

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Marion B. Folsom, Secretary

Public Health Service
Leonard A. Scheele, Surgeon General



State Life Tables: 1949-51

(Life tables by sex for the white population of each State and for the nonwhite population of 16 Southern States and the District of Columbia)

Life tables computed in the Statistical Bureau
of the Metropolitan Life Insurance Company

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The 1949-51 life tables for each of the individual States, which were originally issued as separate reports and are all made available in this volume, were prepared by the Statistical Bureau of the Metropolitan Life Insurance Company. Since expectation of life varies from State to State, the data will serve a wide variety of needs which the national life tables are not able to meet.

In making available its resources and facilities to compute these tables, the Metropolitan Life Insurance Company has performed a public service. The National Office of Vital Statistics, which could not have accomplished this task within its own resources, is happy to make this grateful acknowledgment.

Halbert L. Dunn, M. D.
*Chief, National Office of
Vital Statistics*

FOREWORD

The life tables for individual States in this volume were derived from death and birth data furnished by the National Office of Vital Statistics for the years 1949-51 and from population data furnished by the Bureau of the Census from the 1950 Census of Population. This is the third occasion for which such life tables were prepared by the Statistical Bureau of the Metropolitan Life Insurance Company as a national service. A corresponding set of life tables for a decade earlier was published by the National Office of Vital Statistics in 1948 as "State and Regional Life Tables: 1939-41." Life tables for individual States (except Texas) reflecting mortality during 1929-31 were published in "Population Statistics; No. 2, State Data," by the National Resources Committee, October 1937.

These three series of life tables are significant in two respects. First, they document the advances in longevity in areas of the country during the two decades covered. Second, they make evident the narrowing of the gap in longevity between the States with the poorest and the best records.

The present series of life tables, as well as the two earlier series cited, were prepared under the direction of Mr. Mortimer Spiegelman, Fellow of the Society of Actuaries. In the computation of these tables, use was made of conventional punch-card tabulation machinery and of a high-speed electronic computer. The punchcard operations for calculating the mortality rates were carried out by Mr. Francis J. Oterson, under the supervision of Mr. Maurice L. Goldstein. The phases of the operation involving the use of a high-speed electronic computer for deriving the values of the other columns of the life tables were planned and supervised by Mr. Virgil M. Horn. During all stages of the computation, Mr. Spiegelman was in consultation with Dr. Monroe G. Sirken of the National Office of Vital Statistics and, in the early stages, with Dr. Thomas N. E. Greville, Assistant Chief Actuary of the Social Security Administration. A particular note of thanks is due to Dr. Halbert L. Dunn, Chief of the National Office of Vital Statistics, for his support in this project.

Edward A. Lew
Actuary and Statistician
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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Alabama

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Alabama Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.98 years for white males, 72.21 years for white females, 58.34 years for nonwhite males, and 61.77 years for nonwhite females. This State ranks 34th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	39.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: ALABAMA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	L_x	d_x	L_x	T_x	e_x
0-1	0.03606	100,000	3,606	96,829	6,597,734	65.98
1-2	.00219	96,394	211	96,288	6,500,905	67.44
2-3	.00160	96,183	154	96,106	6,404,617	66.59
3-4	.00112	96,029	108	95,975	6,308,511	65.69
4-5	.00096	95,921	92	95,875	6,212,536	64.77
5-6	.00083	95,829	79	95,790	6,116,661	63.83
6-7	.00074	95,750	71	95,714	6,020,871	62.88
7-8	.00067	95,679	64	95,647	5,925,157	61.93
8-9	.00063	95,615	60	95,585	5,829,510	60.97
9-10	.00062	95,555	60	95,525	5,733,925	60.01
10-11	.00064	95,495	61	95,465	5,638,400	59.04
11-12	.00068	95,434	65	95,402	5,542,935	58.08
12-13	.00075	95,369	71	95,334	5,447,533	57.12
13-14	.00085	95,298	81	95,257	5,352,199	56.16
14-15	.00100	95,217	95	95,169	5,256,942	55.21
15-16	.00116	95,122	111	95,066	5,161,773	54.26
16-17	.00132	95,011	125	94,949	5,066,707	53.33
17-18	.00146	94,886	139	94,817	4,971,758	52.40
18-19	.00159	94,747	150	94,672	4,876,941	51.47
19-20	.00171	94,597	162	94,516	4,782,269	50.55
20-21	.00183	94,435	173	94,349	4,687,753	49.64
21-22	.00194	94,262	183	94,171	4,593,404	48.73
22-23	.00202	94,079	190	93,984	4,499,233	47.82
23-24	.00207	93,889	194	93,792	4,405,249	46.92
24-25	.00210	93,695	197	93,596	4,311,457	46.02
25-26	.00212	93,498	198	93,399	4,217,861	45.11
26-27	.00214	93,300	200	93,200	4,124,462	44.21
27-28	.00218	93,100	203	92,999	4,031,262	43.30
28-29	.00223	92,897	207	92,794	3,938,263	42.39
29-30	.00228	92,690	211	92,584	3,845,469	41.49
30-31	.00234	92,479	217	92,371	3,752,885	40.58
31-32	.00243	92,262	224	92,150	3,660,514	39.68
32-33	.00254	92,038	234	91,921	3,568,364	38.77
33-34	.00268	91,804	246	91,681	3,476,443	37.87
34-35	.00285	91,558	261	91,428	3,384,762	36.97
35-36	.00305	91,297	278	91,158	3,293,334	36.07
36-37	.00326	91,019	297	90,871	3,202,176	35.18
37-38	.00348	90,722	315	90,564	3,111,305	34.29
38-39	.00371	90,407	336	90,239	3,020,741	33.41
39-40	.00394	90,071	355	89,894	2,930,502	32.54
40-41	.00420	89,716	377	89,528	2,840,608	31.66
41-42	.00449	89,339	401	89,139	2,751,080	30.79
42-43	.00483	88,938	429	88,724	2,661,941	29.93
43-44	.00519	88,509	460	88,279	2,573,217	29.07
44-45	.00557	88,049	490	87,804	2,484,938	28.22
45-46	.00599	87,559	525	87,297	2,397,134	27.38
46-47	.00651	87,034	566	86,751	2,309,837	26.54
47-48	.00714	86,468	618	86,159	2,223,086	25.71
48-49	.00791	85,850	679	85,511	2,136,927	24.89
49-50	.00880	85,171	749	84,797	2,051,416	24.09
50-51	.00978	84,422	826	84,009	1,966,619	23.30
51-52	.01082	83,596	904	83,144	1,882,610	22.52
52-53	.01189	82,692	983	82,200	1,799,466	21.76
53-54	.01300	81,709	1,063	81,177	1,717,266	21.02
54-55	.01417	80,646	1,142	80,075	1,636,089	20.29

TABLE 1. LIFE TABLE FOR WHITE MALES: ALABAMA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01539	79,504	1,224	78,892	1,556,014	19.57
56-57	.01666	78,280	1,304	77,628	1,477,122	18.87
57-58	.01797	76,976	1,383	76,284	1,399,494	18.18
58-59	.01927	75,593	1,457	74,864	1,323,210	17.50
59-60	.02057	74,136	1,525	73,373	1,248,346	16.84
60-61	.02194	72,611	1,593	71,814	1,174,973	16.18
61-62	.02345	71,018	1,666	70,185	1,103,159	15.53
62-63	.02519	69,352	1,746	68,479	1,032,974	14.89
63-64	.02710	67,606	1,833	66,689	964,495	14.27
64-65	.02913	65,773	1,916	64,815	897,806	13.65
65-66	.03137	63,857	2,003	62,856	832,991	13.04
66-67	.03387	61,854	2,095	60,807	770,135	12.45
67-68	.03673	59,759	2,195	58,662	709,328	11.87
68-69	.03985	57,564	2,294	56,417	650,666	11.30
69-70	.04319	55,270	2,387	54,077	594,249	10.75
70-71	.04687	52,883	2,478	51,644	540,172	10.21
71-72	.05102	50,405	2,572	49,119	488,528	9.69
72-73	.05579	47,833	2,669	46,499	439,409	9.19
73-74	.06126	45,164	2,766	43,781	392,910	8.70
74-75	.06735	42,398	2,856	40,970	349,129	8.23
75-76	.07390	39,542	2,922	38,081	308,159	7.79
76-77	.08080	36,620	2,959	35,140	270,078	7.38
77-78	.08788	33,661	2,958	32,182	234,938	6.98
78-79	.09483	30,703	2,912	29,247	202,756	6.60
79-80	.10174	27,791	2,827	26,378	173,509	6.24
80-81	.10909	24,964	2,723	23,602	147,131	5.89
81-82	.11739	22,241	2,611	20,935	123,529	5.55
82-83	.12711	19,630	2,495	18,382	102,594	5.23
83-84	.13907	17,135	2,383	15,943	84,212	4.91
84-85	.15295	14,752	2,257	13,624	68,269	4.63
85-86	.16752	12,495	2,093	11,449	54,645	4.37
86-87	.18158	10,402	1,889	9,458	43,196	4.15
87-88	.19389	8,513	1,650	7,688	33,738	3.96
88-89	.20340	6,863	1,396	6,165	26,050	3.80
89-90	.21090	5,467	1,153	4,890	19,885	3.64
90-91	.21802	4,314	941	3,844	14,995	3.48
91-92	.22635	3,373	763	2,992	11,151	3.31
92-93	.23750	2,610	620	2,300	8,159	3.13
93-94	.25195	1,990	501	1,759	5,859	2.94
94-95	.26863	1,489	400	1,289	4,120	2.77
95-96	.28682	1,089	313	933	2,831	2.60
96-97	.30580	776	237	658	1,898	2.44
97-98	.32485	539	175	451	1,240	2.30
98-99	.34446	364	125	301	789	2.17
99-100	.36509	239	88	195	488	2.04
100-101	.38604	151	58	122	293	1.93
101-102	.40658	93	38	74	171	1.83
102-103	.42600	55	23	43	97	1.74
103-104	.44403	32	14	25	54	1.66
104-105	.46116	18	9	14	29	1.59
105-106	.47778	9	4	7	15	1.52
106-107	.49426	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: ALABAMA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02618	100,000	2,618	97,738	7,221,017	72.21
1-2	0.0209	97,382	204	97,280	7,123,279	73.15
2-3	0.0142	97,178	138	97,109	7,025,999	72.30
3-4	0.0087	97,040	84	96,998	6,928,890	71.40
4-5	0.0086	96,956	83	96,914	6,831,892	70.46
5-6	0.0074	96,873	72	96,837	6,734,978	69.52
6-7	0.0063	96,801	61	96,770	6,638,141	68.58
7-8	0.0053	96,740	51	96,714	6,541,371	67.62
8-9	0.0044	96,689	43	96,667	6,444,657	66.65
9-10	0.0038	96,646	37	96,628	6,347,990	65.68
10-11	0.0033	96,609	31	96,594	6,251,362	64.71
11-12	0.0031	96,578	30	96,563	6,154,768	63.73
12-13	0.0031	96,548	30	96,533	6,058,205	62.75
13-14	0.0036	96,518	35	96,500	5,961,672	61.77
14-15	0.0044	96,483	42	96,462	5,865,172	60.79
15-16	0.0055	96,441	54	96,414	5,768,710	59.82
16-17	0.0065	96,387	62	96,356	5,672,296	58.85
17-18	0.0073	96,325	71	96,290	5,575,940	57.89
18-19	0.0078	96,254	75	96,217	5,479,650	56.93
19-20	0.0082	96,179	78	96,140	5,383,433	55.97
20-21	0.0086	96,101	83	96,059	5,287,293	55.02
21-22	0.0089	96,018	86	95,975	5,191,234	54.07
22-23	0.0092	95,932	88	95,888	5,095,259	53.11
23-24	0.0095	95,844	91	95,799	4,999,371	52.16
24-25	0.0098	95,753	94	95,706	4,903,572	51.21
25-26	0.0101	95,659	96	95,611	4,807,866	50.26
26-27	0.0104	95,563	100	95,513	4,712,255	49.31
27-28	0.0109	95,463	104	95,411	4,616,742	48.36
28-29	0.0115	95,359	109	95,304	4,521,331	47.41
29-30	0.0121	95,250	116	95,192	4,426,027	46.47
30-31	0.0129	95,134	122	95,073	4,330,835	45.52
31-32	0.0136	95,012	130	94,947	4,235,762	44.58
32-33	0.0144	94,882	136	94,814	4,140,815	43.64
33-34	0.0151	94,746	143	94,674	4,046,001	42.70
34-35	0.0158	94,603	150	94,528	3,951,327	41.77
35-36	0.0165	94,453	156	94,375	3,856,799	40.83
36-37	0.0173	94,297	163	94,216	3,762,424	39.90
37-38	0.0185	94,134	174	94,047	3,668,208	38.97
38-39	0.0199	93,960	187	93,867	3,574,161	38.04
39-40	0.0216	93,773	202	93,672	3,480,294	37.11
40-41	0.0235	93,571	220	93,461	3,386,622	36.19
41-42	0.0255	93,351	238	93,232	3,293,161	35.28
42-43	0.0277	93,113	258	92,984	3,199,929	34.37
43-44	0.0300	92,855	279	92,715	3,106,945	33.46
44-45	0.0326	92,576	302	92,425	3,014,230	32.56
45-46	0.0352	92,274	324	92,112	2,921,805	31.66
46-47	0.0380	91,950	350	91,775	2,829,693	30.77
47-48	0.0409	91,600	375	91,413	2,737,918	29.89
48-49	0.0437	91,225	398	91,026	2,646,505	29.01
49-50	0.0463	90,827	421	90,617	2,555,479	28.14
50-51	0.0492	90,406	444	90,184	2,464,862	27.26
51-52	0.0526	89,962	474	89,725	2,374,678	26.40
52-53	0.0567	89,488	507	89,235	2,284,953	25.53
53-54	0.0615	88,981	547	88,707	2,195,718	24.68
54-55	0.0667	88,434	590	88,139	2,107,011	23.83

