OR MORE ATTACKS, THE LAST WITHIN TWO YEARS OF APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry 15-19				20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	87	..	.27	469	1	2.01	966	6	3.36	826	3	3.06	1
2	63	..	.27	448	2	2.02	694	3	3.19	633	3	3.04	2
3	58	1	.26	388	2	1.78	602	3	2.83	561	5	2.73	3
4	44	2	.20	328	..	1.54	529	3	2.54	500	1	2.50	4
5	37	..	.17	276	4	1.32	456	1	2.23	433	3	2.25	5
6	31	1	.15	235	2	1.13	407	4	1.99	375	..	1.99	6
7	24	..	.11	207	1	1.01	356	..	1.78	322	..	1.74	7
8	22	..	.10	175	1	.86	323	3	1.62	279	..	1.53	8
9	19	..	.09	159	..	.78	280	1	1.43	248	3	1.41	9
10	15	..	.07	142	2	.70	240	..	1.25	220	2	1.30	10
11	12	..	.06	106	2	.53	190	3	1.01	181	..	1.12	11
12	9	..	.04	79	1	.40	155	1	.84	164	1	1.08	12
13	7	..	.03	64	1	.33	128	..	.70	134	..	.94	13
14	6	..	.03	50	1	.26	114	..	.65	114	1	.86	14
15	6	..	.03	39	..	.21	85	..	.50	93	..	.74	15
16	3	..	.02	29	..	.16	68	..	.42	69	1	.59	16
17	2	..	.01	26	..	.14	60	..	.40	61	..	.56	17
18	2	..	.01	23	..	.13	48	1	.34	52	..	.51	18
19	2	..	.01	19	..	.11	41	..	.31	44	..	.47	19
20	2	..	.01	13	..	.08	33	..	.26	38	..	.44	20
21	1	..	.01	8	..	.05	20	..	.17	21	..	.26	21
22	1	..	.01	5	..	.03	16	..	.15	16	..	.22	22
23	1	..	.01	3	..	.02	14	..	.14	9	..	.13	23
24	..	..	..	2	..	.02	8	..	.08	5	..	.08	24
1-5	289	3	1.17	2049	9	8.67	3241	16	14.15	2953	15	13.66	1-5
6-24	165	1	.80	1384	11	6.95	2386	13	14.04	2445	8	15.97	6-24

Ages at Entry 35-39				40-44			45-49			50-55			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	642	3	2.63	403	2	1.89	228	1	1.46	112	1	1.02	1
2	465	3	2.42	307	..	1.96	174	1	1.53	87	1	1.09	2
3	409	8	2.21	275	2	1.90	153	3	1.45	75	..	1.04	3
4	351	4	2.00	244	1	1.83	128	3	1.33	70	3	1.05	4
5	321	3	1.89	218	3	1.74	114	..	1.29	64	3	1.04	5
6	292	2	1.81	196	3	1.67	99	2	1.21	55	1	.96	6
7	249	..	1.64	175	..	1.59	84	1	1.11	49	1	.93	7
8	224	4	1.57	156	3	1.53	74	1	1.06	45	1	.93	8
9	197	1	1.48	138	3	1.46	67	..	1.03	38	1	.86	9
10	173	1	1.38	113	1	1.30	60	1	1.00	31	4	.77	10
11	133	2	1.13	93	3	1.16	44	..	.80	17	..	.66	11
12	107	2	.97	70	..	.95	40	..	.78	13	..	.59	12
13	83	..	.81	58	1	.85	35	..	.75	11	..	.56	13
14	74	1	.78	52	..	.82	30	1	.70	9	..	.53	14
15	55	..	.63	43	..	.74	24	..	.62	9	..	.56	15
16	43	1	.54	32	2	.59	16	..	.45	7	..	.51	16
17	37	2	.50	28	..	.56	13	1	.41	7	..	.54	17
18	31	..	.45	25	..	.55	11	..	.38	6	..	.52	18
19	26	..	.41	22	1	.53	10	..	.38	5	..	.29	19
20	20	..	.34	16	..	.42	7	..	.29	5	1	.32	20
21	10	..	.19	5	..	.15	4	..	.18	..	..	..	21
22	5	..	.10	4	..	.13	3	1	.15	..	..	..	22
23	3	..	.07	1	..	.04	1	..	.06	..	..	..	23
24	2	1	.05	1	..	.04	1	..	.06	..	..	..	24
1-5	2188	21	11.15	1447	8	9.32	797	8	7.06	408	8	5.24	1-5
6-24	1764	17	14.85	1228	17	15.08	623	8	11.42	307	9	7.93	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—E. MALARIAL FEVER:* TWO OR MORE ATTACKS, THE LAST WITHIN TWO YEARS OF APPLICATION

HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

TABLE 1. MORTALITY AND CATASTROPHES, 1960-1969																
Ages at Entry				54-56			57-59			60-62			65 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years			
1	47	..	.57	35	1	.56	14	..	.29	8	..	.23	1			
2	38	1	.60	30	..	.61	9	1	.25	6	..	.22	2			
3	33	3	.60	27	..	.65	6	..	.19	5	1	.21	3			
4	26	..	.52	26	..	.69	4	..	.14	1	..	.05	4			
5	24	..	.53	25	..	.73	4	..	.16	1	..	.05	5			
6	22	3	.53	24	..	.77	4	..	.17	1	..	.06	6			
7	18	..	.48	22	..	.78	3	..	.14	1	..	.06	7			
8	15	..	.44	21	1	.82	3	..	.15	1	..	.07	8			
9	11	..	.35	17	1	.73	3	..	.17	1	1	.07	9			
10	10	..	.35	14	1	.66	2	..	.12	..	..	..	10			
11	8	1	.31	8	1	.43	1	..	.07	..	..	..	11			
12	5	..	.21	6	..	.34	1	..	.07	..	..	..	12			
13	4	..	.19	5	..	.31	1	..	.08	..	..	..	13			
14	4	2	.21	5	..	.33	1	..	.08	..	..	..	14			
15	2	..	.11	5	2	.36	1	..	.09	..	..	..	15			
16	1	1	.06	1	..	.08	..	..	..	..	..	..	16			
17	..	..	..	..	..	..	..	..	..	..	..	..	17			
18	..	..	..	..	..	..	..	..	..	..	..	..	18			
19	..	..	..	..	..	..	..	..	..	..	..	..	19			
20	..	..	..	..	..	..	..	..	..	..	..	..	20			
21	..	..	..	..	..	..	..	..	..	..	..	..	21			
22	..	..	..	..	..	..	..	..	..	..	..	..	22			
23	..	..	..	..	..	..	..	..	..	..	..	..	23			
24	..	..	..	..	..	..	..	..	..	..	..	..	24			
1-5	168	4	2.82	143	1	3.24	37	1	1.03	21	1	.76	1-5			
6-24	100	7	3.24	128	6	5.59	20	..	1.14	4	1	.26	6-24			

SYNOPSIS

Ages at Entry					30-39					40-49					Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %			
1	1656	7	5.64	124	1468	6	5.69	103	631	3	3.35	90	1		
2	1205	5	5.48	91	1098	6	5.46	110	481	1	3.49	29	2		
3	1048	6	4.87	123	970	13	4.96	262	428	5	3.35	149	3		
4	901	5	4.28	117	851	5	4.30	111	372	4	3.16	127	4		
5	769	5	3.72	134	754	6	4.14	145	352	3	3.03	99	5		
1-5	5579	28	23.99	117	5141	36	24.73	145	2246	16	16.38	98	1-5		
6-7	1260	8	6.17	130	1238	2	7.18	28	554	6	5.58	108	6-7		
8-10	1375	7	6.90	101	1341	11	8.67	127	608	9	7.38	127	8-10		
11-15	1050	9	5.62	160	1138	7	9.06	77	489	5	8.17	61	11-15		
16-24	450	1	3.10	32	492	5	5.91	85	200	3	3.37	95	16-24		
1-24	9714	53	45.78	116	9350	61	55.57	110	4093	41	42.88	96	1-24		

Ages at Entry					50-59				60 and over				All Ages at Entry				Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	194	2	2.15	93	22	..	.52	..	3971	18	17.35	104	1				
2	155	2	2.30	87	15	1	.47	213	2954	15	17.20	87	2				
3	135	3	2.29	131	11	1	.40	250	2592	28	15.87	176	3				
4	122	3	2.26	135	5	..	.19	..	2251	17	14.39	110	4				
5	115	3	2.30	130	5	..	.21	..	1973	17	13.40	127	5				
1-5	719	13	11.30	115	58	2	1.79	112	13741	95	78.21	121	1-5				
6-7	190	5	4.45	112	9	..	.43	..	3251	21	23.81	88	6-7				
8-10	202	9	5.91	152	10	1	.58	172	3536	37	29.44	126	8-10				
11-15	111	6	4.68	128	5	..	.39	..	2793	27	27.92	97	11-15				
16-24	32	2	1.72	116	..	..	..	..	1174	15	16.16	81	16-24				
1-24	1254	35	28.06	125	82	3	3.19	94	24495	195	175.48	110	1-24				

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pneumonia and Bacterial Fever.

TABLE III (Continued)
38—F. G. H.—MALARIAL FEVER: TWO OR MORE ATTACKS, THE LAST MORE THAN TWO YEARS PRIOR TO APPLICATION
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry 15-19				20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	51	..	.16	495	1	1.63	1047	5	3.66	1153	1	4.27	1
2	35	..	.15	354	2	1.59	741	3	3.41	839	2	4.03	2
3	32	..	.14	301	..	1.38	658	..	3.09	749	2	3.67	3
4	26	..	.12	253	1	1.19	587	4	2.82	665	5	3.32	4
5	20	..	.09	217	1	1.04	510	1	2.50	574	3	2.98	5
6	15	..	.07	190	4	.91	453	2	2.22	508	4	2.69	6
7	8	..	.04	158	2	.77	401	4	2.01	446	2	2.41	7
8	7	..	.03	126	..	.62	338	3	1.69	389	2	2.14	8
9	6	..	.03	111	..	.54	295	..	1.50	338	1	1.93	9
10	3	..	.01	100	..	.49	260	1	1.33	305	3	1.80	10
11	2	..	.01	77	..	.39	218	2	1.16	259	..	1.61	11
12	2	..	.01	62	..	.31	183	..	.99	220	1	1.45	12
13	2	..	.01	50	1	.26	151	..	.83	175	2	1.23	13
14	2	..	.01	42	..	.22	128	..	.73	149	1	1.12	14
15	2	..	.01	38	..	.20	107	1	.63	121	1	.97	15
16	1	..	.01	26	..	.14	86	..	.53	92	1	.78	16
17	1	..	.01	25	..	.14	69	..	.46	76	2	.69	17
18	1	..	.01	19	..	.11	59	..	.41	65	..	.64	18
19	1	..	.01	17	1	.10	48	..	.36	52	1	.55	19
20	1	..	.01	12	1	.07	40	1	.32	40	..	.46	20
21	1	..	.01	6	..	.04	27	..	.23	17	..	.21	21
22	..	..	..	6	..	.04	24	2	.22	16	..	.14	22
23	..	..	..	6	..	.04	13	1	.13	7	..	.10	23
24	..	..	..	2	..	.02	9	..	.10	5	..	.08	24
1-5	164	..	.66	1620	5	6.83	3543	13	15.48	3978	13	18.27	1-5
6-24	55	..	.29	1073	9	5.41	2909	17	15.87	3274	21	21.00	6-24