TABLE 2. LIFE TABLE FOR WHITE FEMALES: ALABAMA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00725	87,844	637	87,525	2,018,872	22.98
56-57	.00793	87,207	692	86,861	1,931,347	22.15
57-58	.00870	86,515	752	86,139	1,844,486	21.32
58-59	.00955	85,763	819	85,353	1,758,347	20.50
59-60	.01046	84,944	889	84,499	1,672,994	19.70
60-61	.01147	84,055	964	83,573	1,588,495	18.90
61-62	.01264	83,091	1,050	82,566	1,504,922	18.11
62-63	.01400	82,041	1,149	81,467	1,422,356	17.34
63-64	.01548	80,892	1,252	80,266	1,340,889	16.58
64-65	.01704	79,640	1,357	78,961	1,260,623	15.83
65-66	.01881	78,283	1,473	77,547	1,181,662	15.09
66-67	.02090	76,810	1,605	76,008	1,104,115	14.37
67-68	.02345	75,205	1,763	74,323	1,028,107	13.67
68-69	.02653	73,442	1,949	72,467	953,784	12.99
69-70	.03006	71,493	2,149	70,419	881,317	12.33
70-71	.03391	69,344	2,351	68,168	810,898	11.69
71-72	.03797	66,993	2,544	65,721	742,730	11.09
72-73	.04211	64,449	2,714	63,092	677,009	10.50
73-74	.04595	61,735	2,837	60,317	613,917	9.94
74-75	.04958	58,898	2,920	57,438	553,600	9.40
75-76	.05356	55,978	2,998	54,479	496,162	8.86
76-77	.05845	52,980	3,097	51,432	441,683	8.34
77-78	.06481	49,883	3,233	48,267	390,251	7.82
78-79	.07302	46,650	3,406	44,947	341,984	7.33
79-80	.08270	43,244	3,576	41,456	297,037	6.87
80-81	.09328	39,668	3,701	37,817	255,581	6.44
81-82	.10422	35,967	3,748	34,093	217,764	6.05
82-83	.11494	32,219	3,703	30,367	183,671	5.70
83-84	.12545	28,516	3,578	26,727	153,304	5.38
84-85	.13613	24,938	3,395	23,241	126,577	5.08
85-86	.14697	21,543	3,166	19,960	103,336	4.80
86-87	.15795	18,377	2,902	16,926	83,376	4.54
87-88	.16907	15,475	2,617	14,166	66,450	4.29
88-89	.17979	12,858	2,312	11,702	52,284	4.07
89-90	.19011	10,546	2,005	9,544	40,582	3.85
90-91	.20085	8,541	1,715	7,684	31,038	3.63
91-92	.21281	6,826	1,453	6,100	23,354	3.42
92-93	.22680	5,373	1,218	4,764	17,254	3.21
93-94	.24328	4,155	1,011	3,649	12,490	3.01
94-95	.26170	3,144	823	2,733	8,841	2.81
95-96	.28138	2,321	653	1,995	6,108	2.63
96-97	.30166	1,668	503	1,416	4,113	2.47
97-98	.32185	1,165	375	977	2,697	2.31
98-99	.34240	790	271	655	1,720	2.18
99-100	.36377	519	189	425	1,065	2.05
100-101	.38528	330	127	267	640	1.93
101-102	.40625	203	82	162	373	1.83
102-103	.42600	121	52	95	211	1.74
103-104	.44423	69	31	54	116	1.66
104-105	.46138	38	17	30	62	1.59
105-106	.47792	21	10	16	32	1.52
106-107	.49431	11	6	8	16	1.46
107-108	.51100	5	2	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: ALABAMA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.05553	100,000	5,333	95,556	5,854,116	58.34
1-2	0.00468	94,667	443	94,445	5,738,560	60.62
2-3	0.00285	94,224	269	94,090	5,644,115	59.90
3-4	0.00158	93,955	148	93,881	5,550,025	59.07
4-5	0.00118	93,807	111	93,752	5,456,144	58.16
5-6	0.00106	93,696	99	93,647	5,362,392	57.23
6-7	0.00095	93,597	89	93,553	5,268,745	56.29
7-8	0.00087	93,508	81	93,467	5,175,192	55.34
8-9	0.00081	93,427	76	93,389	5,081,725	54.39
9-10	0.00079	93,351	74	93,314	4,988,536	53.44
10-11	0.00081	93,277	75	93,239	4,895,022	52.48
11-12	0.00087	93,202	81	93,161	4,801,783	51.52
12-13	0.00098	93,121	92	93,075	4,708,622	50.56
13-14	0.00114	93,029	106	92,976	4,615,547	49.61
14-15	0.00136	92,923	126	92,860	4,522,571	48.67
15-16	0.00161	92,797	149	92,722	4,429,711	47.74
16-17	0.00192	92,648	178	92,559	4,336,989	46.81
17-18	0.00227	92,470	210	92,365	4,244,430	45.90
18-19	0.00272	92,260	251	92,134	4,152,065	45.00
19-20	0.00327	92,009	301	91,858	4,059,931	44.13
20-21	0.00383	91,708	351	91,532	3,968,073	43.27
21-22	0.00434	91,357	397	91,158	3,876,541	42.43
22-23	0.00471	90,960	428	90,746	3,785,383	41.62
23-24	0.00490	90,532	444	90,310	3,694,637	40.81
24-25	0.00495	90,088	446	89,865	3,604,327	40.01
25-26	0.00496	89,642	444	89,420	3,514,462	39.21
26-27	0.00497	89,198	444	88,976	3,425,042	38.40
27-28	0.00499	88,754	443	88,533	3,336,066	37.59
28-29	0.00507	88,311	447	88,088	3,247,533	36.77
29-30	0.00514	87,864	452	87,638	3,159,445	35.96
30-31	0.00523	87,412	457	87,183	3,071,807	35.14
31-32	0.00536	86,955	466	86,722	2,984,624	34.32
32-33	0.00555	86,489	480	86,249	2,897,902	33.51
33-34	0.00580	86,009	499	85,759	2,811,653	32.69
34-35	0.00609	85,510	521	85,250	2,725,894	31.88
35-36	0.00643	84,989	546	84,716	2,640,644	31.07
36-37	0.00680	84,443	574	84,156	2,555,928	30.27
37-38	0.00719	83,869	604	83,567	2,471,772	29.47
38-39	0.00756	83,265	629	82,951	2,388,205	28.68
39-40	0.00790	82,636	653	82,310	2,305,254	27.90
40-41	0.00830	81,983	680	81,643	2,222,944	27.11
41-42	0.00883	81,303	718	80,944	2,141,301	26.34
42-43	0.00957	80,585	771	80,199	2,060,357	25.57
43-44	0.01053	79,814	841	79,393	1,980,158	24.81
44-45	0.01166	78,973	921	78,513	1,900,765	24.07
45-46	0.01294	78,052	1,010	77,547	1,822,252	23.35
46-47	0.01435	77,042	1,105	76,490	1,744,705	22.65
47-48	0.01585	75,937	1,204	75,335	1,668,215	21.97
48-49	0.01747	74,733	1,305	74,080	1,592,880	21.31
49-50	0.01923	73,428	1,412	72,722	1,518,800	20.68
50-51	0.02110	72,016	1,520	71,256	1,446,078	20.08
51-52	0.02304	70,496	1,624	69,684	1,374,822	19.50
52-53	0.02501	68,872	1,723	68,011	1,305,138	18.95
53-54	0.02711	67,149	1,820	66,239	1,237,127	18.42
54-55	0.02937	65,329	1,919	64,370	1,170,888	17.92

TABLE 3. LIFE TABLE FOR NONWHITE MALES: ALABAMA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.03164	63,410	2,006	62,407	1,106,518	17.45
56-57	.03379	61,404	2,075	60,367	1,044,111	17.00
57-58	.03567	59,329	2,116	58,271	983,744	16.58
58-59	.03725	57,213	2,131	56,147	925,473	16.18
59-60	.03863	55,082	2,128	54,018	869,326	15.78
60-61	.03985	52,954	2,110	51,899	815,308	15.40
61-62	.04098	50,844	2,084	49,802	763,409	15.01
62-63	.04209	48,760	2,052	47,734	713,607	14.64
63-64	.04311	46,708	2,014	45,701	665,873	14.26
64-65	.04400	44,694	1,966	43,711	620,172	13.88
65-66	.04485	42,728	1,917	41,769	576,461	13.49
66-67	.04576	40,811	1,867	39,878	534,692	13.10
67-68	.04680	38,944	1,823	38,032	494,814	12.71
68-69	.04788	37,121	1,777	36,233	456,782	12.31
69-70	.04894	35,344	1,730	34,479	420,549	11.90
70-71	.05013	33,614	1,685	32,772	386,070	11.49
71-72	.05160	31,929	1,648	31,105	353,298	11.07
72-73	.05350	30,281	1,620	29,471	322,193	10.64
73-74	.05580	28,661	1,599	27,862	292,722	10.21
74-75	.05839	27,062	1,580	26,272	264,860	9.79
75-76	.06134	25,482	1,563	24,700	238,588	9.36
76-77	.06468	23,919	1,547	23,145	213,888	8.94
77-78	.06849	22,372	1,532	21,606	190,743	8.53
78-79	.07267	20,840	1,515	20,082	169,137	8.12
79-80	.07720	19,325	1,492	18,579	149,055	7.71
80-81	.08218	17,833	1,465	17,101	130,476	7.32
81-82	.08776	16,368	1,437	15,650	113,375	6.93
82-83	.09404	14,931	1,404	14,229	97,725	6.54
83-84	.10062	13,527	1,361	12,847	83,496	6.17
84-85	.10742	12,166	1,307	11,513	70,649	5.81
85-86	.11505	10,859	1,249	10,235	59,136	5.45
86-87	.12413	9,610	1,193	9,013	48,901	5.09
87-88	.13528	8,417	1,139	7,848	39,888	4.74
88-89	.14881	7,278	1,083	6,737	32,040	4.40
89-90	.16433	6,195	1,018	5,686	25,303	4.08
90-91	.18133	5,177	939	4,708	19,617	3.79
91-92	.19934	4,238	844	3,816	14,909	3.52
92-93	.21787	3,394	740	3,024	11,093	3.27
93-94	.23724	2,654	630	2,339	8,069	3.04
94-95	.25778	2,024	521	1,764	5,730	2.83
95-96	.27900	1,503	420	1,293	3,966	2.64
96-97	.30041	1,083	325	921	2,673	2.47
97-98	.32153	758	244	636	1,752	2.31
98-99	.34268	514	176	426	1,116	2.17
99-100	.36419	338	123	276	690	2.05
100-101	.38557	215	83	173	414	1.93
101-102	.40634	132	54	105	241	1.83
102-103	.42600	78	33	62	136	1.74
103-104	.44425	45	20	35	74	1.66
104-105	.46140	25	12	19	39	1.59
105-106	.47793	13	6	10	20	1.52
106-107	.49431	7	3	5	10	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: ALABAMA, 1949-51.

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^a
0-1	0.04592	100,000	4,392	96,377	6,177,247	61.77
1-2	.00383	95,608	366	95,425	6,080,870	63.60
2-3	.00179	95,242	171	95,157	5,985,445	62.84
3-4	.00150	95,071	142	95,000	5,890,288	61.96
4-5	.00106	94,929	101	94,878	5,795,288	61.05
5-6	.00096	94,828	91	94,783	5,700,410	60.11
6-7	.00086	94,737	81	94,696	5,605,627	59.17
7-8	.00078	94,656	74	94,619	5,510,931	58.22
8-9	.00071	94,582	67	94,548	5,416,512	57.27
9-10	.00067	94,515	64	94,483	5,321,764	56.31
10-11	.00066	94,451	62	94,420	5,227,281	55.34
11-12	.00069	94,389	65	94,356	5,132,861	54.38
12-13	.00076	94,324	72	94,288	5,038,505	53.42
13-14	.00088	94,252	83	94,211	4,944,217	52.46
14-15	.00106	94,169	100	94,119	4,850,006	51.50
15-16	.00127	94,069	119	94,010	4,755,887	50.56
16-17	.00150	93,950	141	93,879	4,661,877	49.62
17-18	.00174	93,809	163	93,727	4,567,998	48.69
18-19	.00201	93,646	188	93,552	4,474,271	47.78
19-20	.00230	93,458	215	93,350	4,380,719	46.87
20-21	.00261	93,243	244	93,121	4,287,569	45.98
21-22	.00291	92,999	270	92,864	4,194,248	45.10
22-23	.00319	92,729	296	92,581	4,101,384	44.23
23-24	.00343	92,433	317	92,274	4,008,803	43.37
24-25	.00366	92,116	337	91,947	3,916,529	42.52
25-26	.00387	91,779	356	91,601	3,824,582	41.67
26-27	.00408	91,423	373	91,237	3,732,981	40.83
27-28	.00430	91,050	391	90,855	3,641,744	40.00
28-29	.00452	90,659	410	90,454	3,550,889	39.17
29-30	.00473	90,249	427	90,036	3,460,435	38.34
30-31	.00494	89,822	443	89,600	3,370,399	37.52
31-32	.00516	89,379	462	89,148	3,280,799	36.71
32-33	.00541	88,917	481	88,677	3,191,651	35.89
33-34	.00567	88,436	501	88,186	3,102,974	35.09
34-35	.00595	87,935	523	87,673	3,014,788	34.28
35-36	.00624	87,412	546	87,139	2,927,115	33.49
36-37	.00655	86,866	569	86,582	2,839,976	32.69
37-38	.00689	86,297	594	86,000	2,753,394	31.91
38-39	.00723	85,703	620	85,393	2,667,394	31.12
39-40	.00756	85,083	643	84,761	2,582,001	30.35
40-41	.00793	84,440	670	84,105	2,497,240	29.57
41-42	.00839	83,770	703	83,419	2,413,135	28.81
42-43	.00899	83,067	746	82,694	2,329,716	28.05
43-44	.00974	82,321	802	81,920	2,247,022	27.30
44-45	.01061	81,519	865	81,086	2,165,102	26.56
45-46	.01158	80,654	934	80,187	2,084,016	25.84
46-47	.01264	79,720	1,008	79,216	2,003,829	25.14
47-48	.01378	78,712	1,084	78,170	1,924,613	24.45
48-49	.01501	77,628	1,166	77,045	1,846,443	23.79
49-50	.01633	76,462	1,248	75,858	1,769,398	23.14
50-51	.01774	75,214	1,335	74,547	1,693,560	22.52
51-52	.01920	73,879	1,418	73,170	1,619,013	21.91
52-53	.02071	72,461	1,501	71,711	1,545,843	21.33
53-54	.02233	70,960	1,584	70,168	1,474,132	20.77
54-55	.02406	69,376	1,669	68,541	1,403,964	20.24

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: ALABAMA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.02582	67,707	1,749	66,832	1,355,423	19.72
56-57	.02750	65,958	1,813	65,051	1,268,591	19.23
57-58	.02899	64,145	1,860	63,215	1,203,540	18.76
58-59	.03028	62,285	1,886	61,342	1,140,325	18.31
59-60	.03143	60,399	1,898	59,450	1,078,983	17.86
60-61	.03248	58,501	1,900	57,551	1,019,533	17.43
61-62	.03345	56,601	1,894	55,654	961,982	17.00
62-63	.03438	54,707	1,881	53,767	906,328	16.57
63-64	.03523	52,826	1,861	51,896	852,561	16.14
64-65	.03598	50,965	1,853	50,048	800,665	15.71
65-66	.03668	49,132	1,803	48,231	750,617	15.28
66-67	.03739	47,329	1,769	46,445	702,586	14.84
67-68	.03816	45,560	1,739	44,691	655,941	14.40
68-69	.03888	43,821	1,704	42,969	611,250	13.95
69-70	.03953	42,117	1,664	41,285	568,281	13.49
70-71	.04025	40,453	1,629	39,638	526,996	13.03
71-72	.04119	38,824	1,599	38,025	487,358	12.55
72-73	.04250	37,225	1,582	36,434	449,333	12.07
73-74	.04409	35,643	1,571	34,857	412,899	11.58
74-75	.04587	34,072	1,563	33,290	378,042	11.10
75-76	.04796	32,509	1,559	31,729	344,752	10.60
76-77	.05048	30,950	1,563	30,168	313,023	10.11
77-78	.05356	29,387	1,574	28,600	282,855	9.63
78-79	.05716	27,813	1,590	27,018	254,255	9.14
79-80	.06120	26,223	1,604	25,421	227,237	8.67
80-81	.06574	24,619	1,619	23,809	201,816	8.20
81-82	.07083	23,000	1,629	22,186	178,007	7.74
82-83	.07654	21,371	1,636	20,553	155,821	7.29
83-84	.08228	19,735	1,623	18,923	135,268	6.85
84-85	.08803	18,112	1,595	17,314	116,345	6.42
85-86	.09463	16,517	1,563	15,736	99,031	6.00
86-87	.10297	14,954	1,540	14,184	83,295	5.57
87-88	.11390	13,414	1,528	12,650	69,111	5.15
88-89	.12784	11,886	1,519	11,127	56,461	4.75
89-90	.14421	10,367	1,495	9,619	45,334	4.37
90-91	.16240	8,872	1,441	8,151	35,715	4.03
91-92	.18178	7,431	1,351	6,756	27,564	3.71
92-93	.20174	6,080	1,226	5,467	20,808	3.42
93-94	.22269	4,854	1,081	4,313	15,341	3.16
94-95	.24504	3,773	925	3,311	11,028	2.92
95-96	.26818	2,848	764	2,466	7,717	2.71
96-97	.29148	2,084	607	1,781	5,251	2.52
97-98	.31434	1,477	464	1,245	3,470	2.35
98-99	.33716	1,013	342	842	2,225	2.20
99-100	.36035	671	242	550	1,383	2.06
100-101	.38330	429	164	347	833	1.94
101-102	.40539	265	108	211	486	1.83
102-103	.42600	157	67	124	275	1.74
103-104	.44471	90	40	70	151	1.66
104-105	.46192	50	23	39	81	1.59
105-106	.47828	27	13	21	42	1.52
106-107	.49443	14	7	11	21	1.46
107-108	.51100	7	4	5	10	1.40
108-109	.52810	3	1	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00194. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.94 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,394 will complete the first year of life and enter the second; 96,183 will begin the third year; 94,262 will reach age 21; and 39,542 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,606 die in the first year of life, 211 in the second year, 183 in the twenty-second year, and 2,922 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,171. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,171 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,593,404 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,597,734.