Ages at Entry 35-39				40-44			45-49			50-55			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	1011	2	4.15	788	3	3.70	475	3	3.07	251	..	2.28	1
2	730	4	3.80	575	2	3.68	349	2	3.07	172	..	2.15	2
3	663	5	3.58	505	3	3.48	311	1	2.95	154	2	2.13	3
4	588	1	3.35	448	2	3.36	268	3	2.79	132	4	1.98	4
5	516	4	3.04	388	1	3.10	232	4	2.62	113	2	1.84	5
6	454	1	2.81	338	..	2.87	201	1	2.45	100	1	1.75	6
7	404	2	2.67	297	1	2.70	176	5	2.32	88	2	1.67	7
8	363	3	2.54	267	3	2.62	147	..	2.10	73	3	1.50	8
9	322	1	2.42	232	1	2.46	131	1	2.02	61	1	1.37	9
10	287	2	2.30	205	4	2.36	109	2	1.82	53	2	1.31	10
11	232	..	1.97	162	3	2.03	87	2	1.57	39	1	1.06	11
12	195	2	1.77	127	1	1.71	74	1	1.45	27	1	.81	12
13	157	2	1.54	104	3	1.52	65	2	1.39	25	2	.83	13
14	124	1	1.31	83	2	1.31	58	1	1.36	21	..	.77	14
15	109	..	1.25	71	2	1.21	49	3	1.26	17	1	.68	15
16	78	..	.98	52	1	.96	29	1	.87	10	..	.44	16
17	62	1	.84	45	..	.90	25	..	.78	8	..	.39	17
18	52	..	.76	35	..	.77	18	..	.62	6	..	.32	18
19	45	2	.71	24	..	.58	13	..	.49	6	1	.35	19
20	35	1	.60	14	..	.37	11	..	.46	3	..	.19	20
21	21	..	.39	7	..	.20	9	..	.41	3	..	.21	21
22	19	..	.38	7	..	.22	8	2	.40	3	..	.22	22
23	12	..	.26	6	..	.21	5	2	.28	3	..	.24	23
24	8	..	.19	1	..	.04	2	..	.12	2	..	.17	24
1-5	3508	16	17.92	2704	13	17.32	1639	13	14.50	822	8	10.38	1-5
6-24	2979	18	25.69	2037	21	25.04	1217	23	22.12	548	15	14.28	6-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—F. G. H. MALARIAL FEVER,* TWO OR MORE ATTACKS, THE LAST MORE THAN TWO YEARS PRIOR TO DATE OF APPLICATION
 ALBERTA, CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				55-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years		
1	99	..	1.71	73	1	1.17	40	1	.82	17	..	.47	1		
2	68	2	1.07	57	2	1.16	25	..	.69	11	..	.44	2		
3	61	..	1.12	50	..	1.20	23	..	.74	10	..	.47	3		
4	54	..	1.09	47	2	1.24	21	1	.74	10	1	.52	4		
5	44	..	.96	43	1	1.25	17	2	.66	9	1	.51	5		
6	41	..	.98	37	3	1.19	15	..	.64	8	1	.50	6		
7	37	1	.98	32	..	1.13	15	2	.71	7	..	.49	7		
8	34	..	.99	30	1	1.17	12	1	.67	7	..	.51	8		
9	30	2	.96	24	..	1.03	11	..	.67	7	1	.56	9		
10	24	..	.85	20	1	.94	9	..	.56	6	1	.49	10		
11	19	2	.74	17	2	.67	6	2	.40	4	1	.36	11		
12	16	1	.69	9	..	.51	2	1	.14	3	..	.30	12		
13	14	1	.66	8	..	.49	..	..	..	2	..	.23	13		
14	12	..	.62	7	..	.47	..	..	..	2	..	.25	14		
15	9	..	.51	7	..	.51	..	..	..	2	1	.27	15		
16	5	..	.51	3	..	.23	..	..	..	1	..	.13	16		
17	4	..	.27	3	1	.25	..	..	..	1	..	.14	17		
18	4	..	.29	2	..	.18	..	..	..	1	..	.15	18		
19	4	1	.51	2	..	.20	..	..	..	1	..	.16	19		
20	2	1	.17	2	1	.22	..	..	..	1	..	.17	20		
21	..	..	..	1	..	.12	..	..	..	..	..	..	21		
22	..	..	..	1	..	.13	..	..	..	..	..	..	22		
23	..	..	..	1	..	.14	..	..	..	..	..	..	23		
24	..	..	..	1	..	.15	..	..	..	..	..	..	24		
1-5	326	2	5.45	270	6	6.02	126	4	3.65	57	2	2.41	1-5		
6-24	255	9	9.33	202	9	9.68	70	6	3.69	53	5	4.71	6-24		

SYNOPSIS

Ages at Entry					30-39				40-49					Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %		
1	1593	6	5.43	110	2164	3	8.42	36	1267	6	6.77	89	1	
2	1130	5	5.15	97	1569	6	7.83	77	924	4	6.75	29	2	
3	991	..	4.61	..	1412	7	7.25	97	816	6	6.43	93	3	
4	866	5	4.13	121	1251	6	6.67	90	716	5	6.15	81	4	
5	747	2	3.63	55	1090	7	6.02	116	620	5	5.72	87	5	
1-5	5377	18	22.97	78	7486	29	36.19	80	4343	26	31.82	87	1-5	
6-7	1225	12	6.02	199	1812	9	10.58	85	1012	7	10.34	68	6-7	
8-10	1246	4	6.26	64	2004	12	13.15	91	1091	11	13.38	82	8-10	
11-15	1066	4	5.77	69	1741	10	14.22	70	880	20	14.81	135	11-15	
16-24	500	6	3.52	170	696	8	8.76	91	311	6	8.63	70	16-24	
1-24	9364	44	44.54	99	15739	68	82.88	87	7637	70	78.98	89	1-24	

Ages at Entry				50-59				60 and over				All Ages at Entry				Insur- ance Years	
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths		Ratio %
1	423	1	4.66	21	57	1	1.29	78	5504	17	26.59	64	1	1	1	1	1-5
2	297	4	4.38	91	36	..	1.13	..	3956	19	25.24	75	2	2	2	2	6-7
3	265	2	4.45	45	33	..	1.21	..	3517	13	23.95	63	3	3	3	3	8-10
4	233	6	4.31	139	31	2	1.26	159	3097	24	27.52	107	4	4	4	4	11-15
5	200	3	4.05	74	26	3	1.17	256	2683	20	20.59	97	5	5	5	5	16-24
1-5	1418	16	21.85	73	183	6	6.66	99	18757	95	118.89	80	1-5	1	1	1	1-5
6-7	335	7	7.70	91	45	3	2.34	128	4429	38	36.98	103	6-7	2	2	2	6-7
8-10	349	10	10.12	99	52	3	3.36	89	4742	40	46.25	86	8-10	3	3	3	8-10
11-15	242	11	9.97	110	21	5	1.95	256	3950	50	46.72	107	11-15	4	4	4	11-15
16-24	79	5	5.56	91	5	..	.75	..	1591	25	27.16	92	16-24	5	5	5	16-24
1-24	2428	49	55.14	89	306	17	14.46	118	33469	248	276.00	90	1-24	1	1	1	1-24

*Including malarial fever and fever, fever and ague and typhoid fever, but excluding Parvovirus and Dengue fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1885 TO 1899, INCLUSIVE
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry 15-19				20-24			25-29			30-34			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	484	2	1.30	3948	12	13.03	5308	19	18.58	4262	13	15.77	1
2	338	4	1.45	2739	29	12.33	3801	22	17.48	3155	22	15.14	2
3	306	..	1.38	2438	18	11.21	3414	29	16.05	2828	20	13.86	3
4	288	2	1.32	2216	13	10.42	3104	14	14.90	2611	13	13.06	4
5	267	1	1.23	2071	15	9.94	2920	13	14.31	2472	13	12.85	5
6	255	2	1.20	1945	10	9.34	2777	20	13.61	2346	19	12.43	6
7	243	1	1.14	1832	8	9.07	2669	14	13.35	2254	8	12.17	7
8	231	1	1.09	1784	7	8.74	2583	11	12.92	2202	8	12.11	8
9	225	2	1.08	1730	4	8.48	2523	8	12.87	2150	12	12.26	9
10	215	..	1.03	1689	5	8.28	2480	10	12.90	2101	6	12.40	10
11	187	..	.75	1331	8	6.66	2020	8	10.71	1727	14	10.71	11
12	124	..	.61	1138	5	5.69	1719	10	9.28	1478	9	9.75	12
13	89	1	.44	961	3	4.90	1473	10	8.10	1267	9	8.87	13
14	73	1	.36	823	3	4.28	1298	11	7.40	1143	13	8.57	14
15	62	..	.30	701	3	3.72	1144	5	6.75	1027	10	8.22	15
16	46	..	.23	566	..	3.06	946	4	5.87	818	8	6.95	16
17	38	..	.19	451	3	2.48	779	8	5.14	681	7	6.20	17
18	27	..	.14	375	1	2.10	663	3	4.64	563	4	5.52	18
19	23	..	.12	288	2	1.67	530	1	3.98	459	3	4.87	19
20	17	..	.09	227	..	1.38	402	3	3.27	366	5	4.21	20
21	5	..	.03	93	..	.60	166	1	1.41	159	1	1.99	21
22	5	..	.03	51	..	.35	91	..	.83	113	1	1.53	22
23	4	..	.02	25	..	.18	60	1	.59	58	1	.85	23
24	2	..	.01	14	..	.11	35	..	.37	20	..	.32	24
1-5	1683	9	6.88	13412	87	56.93	18347	97	81.32	15328	83	70.68	1-5
6-24	1841	8	8.86	16044	62	81.09	24338	178	133.94	20932	138	139.93	6-24