*Column 7—Average remaining lifetime (e_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,171 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,262 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,593,404) is the total number of years lived after attaining age 21 by the 94,262 reaching that age. This number of years divided by the number of persons (4,593,404 divided by 94,262) gives 48.73 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Arizona
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Arizona Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 63.31 years for white males and 71.38 years for white females. This State ranks 48th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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STATE LIFE TABLES

AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
 (States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: ARIZONA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	L_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04234	100,000	4,234	96,276	6,330,943	63.31
1-2	.00366	95,766	351	95,591	6,234,667	65.10
2-3	.00224	95,415	213	95,309	6,139,076	64.34
3-4	.00154	95,202	147	95,128	6,043,767	63.48
4-5	.00148	95,055	141	94,985	5,948,639	62.58
5-6	.00123	94,914	116	94,856	5,853,654	61.67
6-7	.00101	94,798	96	94,750	5,758,798	60.75
7-8	.00083	94,702	79	94,663	5,664,048	59.81
8-9	.00069	94,623	65	94,591	5,569,385	58.86
9-10	.00059	94,558	56	94,530	5,474,794	57.90
10-11	.00055	94,502	52	94,476	5,380,264	56.93
11-12	.00056	94,450	53	94,424	5,285,788	55.96
12-13	.00063	94,397	59	94,368	5,191,364	55.00
13-14	.00079	94,338	75	94,301	5,096,996	54.03
14-15	.00104	94,263	98	94,214	5,002,695	53.07
15-16	.00133	94,165	125	94,103	4,908,481	52.13
16-17	.00161	94,040	151	93,964	4,814,378	51.20
17-18	.00184	93,889	173	93,802	4,720,414	50.28
18-19	.00202	93,716	189	93,621	4,626,612	49.37
19-20	.00218	93,527	204	93,425	4,532,991	48.47
20-21	.00231	93,323	216	93,215	4,439,566	47.57
21-22	.00244	93,107	227	92,994	4,346,351	46.68
22-23	.00254	92,880	236	92,762	4,253,357	45.79
23-24	.00262	92,644	243	92,523	4,160,595	44.91
24-25	.00267	92,401	246	92,278	4,068,072	44.03
25-26	.00271	92,155	250	92,030	3,975,794	43.14
26-27	.00275	91,905	253	91,779	3,883,764	42.26
27-28	.00282	91,652	258	91,523	3,791,985	41.37
28-29	.00290	91,394	265	91,261	3,700,462	40.49
29-30	.00299	91,129	273	90,992	3,609,201	39.61
30-31	.00309	90,856	281	90,716	3,518,209	38.72
31-32	.00322	90,575	291	90,430	3,427,493	37.84
32-33	.00337	90,284	304	90,132	3,337,063	36.96
33-34	.00355	89,980	320	89,820	3,246,931	36.09
34-35	.00375	89,660	336	89,492	3,157,111	35.21
35-36	.00397	89,324	355	89,147	3,067,619	34.34
36-37	.00423	88,969	376	88,781	2,978,472	33.48
37-38	.00451	88,593	400	88,393	2,889,691	32.62
38-39	.00482	88,193	425	87,981	2,801,298	31.76
39-40	.00516	87,768	453	87,542	2,713,317	30.91
40-41	.00552	87,315	482	87,074	2,625,775	30.07
41-42	.00593	86,833	514	86,576	2,538,701	29.24
42-43	.00638	86,319	551	86,043	2,452,125	28.41
43-44	.00685	85,768	588	85,474	2,366,082	27.59
44-45	.00732	85,180	623	84,869	2,280,608	26.77
45-46	.00785	84,557	664	84,225	2,195,739	25.97
46-47	.00848	83,893	711	83,537	2,111,514	25.17
47-48	.00925	83,182	770	82,797	2,027,977	24.38
48-49	.01017	82,412	838	81,993	1,945,180	23.60
49-50	.01121	81,574	914	81,117	1,863,187	22.84
50-51	.01235	80,660	997	80,162	1,782,070	22.09
51-52	.01359	79,663	1,082	79,122	1,701,908	21.36
52-53	.01490	78,581	1,171	77,995	1,622,786	20.65
53-54	.01631	77,410	1,263	76,779	1,544,791	19.96
54-55	.01782	76,147	1,357	75,469	1,468,012	19.28

TABLE 1. LIFE TABLE FOR WHITE MALES: ARIZONA, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01940	74,790	1,450	74,065	1,392,543	18.62
56-57	.02103	73,340	1,543	72,568	1,318,478	17.98
57-58	.02266	71,797	1,627	70,984	1,245,910	17.35
58-59	.02426	70,170	1,702	69,319	1,174,926	16.74
59-60	.02586	68,468	1,771	67,583	1,105,607	16.15
60-61	.02750	66,697	1,834	65,780	1,038,024	15.56
61-62	.02925	64,863	1,897	63,915	972,244	14.99
62-63	.03116	62,966	1,962	61,985	908,329	14.43
63-64	.03322	61,004	2,027	59,991	846,344	13.87
64-65	.03540	58,977	2,087	57,933	786,353	13.33
65-66	.03771	56,890	2,146	55,817	728,420	12.80
66-67	.04015	54,744	2,198	53,645	672,603	12.29
67-68	.04275	52,546	2,246	51,423	618,958	11.78
68-69	.04527	50,300	2,277	49,161	567,535	11.28
69-70	.04771	48,023	2,291	46,877	518,374	10.79
70-71	.05041	45,732	2,306	44,579	471,497	10.31
71-72	.05370	43,426	2,332	42,260	426,918	9.83
72-73	.05792	41,094	2,380	39,904	384,658	9.36
73-74	.06349	38,714	2,458	37,485	344,754	8.91
74-75	.07019	36,256	2,545	34,984	307,269	8.47
75-76	.07738	33,711	2,608	32,407	272,285	8.08
76-77	.08443	31,103	2,626	29,790	239,878	7.71
77-78	.09071	28,477	2,583	27,185	210,088	7.38
78-79	.09566	25,894	2,477	24,655	182,903	7.06
79-80	.09971	23,417	2,335	22,249	158,248	6.76
80-81	.10369	21,082	2,186	19,989	135,999	6.45
81-82	.10841	18,896	2,049	17,872	116,010	6.14
82-83	.11471	16,847	1,932	15,881	98,138	5.83
83-84	.12297	14,915	1,834	13,998	82,257	5.52
84-85	.13264	13,081	1,735	12,213	68,259	5.22
85-86	.14314	11,346	1,624	10,534	56,046	4.94
86-87	.15389	9,722	1,496	8,974	45,512	4.68
87-88	.16431	8,226	1,352	7,550	36,538	4.44
88-89	.17365	6,874	1,194	6,277	28,988	4.22
89-90	.18230	5,680	1,035	5,163	22,711	4.00
90-91	.19138	4,645	889	4,200	17,548	3.78
91-92	.20203	3,756	759	3,377	13,348	3.55
92-93	.21538	2,997	645	2,674	9,971	3.33
93-94	.23202	2,352	546	2,079	7,297	3.10
94-95	.25120	1,806	454	1,579	5,218	2.89
95-96	.27202	1,352	368	1,168	3,639	2.69
96-97	.29360	984	289	840	2,471	2.51
97-98	.31503	695	219	586	1,631	2.35
98-99	.33692	476	160	396	1,045	2.20
99-100	.35985	316	114	259	649	2.06
100-101	.38294	202	77	163	390	1.94
101-102	.40529	125	51	99	227	1.83
102-103	.42600	74	31	58	128	1.74
103-104	.44466	43	19	33	70	1.66
104-105	.46187	24	11	18	37	1.59
105-106	.47825	13	6	10	19	1.52
106-107	.49442	7	4	5	9	1.46
107-108	.51100	3	1	2	4	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: ARIZONA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	L_x	d_x	L_x	T_x	e_x^c
0-1	0.03429	100,000	3,429	97,037	7,137,781	71.38
1-2	0.0326	96,571	315	96,414	7,040,744	72.91
2-3	0.0174	96,256	167	96,172	6,944,330	72.14
3-4	0.0113	96,089	109	96,034	6,848,158	71.27
4-5	0.0096	95,980	92	95,934	6,752,124	70.35
5-6	0.0084	95,888	81	95,848	6,656,190	69.42
6-7	0.0075	95,807	71	95,771	6,560,342	68.47
7-8	0.0067	95,736	65	95,703	6,464,571	67.52
8-9	0.0061	95,671	58	95,642	6,368,868	66.57
9-10	0.0058	95,613	55	95,585	6,273,226	65.61
10-11	0.0057	95,558	55	95,530	6,177,641	64.55
11-12	0.0058	95,503	55	95,475	6,082,111	63.69
12-13	0.0061	95,448	58	95,419	5,986,636	62.72
13-14	0.0068	95,390	65	95,357	5,891,217	61.76
14-15	0.0079	95,325	76	95,287	5,795,860	60.80
15-16	0.0092	95,249	87	95,206	5,700,573	59.85
16-17	0.0103	95,162	98	95,113	5,605,367	58.90
17-18	0.0111	95,064	106	95,011	5,510,254	57.96
18-19	0.0114	94,958	108	94,904	5,415,243	57.03
19-20	0.0114	94,850	108	94,796	5,320,339	56.09
20-21	0.0115	94,742	109	94,687	5,225,543	55.16
21-22	0.0115	94,633	109	94,578	5,130,856	54.22
22-23	0.0116	94,524	110	94,469	5,036,278	53.28
23-24	0.0122	94,414	115	94,357	4,941,809	52.34
24-25	0.0131	94,299	123	94,237	4,847,452	51.41
25-26	0.0141	94,176	133	94,109	4,753,215	50.47
26-27	0.0151	94,043	142	93,972	4,659,106	49.54
27-28	0.0160	93,901	150	93,826	4,565,134	48.62
28-29	0.0167	93,751	157	93,672	4,471,308	47.69
29-30	0.0173	93,594	162	93,513	4,377,636	46.77
30-31	0.0179	93,432	167	93,349	4,284,123	45.85
31-32	0.0185	93,265	173	93,179	4,190,774	44.93
32-33	0.0193	93,092	179	93,003	4,097,595	44.02
33-34	0.0200	92,913	186	92,820	4,004,592	43.10
34-35	0.0207	92,727	192	92,631	3,911,772	42.19
35-36	0.0215	92,535	199	92,435	3,819,141	41.27
36-37	0.0226	92,336	209	92,232	3,726,706	40.36
37-38	0.0244	92,127	224	92,015	3,634,474	39.45
38-39	0.0271	91,903	250	91,778	3,542,459	38.55
39-40	0.0305	91,653	279	91,514	3,450,681	37.65
40-41	0.0342	91,374	313	91,218	3,359,167	36.76
41-42	0.0378	91,061	344	90,889	3,267,949	35.89
42-43	0.0406	90,717	368	90,533	3,177,060	35.02
43-44	0.0425	90,349	384	90,157	3,086,527	34.16
44-45	0.0439	89,965	395	89,767	2,996,370	33.31
45-46	0.0450	89,570	403	89,368	2,906,603	32.45
46-47	0.0462	89,167	412	88,961	2,817,235	31.60
47-48	0.0478	88,755	424	88,543	2,728,274	30.74
48-49	0.0497	88,331	439	88,111	2,639,731	29.88
49-50	0.0515	87,892	453	87,665	2,551,620	29.03
50-51	0.0537	87,439	470	87,204	2,463,955	28.18
51-52	0.0566	86,969	492	86,723	2,376,751	27.33
52-53	0.0604	86,477	522	86,216	2,290,028	26.48
53-54	0.0652	85,955	560	85,675	2,203,812	25.64
54-55	0.0708	85,395	605	85,092	2,118,137	24.80

TABLE 2. LIFE TABLE FOR WHITE FEMALES: ARIZONA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00771	84,790	654	84,463	2,033,045	23.98
56-57	.00843	84,136	709	83,782	1,948,582	23.16
57-58	.00923	83,427	770	83,042	1,864,800	22.35
58-59	.01014	82,657	838	82,238	1,781,758	21.56
59-60	.01114	81,819	912	81,363	1,699,520	20.77
60-61	.01222	80,907	988	80,413	1,618,157	20.00
61-62	.01335	79,919	1,067	79,385	1,537,744	19.24
62-63	.01451	78,852	1,144	78,280	1,458,359	18.49
63-64	.01554	77,708	1,208	77,104	1,380,079	17.76
64-65	.01647	76,500	1,260	75,870	1,302,975	17.03
65-66	.01752	75,240	1,318	74,581	1,227,105	16.31
66-67	.01889	73,922	1,397	73,224	1,152,524	15.59
67-68	.02082	72,525	1,510	71,770	1,079,300	14.88
68-69	.02344	71,015	1,664	70,183	1,007,530	14.19
69-70	.02662	69,351	1,846	68,428	937,347	13.52
70-71	.03013	67,505	2,034	66,488	868,919	12.87
71-72	.03374	65,471	2,209	64,366	802,431	12.26
72-73	.03724	63,262	2,356	62,084	738,065	11.67
73-74	.04047	60,906	2,465	59,674	675,981	11.10
74-75	.04358	58,441	2,547	57,168	616,307	10.55
75-76	.04681	55,894	2,616	54,586	559,139	10.00
76-77	.05036	53,278	2,683	51,936	504,553	9.47
77-78	.05448	50,595	2,757	49,217	452,617	8.95
78-79	.05853	47,838	2,800	46,438	403,400	8.43
79-80	.06236	45,038	2,808	43,634	356,962	7.93
80-81	.06692	42,230	2,826	40,817	313,328	7.42
81-82	.07314	39,404	2,882	37,963	272,511	6.92
82-83	.08197	36,522	2,994	35,025	234,548	6.42
83-84	.09467	33,528	3,174	31,941	199,523	5.95
84-85	.11061	30,354	3,357	28,675	167,582	5.52
85-86	.12791	26,997	3,454	25,270	138,907	5.15
86-87	.14467	23,543	3,406	21,840	113,637	4.83
87-88	.15900	20,137	3,201	18,536	91,797	4.56
88-89	.16956	16,936	2,872	15,500	73,261	4.33
89-90	.17760	14,064	2,498	12,815	57,761	4.11
90-91	.18515	11,566	2,141	10,495	44,946	3.89
91-92	.19424	9,425	1,831	8,509	34,451	3.66
92-93	.20690	7,594	1,571	6,808	25,942	3.42
93-94	.22382	6,023	1,348	5,349	19,134	3.18
94-95	.24366	4,675	1,139	4,105	13,785	2.95
95-96	.26536	3,536	938	3,067	9,680	2.74
96-97	.28791	2,598	748	2,224	6,613	2.55
97-98	.31026	1,850	574	1,563	4,389	2.37
98-99	.33311	1,276	425	1,063	2,826	2.21
99-100	.35714	851	304	699	1,763	2.07
100-101	.38132	547	209	443	1,064	1.94
101-102	.40462	338	137	270	621	1.83
102-103	.42600	201	85	159	351	1.74
103-104	.44497	116	52	90	192	1.66
104-105	.46221	64	29	49	102	1.59
105-106	.47848	35	17	26	53	1.52
106-107	.49449	18	9	14	27	1.46
107-108	.51100	9	5	7	13	1.40
108-109	.52810	4	2	3	6	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00244. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.44 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 95,766 will complete the first year of life and enter the second; 95,415 will begin the third year; 93,107 will reach age 21; and 33,711 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 4,234 die in the first year of life, 351 in the second year, 227 in the twenty-second year, and 2,608 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 92,994. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 92,994 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,346,351 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,330,943.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 92,994 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,107 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,346,351) is the total number of years lived after attaining age 21 by the 93,107 reaching that age. This number of years divided by the number of persons (4,346,351 divided by 93,107) gives 46.68 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Arkansas

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Arkansas Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 67.83 years for white males, 73.49 years for white females, 62.81 years for nonwhite males, and 65.51 years for nonwhite females. The State ranks seventh among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: ARKANSAS, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03140	100,000	3,140	97,239	6,183,335	67.83
1-2	.00247	96,860	239	96,740	6,686,156	69.03
2-3	.00159	96,621	154	96,544	6,589,416	68.20
3-4	.00127	96,467	122	96,406	6,492,872	67.31
4-5	.00092	96,345	89	96,300	6,396,466	66.39
5-6	.00087	96,256	84	96,214	6,300,166	65.45
6-7	.00082	96,172	79	96,133	6,203,952	64.51
7-8	.00077	96,093	74	96,056	6,107,819	63.56
8-9	.00073	96,019	70	95,984	6,011,763	62.61
9-10	.00071	95,949	68	95,915	5,915,779	61.66
10-11	.00070	95,881	67	95,848	5,819,864	60.70
11-12	.00071	95,814	68	95,780	5,724,016	59.74
12-13	.00074	95,746	71	95,711	5,628,236	58.78
13-14	.00080	95,675	76	95,637	5,532,525	57.83
14-15	.00087	95,599	84	95,557	5,436,888	56.87
15-16	.00097	95,515	92	95,469	5,341,331	55.92
16-17	.00108	95,423	103	95,371	5,245,862	54.97
17-18	.00121	95,320	116	95,262	5,150,491	54.03
18-19	.00137	95,204	130	95,139	5,055,229	53.10
19-20	.00158	95,074	150	94,999	4,960,090	52.17
20-21	.00178	94,924	169	94,839	4,865,091	51.25
21-22	.00196	94,755	186	94,662	4,770,252	50.34
22-23	.00208	94,569	197	94,471	4,675,590	49.44
23-24	.00212	94,372	200	94,272	4,581,119	48.54
24-25	.00209	94,172	197	94,074	4,486,847	47.65
25-26	.00204	93,975	191	93,880	4,392,773	46.74
26-27	.00199	93,784	187	93,690	4,298,893	45.84
27-28	.00197	93,597	184	93,505	4,205,203	44.93
28-29	.00198	93,413	185	93,320	4,111,698	44.02
29-30	.00200	93,228	187	93,135	4,018,378	43.10
30-31	.00203	93,041	189	92,947	3,925,243	42.19
31-32	.00209	92,852	194	92,755	3,832,296	41.27
32-33	.00216	92,658	200	92,558	3,739,541	40.36
33-34	.00226	92,458	209	92,354	3,646,983	39.44
34-35	.00238	92,249	219	92,140	3,554,629	38.53
35-36	.00251	92,030	231	91,914	3,462,489	37.62
36-37	.00267	91,799	245	91,676	3,370,575	36.72
37-38	.00285	91,554	261	91,423	3,278,899	35.81
38-39	.00304	91,293	278	91,154	3,187,476	34.91
39-40	.00324	91,015	295	90,868	3,096,322	34.02
40-41	.00347	90,720	314	90,563	3,005,454	33.13
41-42	.00373	90,406	338	90,237	2,914,891	32.24
42-43	.00404	90,068	364	89,886	2,824,654	31.36
43-44	.00438	89,704	392	89,508	2,734,768	30.49
44-45	.00475	89,312	425	89,099	2,645,260	29.62
45-46	.00517	88,887	459	88,658	2,556,161	28.76
46-47	.00566	88,428	501	88,177	2,467,503	27.90
47-48	.00625	87,927	549	87,652	2,379,326	27.06
48-49	.00695	87,378	608	87,074	2,291,674	26.23
49-50	.00774	86,770	671	86,435	2,204,600	25.41
50-51	.00860	86,099	741	85,729	2,118,165	24.60
51-52	.00952	85,358	812	84,952	2,032,436	23.81
52-53	.01047	84,546	885	84,103	1,947,484	23.03
53-54	.01147	83,661	960	83,181	1,863,381	22.27
54-55	.01252	82,701	1,035	82,183	1,780,200	21.53

TABLE 1. LIFE TABLE FOR WHITE MALES: ARKANSAS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01362	81,666	1,113	81,109	1,698,017	20.79
56-57	.01475	80,553	1,188	79,959	1,616,908	20.07
57-58	.01590	79,365	1,262	78,734	1,536,949	19.37
58-59	.01703	78,103	1,330	77,438	1,458,215	18.67
59-60	.01814	76,773	1,393	76,077	1,380,777	17.99
60-61	.01931	75,380	1,455	74,653	1,304,700	17.31
61-62	.02060	73,925	1,523	73,163	1,230,047	16.64
62-63	.02208	72,402	1,599	71,603	1,156,884	15.98
63-64	.02373	70,803	1,680	69,963	1,085,281	15.33
64-65	.02552	69,123	1,764	68,241	1,015,318	14.69
65-66	.02745	67,359	1,849	66,435	947,077	14.06
66-67	.02957	65,510	1,937	64,542	880,642	13.44
67-68	.03190	63,573	2,028	62,559	816,100	12.84
68-69	.03425	61,545	2,108	60,491	753,541	12.24
69-70	.03660	59,437	2,175	58,349	693,050	11.66
70-71	.03923	57,262	2,247	56,139	634,701	11.08
71-72	.04243	55,015	2,334	53,848	578,562	10.52
72-73	.04648	52,681	2,449	51,457	524,714	9.96
73-74	.05161	50,232	2,592	48,936	473,257	9.42
74-75	.05762	47,640	2,745	46,267	424,321	8.91
75-76	.06418	44,895	2,881	43,454	378,054	8.42
76-77	.07094	42,014	2,981	40,523	334,600	7.96
77-78	.07757	39,033	3,028	37,519	294,077	7.53
78-79	.08352	36,005	3,007	34,502	256,558	7.13
79-80	.08902	32,998	2,937	31,529	222,056	6.73
80-81	.09488	30,061	2,852	28,635	190,527	6.34
81-82	.10190	27,209	2,773	25,822	161,892	5.95
82-83	.11090	24,436	2,710	23,081	136,070	5.57
83-84	.12244	21,726	2,660	20,396	112,989	5.20
84-85	.13600	19,066	2,593	17,769	92,593	4.86
85-86	.15070	16,473	2,483	15,232	74,824	4.54
86-87	.16569	13,990	2,318	12,831	59,592	4.26
87-88	.18012	11,672	2,102	10,621	46,761	4.01
88-89	.19373	9,570	1,854	8,643	36,140	3.78
89-90	.20709	7,716	1,598	6,917	27,497	3.56
90-91	.22058	6,118	1,349	5,443	20,580	3.36
91-92	.23460	4,769	1,119	4,209	15,137	3.17
92-93	.24952	3,650	911	3,194	10,928	2.99
93-94	.26553	2,739	727	2,375	7,734	2.82
94-95	.28236	2,012	568	1,728	5,359	2.66
95-96	.29975	1,444	433	1,227	3,631	2.51
96-97	.31744	1,011	321	851	2,404	2.38
97-98	.33516	690	231	574	1,553	2.25
98-99	.35309	459	162	378	979	2.13
99-100	.37140	297	110	242	601	2.02
100-101	.38983	187	73	150	359	1.92
101-102	.40812	114	47	91	209	1.83
102-103	.42600	67	28	53	118	1.74
103-104	.44337	39	17	30	65	1.66
104-105	.46042	22	10	17	35	1.59
105-106	.47728	12	6	9	18	1.52
106-107	.49409	6	3	5	9	1.46
107-108	.51100	3	1	2	4	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

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TABLE 2. LIFE TABLE FOR WHITE FEMALES: ARKANSAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02392	100,000	2,392	97,933	7,348,888	73.49
1-2	0.0223	97,608	218	97,499	7,250,955	74.29
2-3	0.0149	97,390	145	97,318	7,153,456	73.45
3-4	0.0094	97,245	91	97,200	7,056,138	72.56
4-5	0.0089	97,154	87	97,111	6,958,938	71.63
5-6	0.0073	97,067	71	97,032	6,861,827	70.69
6-7	0.0060	96,996	58	96,967	6,764,795	69.74
7-8	0.0051	96,938	49	96,914	6,667,828	68.78
8-9	0.0044	96,889	43	96,868	6,570,914	67.82
9-10	0.0040	96,846	39	96,827	6,474,046	66.85
10-11	0.0038	96,807	36	96,789	6,377,219	65.88
11-12	0.0037	96,771	36	96,753	6,280,430	64.90
12-13	0.0038	96,735	37	96,717	6,183,677	63.92
13-14	0.0041	96,698	40	96,678	6,086,960	62.95
14-15	0.0046	96,658	44	96,636	5,990,282	61.97
15-16	0.0052	96,614	50	96,589	5,893,646	61.00
16-17	0.0059	96,564	57	96,535	5,797,057	60.03
17-18	0.0065	96,507	63	96,475	5,700,522	59.07
18-19	0.0071	96,444	68	96,410	5,604,047	58.11
19-20	0.0077	96,376	75	96,338	5,507,637	57.15
20-21	0.0083	96,301	80	96,261	5,411,299	56.19
21-22	0.0088	96,221	84	96,179	5,315,038	55.24
22-23	0.0093	96,137	90	96,092	5,218,859	54.29
23-24	0.0096	96,047	92	96,001	5,122,767	53.34
24-25	0.0097	95,955	93	95,909	5,026,766	52.39
25-26	0.0098	95,862	94	95,815	4,930,857	51.44
26-27	0.0100	95,768	96	95,720	4,835,042	50.49
27-28	0.0104	95,672	99	95,623	4,739,322	49.54
28-29	0.0111	95,573	106	95,520	4,643,699	48.59
29-30	0.0119	95,467	114	95,410	4,548,179	47.64
30-31	0.0129	95,353	123	95,292	4,452,769	46.70
31-32	0.0138	95,230	131	95,164	4,357,477	45.76
32-33	0.0145	95,099	138	95,030	4,262,313	44.82
33-34	0.0148	94,961	141	94,891	4,167,283	43.88
34-35	0.0149	94,820	141	94,750	4,072,392	42.95
35-36	0.0150	94,679	142	94,608	3,977,642	42.01
36-37	0.0152	94,537	144	94,465	3,883,034	41.07
37-38	0.0161	94,393	152	94,317	3,788,569	40.14
38-39	0.0177	94,241	166	94,158	3,694,252	39.20
39-40	0.0199	94,075	188	93,981	3,600,094	38.27
40-41	0.0224	93,887	210	93,782	3,506,113	37.34
41-42	0.0250	93,677	234	93,560	3,412,331	36.43
42-43	0.0274	93,443	256	93,315	3,318,771	35.52
43-44	0.0296	93,187	276	93,049	3,225,456	34.61
44-45	0.0318	92,911	295	92,763	3,132,407	33.71
45-46	0.0341	92,616	316	92,458	3,039,644	32.82
46-47	0.0364	92,300	336	92,132	2,947,186	31.93
47-48	0.0388	91,964	357	91,785	2,855,054	31.05
48-49	0.0412	91,607	378	91,418	2,763,269	30.16
49-50	0.0436	91,229	397	91,031	2,671,851	29.29
50-51	0.0462	90,832	420	90,622	2,580,820	28.41
51-52	0.0491	90,412	444	90,190	2,490,198	27.54
52-53	0.0525	89,968	472	89,732	2,400,008	26.68
53-54	0.0562	89,496	503	89,244	2,310,276	25.81
54-55	0.0600	88,993	534	88,726	2,221,032	24.96

TABLE 2. LIFE TABLE FOR WHITE FEMALES: ARKANSAS, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00643	88,459	569	88,175	2,132,306	24.11
56-57	.00696	87,890	612	87,584	2,044,131	23.26
57-58	.00762	87,278	665	86,946	1,956,547	22.42
58-59	.00842	86,613	729	86,249	1,869,601	21.59
59-60	.00934	85,884	802	85,483	1,783,352	20.76
60-61	.01036	85,082	882	84,641	1,697,869	19.96
61-62	.01147	84,200	965	83,718	1,613,228	19.16
62-63	.01267	83,235	1,055	82,707	1,529,510	18.38
63-64	.01385	82,180	1,138	81,611	1,446,803	17.61
64-65	.01503	81,042	1,218	80,433	1,365,192	16.85
65-66	.01634	79,824	1,304	79,172	1,284,759	16.09
66-67	.01795	78,520	1,410	77,815	1,205,587	15.35
67-68	.01999	77,110	1,541	76,339	1,127,772	14.63
68-69	.02245	75,569	1,697	74,720	1,051,433	13.91
69-70	.02522	73,872	1,863	72,941	976,713	13.22
70-71	.02834	72,009	2,041	70,989	903,772	12.55
71-72	.03185	69,968	2,228	68,854	832,783	11.90
72-73	.03578	67,740	2,424	66,528	763,929	11.28
73-74	.04015	65,316	2,622	64,005	697,401	10.68
74-75	.04494	62,694	2,818	61,285	633,396	10.10
75-76	.05012	59,876	3,001	58,376	572,111	9.55
76-77	.05566	56,875	3,165	55,292	513,735	9.03
77-78	.06152	53,710	3,305	52,057	458,443	8.54
78-79	.06749	50,405	3,402	48,704	406,386	8.06
79-80	.07357	47,003	3,458	45,274	357,682	7.61
80-81	.08012	43,545	3,488	41,801	312,408	7.17
81-82	.08747	40,057	3,504	38,305	270,607	6.76
82-83	.09597	36,553	3,508	34,799	232,302	6.36
83-84	.10632	33,045	3,513	31,288	197,503	5.98
84-85	.11829	29,532	3,494	27,785	166,215	5.63
85-86	.13082	26,038	3,406	24,335	138,430	5.32
86-87	.14287	22,632	3,234	21,015	114,095	5.04
87-88	.15339	19,398	2,975	17,911	93,080	4.80
88-89	.16086	16,423	2,642	15,102	75,169	4.58
89-90	.16599	13,781	2,287	12,637	60,067	4.36
90-91	.17104	11,494	1,966	10,511	47,430	4.13
91-92	.17827	9,528	1,699	8,679	36,919	3.87
92-93	.18994	7,829	1,487	7,086	28,240	3.61
93-94	.20697	6,342	1,312	5,686	21,154	3.34
94-95	.22786	5,030	1,147	4,457	15,468	3.08
95-96	.25122	3,883	975	3,396	11,011	2.84
96-97	.27569	2,908	802	2,507	7,615	2.62
97-98	.29989	2,106	631	1,790	5,108	2.43
98-99	.32474	1,475	479	1,235	3,318	2.25
99-100	.35114	996	350	821	2,083	2.09
100-101	.37774	646	244	524	1,262	1.95
101-102	.40315	402	162	321	738	1.84
102-103	.42600	240	102	189	417	1.74
103-104	.44563	138	62	107	228	1.66
104-105	.46296	76	35	59	121	1.58
105-106	.47897	41	20	31	62	1.52
106-107	.49466	21	10	16	31	1.46
107-108	.51100	11	6	8	15	1.40
108-109	.52810	5	3	4	7	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: ARKANSAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OP. 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03731	100,000	3,731	96,891	6,280,543	62.81
1-2	0.0637	96,269	613	95,962	6,183,652	64.23
2-3	0.0280	95,656	268	95,522	6,087,690	63.64
3-4	0.0220	95,388	210	95,283	5,992,168	62.82
4-5	0.0169	95,178	161	95,098	5,896,885	61.96
5-6	0.0135	95,017	128	94,953	5,801,787	61.06
6-7	0.0109	94,889	103	94,837	5,706,834	60.14
7-8	0.0089	94,786	85	94,743	5,611,997	59.21
8-9	0.0076	94,701	72	94,665	5,517,254	58.26
9-10	0.0070	94,629	66	94,596	5,422,589	57.30
10-11	0.0070	94,563	66	94,530	5,327,993	56.34
11-12	0.0077	94,497	73	94,460	5,233,463	55.38
12-13	0.0091	94,424	86	94,381	5,139,003	54.42
13-14	0.0115	94,338	108	94,284	5,044,622	53.47
14-15	0.0149	94,230	141	94,159	4,950,338	52.53
15-16	0.0188	94,089	177	94,001	4,856,179	51.61
16-17	0.0226	93,912	212	93,806	4,762,178	50.71
17-18	0.0259	93,700	243	93,579	4,668,372	49.82
18-19	0.0286	93,457	267	93,324	4,574,793	48.95
19-20	0.0310	93,190	289	93,046	4,481,469	48.09
20-21	0.0332	92,901	308	92,747	4,388,423	47.24
21-22	0.0353	92,593	327	92,429	4,295,676	46.39
22-23	0.0371	92,266	342	92,095	4,203,247	45.56
23-24	0.0387	91,924	356	91,746	4,111,152	44.72
24-25	0.0401	91,568	367	91,384	4,019,406	43.90
25-26	0.0413	91,201	377	91,012	3,928,022	43.07
26-27	0.0425	90,824	386	90,631	3,837,010	42.25
27-28	0.0436	90,438	394	90,241	3,746,379	41.42
28-29	0.0447	90,044	403	89,842	3,656,138	40.60
29-30	0.0456	89,641	409	89,437	3,566,296	39.78
30-31	0.0466	89,232	415	89,025	3,476,859	38.96
31-32	0.0476	88,817	423	88,605	3,387,834	38.14
32-33	0.0487	88,394	431	88,179	3,299,229	37.32
33-34	0.0499	87,963	439	87,744	3,211,050	36.50
34-35	0.0510	87,524	446	87,301	3,123,306	35.69
35-36	0.0523	87,078	455	86,850	3,036,005	34.87
36-37	0.0539	86,623	467	86,389	2,949,155	34.05
37-38	0.0558	86,156	481	85,915	2,862,766	33.23
38-39	0.0579	85,675	496	85,427	2,776,851	32.41
39-40	0.0601	85,179	512	84,923	2,691,424	31.60
40-41	0.0626	84,667	530	84,402	2,606,501	30.79
41-42	0.0659	84,137	554	83,860	2,522,099	29.98
42-43	0.0702	83,583	587	83,289	2,438,239	29.17
43-44	0.0755	82,996	627	82,682	2,354,950	28.37
44-45	0.0817	82,369	673	82,033	2,272,268	27.59
45-46	0.0887	81,696	724	81,334	2,190,235	26.81
46-47	0.0964	80,972	781	80,581	2,108,901	26.04
47-48	0.1049	80,191	841	79,770	2,028,320	25.29
48-49	0.1141	79,350	906	78,897	1,948,550	24.56
49-50	0.1241	78,444	973	77,958	1,869,653	23.83
50-51	0.1349	77,471	1,045	76,948	1,791,695	23.13
51-52	0.1463	76,426	1,118	75,867	1,714,747	22.44
52-53	0.1585	75,308	1,194	74,711	1,638,880	21.76
53-54	0.1716	74,114	1,272	73,478	1,564,169	21.10
54-55	0.1858	72,842	1,353	72,166	1,490,691	20.46