Ages at Entry 35-39				40-44			45-49			50-55			Insur- ance Years
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	2998	16	12.29	1729	6	8.13	852	6	5.45	354	3	3.22	1
2	2240	14	11.65	1286	7	8.23	647	9	5.69	268	4	3.35	2
3	2017	17	10.89	1177	13	8.12	577	7	5.48	245	5	3.38	3
4	1867	8	10.64	1089	4	8.10	530	4	5.51	218	4	3.27	4
5	1766	9	10.42	1023	7	8.18	502	9	5.67	205	4	3.34	5
6	1687	13	10.46	972	3	8.26	472	8	5.76	196	4	3.43	6
7	1602	13	10.57	934	13	8.50	452	11	5.97	183	3	3.48	7
8	1547	9	10.83	895	13	8.77	431	8	6.16	179	6	3.69	8
9	1508	13	11.31	861	12	9.13	408	7	6.28	170	5	3.83	9
10	1469	17	11.75	840	12	9.66	394	8	6.58	161	5	3.98	10
11	1217	17	10.34	680	7	8.50	301	4	5.45	126	3	3.43	11
12	1044	8	9.50	559	5	7.55	248	3	4.86	104	2	3.12	12
13	897	9	8.79	477	9	6.96	203	8	4.34	85	4	2.81	13
14	785	6	8.32	411	6	6.49	175	7	4.10	77	6	2.81	14
15	686	5	7.89	359	2	6.14	149	6	3.83	65	..	2.61	15
16	551	13	6.89	265	1	4.90	95	4	2.69	48	..	2.12	16
17	461	8	6.22	217	3	4.36	72	2	2.25	40	..	1.94	17
18	389	6	5.68	183	7	4.01	61	2	2.10	35	..	1.86	18
19	322	5	5.09	150	7	3.69	55	2	2.08	28	2	1.63	19
20	252	2	4.31	111	4	2.93	45	3	1.88	24	..	1.52	20
21	115	3	2.13	56	1	1.63	29	..	1.33	20	2	1.37	21
22	66	2	1.33	25	3	.80	19	..	.96	12	..	.89	22
23	41	1	.90	11	..	.39	5	..	.28	9	3	.72	23
24	15	..	.36	5	..	.20	..	..	..	1	..	.09	24
1-5	10888	64	55.89	6293	37	40.76	3108	35	27.80	1290	20	16.56	1-5
6-24	14654	140	132.67	8011	108	107.78	3614	83	66.90	1563	45	45.33	6-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
58-A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1885 TO 1899, INCLUSIVE
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				54-56				57-59				60-62				63 and over			
Immune- ness Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	165	2	2.01	106	3	1.70	49	1	1.00	38	1	1.07	1	1.07	1	1	1.07	1	1
2	132	2	2.09	84	3	1.71	36	1	.99	29	2	1.18	2	1.18	2	2	1.18	2	2
3	120	2	2.20	73	4	1.75	32	1	1.03	26	1	1.24	3	1.24	3	3	1.24	3	3
4	110	2	2.21	65	1	1.72	30	1	1.06	26	2	1.36	4	1.36	4	4	1.36	4	4
5	102	2	2.25	61	5	1.78	30	1	1.17	23	2	1.33	5	1.33	5	5	1.33	5	5
6	96	1	2.30	54	2	1.73	29	1	1.24	19	1	1.23	6	1.23	6	6	1.23	6	6
7	93	3	2.46	51	1	1.81	28	1	1.32	18	1	1.26	7	1.26	7	7	1.26	7	7
8	85	2	2.47	48	3	1.87	28	1	1.44	16	3	1.23	8	1.23	8	8	1.23	8	8
9	81	3	2.60	45	1	1.93	27	1	1.53	13	2	1.10	9	1.10	9	9	1.10	9	9
10	75	2	2.66	44	3	2.07	27	1	1.67	10	2	.87	10	.87	10	10	.87	10	10
11	56	3	2.18	28	1	1.44	20	1	1.34	6	1	.53	11	.53	11	11	.53	11	11
12	43	2	1.84	25	3	1.36	16	1	1.16	4	1	.46	12	.46	12	12	.46	12	12
13	37	3	1.74	19	3	1.17	14	1	1.10	4	1	.43	13	.43	13	13	.43	13	13
14	30	1	1.55	14	2	.94	10	1	.85	4	1	.46	14	.46	14	14	.46	14	14
15	25	1	1.42	11	1	.80	10	1	.92	3	1	.35	15	.35	15	15	.35	15	15
16	15	1	.93	8	1	.63	9	1	.90	2	1	.25	16	.25	16	16	.25	16	16
17	13	1	.87	6	1	.51	8	3	.86	1	1	.14	17	.14	17	17	.14	17	17
18	11	1	.80	5	1	.46	5	2	.58	1	1	.15	18	.15	18	18	.15	18	18
19	8	1	.63	5	1	.50	3	1	.88	1	1	.16	19	.16	19	19	.16	19	19
20	6	1	.51	4	1	.43	1	1	.14	1	1	.20	20	.20	20	20	.20	20	20
21	4	1	.37	4	1	.47	1	1	.15	1	1	.21	21	.21	21	21	.21	21	21
22	4	1	.40	2	1	.25	1	1	1	1	1	.22	22	.22	22	22	.22	22	22
23	1	1	.11	1	1	.14	1	1	1	1	1	.23	23	.23	23	23	.23	23	23
24	1	1	1	1	1	.13	1	1	1	1	1	.24	24	.24	24	24	.24	24	24
1-5	629	10	10.74	389	16	8.66	177	2	5.25	142	7	6.18	1-5	6.18	1-5	1-5	6.18	1-5	1-5
6-24	683	21	75.84	375	18	18.60	236	9	15.58	102	14	8.56	6-24	8.56	6-24	6-24	8.56	6-24	6-24

CIVILIZATION

Ages at Entry					15-29				30-39				40-49				50 and over			
Immune- ness Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	9740	33	33.11	100	7260	29	28.06	103	2581	12	13.58	88	1	1	1	1	1	1	1	
2	6878	55	31.26	176	5395	36	26.79	134	1933	16	13.97	113	2	2	2	2	2	2	2	
3	6158	47	28.64	164	4845	37	24.75	149	1754	20	13.60	147	3	3	3	3	3	3	3	
4	5608	29	26.64	109	4478	23	23.20	97	1610	8	13.61	89	4	4	4	4	4	4	4	
5	5258	29	25.48	114	4238	22	23.27	95	1525	16	13.85	116	5	5	5	5	5	5	5	
1-5	33642	193	145.13	135	26216	147	126.57	116	9403	72	68.56	105	1-5	68.56	1-5	1-5	68.56	1-5	1-5	
6-7	9741	55	47.71	115	7889	53	45.63	116	2830	35	28.49	125	6-7	28.49	6-7	6-7	28.49	6-7	6-7	
8-10	13460	48	67.39	71	10977	60	70.66	85	3829	60	46.58	129	8-10	46.58	8-10	8-10	46.58	8-10	8-10	
11-15	13113	68	69.92	97	11271	95	90.96	104	3562	57	58.22	98	11-15	58.22	11-15	11-15	58.22	11-15	11-15	
16-24	5929	27	38.84	70	5449	70	65.35	107	1404	39	36.39	107	16-24	36.39	16-24	16-24	36.39	16-24	16-24	
1-24	75883	391	369.02	106	61802	425	399.17	106	21028	263	238.24	110	1-24	238.24	1-24	1-24	238.24	1-24	1-24	

Ages at Entry					30-39				60 and over				All Ages at Entry				Immune- ness Years			
Immune- ness Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	625	8	6.93	115	87	1	2.07	48	20293	83	83.73	99	1	1	1	1	1	1	1	
2	484	9	7.15	126	65	3	2.17	138	14755	119	81.29	146	2	2	2	2	2	2	2	
3	438	11	7.33	150	58	1	2.27	11	13253	115	76.59	150	3	3	3	3	3	3	3	
4	393	7	7.20	97	56	2	2.42	83	12145	69	73.57	94	4	4	4	4	4	4	4	
5	368	11	7.35	150	53	3	2.50	120	11447	81	72.45	112	5	5	5	5	5	5	5	
1-5	2508	46	35.96	128	319	9	11.45	79	71888	467	387.65	120	1-5	387.65	1-5	1-5	387.65	1-5	1-5	
6-7	673	13	15.21	85	94	2	5.05	40	21227	158	142.09	111	6-7	142.09	6-7	6-7	142.09	6-7	6-7	
8-10	888	29	25.10	116	121	8	7.88	107	29275	205	217.57	94	8-10	217.57	8-10	8-10	217.57	8-10	8-10	
11-15	743	32	29.16	110	91	5	7.54	66	28780	257	253.83	100	11-15	253.83	11-15	11-15	253.83	11-15	11-15	
16-24	315	10	20.30	49	37	8	3.71	216	13129	154	164.59	94	16-24	164.59	16-24	16-24	164.59	16-24	16-24	
1-24	4927	136	125.73	103	657	32	35.57	90	164299	1241	1167.75	106	1-24	1167.75	1-24	1-24	1167.75	1-24	1-24	

*Including ordinary Chills and Fever, Fever and Ague and In-
 termittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER;* ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1900 TO 1908, INCLUSIVE
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Ages at Entry				15-19			20-24			25-29			30-34			Insure- ance Years
Insure- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	1067	2	3.31	4869	16	16.07	5105	18	17.87	3954	14	14.63	1			1
2	735	5	3.16	3120	13	14.04	3582	11	15.56	2726	12	13.08	2			2
3	608	4	2.74	2546	7	11.71	2818	15	13.24	2281	8	11.18	3			3
4	497	2	2.29	2099	8	9.87	2387	12	11.46	1925	8	9.63	4			4
5	393	3	1.81	1650	6	7.92	1925	7	9.43	1578	5	8.21	5			5
6	290	..	1.36	1276	5	5.88	1476	4	7.23	1193	3	6.32	6			6
7	190	2	.89	821	3	4.07	1065	4	5.33	851	7	4.60	7			7
8	106	1	.50	531	2	2.60	691	7	3.46	539	6	2.96	8			8
9	48	..	.23	278	..	1.36	374	2	1.91	268	2	1.53	9			9
10	..	..	..	..	..	..	..	..	..	..	..	..	10			10
11	..	..	..	..	..	..	..	..	..	..	..	..	11			11
12	..	..	..	..	..	..	..	..	..	..	..	..	12			12
13	..	..	..	..	..	..	..	..	..	..	..	..	13			13
14	..	..	..	..	..	..	..	..	..	..	..	..	14			14
15	..	..	..	..	..	..	..	..	..	..	..	..	15			15
16	..	..	..	..	..	..	..	..	..	..	..	..	16			16
17	..	..	..	..	..	..	..	..	..	..	..	..	17			17
18	..	..	..	..	..	..	..	..	..	..	..	..	18			18
19	..	..	..	..	..	..	..	..	..	..	..	..	19			19
20	..	..	..	..	..	..	..	..	..	..	..	..	20			20
21	..	..	..	..	..	..	..	..	..	..	..	..	21			21
22	..	..	..	..	..	..	..	..	..	..	..	..	22			22
23	..	..	..	..	..	..	..	..	..	..	..	..	23			23
24	..	..	..	..	..	..	..	..	..	..	..	..	24			24
1-5	3300	16	13.31	14784	50	59.61	15617	63	67.56	12464	47	56.73	1-5			1-5
6-9	634	3	2.98	2856	10	13.86	3696	17	17.93	2851	18	15.41	6-9			6-9