TABLE 3. LIFE TABLE FOR NONWHITE MALES: ARKANSAS, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.02005	71,489	1,433	70,772	1,418,525	19.84
56-57	.02153	70,056	1,509	69,301	1,347,753	19.24
57-58	.02299	68,547	1,576	67,759	1,278,452	18.65
58-59	.02440	66,971	1,634	66,154	1,210,693	18.08
59-60	.02579	65,337	1,685	64,495	1,144,539	17.52
60-61	.02720	63,652	1,731	62,787	1,080,044	16.97
61-62	.02865	61,921	1,774	61,054	1,017,257	16.43
62-63	.03017	60,147	1,815	59,240	956,223	15.90
63-64	.03177	58,332	1,853	57,406	896,983	15.38
64-65	.03341	56,479	1,887	55,535	839,577	14.87
65-66	.03511	54,592	1,917	53,634	784,042	14.36
66-67	.03688	52,675	1,942	51,704	730,408	13.87
67-68	.03873	50,733	1,965	49,750	678,704	13.38
68-69	.04062	48,768	1,981	47,777	628,954	12.90
69-70	.04254	46,787	1,991	45,792	581,177	12.42
70-71	.04455	44,796	1,995	43,799	535,385	11.95
71-72	.04669	42,801	1,999	41,802	491,586	11.49
72-73	.04903	40,802	2,000	39,802	449,784	11.02
73-74	.05134	38,802	1,992	37,806	409,982	10.57
74-75	.05360	36,810	1,973	35,823	372,176	10.11
75-76	.05611	34,837	1,955	33,859	336,353	9.66
76-77	.05922	32,882	1,947	31,908	302,494	9.20
77-78	.06323	30,935	1,956	29,957	270,586	8.75
78-79	.06844	28,979	1,983	27,987	240,629	8.30
79-80	.07463	26,996	2,015	25,988	212,642	7.88
80-81	.08137	24,981	2,033	23,964	186,654	7.47
81-82	.08823	22,948	2,025	21,936	162,690	7.09
82-83	.09477	20,923	1,982	19,932	140,754	6.73
83-84	.10016	18,941	1,898	17,992	120,822	6.38
84-85	.10469	17,043	1,784	16,151	102,830	6.03
85-86	.10962	15,259	1,673	14,423	86,679	5.68
86-87	.11618	13,586	1,578	12,797	72,256	5.32
87-88	.12564	12,008	1,509	11,254	59,459	4.95
88-89	.13840	10,499	1,453	9,773	48,205	4.59
89-90	.15362	9,046	1,389	8,351	38,432	4.25
90-91	.17070	7,657	1,307	7,003	30,081	3.93
91-92	.18904	6,350	1,201	5,749	23,078	3.63
92-93	.20801	5,149	1,071	4,614	17,329	3.37
93-94	.22803	4,078	930	3,613	12,715	3.12
94-95	.24951	3,148	785	2,755	9,102	2.89
95-96	.27183	2,363	643	2,042	6,547	2.69
96-97	.29438	1,720	506	1,467	4,305	2.50
97-98	.31657	1,214	384	1,022	2,838	2.34
98-99	.33879	830	281	689	1,816	2.19
99-100	.36145	549	199	449	1,127	2.06
100-101	.38395	350	134	283	678	1.94
101-102	.40566	216	88	172	395	1.83
102-103	.42600	128	54	101	223	1.74
103-104	.44456	74	33	57	122	1.66
104-105	.46176	41	19	31	65	1.59
105-106	.47817	22	11	17	34	1.52
106-107	.49439	11	5	9	17	1.46
107-108	.51100	6	3	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: ARKANSAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	L_x	d_x	L_x	T_x	e_x^0
0-1	0.03063	100,000	3,063	97,474	6,551,166	65.51
1-2	.00458	96,937	444	96,715	6,453,692	66.58
2-3	.00261	96,493	252	96,367	6,356,977	65.88
3-4	.00190	96,241	183	96,150	6,260,610	65.05
4-5	.00096	96,058	92	96,012	6,164,460	64.17
5-6	.00087	95,966	83	95,924	6,068,448	63.24
6-7	.00077	95,883	74	95,846	5,972,524	62.29
7-8	.00068	95,809	65	95,776	5,876,678	61.34
8-9	.00060	95,744	58	95,715	5,780,902	60.38
9-10	.00054	95,686	51	95,660	5,685,187	59.42
10-11	.00052	95,635	50	95,610	5,589,527	58.45
11-12	.00054	95,585	52	95,559	5,493,917	57.48
12-13	.00062	95,533	59	95,504	5,398,358	56.51
13-14	.00078	95,474	75	95,437	5,302,854	55.54
14-15	.00100	95,399	95	95,352	5,207,417	54.59
15-16	.00127	95,304	121	95,244	5,112,065	53.64
16-17	.00154	95,183	147	95,110	5,016,821	52.71
17-18	.00179	95,036	170	94,951	4,921,711	51.79
18-19	.00202	94,866	191	94,771	4,826,760	50.88
19-20	.00227	94,675	215	94,567	4,731,989	49.98
20-21	.00250	94,460	236	94,342	4,637,422	49.09
21-22	.00271	94,224	256	94,096	4,543,080	48.22
22-23	.00287	93,968	269	93,833	4,448,984	47.35
23-24	.00297	93,699	279	93,559	4,355,151	46.48
24-25	.00301	93,420	281	93,280	4,261,592	45.62
25-26	.00304	93,139	283	92,998	4,168,312	44.75
26-27	.00308	92,856	286	92,713	4,075,314	43.89
27-28	.00317	92,570	293	92,423	3,982,601	43.02
28-29	.00332	92,277	307	92,123	3,890,178	42.16
29-30	.00350	91,970	322	91,809	3,798,055	41.30
30-31	.00370	91,648	339	91,479	3,706,246	40.44
31-32	.00393	91,309	359	91,130	3,614,767	39.59
32-33	.00418	90,950	380	90,760	3,523,637	38.74
33-34	.00446	90,570	404	90,368	3,432,877	37.90
34-35	.00477	90,166	430	89,951	3,342,509	37.07
35-36	.00509	89,736	457	89,508	3,252,558	36.25
36-37	.00543	89,279	484	89,037	3,163,050	35.43
37-38	.00577	88,795	513	88,538	3,074,013	34.62
38-39	.00609	88,282	537	88,013	2,985,475	33.82
39-40	.00641	87,745	563	87,463	2,897,462	33.02
40-41	.00673	87,182	587	86,889	2,809,999	32.23
41-42	.00711	86,595	615	86,288	2,723,110	31.45
42-43	.00755	85,980	649	85,655	2,636,822	30.67
43-44	.00807	85,331	689	84,986	2,551,167	29.90
44-45	.00864	84,642	731	84,276	2,466,181	29.14
45-46	.00927	83,911	778	83,522	2,381,905	28.39
46-47	.00994	83,133	827	82,720	2,298,383	27.65
47-48	.01064	82,306	875	81,869	2,215,663	26.92
48-49	.01137	81,431	926	80,968	2,133,794	26.20
49-50	.01213	80,505	977	80,017	2,052,826	25.50
50-51	.01294	79,528	1,029	79,014	1,972,809	24.81
51-52	.01380	78,499	1,083	77,958	1,893,795	24.13
52-53	.01474	77,416	1,141	76,845	1,815,837	23.46
53-54	.01578	76,275	1,204	75,673	1,738,992	22.80
54-55	.01692	75,071	1,270	74,436	1,663,319	22.16

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: ARKANSAS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01811	73,801	1,337	73,133	1,588,883	21.53
56-57	.01930	72,464	1,398	71,765	1,515,750	20.92
57-58	.02044	71,066	1,453	70,340	1,443,985	20.32
58-59	.02151	69,613	1,497	68,865	1,373,645	19.73
59-60	.02253	68,116	1,535	67,349	1,304,780	19.16
60-61	.02355	66,581	1,568	65,797	1,237,431	18.59
61-62	.02461	65,013	1,600	64,213	1,171,634	18.02
62-63	.02575	63,413	1,633	62,597	1,107,421	17.46
63-64	.02695	61,780	1,665	60,948	1,044,824	16.91
64-65	.02819	60,115	1,694	59,268	983,876	16.37
65-66	.02949	58,421	1,723	57,559	924,608	15.83
66-67	.03087	56,698	1,750	55,823	867,049	15.29
67-68	.03237	54,948	1,779	54,058	811,226	14.76
68-69	.03387	53,169	1,801	52,269	757,168	14.24
69-70	.03535	51,368	1,816	50,460	704,899	13.72
70-71	.03698	49,552	1,832	48,636	654,439	13.21
71-72	.03892	47,720	1,857	46,791	605,803	12.69
72-73	.04136	45,863	1,897	44,914	559,012	12.19
73-74	.04457	43,966	1,960	42,986	514,098	11.69
74-75	.04845	42,006	2,035	40,989	471,112	11.22
75-76	.05256	39,971	2,101	38,921	430,123	10.76
76-77	.05646	37,870	2,158	36,801	391,202	10.33
77-78	.05972	35,732	2,134	34,665	354,401	9.92
78-79	.06187	33,598	2,079	32,559	319,736	9.52
79-80	.06320	31,519	1,992	30,523	287,177	9.11
80-81	.06442	29,527	1,902	28,576	256,654	8.69
81-82	.06621	27,625	1,829	26,711	228,078	8.26
82-83	.06929	25,796	1,787	24,902	201,367	7.81
83-84	.07301	24,009	1,753	23,132	176,465	7.35
84-85	.07690	22,256	1,712	21,400	153,333	6.89
85-86	.08193	20,544	1,683	19,703	131,933	6.42
86-87	.08905	18,861	1,679	18,021	112,230	5.95
87-88	.09920	17,182	1,705	16,329	94,209	5.48
88-89	.11289	15,477	1,747	14,604	77,880	5.03
89-90	.12947	13,730	1,778	12,841	63,276	4.61
90-91	.14822	11,952	1,771	11,067	50,435	4.22
91-92	.16838	10,181	1,714	9,324	39,368	3.87
92-93	.18921	8,467	1,602	7,666	30,044	3.55
93-94	.21121	6,865	1,450	6,140	22,378	3.26
94-95	.23488	5,415	1,272	4,779	16,238	3.00
95-96	.25947	4,143	1,075	3,605	11,459	2.77
96-97	.28423	3,068	872	2,632	7,854	2.56
97-98	.30844	2,196	677	1,857	5,222	2.38
98-99	.33258	1,519	505	1,266	3,365	2.22
99-100	.35715	1,014	362	833	2,099	2.07
100-101	.38140	652	249	527	1,266	1.94
101-102	.40460	403	163	322	739	1.83
102-103	.42600	240	102	189	417	1.74
103-104	.44508	138	62	107	228	1.66
104-105	.46234	76	35	59	121	1.59
105-106	.47856	41	20	31	62	1.52
106-107	.49452	21	10	16	31	1.46
107-108	.51100	11	6	8	15	1.40
108-109	.52810	5	3	4	7	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00196. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.96 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,860 will complete the first year of life and enter the second; 96,621 will begin the third year; 94,755 will reach age 21; and 44,895 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,140 die in the first year of life, 239 in the second year, 186 in the twenty-second year, and 2,881 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,662. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,662 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,770,252 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,783,395.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,662 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,755 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,770,252) is the total number of years lived after attaining age 21 by the 94,755 reaching that age. This number of years divided by the number of persons (4,770,252 divided by 94,755) gives 50.34 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

California

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

California Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 55.79 years for white males and 72.74 years for white females. This State ranks 39th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: CALIFORNIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02854	100,000	2,854	97,490	6,579,097	65.79
1-2	.00202	97,146	196	97,048	6,481,607	66.72
2-3	.00144	96,950	140	96,880	6,384,559	65.85
3-4	.00118	96,810	114	96,753	6,287,679	64.95
4-5	.00089	96,696	86	96,653	6,190,926	64.02
5-6	.00080	96,610	77	96,571	6,094,273	63.08
6-7	.00071	96,533	69	96,498	5,997,702	62.13
7-8	.00064	96,464	62	96,433	5,901,204	61.18
8-9	.00059	96,402	57	96,374	5,804,771	60.21
9-10	.00056	96,345	54	96,318	5,708,397	59.25
10-11	.00055	96,291	52	96,265	5,612,079	58.28
11-12	.00058	96,239	56	96,211	5,515,814	57.31
12-13	.00064	96,183	62	96,152	5,419,603	56.35
13-14	.00075	96,121	72	96,085	5,323,451	55.38
14-15	.00091	96,049	87	96,005	5,227,356	54.42
15-16	.00110	95,962	106	95,909	5,131,361	53.47
16-17	.00128	95,856	123	95,795	5,035,452	52.53
17-18	.00144	95,733	137	95,664	4,939,657	51.60
18-19	.00158	95,596	152	95,520	4,843,993	50.67
19-20	.00173	95,444	165	95,362	4,748,473	49.75
20-21	.00186	95,279	177	95,191	4,653,111	48.84
21-22	.00196	95,102	186	95,009	4,557,920	47.93
22-23	.00202	94,916	192	94,820	4,462,911	47.02
23-24	.00202	94,724	191	94,628	4,368,091	46.11
24-25	.00196	94,533	186	94,440	4,273,463	45.21
25-26	.00188	94,347	177	94,259	4,179,023	44.29
26-27	.00182	94,170	171	94,084	4,084,764	43.38
27-28	.00179	93,999	169	93,915	3,990,680	42.45
28-29	.00180	93,830	169	93,746	3,896,765	41.53
29-30	.00183	93,661	171	93,576	3,803,019	40.60
30-31	.00188	93,490	176	93,402	3,709,443	39.68
31-32	.00197	93,314	184	93,222	3,616,041	38.75
32-33	.00209	93,130	194	93,033	3,522,819	37.83
33-34	.00225	92,936	209	92,831	3,429,786	36.90
34-35	.00244	92,727	227	92,614	3,336,955	35.99
35-36	.00266	92,500	246	92,377	3,244,341	35.07
36-37	.00292	92,254	269	92,120	3,151,964	34.17
37-38	.00322	91,985	296	91,857	3,059,844	33.26
38-39	.00356	91,689	327	91,526	2,968,007	32.37
39-40	.00392	91,362	358	91,183	2,876,481	31.48
40-41	.00433	91,004	394	90,807	2,785,298	30.61
41-42	.00479	90,610	434	90,393	2,694,491	29.74
42-43	.00531	90,176	479	89,937	2,604,098	28.88
43-44	.00588	89,697	527	89,434	2,514,161	28.03
44-45	.00651	89,170	581	88,880	2,424,727	27.19
45-46	.00719	88,589	636	88,271	2,335,847	26.37
46-47	.00792	87,953	697	87,604	2,247,576	25.55
47-48	.00872	87,256	761	86,876	2,159,972	24.75
48-49	.00958	86,495	829	86,081	2,073,096	23.97
49-50	.01050	85,666	899	85,217	1,987,015	23.19
50-51	.01148	84,767	973	84,280	1,901,798	22.44
51-52	.01252	83,794	1,049	83,269	1,817,518	21.69
52-53	.01361	82,745	1,126	82,182	1,734,249	20.96
53-54	.01474	81,619	1,203	81,017	1,652,067	20.24
54-55	.01590	80,416	1,279	79,776	1,571,050	19.54