Ages at Entry				35-39			40-44			45-49			50-53			Insure- ance Years
Insure- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	2670	11	10.95	1604	11	7.54	906	11	5.80	425	7	3.87	1			1
2	1866	10	9.70	1085	4	6.94	626	6	5.51	310	6	3.88	2			2
3	1589	11	8.58	914	5	6.31	508	5	4.83	259	5	3.57	3			3
4	1352	8	7.71	757	6	5.68	413	6	4.30	211	5	3.17	4			4
5	1089	8	6.45	611	6	4.89	337	7	3.81	170	1	2.77	5			5
6	817	7	5.07	453	7	3.85	260	2	3.17	131	1	2.29	6			6
7	577	4	3.81	329	2	2.99	189	5	2.49	91	4	1.73	7			7
8	346	3	2.42	201	..	1.97	110	..	1.57	50	3	1.03	8			8
9	174	..	1.31	90	..	.95	60	1	.92	25	..	.56	9			9
10	..	..	..	..	..	..	..	..	..	..	..	..	10			10
11	..	..	..	..	..	..	..	..	..	..	..	..	11			11
12	..	..	..	..	..	..	..	..	..	..	..	..	12			12
13	..	..	..	..	..	..	..	..	..	..	..	..	13			13
14	..	..	..	..	..	..	..	..	..	..	..	..	14			14
15	..	..	..	..	..	..	..	..	..	..	..	..	15			15
16	..	..	..	..	..	..	..	..	..	..	..	..	16			16
17	..	..	..	..	..	..	..	..	..	..	..	..	17			17
18	..	..	..	..	..	..	..	..	..	..	..	..	18			18
19	..	..	..	..	..	..	..	..	..	..	..	..	19			19
20	..	..	..	..	..	..	..	..	..	..	..	..	20			20
21	..	..	..	..	..	..	..	..	..	..	..	..	21			21
22	..	..	..	..	..	..	..	..	..	..	..	..	22			22
23	..	..	..	..	..	..	..	..	..	..	..	..	23			23
24	..	..	..	..	..	..	..	..	..	..	..	..	24			24
1-5	8566	48	43.37	4971	32	31.36	2790	35	24.25	1373	24	17.26	1-5			1-5
6-9	1914	14	12.61	1073	9	9.76	619	8	8.15	297	8	5.61	6-9			6-9

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38-A. MALARIAL FEVER;* ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1900 TO 1908, INCLUSIVE
HABITAT: CANADA AND UNITED STATES, EXCLUDING SEVEN SOUTHERN STATES

Age at Entry				24-28			29-34			35-42			43 and over			Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	193	4	2.33	79	2	1.26	52	..	1.07	27	..	..	73	1	..	1
2	141	4	2.23	58	..	1.18	38	1	1.05	22	1	..	86	2	..	2
3	107	2	1.96	50	1	1.20	32	..	1.03	15	1	..	73	3	..	3
4	86	3	1.73	44	3	1.16	23	2	.81	12	..	..	66	4	..	4
5	67	2	1.47	31	2	.90	19	1	.74	11	..	..	66	5	..	5
6	48	..	1.15	20	1	.64	13	1	.56	11	..	..	72	6	..	6
7	32	..	.84	17	..	.60	10	..	.47	8	1	..	58	7	..	7
8	22	..	.64	11	..	.43	6	..	.31	4	..	..	34	8	..	8
9	12	..	.39	7	..	.30	2	..	.11	2	1	..	20	9	..	9
10	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	..	11	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	..	13	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24
1-5	594	15	9.74	262	8	5.70	164	4	4.70	87	2	3.64	1-5	..	..	1-5
6-9	114	..	3.02	55	1	1.97	31	1	1.45	25	2	1.84	6-9	..	..	6-9

SYNOPSIS

Age at Entry					29-34				35-42				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	11041	36	33.25	97	6624	25	25.56	96	2510	21	18.54	163	1
2	7237	29	32.56	86	4592	22	32.55	97	3711	10	12.43	85	2
3	3972	36	27.69	94	3870	19	19.76	90	1422	10	11.34	96	3
4	4983	22	23.67	93	3277	16	17.34	92	3176	12	9.86	126	4
5	3968	16	19.16	84	2667	13	14.84	89	2467	12	8.70	149	5
1-5	33201	129	146.45	92	21030	90	106.36	99	17761	67	33.61	120	1-5
6-7	5068	18	24.71	73	3438	21	19.80	104	1231	10	12.60	128	6-7
8-9	2028	17	10.06	119	1327	11	6.22	134	461	1	5.41	18	8-9
1-9	40297	159	179.26	97	25795	127	126.12	96	19453	88	73.52	156	1-9

Age at Entry					43 and over				All Age at Entry				Immune Years
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	
1	697	13	7.43	174	79	2	1.86	..	38931	95	85.45	112	1
2	3090	10	7.29	137	64	2	1.61	105	14109	73	77.19	90	2
3	426	8	6.73	119	45	1	1.24	57	11737	64	67.08	93	3
4	341	11	6.96	182	35	2	1.47	136	9806	63	58.47	106	4
5	258	3	5.14	97	30	1	1.49	71	7891	43	49.04	90	5
1-5	2721	67	32.70	144	234	6	8.54	72	64774	344	337.23	102	1-5
6-7	339	6	7.25	83	42	2	2.33	86	19118	63	66.59	93	6-7
8-9	127	3	3.33	90	16	1	.96	104	2937	28	28.00	100	8-9
1-9	3397	86	49.38	129	307	9	11.63	77	78349	435	431.82	101	1-9

*Including ordinary Chills and Fever, Fever and Ague and Insanitary Fever, but excluding Pernicious and Relapsant Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: * ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1885 TO 1899, INCLUSIVE
HABITAT: GULF, DELTA AND SEACOAST COUNTIES OF SEVEN SOUTHERN STATES

Ages at Entry				15-19			20-24			25-29			30-34			Insu- ance Years
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	40	..	.12	361	3	1.19	520	4	1.82	417	4	1.54	1	1.34	1	1
2	30	..	.13	245	1	1.10	353	3	1.62	284	1	1.36	2	1.36	2	2
3	29	..	.13	217	1	1.00	308	..	1.45	257	5	1.26	3	1.26	3	3
4	26	..	.12	193	..	.91	280	2	1.34	233	..	1.17	4	1.17	4	4
5	26	..	.12	180	2	.86	260	3	1.27	217	2	1.13	5	1.13	5	5
6	24	..	.11	172	1	.83	242	1	1.19	203	1	1.08	6	1.08	6	6
7	22	..	.10	162	1	.79	228	2	1.14	197	1	1.06	7	1.06	7	7
8	22	..	.10	155	..	.76	220	1	1.10	190	7	1.05	8	1.05	8	8
9	20	..	.10	151	1	.74	219	2	1.12	179	2	1.02	9	1.02	9	9
10	19	..	.09	143	1	.70	214	1	1.11	175	1	1.03	10	1.03	10	10
11	14	..	.07	102	..	.51	158	2	.84	144	1	.89	11	.89	11	11
12	11	..	.05	83	1	.42	135	..	.73	120	2	.79	12	.79	12	12
13	8	..	.04	62	..	.32	115	..	.63	101	2	.71	13	.71	13	13
14	4	..	.02	50	..	.26	91	1	.52	88	2	.66	14	.66	14	14
15	4	..	.02	43	1	.23	78	4	.46	73	2	.60	15	.60	15	15
16	1	..	.01	31	..	.17	37	..	.35	61	..	.52	16	.52	16	16
17	1	..	.01	19	..	.10	47	1	.31	47	..	.43	17	.43	17	17
18	..	..	..	16	..	.09	37	..	.26	33	1	.34	18	.34	18	18
19	..	..	..	12	..	.07	31	..	.23	29	1	.31	19	.31	19	19
20	..	..	..	8	..	.05	27	..	.22	21	1	.24	20	.24	20	20
21	..	..	..	3	..	.02	9	..	.08	9	..	.11	21	.11	21	21
22	..	..	..	3	..	.02	3	..	.03	7	..	.09	22	.09	22	22
23	..	..	..	1	..	.01	1	..	.01	1	..	.01	23	.01	23	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	24	24
1-5	151	..	.62	1196	7	5.06	1721	12	7.50	1408	12	6.46	1-5	6.46	1-5	1-5
6-24	150	..	.72	1216	6	6.09	1912	15	10.33	1687	25	10.94	6-24	10.94	6-24	6-24

Ages at Entry				35-39			40-44			45-49			50-53			Insu- ance Years
Insu- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	
1	287	..	1.18	164	2	.77	98	1	.63	37	..	.54	1	..	.54	1
2	190	4	.99	109	1	.70	69	..	.61	23	..	.29	2	..	.29	2
3	170	..	.92	92	2	.63	61	1	.58	22	..	.30	3	..	.30	3
4	153	2	.87	78	3	.59	49	2	.51	22	1	.33	4	..	.33	4
5	145	..	.86	68	1	.54	46	1	.52	20	..	.33	5	..	.33	5
6	139	1	.86	61	1	.52	37	..	.45	18	5	.32	6	..	.32	6
7	131	..	.86	37	..	.52	37	..	.49	13	..	.25	7	..	.25	7
8	130	2	.91	35	1	.54	35	1	.50	13	..	.27	8	..	.27	8
9	124	2	.93	30	..	.53	34	..	.52	13	..	.29	9	..	.29	9
10	121	3	.97	30	..	.58	33	..	.55	13	2	.32	10	..	.32	10
11	88	2	.75	37	..	.46	26	2	.47	9	1	.24	11	..	.24	11
12	69	2	.63	31	1	.42	16	..	.31	7	..	.21	12	..	.21	12
13	53	1	.52	27	..	.39	11	1	.24	5	..	.17	13	..	.17	13
14	46	2	.49	19	..	.30	7	..	.16	5	..	.18	14	..	.18	14
15	33	1	.38	16	..	.27	7	..	.18	4	..	.16	15	..	.16	15
16	26	2	.33	11	1	.20	7	..	.20	3	..	.13	16	..	.13	16
17	19	..	.26	10	..	.20	5	..	.16	3	..	.13	17	..	.13	17
18	12	1	.18	9	..	.20	5	..	.17	3	..	.16	18	..	.16	18
19	8	..	.13	6	..	.14	4	..	.15	3	..	.17	19	..	.17	19
20	7	..	.12	6	..	.16	4	..	.17	3	..	.19	20	..	.19	20
21	4	..	.07	..	..	..	3	..	.14	..	..	.21	21	..	.21	21
22	3	..	.06	..	..	..	2	..	.10	..	..	.22	22	..	.22	22
23	2	..	.04	..	..	..	1	..	.06	..	..	.23	23	..	.23	23
24	..	..	..	..	..	..	1	..	.06	..	..	.24	24	..	.24	24
1-5	945	6	4.82	511	9	3.23	323	5	2.85	124	1	1.59	1-5	1.59	1-5	1-5
6-24	1015	19	8.49	445	4	5.43	275	4	5.08	115	8	3.21	6-24	3.21	6-24	6-24

*Including ordinary Chills and Fever, Fever and Ague and Inter-
 mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1885 TO 1899, INCLUSIVE
HABITAT: GULF, DELTA AND SEACOAST COUNTIES OF SEVEN SOUTHERN STATES

Age at Entry				25-29				40-49				65 and over			
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Immense Years
1	15	..	.18	9	..	.14	6	..	.12	..	..	..	..	..	1
2	10	..	.16	7	..	.14	5	..	.14	..	..	..	..	..	2
3	9	..	.16	7	..	.17	5	..	.16	..	..	..	..	..	3
4	9	..	.18	5	1	.12	5	..	.18	..	..	..	..	..	4
5	9	..	.20	4	..	.12	5	..	.20	..	..	..	..	..	5
6	8	..	.19	4	1	.13	5	1	.21	..	..	..	..	..	6
7	8	1	.21	3	..	.11	4	..	.19	..	..	..	..	..	7
8	7	..	.20	3	1	.12	4	..	.21	..	..	..	..	..	8
9	7	..	.22	2	..	.09	4	..	.23	..	..	..	..	..	9
10	7	..	.25	2	..	.09	4	..	.25	..	..	..	..	..	10
11	5	1	.20	2	..	.10	2	..	.13	..	..	..	..	..	11
12	3	..	.13	1	..	.06	2	..	.14	..	..	..	..	..	12
13	3	..	.14	1	..	.06	2	..	.16	..	..	..	..	..	13
14	3	..	.15	..	..	..	2	1	.17	..	..	..	..	..	14
15	3	..	.17	..	..	..	..	..	..	..	..	..	..	..	15
16	3	1	.19	..	..	..	..	..	..	..	..	..	..	..	16
17	2	..	.13	..	..	..	..	..	..	..	..	..	..	..	17
18	1	..	.07	..	..	..	..	..	..	..	..	..	..	..	18
19	1	..	.08	..	..	..	..	..	..	..	..	..	..	..	19
20	1	..	.08	..	..	..	..	..	..	..	..	..	..	..	20
21	1	..	.09	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	52	..	.88	32	1	.70	26	..	.80	..	..	..	..	..	1-5
6-24	63	3	2.50	18	2	.76	29	2	1.69	..	..	..	..	..	6-24

SYNOPSIS

Age at Entry					30-39				40-49				
Immense Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immense Years
1	921	7	3.13	224	704	4	2.72	147	262	3	1.40	214	1
2	628	4	2.83	140	474	5	2.35	213	178	1	1.31	76	2
3	554	1	2.58	39	427	5	2.18	229	153	3	1.21	248	3
4	499	2	2.37	84	386	2	2.04	98	127	5	1.10	455	4
5	466	5	2.25	222	362	2	1.99	101	114	2	1.06	189	5
1-5	3068	19	13.18	144	2353	18	11.28	160	834	14	6.08	230	1-5
6-7	850	5	4.16	120	670	3	3.86	78	192	1	1.98	51	6-7
8-10	1163	6	5.82	103	919	17	5.91	288	257	2	3.22	62	8-10
11-15	938	9	5.12	176	817	17	6.42	265	197	4	3.20	128	11-15
16-24	307	1	2.04	49	291	7	3.24	216	74	1	2.11	47	16-24
1-24	6346	40	30.37	132	5050	62	30.71	202	1554	22	16.59	133	1-24

Ages at Entry					60 and over				All Ages at Entry				
Immersion Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immersion Years
1	61	..	.66	..	6	..	.17	..	1954	14	8.03	174	1
2	40	..	.59	..	5	..	.14	..	1325	10	7.24	138	2
3	38	..	.63	..	5	..	.16	..	1177	9	6.76	133	3
4	36	7	.64	31.3	5	..	.18	..	1053	11	6.33	174	4
5	33	..	.65	..	5	..	.20	..	980	9	6.15	146	5
1-5	208	2	3.17	63	26	..	.80	..	6489	53	34.51	154	1-5
6-7	54	7	1.21	579	9	1	.40	250	1773	17	11.61	146	6-7
8-10	67	3	1.85	162	12	..	.69	..	2418	28	17.49	160	8-10
11-15	51	2	1.97	102	8	1	.60	167	2031	33	17.31	191	11-15
16-24	24	1	1.44	69	..	..	..	..	696	10	8.83	113	16-24
1-24	404	18	9.64	156	53	2	2.49	80	13409	141	89.75	151	1-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Periodic and Remittent Fever.

TABLE III (Continued)

35-A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1885 TO 1899, INCLUSIVE

HABITAT: SEVEN SOUTHERN STATES, OTHER THAN GULF, DELTA AND SEACOAST COUNTIES

Ages at Entry 15-19				20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	127	1	.39	1447	3	3.79	1479	4	5.18	1248	8	4.62	1
2	73	..	.31	711	2	3.20	952	1	4.38	838	2	4.02	2
3	67	..	.30	630	6	2.90	836	5	3.93	723	8	3.54	3
4	59	..	.27	542	5	2.55	756	10	3.63	649	6	3.25	4
5	54	..	.25	498	2	2.39	690	6	3.38	594	8	3.09	5
6	52	..	.24	466	2	2.24	641	5	3.14	550	1	2.92	6
7	51	..	.24	445	4	2.18	611	4	3.06	534	6	2.88	7
8	49	..	.23	434	3	2.13	592	4	2.96	514	7	2.83	8
9	48	..	.23	420	4	2.06	578	2	2.93	493	4	2.81	9
10	45	..	.22	410	1	2.01	564	4	2.93	476	5	2.81	10
11	31	..	.15	318	3	1.59	439	6	2.33	372	2	2.31	11
12	22	..	.11	275	1	1.38	382	3	2.06	332	6	2.19	12
13	16	..	.08	226	2	1.15	306	3	1.68	286	2	2.00	13
14	13	..	.06	189	2	.98	264	..	1.50	256	2	1.92	14
15	8	1	.04	162	1	.86	228	1	1.35	225	1	1.80	15
16	3	..	.02	110	1	.59	166	3	1.03	179	2	1.52	16
17	2	..	.01	75	2	.41	123	1	.81	145	2	1.32	17
18	..	..	..	45	..	.25	95	1	.67	121	..	1.19	18
19	..	..	..	34	..	.20	80	1	.60	90	2	.95	19
20	..	..	..	28	1	.17	65	1	.52	69	3	.79	20
21	..	..	..	12	..	.08	38	1	.32	33	..	.41	21
22	..	..	..	8	..	.05	18	..	.16	22	..	.30	22
23	..	..	..	5	..	.04	8	..	.08	13	1	.19	23
24	..	..	..	1	..	.01	2	..	.02	3	..	.03	24
1-5	380	1	1.52	3528	18	14.83	4713	26	20.50	4052	32	18.52	1-5
6-24	340	1	1.63	3663	27	18.38	5200	40	28.17	4713	46	31.19	6-24

Ages at Entry 35-39				40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	977	6	4.01	547	5	2.57	306	4	1.96	105	2	.96	1
2	643	11	3.34	360	5	2.30	193	..	1.70	66	3	.83	2
3	557	2	3.01	300	4	2.07	168	4	1.60	55	2	.76	3
4	494	4	2.82	265	4	1.99	143	3	1.49	46	1	.69	4
5	447	4	2.64	242	4	1.94	127	..	1.44	40	..	.65	5
6	405	6	2.51	223	3	1.90	120	3	1.46	40	1	.70	6
7	376	4	2.48	205	2	1.87	113	2	1.49	38	1	.72	7
8	360	5	2.52	196	3	1.92	107	4	1.53	37	..	.76	8
9	342	7	2.57	188	3	1.99	102	2	1.57	36	2	.81	9
10	324	3	2.59	180	5	2.07	97	2	1.62	35	1	.82	10
11	262	2	2.23	130	6	1.63	72	2	1.30	27	..	.60	11
12	242	3	2.20	112	1	1.51	61	2	1.20	15	..	.45	12
13	199	..	1.95	98	..	1.43	51	2	1.09	14	1	.46	13
14	174	1	1.84	80	3	1.26	43	3	1.01	11	2	.40	14
15	154	..	1.77	70	..	1.20	37	..	.95	7	2	.28	15
16	118	4	1.48	48	1	.89	29	1	.82	5	1	.22	16
17	94	2	1.27	37	..	.74	24	..	.75	4	..	.19	17
18	79	2	1.15	31	1	.68	18	1	.67	4	..	.21	18
19	62	2	.98	24	1	.58	13	1	.57	4	..	.23	19
20	42	..	.72	19	..	.50	10	..	.42	4	1	.25	20
21	17	1	.31	8	1	.23	6	..	.27	3	..	.21	21
22	11	..	.22	4	..	.13	3	..	.15	..	..	..	22
23	5	..	.11	..	..	..	3	..	.17	..	..	..	23
24	3	..	.07	..	..	..	2	1	.12	..	..	..	24
1-5	3118	27	15.82	1714	22	10.87	937	11	8.19	312	8	3.89	1-5
6-24	3269	42	28.97	1653	30	20.53	913	26	17.11	277	12	7.31	6-24

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION

1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924

HABITAT: SEVEN SOUTHERN STATES, OTHER THAN GULF, DELTA AND SEACOAST COUNTIES

HABITAT: SEVEN SOUTHERN STATES OTHER THAN SOUTH DAKOTA AND MINNESOTA																			
Ages at Entry				51-56				57-59				60-62				63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years			
1	47	2	.57	30	1	.48	20	1	.41	12	..	.32	1	..	.32	1			
2	36	..	.57	20	1	.41	15	..	.41	9	1	.32	2	..	.32	2			
3	31	..	.57	17	..	.41	14	1	.45	8	..	.34	3	..	.34	3			
4	29	..	.58	17	2	.45	12	1	.42	8	1	.38	4	..	.38	4			
5	26	3	.57	14	..	.41	8	..	.31	7	..	.36	5	..	.36	5			
6	22	..	.53	13	1	.42	8	..	.34	7	..	.40	6	..	.40	6			
7	20	1	.53	12	1	.42	8	..	.38	6	..	.37	7	..	.37	7			
8	19	..	.55	11	2	.43	8	3	.41	5	3	.33	8	..	.33	8			
9	19	..	.61	9	..	.39	5	..	.28	2	..	.14	9	..	.14	9			
10	19	1	.67	9	1	.42	5	1	.31	2	..	.08	10	..	.08	10			
11	15	2	.59	6	..	.31	2	1	.13	1	..	.08	11	..	.08	11			
12	13	1	.56	4	1	.34	1	..	.07	1	..	.09	12	..	.09	12			
13	11	..	.52	3	..	.31	..	..	..	1	..	.10	13	..	.10	13			
14	6	1	.31	4	..	.27	..	..	..	1	..	.11	14	..	.11	14			
15	5	..	.28	3	..	.22	..	..	..	1	..	.12	15	..	.12	15			
16	5	1	.31	1	..	.08	..	..	..	1	1	.13	16	..	.13	16			
17	4	..	.27	1	..	.08	..	..	..	..	..	..	17	..	..	17			
18	3	..	.22	1	..	.09	..	..	..	..	..	..	18	..	..	18			
19	3	..	.23	..	..	..	..	..	..	..	..	..	19	..	..	19			
20	3	..	.25	..	..	..	..	..	..	..	..	..	20	..	..	20			
21	1	..	.09	..	..	..	..	..	..	..	..	..	21	..	..	21			
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22			
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23			
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24			
1-5	169	5	2.86	98	4	2.16	69	3	2.60	44	2	1.72	1-5	..	..	1-5			
6-24	168	7	6.52	81	6	3.78	37	3	1.92	28	4	2.03	6-24	..	..	6-24			