TABLE 1. LIFE TABLE FOR WHITE MALES: CALIFORNIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01713	79,137	1,356	78,459	1,491,274	18.84
56-57	.01845	77,781	1,435	77,064	1,412,815	18.16
57-58	.01991	76,346	1,520	75,586	1,335,751	17.50
58-59	.02148	74,826	1,607	74,023	1,260,165	16.84
59-60	.02314	73,219	1,694	72,372	1,186,142	16.20
60-61	.02493	71,525	1,783	70,633	1,113,770	15.57
61-62	.02685	69,742	1,873	68,805	1,043,137	14.96
62-63	.02895	67,869	1,965	66,887	974,332	14.36
63-64	.03118	65,904	2,055	64,877	907,445	13.77
64-65	.03353	63,849	2,141	62,779	842,568	13.20
65-66	.03606	61,708	2,225	60,596	779,789	12.64
66-67	.03880	59,483	2,308	58,329	719,193	12.09
67-68	.04183	57,175	2,391	55,979	660,864	11.56
68-69	.04511	54,784	2,472	53,548	604,885	11.04
69-70	.04860	52,312	2,542	51,041	551,337	10.54
70-71	.05236	49,770	2,606	48,467	500,296	10.05
71-72	.05640	47,164	2,660	45,834	451,829	9.58
72-73	.06079	44,504	2,705	43,151	405,995	9.12
73-74	.06544	41,799	2,736	40,431	362,844	8.68
74-75	.07034	39,063	2,747	37,689	322,413	8.25
75-76	.07558	36,316	2,745	34,943	284,724	7.84
76-77	.08126	33,571	2,728	32,207	249,781	7.44
77-78	.08750	30,843	2,699	29,493	217,574	7.05
78-79	.09427	28,144	2,653	26,818	188,081	6.68
79-80	.10149	25,491	2,587	24,197	161,263	6.33
80-81	.10921	22,904	2,501	21,653	137,066	5.98
81-82	.11745	20,403	2,397	19,204	115,413	5.66
82-83	.12624	18,006	2,273	16,870	96,209	5.34
83-84	.13523	15,733	2,127	14,669	79,339	5.04
84-85	.14441	13,606	1,965	12,623	64,670	4.75
85-86	.15429	11,641	1,796	10,743	52,047	4.47
86-87	.16539	9,845	1,628	9,031	41,304	4.20
87-88	.17822	8,217	1,465	7,484	32,273	3.93
88-89	.19343	6,752	1,306	6,099	24,789	3.67
89-90	.21067	5,446	1,147	4,872	18,690	3.43
90-91	.22898	4,299	985	3,807	13,818	3.21
91-92	.24737	3,314	819	2,904	10,011	3.02
92-93	.26489	2,495	661	2,164	7,107	2.85
93-94	.28144	1,834	516	1,576	4,943	2.70
94-95	.29767	1,318	393	1,122	3,367	2.56
95-96	.31371	925	290	780	2,245	2.43
96-97	.32968	635	209	530	1,465	2.31
97-98	.34572	426	147	352	935	2.20
98-99	.36174	279	101	228	583	2.10
99-100	.37765	178	67	144	355	2.00
100-101	.39357	111	44	89	211	1.91
101-102	.40965	67	27	53	122	1.82
102-103	.42600	40	17	31	69	1.74
103-104	.44270	23	10	18	38	1.67
104-105	.45966	13	6	10	20	1.59
105-106	.47677	7	3	5	10	1.52
106-107	.49392	4	2	3	5	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: CALIFORNIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02109	100,000	2,109	98,178	7,274,478	72.74
1-2	.00164	97,891	161	97,811	7,176,300	73.31
2-3	.00104	97,730	101	97,680	7,078,489	72.43
3-4	.00092	97,629	90	97,584	6,980,809	71.50
4-5	.00073	97,539	71	97,503	6,883,225	70.57
5-6	.00063	97,468	62	97,437	6,785,722	69.62
6-7	.00055	97,406	53	97,380	6,688,285	68.66
7-8	.00048	97,353	47	97,329	6,590,905	67.70
8-9	.00042	97,306	41	97,286	6,493,576	66.73
9-10	.00038	97,265	37	97,247	6,396,290	65.76
10-11	.00036	97,228	35	97,211	6,299,043	64.79
11-12	.00035	97,193	34	97,176	6,201,832	63.81
12-13	.00037	97,159	36	97,141	6,104,656	62.83
13-14	.00042	97,123	41	97,103	6,007,515	61.85
14-15	.00050	97,082	48	97,058	5,910,412	60.88
15-16	.00059	97,034	57	97,005	5,813,354	59.91
16-17	.00068	96,977	66	96,944	5,716,349	58.95
17-18	.00074	96,911	72	96,875	5,619,405	57.99
18-19	.00077	96,839	75	96,802	5,522,530	57.03
19-20	.00078	96,764	75	96,727	5,425,728	56.07
20-21	.00079	96,689	76	96,651	5,329,001	55.11
21-22	.00080	96,613	78	96,574	5,232,350	54.16
22-23	.00081	96,535	78	96,496	5,135,776	53.20
23-24	.00083	96,457	80	96,417	5,039,280	52.24
24-25	.00086	96,377	83	96,336	4,942,863	51.29
25-26	.00089	96,294	86	96,251	4,846,527	50.33
26-27	.00093	96,208	89	96,164	4,750,276	49.38
27-28	.00098	96,119	94	96,072	4,654,112	48.42
28-29	.00104	96,025	100	95,975	4,558,040	47.47
29-30	.00111	95,925	107	95,872	4,462,065	46.52
30-31	.00119	95,818	114	95,761	4,366,193	45.57
31-32	.00128	95,704	122	95,643	4,270,432	44.62
32-33	.00138	95,582	132	95,516	4,174,789	43.68
33-34	.00149	95,450	142	95,379	4,079,273	42.74
34-35	.00160	95,308	153	95,232	3,983,894	41.80
35-36	.00172	95,155	163	95,074	3,888,662	40.87
36-37	.00186	94,992	177	94,903	3,793,588	39.94
37-38	.00202	94,815	192	94,719	3,698,685	39.01
38-39	.00219	94,623	207	94,520	3,603,966	38.09
39-40	.00238	94,416	224	94,304	3,509,446	37.17
40-41	.00259	94,192	244	94,070	3,415,142	36.26
41-42	.00281	93,948	264	93,816	3,321,072	35.35
42-43	.00306	93,684	287	93,540	3,227,256	34.45
43-44	.00333	93,397	311	93,241	3,133,716	33.55
44-45	.00362	93,086	337	92,917	3,040,475	32.66
45-46	.00394	92,749	366	92,566	2,947,558	31.78
46-47	.00427	92,383	394	92,186	2,854,992	30.90
47-48	.00462	91,989	425	91,777	2,762,806	30.03
48-49	.00498	91,564	456	91,336	2,671,029	29.17
49-50	.00534	91,108	486	90,865	2,579,693	28.31
50-51	.00574	90,622	521	90,361	2,488,828	27.46
51-52	.00617	90,101	556	89,823	2,398,467	26.62
52-53	.00665	89,545	595	89,248	2,308,644	25.78
53-54	.00718	88,950	639	88,631	2,219,396	24.95
54-55	.00774	88,311	683	87,970	2,130,765	24.13

TABLE 2. LIFE TABLE FOR WHITE FEMALES: CALIFORNIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	•00835	87,628	732	87,262	2,042,795	23.31
56-57	•00903	86,896	785	86,504	1,955,533	22.50
57-58	•00979	86,111	843	85,690	1,869,029	21.70
58-59	•01063	85,268	906	84,815	1,783,339	20.91
59-60	•01152	84,362	972	83,876	1,698,524	20.13
60-61	•01250	83,390	1,042	82,869	1,614,648	19.36
61-62	•01357	82,348	1,118	81,789	1,531,779	18.60
62-63	•01476	81,230	1,199	80,631	1,449,990	17.85
63-64	•01598	80,031	1,279	79,392	1,369,359	17.11
64-65	•01721	78,752	1,355	78,075	1,289,967	16.38
65-66	•01859	77,397	1,439	76,678	1,211,892	15.66
66-67	•02025	75,958	1,538	75,189	1,135,214	14.95
67-68	•02232	74,420	1,661	73,590	1,060,025	14.24
68-69	•02478	72,759	1,803	71,858	986,435	13.56
69-70	•02754	70,956	1,954	69,979	914,577	12.89
70-71	•03064	69,002	2,114	67,945	844,598	12.24
71-72	•03410	66,888	2,281	65,747	776,653	11.61
72-73	•03796	64,607	2,453	63,381	710,906	11.00
73-74	•04219	62,154	2,622	60,843	647,525	10.42
74-75	•04676	59,532	2,784	58,140	586,682	9.85
75-76	•05172	56,748	2,935	55,281	528,542	9.31
76-77	•05714	53,813	3,075	52,276	473,261	8.79
77-78	•06305	50,738	3,199	49,139	420,985	8.30
78-79	•06935	47,539	3,296	45,891	371,846	7.82
79-80	•07600	44,243	3,363	42,561	325,955	7.37
80-81	•08317	40,880	3,400	39,180	283,394	6.93
81-82	•09103	37,480	3,412	35,774	244,214	6.52
82-83	•09975	34,068	3,398	32,369	208,440	6.12
83-84	•10937	30,670	3,354	28,993	176,071	5.74
84-85	•11977	27,316	3,272	25,680	147,078	5.38
85-86	•13089	24,044	3,147	22,470	121,398	5.05
86-87	•14269	20,897	2,982	19,406	98,928	4.73
87-88	•15509	17,915	2,778	16,526	79,522	4.44
88-89	•16795	15,137	2,543	13,866	62,996	4.16
89-90	•18130	12,594	2,283	11,453	49,130	3.90
90-91	•19537	10,311	2,014	9,304	37,677	3.65
91-92	•21041	8,297	1,746	7,424	28,373	3.42
92-93	•22653	6,551	1,485	5,809	20,949	3.20
93-94	•24439	5,066	1,238	4,447	15,140	2.99
94-95	•26353	3,828	1,009	3,324	10,693	2.79
95-96	•28353	2,819	799	2,420	7,369	2.61
96-97	•30388	2,020	614	1,713	4,949	2.45
97-98	•32407	1,406	456	1,178	3,236	2.30
98-99	•34444	950	327	787	2,058	2.17
99-100	•36533	623	228	509	1,271	2.04
100-101	•38623	395	152	319	762	1.93
101-102	•40663	243	99	193	443	1.83
102-103	•42600	144	61	113	250	1.74
103-104	•44408	83	37	64	137	1.66
104-105	•46122	46	21	35	73	1.59
105-106	•47781	25	12	19	38	1.52
106-107	•49427	13	6	10	19	1.46
107-108	•51100	7	4	5	9	1.40
108-109	•52810	3	1	2	4	1.35
109-110	•54529	2	1	1	2	1.29
110-111	•56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00196. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.96 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,146 will complete the first year of life and enter the second; 96,950 will begin the third year; 95,102 will reach age 21; and 36,316 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,854 die in the first year of life, 196 in the second year, 186 in the twenty-second year, and 2,745 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,009. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,009 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,557,920 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,579,097.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,009 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,102 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,557,920) is the total number of years lived after attaining age 21 by the 95,102 reaching that age. This number of years divided by the number of persons (4,557,920 divided by 95,102) gives 47.93 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Colorado

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Colorado Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.25 years for white males and 72.16 years for white females. This State ranks 30th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	36.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	36.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: COLORADO, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.03924	100,000	3,924	96,549	6,624,590	66.25
1-2	.00304	96,076	292	95,930	6,528,041	67.95
2-3	.00180	95,784	172	95,698	6,432,111	67.15
3-4	.00127	95,612	122	95,551	6,336,413	66.27
4-5	.00109	95,490	104	95,438	6,240,862	65.36
5-6	.00089	95,386	85	95,344	6,145,424	64.43
6-7	.00077	95,301	73	95,264	6,050,080	63.48
7-8	.00072	95,228	69	95,193	5,954,816	62.53
8-9	.00072	95,159	68	95,125	5,859,623	61.58
9-10	.00075	95,091	72	95,055	5,764,498	60.62
10-11	.00082	95,019	78	94,980	5,669,443	59.67
11-12	.00089	94,941	84	94,899	5,574,463	58.72
12-13	.00097	94,857	92	94,811	5,479,564	57.77
13-14	.00105	94,765	100	94,715	5,384,753	56.82
14-15	.00115	94,665	108	94,611	5,290,038	55.88
15-16	.00125	94,557	119	94,497	5,195,427	54.94
16-17	.00136	94,438	128	94,374	5,100,930	54.01
17-18	.00146	94,310	138	94,241	5,006,556	53.09
18-19	.00157	94,172	148	94,098	4,912,315	52.16
19-20	.00170	94,024	159	93,944	4,818,217	51.24
20-21	.00183	93,865	172	93,779	4,724,273	50.33
21-22	.00193	93,693	181	93,602	4,630,494	49.42
22-23	.00198	93,512	185	93,419	4,536,892	48.52
23-24	.00196	93,327	183	93,235	4,443,473	47.61
24-25	.00189	93,144	176	93,056	4,350,238	46.70
25-26	.00180	92,968	168	92,884	4,257,182	45.79
26-27	.00173	92,800	160	92,720	4,164,298	44.87
27-28	.00172	92,640	159	92,560	4,071,578	43.95
28-29	.00178	92,481	165	92,398	3,979,018	43.03
29-30	.00190	92,316	175	92,228	3,886,620	42.10
30-31	.00204	92,141	188	92,047	3,794,392	41.18
31-32	.00219	91,953	202	91,852	3,702,345	40.26
32-33	.00234	91,751	214	91,644	3,610,493	39.35
33-34	.00248	91,537	227	91,423	3,518,849	38.44
34-35	.00261	91,310	239	91,190	3,427,426	37.54
35-36	.00275	91,071	250	90,946	3,336,236	36.63
36-37	.00293	90,821	266	90,688	3,245,290	35.73
37-38	.00315	90,555	286	90,412	3,154,602	34.84
38-39	.00342	90,269	308	90,115	3,064,190	33.95
39-40	.00374	89,961	337	89,792	2,974,075	33.06
40-41	.00408	89,624	365	89,441	2,884,283	32.18
41-42	.00445	89,259	398	89,060	2,794,842	31.31
42-43	.00484	88,861	430	88,646	2,705,782	30.45
43-44	.00523	88,431	462	88,200	2,617,136	29.60
44-45	.00561	87,969	494	87,722	2,528,936	28.75
45-46	.00603	87,475	527	87,212	2,441,214	27.91
46-47	.00651	86,948	566	86,665	2,354,002	27.07
47-48	.00708	86,382	612	86,076	2,267,337	26.25
48-49	.00774	85,770	664	85,438	2,181,261	25.43
49-50	.00848	85,106	721	84,745	2,095,823	24.63
50-51	.00928	84,385	783	83,993	2,011,078	23.83
51-52	.01014	83,602	848	83,178	1,927,085	23.05
52-53	.01105	82,754	915	82,297	1,843,907	22.28
53-54	.01201	81,839	983	81,348	1,761,610	21.53
54-55	.01302	80,856	1,052	80,330	1,680,262	20.78

TABLE 1. LIFE TABLE FOR WHITE MALES: COLORADO, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01410	79,804	1,125	79,241	1,599,932	20.05
56-57	.01522	78,679	1,198	78,080	1,520,691	19.33
57-58	.01641	77,481	1,271	76,845	1,442,611	18.62
58-59	.01758	76,210	1,340	75,540	1,365,766	17.92
59-60	.01872	74,870	1,402	74,169	1,290,226	17.23
60-61	.01997	73,468	1,467	72,735	1,216,057	16.55
61-62	.02142	72,001	1,542	71,230	1,143,322	15.88
62-63	.02321	70,459	1,636	69,641	1,072,092	15.22
63-64	.02535	68,823	1,744	67,951	1,002,451	14.57
64-65	.02777	67,079	1,863	66,147	934,500	13.93
65-66	.03043	65,216	1,985	64,224	868,353	13.32
66-67	.03330	63,231	2,105	62,179	804,129	12.72
67-68	.03634	61,126	2,221	60,015	741,950	12.14
68-69	.03950	58,905	2,327	57,741	681,935	11.58
69-70	.04280	56,578	2,422	55,367	624,194	11.03
70-71	.04633	54,156	2,509	52,902	568,827	10.50
71-72	.05017	51,647	2,591	50,352	515,925	9.99
72-73	.05440	49,056	2,669	47,722	465,573	9.49
73-74	.05895	46,387	2,734	45,020	417,851	9.01
74-75	.06377	43,653	2,784	42,261	372,831	8.54
75-76	.06897	40,869	2,819	39,460	330,570	8.09
76-77	.07466	38,050	2,840	36,630	291,110	7.65
77-78	.08096	35,210	2,851	33,784	254,480	7.23
78-79	.08770	32,359	2,838	30,940	220,696	6.82
79-80	.09481	29,521	2,799	28,122	189,756	6.43
80-81	.10253	26,722	2,740	25,352	161,634	6.05
81-82	.11113	23,982	2,665	22,650	136,282	5.68
82-83	.12085	21,317	2,576	20,029	113,632	5.33
83-84	.13174	18,741	2,469	17,507	93,603	4.99
84-85	.14362	16,272	2,337	15,104	76,096	4.68
85-86	.15645	13,935	2,180	12,845	60,992	4.38
86-87	.17014	11,755	2,000	10,755	48,147	4.10
87-88	.18464	9,755	1,801	8,854	37,392	3.83
88-89	.20040	7,954	1,594	7,157	28,538	3.59
89-90	.21746	6,360	1,383	5,668	21,381	3.36
90-91	.23515	4,977	1,170	4,392	15,713	3.16
91-92	.25278	3,807	963	3,325	11,321	2.97
92-93	.26969	2,844	767	2,461	7,996	2.81
93-94	.28576	2,077	593	1,780	5,535	2.67
94-95	.30145	1,484	448	1,260	3,755	2.53
95-96	.31692	1,036	328	872	2,495	2.41
96-97	.33233	708	235	590	1,623	2.29
97-98	.34785	473	165	390	1,033	2.19
98-99	.36337	308	112	252	643	2.09
99-100	.37878	196	74	159	391	2.00
100-101	.39425	122	48	98	232	1.91
101-102	.40993	74	30	59	134	1.82
102-103	.42600	44	19	34	75	1.74
103-104	.44256	25	11	19	41	1.67
104-105	.45951	14	6	11	22	1.59
105-106	.47667	8	4	6	11	1.52
106-107	.49389	4	2	3	5	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: COLORADO, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02919	100,000	2,919	97,478	7,216,274	72.16
1-2	0.0260	97,081	252	96,955	7,118,796	73.33
2-3	0.0127	96,829	123	96,767	7,021,841	72.52
3-4	0.0103	96,706	100	96,656	6,925,074	71.61
4-5	0.0068	96,606	66	96,573	6,828,418	70.68
5-6	0.0064	96,540	61	96,509	6,731,845	69.73
6-7	0.0062	96,479	60	96,449	6,635,336	68.77
7-8	0.0060	96,419	58	96,390	6,538,887	67.82
8-9	0.0059	96,361	57	96,332	6,442,497	66.86
9-10	0.0060	96,304	58	96,275	6,346,165	65.90
10-11	0.0060	96,246	58	96,217	6,249,890	64.94
11-12	0.0061	96,188	58	96,159	6,153,673	63.98
12-13	0.0063	96,130	61	96,100	6,057,514	63.01
13-14	0.0065	96,069	62	96,038	5,961,414	62.05
14-15	0.0067	96,007	65	95,975	5,865,376	61.09
15-16	0.0069	95,942	66	95,909	5,769,401	60.13
16-17	0.0072	95,876	69	95,842	5,673,492	59.18
17-18	0.0076	95,807	73	95,771	5,577,650	58.22
18-19	0.0081	95,734	77	95,696	5,481,879	57.26
19-20	0.0088	95,657	84	95,615	5,386,183	56.31
20-21	0.0095	95,573	91	95,527	5,290,568	55.36
21-22	0.0101	95,482	97	95,434	5,195,041	54.41
22-23	0.0106	95,385	101	95,335	5,099,607	53.46
23-24	0.0108	95,284	103	95,233	5,004,272	52.52
24-25	0.0108	95,181	102	95,130	4,909,039	51.58
25-26	0.0108	95,079	103	95,027	4,813,909	50.63
26-27	0.0109	94,976	104	94,924	4,718,882	49.68
27-28	0.0109	94,872	103	94,821	4,623,958	48.74
28-29	0.0110	94,769	104	94,717	4,529,137	47.79
29-30	0.0111	94,665	105	94,612	4,434,420	46.84
30-31	0.0112	94,560	106	94,507	4,339,808	45.89
31-32	0.0116	94,454	110	94,399	4,245,301	44.95
32-33	0.0123	94,344	116	94,286	4,150,902	44.00
33-34	0.0134	94,228	126	94,165	4,056,616	43.05
34-35	0.0148	94,102	139	94,032	3,962,451	42.11
35-36	0.0164	93,963	154	93,886	3,868,419	41.17
36-37	0.0181	93,809	170	93,724	3,774,533	40.24
37-38	0.0199	93,639	187	93,546	3,680,809	39.31
38-39	0.0216	93,452	201	93,352	3,587,263	38.39
39-40	0.0234	93,251	219	93,141	3,493,911	37.47
40-41	0.0253	93,032	235	92,915	3,400,770	36.55
41-42	0.0273	92,797	253	92,670	3,307,855	35.65
42-43	0.0296	92,544	274	92,407	3,215,185	34.74
43-44	0.0322	92,270	297	92,121	3,122,778	33.84
44-45	0.0350	91,973	322	91,812	3,030,657	32.95
45-46	0.0380	91,651	349	91,477	2,938,845	32.07
46-47	0.0412	91,302	376	91,114	2,847,368	31.19
47-48	0.0444	90,926	403	90,724	2,756,254	30.31
48-49	0.0475	90,523	430	90,308	2,665,530	29.45
49-50	0.0505	90,093	455	89,865	2,575,222	28.58
50-51	0.0537	89,638	482	89,397	2,485,357	27.73
51-52	0.0574	89,156	511	88,900	2,395,960	26.87
52-53	0.0620	88,645	550	88,370	2,307,060	26.03
53-54	0.0675	88,095	595	87,798	2,218,690	25.19
54-55	0.0737	87,500	645	87,178	2,130,892	24.35