SYNOPSIS

Ages at Entry		15-29				30-39				40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	2753	8	9.36	83	2225	14	8.63	162	853	9	4.53	199	1	
2	1736	3	7.89	38	1481	13	7.36	177	553	5	4.00	123	2	
3	1533	11	7.13	154	1280	10	6.55	153	468	8	3.67	218	3	
4	1357	15	6.45	233	1143	10	6.07	165	408	7	3.48	201	4	
5	1242	8	6.02	133	1041	12	5.73	209	369	4	3.38	118	5	
1-5	8621	45	36.85	122	7170	39	34.34	172	2651	33	19.06	173	1-5	
6-7	2266	15	11.10	135	1865	17	10.79	158	661	10	6.72	149	6-7	
8-10	3140	18	15.72	115	2509	31	16.13	192	870	19	10.70	178	8-10	
11-15	2879	23	15.32	150	2302	19	20.21	94	754	19	12.58	151	11-15	
16-24	918	12	6.04	199	1106	21	13.63	161	281	8	7.64	105	16-24	
1-24	17824	113	85.03	133	15152	147	94.30	156	5217	89	56.70	157	1-24	

Ages at Entry					50-59				60 and over				All Ages at Entry				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years
1	182	5	2.01	249	32	1	.73	137	6045	37	25.26	146	1				
2	122	4	1.81	221	24	1	.73	137	3916	26	21.79	119	2				
3	103	2	1.74	115	22	1	.79	127	3406	32	19.88	161	3				
4	92	3	1.72	174	20	2	.80	250	3020	37	18.52	200	4				
5	80	3	1.63	184	15	..	.67	..	2747	27	17.43	155	5				
1-5	579	17	8.91	191	113	5	3.72	134	19134	159	102.88	155	1-5				
6-7	145	5	3.32	151	29	..	1.49	..	4966	47	33.42	141	6-7				
8-10	192	7	5.46	128	27	7	1.63	429	6738	82	49.64	165	8-10				
11-15	143	10	5.50	169	8	1	.70	143	6286	72	54.71	132	11-15				
16-24	46	3	2.93	102	1	1	.13	769	2352	45	29.77	151	16-24				
1-24	1105	42	26.52	158	178	14	7.67	183	39476	405	270.42	150	1-24				

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1900 TO 1908, INCLUSIVE
HABITAT: GULF, DELTA AND SEACOAST COUNTIES OF SEVEN SOUTHERN STATES

Ages at Entry													
15-19				20-24			25-29			30-34			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	167	..	.52	621	1	2.05	741	5	2.59	618	2	2.29	1
2	111	..	.48	376	3	1.69	486	2	2.24	401	2	1.92	2
3	90	..	.41	316	2	1.45	401	4	1.88	352	1	1.72	3
4	73	1	.34	255	..	1.20	327	2	1.57	291	2	1.46	4
5	57	1	.26	206	..	.99	240	2	1.18	226	..	1.18	5
6	38	..	.18	152	1	.73	166	2	.81	166	..	.88	6
7	28	..	.13	96	..	.47	120	..	.60	111	..	.66	7
8	18	1	.08	65	..	.32	77	2	.39	74	..	.41	8
9	9	..	.04	29	..	.14	40	..	.20	36	..	.21	9
10	..	..	..	..	..	..	..	..	..	..	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	498	2	2.01	1774	6	7.38	2195	15	9.46	1888	7	8.57	1-5
6-9	93	1	.43	342	1	1.66	403	4	2.00	387	..	2.10	6-9

Ages at Entry													
35-39				40-44			45-49			50-53			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	368	3	1.51	220	6	1.05	128	1	.82	62	..	.56	1
2	240	2	1.25	147	3	.94	78	..	.69	38	..	.48	2
3	201	..	1.09	120	..	.83	60	2	.57	34	..	.47	3
4	156	3	.89	101	1	.76	48	..	.50	30	1	.45	4
5	119	..	.70	80	2	.64	43	..	.49	26	1	.42	5
6	89	1	.55	63	1	.54	32	..	.39	16	..	.28	6
7	57	1	.38	44	3	.40	24	..	.32	9	..	.17	7
8	38	..	.27	33	2	.32	14	2	.20	5	..	.10	8
9	15	..	.11	13	..	.14	4	..	.06	4	..	.09	9
10	..	..	..	..	..	..	..	..	..	..	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1084	8	5.44	668	12	4.20	357	3	3.07	190	3	2.38	1-5
6-9	199	2	1.31	153	6	1.40	74	2	.97	34	..	.64	6-9

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)
38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1900 TO 1908, INCLUSIVE
HABITAT: GULF, DELTA AND SEACOAST COUNTIES OF SEVEN SOUTHERN STATES

Ages at Entry		24-25			27-29			30-42			43 and over		
Issue-year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Issue-year Years
1	21	1	.26	1.2	..	.19	2	..	.06	3	..	.08	1
2	13	..	.24	7	..	.14	2	..	.06	2	..	.07	2
3	14	..	.25	6	..	.14	1	..	.03	1	..	.04	3
4	12	..	.24	5	..	.13	..	..	..	1	..	.03	4
5	9	..	.15	2	..	.06	..	..	..	1	..	.03	5
6	7	..	.17	1	..	.03	..	..	..	..	..	..	6
7	5	..	.12	1	..	.04	..	..	..	..	..	..	7
8	5	..	.15	..	..	..	..	..	..	..	..	..	8
9	1	..	.03	..	..	..	..	..	..	..	..	..	9
10	..	..	..	..	..	..	..	..	..	..	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	69	1	1.15	32	..	.66	5	..	.13	8	..	.25	1-5
6-9	18	..	.48	2	..	.67	..	..	..	..	..	..	6-9

SYNOPSIS

Ages at Entry					25-29					30-39					40-49				
Issue-age Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter-year Years		
1	1325	5	5.16	116	988	3	3.86	132	343	3	1.85	378	1				1		
2	973	2	4.41	113	644	4	3.17	126	225	3	1.63	189	2				2		
3	867	6	3.76	160	553	1	2.81	36	189	2	1.46	145	3				3		
4	692	3	3.11	96	447	2	2.35	213	149	1	1.26	79	4				4		
5	563	3	2.42	123	347	..	1.88	133	133	2	1.33	172	5				5		
1-5	4467	13	18.87	122	2972	13	14.91	187	1023	13	3.27	206	1-5				1-5		
6-7	600	3	2.92	109	473	2	2.41	83	163	4	1.65	242	6-7				6-7		
8-9	233	3	3.17	256	163	..	1.60	..	64	4	.72	558	8-9				8-9		
..	..	..	..	..	..	..	..	..	..	..	..	..	..				..		
1-9	5353	29	32.94	126	3538	17	17.42	96	1252	23	9.64	279	1-9				1-9		

Ages at Entry					50 and over					All Ages at Entry				
Issue-age Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Inter-year Years	
1	93	1	1.01	98	3	..	.12	..	2963	19	11.94	139	1	
2	69	1	.86	114	4	..	.13	..	1903	13	10.26	127	2	
3	54	..	.87	..	2	..	.07	..	1596	9	8.85	101	3	
4	47	1	.52	122	1	..	.65	..	1299	10	7.59	182	4	
5	33	1	.63	124	1	..	.65	..	1007	6	6.12	98	5	
1-5	291	4	4.19	95	13	..	.62	..	8768	57	44.74	177	1-5	
6-7	39	..	.82	..	..	..	..	..	1223	9	7.80	113	6-7	
8-9	15	..	.37	..	..	..	..	..	499	7	3.20	213	8-9	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
1-9	344	4	5.29	74	13	..	.43	..	10478	73	55.86	131	1-9	

*Including voluntary Chills and Fevers, Fever and Ague and Intermittent Fever, but excluding Periodic and Remittent Fevers.

TABLE III (Continued)

38—A. MALARIAL FEVER;* ONE ATTACK WITHIN TWO YEARS OF APPLICATION
ISSUES OF 1900 TO 1908, INCLUSIVE

HABITAT: SEVEN SOUTHERN STATES, OTHER THAN GULF, DELTA AND SEACOAST COUNTIES

Ages at Entry													
15-19				20-24			25-29			30-34			
Issue- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Issue- year Years
1	512	3	1.59	2182	13	7.20	2258	17	7.90	1786	7	6.61	1
2	322	1	1.38	1256	8	5.65	1391	11	6.40	1158	7	5.56	2
3	279	..	1.26	1063	8	4.89	1166	8	5.48	973	8	4.78	3
4	226	2	1.04	866	4	4.07	962	5	4.62	811	7	4.06	4
5	164	2	.75	680	2	3.26	735	4	3.60	644	1	3.35	5
6	111	2	.52	512	2	2.46	540	2	2.65	442	6	2.34	6
7	70	..	.33	356	1	1.74	388	..	1.94	319	..	1.72	7
8	39	..	.18	213	..	1.04	252	..	1.26	199	2	1.09	8
9	10	..	.03	93	..	.46	96	1	.49	75	..	.43	9
10	..	..	..	..	..	..	..	..	..	..	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	1503	8	6.02	6047	35	25.07	6512	45	28.00	5374	30	24.36	1-5
6-9	230	2	1.08	1174	3	5.70	1276	3	6.34	1035	8	5.58	6-9

Ages at Entry													
35-39				40-44			45-49			50-53			
Issue- year Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Issue- year Years
1	1107	3	4.54	776	1	3.65	467	4	2.99	203	4	1.85	1
2	717	5	3.73	521	2	3.33	293	2	2.58	130	1	1.63	2
3	601	4	3.25	460	4	3.17	240	2	2.28	113	2	1.56	3
4	495	2	2.82	389	5	2.92	197	..	2.03	97	4	1.46	4
5	368	5	2.17	317	8	2.54	152	6	1.72	79	1	1.29	5
6	266	4	1.65	237	2	2.01	111	1	1.35	65	1	1.14	6
7	184	2	1.21	175	3	1.57	70	..	.92	42	..	.80	7
8	106	..	.74	109	..	.98	48	..	.69	27	..	.56	8
9	33	..	.25	35	..	.37	25	..	.39	11	..	.25	9
10	..	..	..	..	..	..	..	..	..	..	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	3288	19	16.51	2463	20	15.61	1349	12	11.62	622	12	7.79	1-5
6-9	589	6	3.85	545	5	4.93	254	1	3.35	145	1	2.75	6-9

*Including ordinary Chills and Fever, Fever and Ague and Inter-
mittent Fever, but excluding Pernicious and Remittent Fever.

TABLE III (Continued)

38—A. MALARIAL FEVER: ONE ATTACK WITHIN TWO YEARS OF APPLICATION

ISSUES OF 1900 TO 1908, INCLUSIVE

HABITAT: SEVEN SOUTHERN STATES, OTHER THAN GULF, DELTA AND SEACOAST COUNTIES

Ages at Entry				54-56			57-59			60-62			63 and over			
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Immune Years
1	93	2	1.13	38	2	.61	13	1	.31	13	..	.37	1	..	.37	1
2	53	1	.84	27	..	.35	9	..	.25	8	1	.34	2	..	.34	2
3	41	..	.75	21	..	.50	9	..	.29	7	..	.37	3	..	.37	3
4	34	..	.68	17	..	.45	5	..	.18	6	..	.36	4	..	.36	4
5	27	2	.59	14	1	.41	4	1	.16	4	..	.26	5	..	.26	5
6	17	1	.41	10	..	.32	3	..	.13	3	..	.23	6	..	.23	6
7	10	3	.26	5	..	.18	3	..	.14	3	..	.26	7	..	.26	7
8	3	..	.09	4	..	.16	3	..	.15	1	..	.08	8	..	.08	8
9	2	..	.06	2	..	.09	1	..	.06	..	..	..	9	..	..	9
10	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	10
11	..	..	..	..	..	..	..	..	..	..	..	..	11	..	..	11
12	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	12
13	..	..	..	..	..	..	..	..	..	..	..	..	13	..	..	13
14	..	..	..	..	..	..	..	..	..	..	..	..	14	..	..	14
15	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	15
16	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	16
17	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	17
18	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	248	5	3.99	117	3	2.52	42	2	1.19	38	1	1.70	1-5	..	..	1-5
6-9	32	4	.82	21	..	.75	10	..	.48	7	..	.57	6-9	..	..	6-9

SYNOPSIS

Ages at Entry					15-29				30-39				40-49				
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years				
1	4952	33	16.69	198	2893	10	11.15	90	1243	5	6.64	73	1				
2	2969	20	13.43	149	1875	12	9.29	129	814	4	5.91	68	2				
3	2508	16	11.63	138	1376	12	8.03	149	706	6	5.43	110	3				
4	2054	11	9.73	113	1306	9	6.88	131	586	5	4.97	101	4				
5	1579	8	7.61	105	1012	6	5.52	109	469	12	4.26	282	5				
1-5	14062	88	59.09	149	8662	49	40.87	120	3812	32	27.23	118	1-5				
6-7	1977	7	9.64	73	1211	12	6.92	173	591	6	5.83	103	6-7				
8-9	703	1	3.48	29	413	2	2.51	80	208	..	2.43	..	8-9				
..	..	..	..	..	..	..	..	..	..	..	..	..	..				
..	..	..	..	..	..	..	..	..	..	..	..	..	..				
1-9	16742	96	72.21	133	10286	63	50.30	125	4611	38	35.51	107	1-9				

Ages at Entry					50 and over				All Ages at Entry					
Immune Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Immune Years	
1	334	8	3.59	223	28	1	.68	147	9450	57	38.75	147	1	
2	210	2	3.07	66	17	1	.59	169	5885	39	32.24	121	2	
3	175	2	2.81	71	16	..	.66	..	4975	36	28.38	126	3	
4	148	4	2.59	154	11	..	.54	..	4105	29	24.71	117	4	
5	120	4	2.29	175	8	1	.43	238	3188	31	20.10	154	5	
1-5	987	20	14.30	140	80	3	2.89	104	27603	192	144.38	133	1-5	
6-7	149	5	3.11	161	12	..	.76	..	3940	30	26.28	114	6-7	
8-9	49	..	1.21	..	5	..	.29	..	1378	3	9.92	30	8-9	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
1-9	1185	25	18.62	134	97	3	3.96	76	32921	223	180.58	125	1-9	

*Including ordinary Chills and Fever, Fever and Ague and Intermittent Fever, but excluding Pernicious and Remittent Fever.

TABLE IV
82. JOINT LIFE POLICIES—A MAN AND A WOMAN
ORDINARY LIFE PLAN

Ages at Entry				15-19			20-24			25-29			30-34			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years			
1	112	..	.35	1772	8	5.85	3417	20	11.96	3273	13	12.11	1			
2	48	..	.21	923	10	4.15	1965	22	9.04	1941	12	9.32	2			
3	31	..	.14	658	4	3.03	1466	9	6.89	1498	7	7.34	3			
4	20	..	.09	469	5	2.20	1109	6	5.32	1164	6	5.82	4			
5	14	..	.06	326	2	1.56	789	8	3.87	836	6	4.35	5			
6	12	..	.06	217	1	1.04	546	1	2.68	578	7	3.06	6			
7	9	..	.04	149	..	.73	358	3	1.79	407	2	2.20	7			
8	9	..	.04	86	1	.42	223	2	1.12	278	4	1.53	8			
9	6	1	.03	52	..	.25	153	..	.78	199	2	1.13	9			
10	5	1	.02	42	..	.21	118	1	.61	149	..	.88	10			
11	2	..	.01	30	..	.15	90	..	.48	120	..	.74	11			
12	2	..	.01	24	..	.12	73	..	.39	96	1	.63	12			
13	2	..	.01	18	1	.09	54	1	.30	74	3	.52	13			
14	1	..	.00	14	..	.07	50	..	.29	66	..	.50	14			
15	1	..	.00	11	1	.06	36	..	.21	45	..	.36	15			
16	1	..	.01	4	1	.02	23	..	.14	27	..	.23	16			
17	1	..	.01	1	..	.01	19	..	.13	18	..	.16	17			
18	1	..	.01	1	..	.01	8	..	.06	15	..	.15	18			
19	1	..	.01	1	..	.01	5	..	.04	7	..	.07	19			
20	1	..	.01	1	..	.01	5	..	.04	7	..	.08	20			
21	1	..	.01	1	..	.01	4	..	.03	2	..	.03	21			
22	1	..	.01	..	..	..	4	..	.04	1	..	.01	22			
23	..	..	..	..	..	..	2	..	.02	..	..	..	23			
24	..	..	..	..	..	..	2	..	.02	..	..	..	24			
1-5	225	..	.85	4148	29	16.79	8746	65	37.08	8712	44	38.94	1-5			
6-24	56	2	.29	652	5	3.21	1773	8	9.17	2089	19	12.28	6-24			

Ages at Entry		35-39			40-44			45-49			50-53			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years	
1	2458	11	10.08	1614	14	7.59	921	6	5.89	509	5	2.81	1	
2	1510	12	7.85	989	14	6.33	553	5	4.87	180	1	2.25	2	
3	1173	8	6.33	775	6	5.35	448	4	4.26	143	1	1.97	3	
4	905	11	5.16	594	2	4.46	345	5	3.59	114	..	1.71	4	
5	651	3	3.84	460	4	3.68	251	2	2.84	86	..	1.40	5	
6	452	2	2.80	328	1	2.79	185	2	2.26	63	..	1.10	6	
7	323	1	2.13	218	2	1.98	140	1	1.85	43	..	.82	7	
8	230	2	1.61	159	5	1.56	111	4	1.59	27	1	.56	8	
9	174	2	1.31	114	1	1.21	81	1	1.25	23	1	.52	9	
10	128	1	1.02	86	1	.99	60	2	1.00	17	1	.42	10	
11	106	..	.90	65	..	.81	40	..	.72	12	..	.33	11	
12	89	..	.81	54	..	.73	34	..	.67	9	..	.27	12	
13	65	..	.64	39	1	.57	28	..	.60	6	..	.20	13	
14	60	1	.64	31	..	.49	27	..	.63	6	..	.22	14	
15	47	..	.54	28	..	.48	22	..	.57	5	..	.20	15	
16	24	..	.36	15	..	.28	15	..	.42	3	..	.13	16	
17	17	1	.23	11	1	.22	9	..	.28	1	..	.05	17	
18	15	..	.22	4	1	.09	4	..	.14	1	..	.03	18	
19	11	1	.17	1	..	.02	4	..	.15	..	..	..	19	
20	8	..	.14	1	..	.03	3	..	.13	..	..	..	20	
21	4	..	.07	1	..	.03	1	..	.05	..	..	..	21	
22	4	..	.08	..	..	..	1	1	.05	..	..	..	22	
23	2	1	.04	..	..	..	..	..	..	..	..	..	23	
24	..	..	..	..	..	..	..	..	..	..	..	..	24	
1-5	6697	45	33.26	4432	40	27.41	2518	22	21.45	832	5	10.14	1-5	
6-24	1759	12	13.65	1155	13	12.28	765	11	12.36	216	3	4.87	6-24	

TABLE IV (Continued)
32. JOINT LIFE POLICIES—A MAN AND A WOMAN
ORDINARY LIFE PLAN

Ages at Entry				55-59				60-62				63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths		Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	131	2	1.60	79	1	1.26	23	..	.47	7	..	..	..	.19	1
2	81	1	1.28	44	1	.90	8	..	.22	4	..	..	..	.16	2
3	64	1	1.17	34	2	.82	4	..	.13	2	..	..	..	.10	3
4	51	..	1.03	21	..	.55	2	..	.07	..	..	..	..	..	4
5	42	1	.92	19	..	.55	2	..	.08	..	..	..	..	..	5
6	28	..	.67	14	..	.45	1	..	.04	..	..	..	..	..	6
7	20	..	.53	11	..	.39	1	..	.05	..	..	..	..	..	7
8	15	1	.44	7	..	.27	1	..	.05	..	..	..	..	..	8
9	10	..	.32	6	..	.26	..	..	..	..	..	..	..	..	9
10	8	..	.28	5	..	.24	..	..	..	..	..	..	..	..	10
11	6	..	.23	4	..	.21	..	..	..	..	..	..	..	..	11
12	6	..	.26	2	..	.11	..	..	..	..	..	..	..	..	12
13	5	..	.24	1	..	.06	..	..	..	..	..	..	..	..	13
14	5	..	.26	1	..	.07	..	..	..	..	..	..	..	..	14
15	5	1	.28	1	..	.07	..	..	..	..	..	..	..	..	15
16	3	..	.19	1	..	.08	..	..	..	..	..	..	..	..	16
17	2	..	.13	1	..	.08	..	..	..	..	..	..	..	..	17
18	2	..	.14	1	..	.09	..	..	..	..	..	..	..	..	18
19	2	..	.16	..	..	..	..	..	..	..	..	..	..	..	19
20	2	..	.17	..	..	..	..	..	..	..	..	..	..	..	20
21	2	..	.18	..	..	..	..	..	..	..	..	..	..	..	21
22	1	..	.10	..	..	..	..	..	..	..	..	..	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
1-5	369	5	6.00	197	4	4.08	39	..	.97	13	..	..	..	.45	1-5
6-24	122	2	4.53	55	..	2.38	3	..	.14	..	..	..	..	..	6-24

SYNOPSIS

Ages at Entry				30-39				40-49				50-59			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	5301	28	18.16	154	5731	24	22.19	108	2555	20	13.48	148	1	1	1
2	2936	32	13.46	239	3451	24	17.17	140	1542	19	11.20	170	2	2	2
3	2153	13	10.66	129	2671	13	13.63	110	1223	10	9.61	104	3	3	3
4	1398	11	7.61	145	2069	17	10.98	155	939	7	8.05	87	4	4	4
5	1129	10	5.49	182	1487	9	8.19	110	711	6	6.52	92	5	5	5
1-5	13119	94	54.72	172	15409	89	72.20	123	6950	62	48.86	127	1-5	1-5	1-5
6-7	1291	5	6.34	79	1760	12	10.19	118	871	6	8.88	68	6-7	6-7	6-7
8-10	694	6	3.48	172	1158	11	7.48	147	611	14	7.60	184	8-10	8-10	8-10
11-15	408	3	2.19	137	768	5	6.28	80	368	1	6.27	16	11-15	11-15	11-15
16-24	88	1	.66	152	162	3	1.98	152	70	3	1.89	139	16-24	16-24	16-24
1-24	15600	109	67.39	162	19257	120	98.13	122	8870	86	73.50	117	1-24	1-24	1-24