TABLE 2. LIFE TABLE FOR WHITE FEMALES: COLORADO, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00806	86,855	700	86,505	2,043,714	23.53
56-57	.00878	86,155	756	85,777	1,957,209	22.72
57-58	.00954	85,399	815	84,992	1,871,432	21.91
58-59	.01030	84,584	871	84,149	1,786,440	21.12
59-60	.01106	83,713	926	83,250	1,702,291	20.33
60-61	.01188	82,787	983	82,295	1,619,041	19.56
61-62	.01280	81,804	1,047	81,280	1,536,746	18.79
62-63	.01387	80,757	1,121	80,196	1,455,466	18.02
63-64	.01501	79,636	1,195	79,039	1,375,270	17.27
64-65	.01619	78,441	1,270	77,806	1,296,231	16.52
65-66	.01753	77,171	1,353	76,495	1,218,425	15.79
66-67	.01914	75,818	1,451	75,093	1,141,930	15.06
67-68	.02115	74,367	1,573	73,581	1,066,837	14.35
68-69	.02350	72,794	1,710	71,939	993,256	13.64
69-70	.02610	71,084	1,856	70,156	921,317	12.96
70-71	.02905	69,228	2,011	68,223	851,161	12.30
71-72	.03242	67,217	2,179	66,128	782,938	11.65
72-73	.03630	65,038	2,361	63,858	716,810	11.02
73-74	.04077	62,677	2,555	61,400	652,952	10.42
74-75	.04577	60,122	2,752	58,746	591,552	9.84
75-76	.05118	57,370	2,936	55,902	532,806	9.29
76-77	.05687	54,434	3,096	52,886	476,904	8.76
77-78	.06274	51,338	3,221	49,728	424,018	8.26
78-79	.06829	48,117	3,286	46,474	374,290	7.78
79-80	.07362	44,831	3,300	43,181	327,816	7.31
80-81	.07943	41,531	3,299	39,881	284,635	6.85
81-82	.08645	38,232	3,305	36,579	244,754	6.40
82-83	.09538	34,927	3,331	33,261	208,175	5.96
83-84	.10640	31,596	3,362	29,915	174,914	5.54
84-85	.11902	28,234	3,361	26,554	144,999	5.14
85-86	.13300	24,873	3,308	23,219	118,445	4.76
86-87	.14809	21,565	3,193	19,968	95,226	4.42
87-88	.16404	18,372	3,014	16,865	75,258	4.10
88-89	.18141	15,358	2,786	13,965	58,393	3.80
89-90	.20035	12,572	2,519	11,312	44,428	3.53
90-91	.22005	10,053	2,212	8,947	33,116	3.29
91-92	.23967	7,841	1,879	6,901	24,169	3.08
92-93	.25837	5,962	1,541	5,192	17,268	2.90
93-94	.27607	4,421	1,220	3,811	12,076	2.73
94-95	.29331	3,201	939	2,731	8,265	2.58
95-96	.31025	2,262	702	1,911	5,534	2.45
96-97	.32701	1,560	510	1,305	3,623	2.32
97-98	.34374	1,050	361	870	2,318	2.21
98-99	.36035	689	248	565	1,448	2.10
99-100	.37674	441	166	358	883	2.00
100-101	.39305	275	108	221	525	1.91
101-102	.40942	167	69	133	304	1.83
102-103	.42600	98	41	77	171	1.74
103-104	.44282	57	26	44	94	1.67
104-105	.45980	31	14	24	50	1.59
105-106	.47687	17	8	13	26	1.52
106-107	.49396	9	4	7	13	1.46
107-108	.51100	5	3	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00193. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.93 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,076 will complete the first year of life and enter the second; 95,784 will begin the third year; 93,693 will reach age 21; and 40,869 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,924 die in the first year of life, 292 in the second year, 181 in the twenty-second year, and 2,819 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 93,602. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 93,602 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,630,494 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,624,590.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 93,602 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,693 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,630,494) is the total number of years lived after attaining age 21 by the 93,693 reaching that age. This number of years divided by the number of persons (4,630,494 divided by 93,693) gives 49.42 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Connecticut

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Connecticut Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 67.71 years for white males and 72.77 years for white females. This State ranks eighth among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: CONNECTICUT, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02377	100,000	2,377	97,910	6,770,834	67.71
1-2	0.0130	97,623	127	97,560	6,672,924	68.35
2-3	0.0104	97,496	101	97,445	6,575,364	67.44
3-4	0.0088	97,395	86	97,352	6,477,919	66.51
4-5	0.0084	97,309	82	97,268	6,380,567	65.57
5-6	0.0071	97,227	69	97,193	6,283,299	64.63
6-7	0.0059	97,158	57	97,130	6,186,106	63.67
7-8	0.0050	97,101	49	97,077	6,088,976	62.71
8-9	0.0043	97,052	41	97,031	5,991,899	61.74
9-10	0.0038	97,011	37	96,992	5,894,868	60.76
10-11	0.0035	96,974	34	96,957	5,797,876	59.79
11-12	0.0036	96,940	35	96,922	5,700,919	58.81
12-13	0.0039	96,905	38	96,886	5,603,997	57.83
13-14	0.0047	96,867	45	96,844	5,507,111	56.85
14-15	0.0059	96,822	58	96,793	5,410,267	55.88
15-16	0.0073	96,764	70	96,729	5,313,474	54.91
16-17	0.0087	96,694	84	96,652	5,216,745	53.95
17-18	0.0097	96,610	94	96,563	5,120,093	53.00
18-19	0.0104	96,516	100	96,466	5,023,530	52.05
19-20	0.0109	96,416	105	96,363	4,927,064	51.10
20-21	0.0112	96,311	108	96,257	4,830,701	50.16
21-22	0.0114	96,203	110	96,148	4,734,444	49.21
22-23	0.0116	96,093	111	96,037	4,638,296	48.27
23-24	0.0115	95,982	111	95,926	4,542,259	47.32
24-25	0.0112	95,871	107	95,817	4,446,333	46.38
25-26	0.0109	95,764	105	95,712	4,350,516	45.43
26-27	0.0107	95,659	102	95,608	4,254,804	44.48
27-28	0.0109	95,557	104	95,505	4,159,196	43.53
28-29	0.0115	95,453	110	95,398	4,063,691	42.57
29-30	0.0124	95,343	118	95,284	3,968,293	41.62
30-31	0.0135	95,225	129	95,161	3,873,009	40.67
31-32	0.0147	95,096	139	95,026	3,777,848	39.73
32-33	0.0159	94,957	151	94,881	3,682,822	38.78
33-34	0.0169	94,806	161	94,725	3,587,941	37.85
34-35	0.0179	94,645	169	94,561	3,493,216	36.91
35-36	0.0190	94,476	180	94,386	3,398,655	35.97
36-37	0.0205	94,296	193	94,200	3,304,269	35.04
37-38	0.0228	94,103	214	93,996	3,210,069	34.11
38-39	0.0259	93,889	244	93,767	3,116,073	33.19
39-40	0.0298	93,645	279	93,506	3,022,306	32.27
40-41	0.0341	93,366	318	93,207	2,928,800	31.37
41-42	0.0386	93,048	359	92,868	2,835,593	30.47
42-43	0.0431	92,689	400	92,489	2,742,725	29.59
43-44	0.0472	92,289	435	92,071	2,650,236	28.72
44-45	0.0511	91,854	470	91,619	2,558,165	27.85
45-46	0.0554	91,384	506	91,131	2,466,546	26.99
46-47	0.0605	90,878	550	90,603	2,375,415	26.14
47-48	0.0672	90,328	607	90,025	2,284,812	25.29
48-49	0.0755	89,721	677	89,383	2,194,787	24.46
49-50	0.0852	89,044	759	88,664	2,105,404	23.64
50-51	0.0958	88,285	846	87,862	2,016,740	22.84
51-52	0.1072	87,439	937	86,971	1,928,878	22.06
52-53	0.1191	86,502	1,030	85,987	1,841,907	21.29
53-54	0.1313	85,472	1,122	84,911	1,755,920	20.54
54-55	0.1439	84,350	1,214	83,743	1,671,009	19.81

TABLE 1. LIFE TABLE FOR WHITE MALES: CONNECTICUT, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01573	83,136	1,308	82,482	1,587,266	19.09
56-57	.01717	81,828	1,405	81,126	1,504,784	18.39
57-58	.01873	80,423	1,506	79,670	1,423,658	17.70
58-59	.02039	78,917	1,609	78,112	1,343,988	17.03
59-60	.02215	77,308	1,713	76,451	1,265,876	16.37
60-61	.02401	75,595	1,815	74,688	1,189,425	15.73
61-62	.02602	73,780	1,920	72,820	1,114,737	15.11
62-63	.02818	71,860	2,025	70,848	1,041,917	14.50
63-64	.03048	69,835	2,128	68,771	971,069	13.91
64-65	.03290	67,707	2,228	66,593	902,298	13.33
65-66	.03548	65,479	2,323	64,318	835,705	12.76
66-67	.03824	63,156	2,415	61,949	771,387	12.21
67-68	.04124	60,741	2,505	59,489	709,438	11.68
68-69	.04436	58,236	2,583	56,944	649,949	11.16
69-70	.04759	55,653	2,649	54,328	593,005	10.66
70-71	.05106	53,004	2,706	51,651	538,677	10.16
71-72	.05495	50,298	2,764	48,916	487,026	9.68
72-73	.05939	47,534	2,823	46,122	438,110	9.22
73-74	.06461	44,711	2,889	43,266	391,988	8.77
74-75	.07051	41,822	2,949	40,348	348,722	8.34
75-76	.07676	38,873	2,984	37,381	308,374	7.93
76-77	.08301	35,889	2,979	34,400	270,993	7.55
77-78	.08895	32,910	2,927	31,446	236,593	7.19
78-79	.09413	29,983	2,822	28,572	205,147	6.84
79-80	.09878	27,161	2,683	25,819	176,575	6.50
80-81	.10355	24,478	2,535	23,210	150,756	6.16
81-82	.10908	21,943	2,394	20,746	127,546	5.81
82-83	.11604	19,549	2,268	18,415	106,800	5.46
83-84	.12303	17,281	2,126	16,218	88,385	5.11
84-85	.12963	15,155	1,965	14,173	72,167	4.76
85-86	.13791	13,190	1,819	12,281	57,994	4.40
86-87	.14993	11,371	1,705	10,519	45,713	4.02
87-88	.16777	9,666	1,621	8,855	35,194	3.64
88-89	.19483	8,045	1,568	7,261	26,339	3.27
89-90	.22974	6,477	1,488	5,733	19,078	2.95
90-91	.26738	4,989	1,334	4,322	13,345	2.68
91-92	.30265	3,655	1,106	3,102	9,023	2.47
92-93	.33043	2,549	842	2,128	5,921	2.32
93-94	.34951	1,707	597	1,408	3,793	2.22
94-95	.36330	1,110	403	909	2,385	2.15
95-96	.37362	707	264	575	1,476	2.09
96-97	.38230	443	170	358	901	2.04
97-98	.39116	273	106	220	543	1.99
98-99	.39898	167	67	133	323	1.95
99-100	.40455	100	40	80	190	1.91
100-101	.40970	60	25	47	110	1.87
101-102	.41624	35	14	28	63	1.81
102-103	.42600	21	9	16	35	1.75
103-104	.43979	12	5	9	19	1.68
104-105	.45639	7	3	5	10	1.60
105-106	.47459	4	2	3	5	1.53
106-107	.49320	2	1	1	2	1.46
107-108	.51100	1	1	1	1	1.40
108-109	.52810					1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: CONNECTICUT, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFE-TIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.01841	100,000	1,841	98,409	7,277,069	72.77
1-2	0.0130	98,159	128	98,095	7,178,660	73.13
2-3	0.0076	98,031	74	97,994	7,080,565	72.23
3-4	0.0063	97,957	62	97,926	6,982,571	71.28
4-5	0.0047	97,895	46	97,872	6,884,645	70.33
5-6	0.0046	97,849	45	97,827	6,786,773	69.36
6-7	0.0044	97,804	43	97,783	6,688,946	68.39
7-8	0.0042	97,761	41	97,741	6,591,163	67.42
8-9	0.0039	97,720	38	97,701	6,493,422	66.45
9-10	0.0037	97,682	36	97,664	6,395,721	65.47
10-11	0.0035	97,646	34	97,629	6,298,057	64.50
11-12	0.0033	97,612	33	97,596	6,200,428	63.52
12-13	0.0032	97,579	31	97,564	6,102,832	62.54
13-14	0.0032	97,548	31	97,533	6,005,268	61.56
14-15	0.0032	97,517	31	97,501	5,907,735	60.58
15-16	0.0033	97,486	32	97,470	5,810,234	59.60
16-17	0.0034	97,454	34	97,437	5,712,764	58.62
17-18	0.0037	97,420	36	97,402	5,615,327	57.64
18-19	0.0041	97,384	40	97,364	5,517,925	56.66
19-20	0.0047	97,344	45	97,322	5,420,561	55.68
20-21	0.0053	97,299	52	97,273	5,323,239	54.71
21-22	0.0059	97,247	57	97,218	5,225,966	53.74
22-23	0.0063	97,190	61	97,159	5,128,748	52.77
23-24	0.0063	97,129	62	97,098	5,031,589	51.80
24-25	0.0064	97,067	62	97,036	4,934,491	50.84
25-26	0.0064	97,005	62	96,974	4,837,455	49.87
26-27	0.0065	96,943	63	96,912	4,740,481	48.90
27-28	0.0067	96,880	65	96,848	4,643,569	47.93
28-29	0.0074	96,815	71	96,779	4,546,721	46.96
29-30	0.0083	96,744	81	96,703	4,449,942	46.00
30-31	0.0094	96,663	91	96,618	4,353,239	45.04
31-32	0.0105	96,572	101	96,522	4,256,621	44.08
32-33	0.0115	96,471	111	96,416	4,160,099	43.12
33-34	0.0122	96,360	117	96,301	4,063,683	42.17
34-35	0.0128	96,243	124	96,181	3,967,382	41.22
35-36	0.0134	96,119	128	96,055	3,871,201	40.28
36-37	0.0143	95,991	138	95,922	3,775,146	39.33
37-38	0.0155	95,853	148	95,779	3,679,224	38.38
38-39	0.0172	95,705	165	95,622	3,583,445	37.44
39-40	0.0191	95,540	182	95,449	3,487,823	36.51
40-41	0.0214	95,358	204	95,256	3,392,374	35.58
41-42	0.0239	95,154	228	95,040	3,297,118	34.65
42-43	0.0265	94,926	251	94,800	3,202,078	33.73
43-44	0.0292	94,675	277	94,536	3,107,278	32.82
44-45	0.0321	94,398	303	94,247	3,012,742	31.92
45-46	0.0352	94,095	331	93,930	2,918,495	31.02
46-47	0.0387	93,764	363	93,582	2,824,565	30.12
47-48	0.0427	93,401	399	93,202	2,730,983	29.24
48-49	0.0472	93,002	439	92,783	2,637,781	28.36
49-50	0.0521	92,563	482	92,322	2,544,998	27.49
50-51	0.0574	92,081	529	91,817	2,452,676	26.64
51-52	0.0631	91,552	577	91,264	2,360,859	25.79
52-53	0.0693	90,975	631	90,660	2,269,595	24.95
53-54	0.0757	90,344	684	90,002	2,178,935	24.12
54-55	0.0822	89,660	737	89,292	2,088,933	23.30