Ages at Entry				60 and over				All Ages at Entry				Insur- ance Years			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Exposed to Risk	Actual Deaths	Expected Deaths
1	519	6	5.67	106	30	..	.66	..	14116	78	60.16	136	1	1	1
2	305	3	4.43	68	12	..	.38	..	8246	78	46.58	167	2	2	2
3	241	4	3.96	101	6	..	.23	..	6296	42	37.53	112	3	3	3
4	186	..	3.29	..	2	..	.07	..	4794	35	30.00	117	4	4	4
5	147	1	2.87	35	2	..	.08	..	3476	26	23.15	112	5	5	5
1-5	1398	14	20.22	69	52	..	1.42	..	36928	259	197.42	131	1-5	1-5	1-5
6-7	179	..	3.96	..	2	..	.69	..	4103	23	29.46	78	6-7	6-7	6-7
8-10	118	4	3.31	121	1	..	.05	..	2582	35	21.92	160	8-10	8-10	8-10
11-15	74	1	3.01	33	..	..	..	..	1618	10	17.73	56	11-15	11-15	11-15
16-24	22	..	1.55	..	..	..	..	..	342	7	6.08	115	16-24	16-24	16-24
1-24	1791	19	32.05	59	55	..	1.56	..	45573	334	272.63	125	1-24	1-24	1-24

TABLE IV (Continued)
33. JOINT LIFE POLICIES—A MAN AND A WOMAN
LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS

Age at Entry				20-24				25-29				30-34			
Years from Entry	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths
1	143	..	..	1917	3	..	6.31	3513	11	12.35	5335	145	12.34	1	..
2	73	..	..	31	1013	9	4.84	2213	16	10.29	2299	145	11.04	2	..
3	51	..	..	23	745	5	3.43	1410	9	7.57	1705	7	8.33	3	..
4	32	..	..	15	485	6	2.28	1134	6	5.42	1184	9	5.93	4	..
5	18	..	..	..	295	2	1.42	729	3	3.57	749	4	3.89	5	..
6	9	..	..	..	161	1	..	399	3	1.96	432	2	2.29	6	..
7	1	..	..	..	87	..	..	217	2	1.06	257	..	1.39	7	..
8	..	..	..	..	49	..	..	117	..	..	143	..	..	8	..
9	..	..	..	..	22	..	..	55	1	..	93	2	..	9	..
10	..	..	..	..	11	..	..	30	..	..	66	..	..	10	..
11	..	..	..	..	..	..	..	19	..	..	35	1	..	11	..
12	..	..	..	..	..	..	..	10	..	..	24	..	..	12	..
13	..	..	..	..	..	..	..	6	1	..	15	..	..	13	..
14	..	..	..	..	..	..	..	3	..	..	10	..	..	14	..
15	..	..	..	..	..	..	..	..	..	..	6	..	..	15	..
16	..	..	..	..	..	..	..	..	..	..	3	..	..	16	..
17	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..
18	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
21	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..
22	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..
24	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..
1-5	317	..	..	1.23	4312	25	18.28	9129	41	39.16	9272	46	41.34	1-5	..
6-24	11	..	..	..	369	3	1.31	966	7	4.91	1146	4	6.18	6-24	..

Age at Entry				40-44				45-49				50-54			
Years from Entry	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths	Exposure to Risk	Actual Deaths	Expected Deaths
1	2238	9	..	9.11	1239	19	5.89	363	5	8.22	137	2	1.28	1	..
2	1500	10	..	7.81	857	9	5.45	236	4	2.85	95	1	1.15	2	..
3	1109	10	..	5.99	637	6	4.40	239	..	2.27	73	..	1.01	3	..
4	804	9	..	4.18	451	8	3.38	162	..	1.66	53	..	..	4	..
5	505	8	..	2.95	318	2	2.34	107	2	1.21	37	..	..	5	..
6	306	2	..	1.90	181	1	1.34	60	1	..	18	..	..	6	..
7	183	3	..	1.21	114	..	..	44	..	..	10	..	..	7	..
8	112	..	..	..	67	1	..	32	..	..	..	..	..	8	..
9	71	..	..	..	51	..	..	24	16	..	..	..	..	9	..
10	36	1	..	..	29	..	..	16	..	..	..	..	..	10	..
11	24	..	..	..	26	..	..	11	..	..	..	..	..	11	..
12	13	..	..	..	13	..	..	8	..	..	..	..	..	12	..
13	8	..	..	..	10	1	..	5	..	..	..	..	..	13	..
14	4	..	..	..	6	..	..	4	..	..	..	..	..	14	..
15	3	..	..	..	6	..	..	4	..	..	..	..	..	15	..
16	2	..	..	..	3	..	..	2	..	..	..	..	..	16	..
17	..	..	..	..	3	..	..	1	..	..	..	..	..	17	..
18	..	..	..	..	3	..	..	1	..	..	..	..	..	18	..
19	..	..	..	..	3	..	..	1	..	..	..	..	..	19	..
20	..	..	..	..	3	..	..	1	..	..	..	..	..	20	..
21	..	..	..	..	3	..	..	1	..	..	..	..	..	21	..
22	..	..	..	..	3	..	..	1	..	..	..	..	..	22	..
23	..	..	..	..	3	..	..	1	..	..	..	..	..	23	..
24	..	..	..	..	3	..	..	1	..	..	..	..	..	24	..
1-5	6156	43	..	30.57	3493	24	21.57	1335	12	11.23	300	3	4.77	1-5	..
6-24	770	4	..	5.31	510	3	5.17	225	3	3.44	59	..	1.21	6-24	..

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88. JOINT LIFE POLICIES—A MAN AND A WOMAN
LIMITED-PAYMENT LIFE AND ENDOWMENT PLANS

Ages at Entry				54-56			57-59			60-62			63 and over			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Exposed to Risk	Actual Deaths	Expected Deaths	Insur- ance Years
1	43	2	.52	14	..	.72	4	..	.08	3	..	.08	1	..	.08	1
2	26	..	.41	8	..	.16	3	..	.08	2	..	.07	2	..	.07	2
3	18	..	.33	5	..	.12	3	..	.10	2	..	.09	3	..	.09	3
4	15	..	.30	4	1	.11	2	..	.07	2	..	.09	4	..	.09	4
5	10	..	.22	3	..	.09	2	..	.08	2	..	.10	5	..	.10	5
6	6	..	.14	3	..	.10	2	..	.09	2	..	.11	6	..	.11	6
7	3	..	.13	3	..	.11	2	..	.09	2	..	.12	7	..	.12	7
8	3	..	.13	1	..	.04	1	..	.05	1	..	.07	8	..	.07	8
9	3	..	.16	1	..	.04	1	..	.06	1	..	.07	9	..	.07	9
10	3	..	.11	1	..	.05	1	..	.06	1	..	.08	10	..	.08	10
11	1	..	.04	1	..	.05	1	..	.07	1	..	.09	11	..	.09	11
12	1	..	.04	..	..	..	1	..	.07	1	..	.10	12	..	.10	12
13	1	..	.05	..	..	..	1	..	.08	1	..	.13	13	..	.13	13
14	1	..	.05	..	..	..	1	..	.08	1	..	.11	14	..	.11	14
15	1	..	.06	..	..	..	1	1	.09	1	..	.12	15	..	.12	15
16	..	..	..	..	..	..	..	..	..	1	..	.13	16	..	.13	16
17	..	..	..	..	..	..	..	..	..	1	..	.14	17	..	.14	17
18	..	..	..	..	..	..	..	..	..	1	..	.15	18	..	.15	18
19	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	19
20	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	20
21	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	21
22	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	22
23	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..	23
24	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	24
1-5	112	2	1.78	34	1	.70	14	..	.41	11	..	.43	1-5	..	..	1-5
6-24	29	..	.93	10	..	.39	12	1	.74	13	..	1.37	6-24	..	..	6-24

SYNOPSIS

Ages at Entry				45-49				50-59				60 and over				All Ages at Entry			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	5578	14	19.08	73	5571	19	21.51	88	1738	15	9.02	166	1	..	1	194	4	1.99	201
2	3385	23	15.44	149	3801	20	18.83	106	1176	7	8.30	84	2	..	2	129	1	1.76	57
3	2406	14	11.23	125	2814	17	14.34	119	876	6	6.67	90	3	..	3	96	..	1.46	..
4	1647	10	7.83	127	1988	18	10.50	171	613	3	5.06	39	4	..	4	72	1	1.21	83
5	1042	5	5.07	99	1254	9	6.87	131	423	5	3.75	133	5	..	5	45	..	.83	..
1-5	14058	66	58.67	112	13428	83	72.07	115	4828	36	32.80	110	1-5	..	1-5	536	6	7.23	83
6-7	869	6	4.26	141	1178	8	6.79	74	403	2	3.97	50	6-7	..	6-7	49	..	1.07	..
8-10	320	2	1.60	123	323	2	3.32	60	223	2	2.69	74	8-10	..	8-10	39	..	1.06	..
11-15	122	3	.66	303	165	1	1.27	79	87	1	1.43	70	11-15	..	11-15	10	..	.40	..
16-24	35	..	.24	..	30	..	.31	..	20	..	.52	..	16-24	..	16-24	..	..	..	..
1-24	15404	76	63.43	116	17344	91	83.96	108	5563	41	41.41	99	1-24	..	1-24	634	6	9.78	61
Ages at Entry				50-59				60 and over				All Ages at Entry				All Ages at Entry			
Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %	Insur- ance Years	Exposed to Risk	Actual Deaths	Expected Deaths	Ratio %
1	194	4	1.99	201	7	..	.16	..	13088	52	51.76	100	1	..	1	194	4	1.99	201
2	129	1	1.76	57	5	..	.15	..	8496	51	44.50	113	2	..	2	129	1	1.76	57
3	96	..	1.46	..	5	..	.19	..	6197	37	33.89	109	3	..	3	96	..	1.46	..
4	72	1	1.21	83	4	..	.16	..	4324	32	24.78	129	4	..	4	72	1	1.21	83
5	45	..	.83	..	4	..	.18	..	2770	19	16.70	114	5	..	5	45	..	.83	..
1-5	536	6	7.23	83	23	..	.34	..	34875	191	171.63	111	1-5	..	1-5	536	6	7.23	83
6-7	49	..	1.07	..	8	..	.41	..	2509	13	16.50	79	6-7	..	6-7	49	..	1.07	..
8-10	39	..	1.06	..	6	..	.39	..	3111	6	9.06	66	8-10	..	8-10	39	..	1.06	..
11-15	10	..	.40	..	10	1	.89	112	394	5	4.63	108	11-15	..	11-15	10	..	.40	..
16-24	..	..	..	..	3	..	.42	..	108	..	1.69	..	16-24	..	16-24	..	..	..	..
1-24	634	6	9.78	61	57	1	2.95	34	38997	215	203.33	106	1-24	..	1-24	634	6	9.78	61

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*On the binding of the table on pages 30 and 31 of Vol. III, the phrase "one finding between two and five years prior to examination" should read "one finding between two and five years prior to examination."

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