TABLE 2. LIFE TABLE FOR WHITE FEMALES: CONNECTICUT, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	•00893	88,923	794	88,526	1,999,641	22.49
56-57	•00974	88,129	858	87,700	1,911,115	21.69
57-58	•01068	87,271	932	86,805	1,823,415	20.89
58-59	•01176	86,339	1,015	85,831	1,736,610	20.11
59-60	•01296	85,324	1,106	84,771	1,650,779	19.35
60-61	•01426	84,218	1,201	83,617	1,566,008	18.59
61-62	•01567	83,017	1,301	82,366	1,482,391	17.86
62-63	•01719	81,716	1,405	81,014	1,400,025	17.13
63-64	•01876	80,311	1,506	79,558	1,319,011	16.42
64-65	•02037	78,805	1,606	78,002	1,239,453	15.73
65-66	•02213	77,199	1,708	76,345	1,161,451	15.04
66-67	•02410	75,491	1,819	74,581	1,085,106	14.37
67-68	•02637	73,672	1,943	72,700	1,010,525	13.72
68-69	•02887	71,729	2,071	70,693	937,825	13.07
69-70	•03155	69,658	2,198	68,559	867,132	12.45
70-71	•03451	67,460	2,328	66,296	798,573	11.84
71-72	•03786	65,132	2,466	63,899	732,277	11.24
72-73	•04172	62,666	2,614	61,359	668,378	10.67
73-74	•04604	60,052	2,765	58,670	607,019	10.11
74-75	•05076	57,287	2,908	55,833	548,349	9.57
75-76	•05593	54,379	3,041	52,859	492,516	9.06
76-77	•06159	51,338	3,162	49,757	439,657	8.56
77-78	•06782	48,176	3,267	46,542	389,900	8.09
78-79	•07498	44,909	3,368	43,225	343,358	7.65
79-80	•08304	41,541	3,449	39,817	300,133	7.22
80-81	•09144	38,092	3,483	36,350	260,316	6.83
81-82	•09959	34,609	3,447	32,885	223,966	6.47
82-83	•10695	31,162	3,333	29,496	191,081	6.13
83-84	•11165	27,829	3,107	26,276	161,585	5.81
84-85	•11409	24,722	2,820	23,312	135,309	5.47
85-86	•11702	21,902	2,563	20,620	111,997	5.11
86-87	•12322	19,339	2,383	18,147	91,377	4.73
87-88	•13547	16,956	2,297	15,807	73,230	4.32
88-89	•15619	14,659	2,290	13,514	57,423	3.92
89-90	•18354	12,369	2,270	11,234	43,909	3.55
90-91	•21387	10,099	2,160	9,019	32,675	3.24
91-92	•24354	7,939	1,933	6,972	23,656	2.98
92-93	•26891	6,006	1,615	5,198	16,684	2.78
93-94	•28949	4,391	1,271	3,755	11,486	2.62
94-95	•30770	3,120	960	2,640	7,731	2.48
95-96	•32429	2,160	701	1,810	5,091	2.36
96-97	•33999	1,459	496	1,211	3,281	2.25
97-98	•35553	963	342	792	2,070	2.15
98-99	•37043	621	230	506	1,278	2.06
99-100	•38418	391	150	316	772	1.98
100-101	•39754	241	96	193	456	1.90
101-102	•41123	145	60	115	263	1.82
102-103	•42600	85	36	67	148	1.75
103-104	•44207	49	22	38	81	1.67
104-105	•45895	27	12	21	43	1.60
105-106	•47630	15	7	11	22	1.53
106-107	•49377	8	4	6	11	1.46
107-108	•51100	4	2	3	5	1.40
108-109	•52810	2	1	1	2	1.35
109-110	•54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00114. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.14 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,623 will complete the first year of life and enter the second; 97,496 will begin the third year; 96,203 will reach age 21; and 38,873 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,377 die in the first year of life, 127 in the second year, 110 in the twenty-second year, and 2,984 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 96,148. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 96,148 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,734,444 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,770,834.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 96,148 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 96,203 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,734,444) is the total number of years lived after attaining age 21 by the 96,203 reaching that age. This number of years divided by the number of persons (4,734,444 divided by 96,203) gives 49.21 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Delaware

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Delaware Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.98 years for white males, 71.29 years for white females, 56.54 years for nonwhite males, and 61.85 years for nonwhite females. This State ranks 34th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: DELAWARE, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	L_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02851	100,000	2,851	97,493	6,598,315	65.98
1-2	0.00162	97,149	157	97,070	6,500,822	66.92
2-3	0.00112	96,992	109	96,937	6,403,752	66.02
3-4	0.00109	96,883	106	96,830	6,306,815	65.10
4-5	0.00075	96,777	72	96,741	6,209,985	64.17
5-6	0.00074	96,705	72	96,669	6,113,244	63.22
6-7	0.00073	96,633	70	96,598	6,016,575	62.26
7-8	0.00072	96,563	70	96,528	5,919,977	61.31
8-9	0.00068	96,493	65	96,460	5,823,449	60.35
9-10	0.00065	96,428	63	96,396	5,726,989	59.39
10-11	0.00064	96,365	62	96,334	5,630,593	58.43
11-12	0.00065	96,303	62	96,272	5,534,259	57.47
12-13	0.00071	96,241	69	96,206	5,437,987	56.50
13-14	0.00083	96,172	80	96,132	5,341,781	55.54
14-15	0.00100	96,092	96	96,044	5,245,649	54.59
15-16	0.00120	95,996	115	95,939	5,149,605	53.64
16-17	0.00138	95,881	132	95,815	5,053,666	52.71
17-18	0.00152	95,749	146	95,676	4,957,851	51.78
18-19	0.00162	95,603	155	95,526	4,862,175	50.86
19-20	0.00169	95,448	161	95,368	4,766,649	49.94
20-21	0.00175	95,287	167	95,204	4,671,281	49.02
21-22	0.00178	95,120	169	95,036	4,576,077	48.11
22-23	0.00179	94,951	170	94,866	4,481,041	47.19
23-24	0.00176	94,781	167	94,698	4,386,175	46.25
24-25	0.00170	94,614	161	94,534	4,291,477	45.36
25-26	0.00161	94,453	152	94,377	4,196,943	44.43
26-27	0.00154	94,301	145	94,229	4,102,566	43.51
27-28	0.00150	94,156	141	94,086	4,008,337	42.57
28-29	0.00148	94,015	139	93,945	3,914,251	41.63
29-30	0.00146	93,876	137	93,807	3,820,306	40.70
30-31	0.00146	93,739	137	93,670	3,726,499	39.75
31-32	0.00150	93,602	141	93,532	3,632,829	38.81
32-33	0.00160	93,461	149	93,387	3,539,297	37.87
33-34	0.00176	93,312	164	93,230	3,445,910	36.93
34-35	0.00198	93,148	185	93,055	3,352,680	35.99
35-36	0.00224	92,963	208	92,859	3,259,625	35.06
36-37	0.00254	92,755	236	92,637	3,166,766	34.14
37-38	0.00287	92,519	265	92,387	3,074,129	33.23
38-39	0.00322	92,254	297	92,105	2,981,742	32.32
39-40	0.00358	91,957	329	91,792	2,889,637	31.42
40-41	0.00399	91,628	366	91,445	2,797,845	30.53
41-42	0.00447	91,262	408	91,058	2,706,400	29.66
42-43	0.00506	90,854	460	90,624	2,615,342	28.79
43-44	0.00581	90,394	525	90,132	2,524,718	27.93
44-45	0.00671	89,869	603	89,568	2,434,586	27.09
45-46	0.00766	89,266	684	88,924	2,345,018	26.27
46-47	0.00856	88,582	758	88,203	2,256,094	25.47
47-48	0.00932	87,824	818	87,415	2,167,891	24.68
48-49	0.00982	87,006	855	86,578	2,080,476	23.91
49-50	0.01014	86,151	873	85,714	1,993,898	23.14
50-51	0.01043	85,278	890	84,833	1,908,184	22.38
51-52	0.01086	84,388	916	83,930	1,823,351	21.61
52-53	0.01160	83,472	969	82,988	1,739,421	20.84
53-54	0.01268	82,503	1,046	81,980	1,656,433	20.08
54-55	0.01399	81,457	1,139	80,888	1,574,453	19.33

TABLE 1. LIFE TABLE FOR WHITE MALES: DELAWARE, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	•01547	80,318	1,243	79,696	1,493,565	18.60
56-57	•01710	79,075	1,352	78,399	1,413,869	17.88
57-58	•01881	77,723	1,462	76,992	1,335,470	17.18
58-59	•02056	76,261	1,568	75,477	1,258,478	16.50
59-60	•02238	74,693	1,672	73,857	1,183,001	15.84
60-61	•02435	73,021	1,778	72,132	1,109,144	15.19
61-62	•02653	71,243	1,890	70,298	1,037,012	14.56
62-63	•02900	69,353	2,011	68,348	966,714	13.94
63-64	•03184	67,342	2,144	66,270	898,366	13.34
64-65	•03500	65,198	2,282	64,057	832,096	12.76
65-66	•03836	62,916	2,413	61,709	768,039	12.21
66-67	•04181	60,503	2,530	59,238	706,330	11.67
67-68	•04523	57,973	2,622	56,662	647,092	11.16
68-69	•04840	55,351	2,679	54,011	590,430	10.67
69-70	•05138	52,672	2,706	51,319	536,419	10.18
70-71	•05453	49,966	2,725	48,603	485,100	9.71
71-72	•05820	47,241	2,750	45,866	436,497	9.24
72-73	•06274	44,491	2,791	43,096	390,631	8.78
73-74	•06855	41,700	2,858	40,271	347,535	8.33
74-75	•07541	38,842	2,929	37,377	307,264	7.91
75-76	•08270	35,913	2,970	34,428	269,887	7.52
76-77	•08981	32,943	2,959	31,463	235,459	7.15
77-78	•09615	29,984	2,883	28,543	203,996	6.80
78-79	•10056	27,101	2,725	25,738	175,453	6.47
79-80	•10345	24,376	2,522	23,115	149,715	6.14
80-81	•10653	21,854	2,328	20,690	126,600	5.79
81-82	•11154	19,526	2,178	18,437	105,910	5.42
82-83	•12019	17,348	2,085	16,306	87,473	5.04
83-84	•13313	15,263	2,032	14,247	71,167	4.66
84-85	•14922	13,231	1,974	12,244	56,920	4.30
85-86	•16748	11,257	1,886	10,314	44,676	3.97
86-87	•18693	9,371	1,751	8,496	34,362	3.67
87-88	•20659	7,620	1,575	6,833	25,866	3.39
88-89	•22759	6,045	1,375	5,358	19,033	3.15
89-90	•25057	4,670	1,170	4,085	13,675	2.93
90-91	•27386	3,500	959	3,020	9,590	2.74
91-92	•29576	2,541	751	2,165	6,570	2.59
92-93	•31461	1,790	563	1,508	4,405	2.46
93-94	•32974	1,227	405	1,024	2,897	2.36
94-95	•34228	822	281	681	1,873	2.28
95-96	•35321	541	191	445	1,192	2.20
96-97	•36350	350	127	286	747	2.13
97-98	•37414	223	84	181	461	2.07
98-99	•38447	139	53	113	280	2.00
99-100	•39385	86	34	69	167	1.94
100-101	•40324	52	21	42	98	1.88
101-102	•41363	31	13	25	56	1.82
102-103	•42600	18	8	14	31	1.75
103-104	•44088	10	4	8	17	1.67
104-105	•45761	6	3	5	9	1.60
105-106	•47541	3	1	2	4	1.53
106-107	•49347	2	1	1	2	1.46
107-108	•51100	1	1	1	1	1.40
108-109	•52810					1.35
109-110	•54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: DELAWARE, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02373	100,000	2,373	97,949	7,128,806	71.29
1-2	.00146	97,627	143	97,556	7,030,857	72.02
2-3	.00067	97,484	65	97,452	6,933,301	71.12
3-4	.00057	97,419	55	97,391	6,835,849	70.17
4-5	.00051	97,364	50	97,339	6,738,458	69.21
5-6	.00047	97,314	46	97,291	6,641,119	68.24
6-7	.00045	97,268	44	97,246	6,543,828	67.28
7-8	.00045	97,224	43	97,203	6,446,582	66.31
8-9	.00047	97,181	46	97,158	6,349,379	65.34
9-10	.00049	97,135	48	97,111	6,252,221	64.37
10-11	.00052	97,087	50	97,062	6,155,110	63.40
11-12	.00054	97,037	52	97,011	6,058,048	62.43
12-13	.00056	96,985	55	96,957	5,961,037	61.46
13-14	.00056	96,930	54	96,903	5,864,080	60.50
14-15	.00056	96,876	54	96,849	5,767,177	59.53
15-16	.00056	96,822	55	96,795	5,670,328	58.56
16-17	.00056	96,767	54	96,740	5,573,533	57.60
17-18	.00057	96,713	55	96,686	5,476,793	56.63
18-19	.00061	96,658	59	96,629	5,380,107	55.66
19-20	.00066	96,599	64	96,567	5,283,478	54.69
20-21	.00071	96,535	68	96,501	5,186,911	53.73
21-22	.00076	96,467	73	96,430	5,090,410	52.77
22-23	.00080	96,394	78	96,355	4,993,980	51.81
23-24	.00081	96,316	78	96,277	4,897,625	50.85
24-25	.00081	96,238	77	96,199	4,801,348	49.89
25-26	.00082	96,161	79	96,121	4,705,149	48.93
26-27	.00082	96,082	79	96,042	4,609,028	47.97
27-28	.00083	96,003	80	95,963	4,512,986	47.01
28-29	.00088	95,923	84	95,881	4,417,023	46.05
29-30	.00096	95,839	92	95,793	4,321,142	45.09
30-31	.00104	95,747	100	95,697	4,225,349	44.13
31-32	.00115	95,647	110	95,592	4,129,652	43.18
32-33	.00126	95,537	120	95,477	4,034,060	42.23
33-34	.00140	95,417	134	95,350	3,938,583	41.28
34-35	.00156	95,283	148	95,209	3,843,233	40.33
35-36	.00173	95,135	165	95,052	3,748,024	39.40
36-37	.00189	94,970	179	94,880	3,652,972	38.46
37-38	.00203	94,791	193	94,694	3,558,092	37.54
38-39	.00210	94,598	199	94,499	3,463,398	36.61
39-40	.00212	94,399	200	94,299	3,368,899	35.69
40-41	.00215	94,199	202	94,098	3,274,600	34.76
41-42	.00224	93,997	211	93,892	3,180,502	33.84
42-43	.00245	93,786	230	93,671	3,086,610	32.91
43-44	.00284	93,556	265	93,424	2,992,939	31.99
44-45	.00338	93,291	316	93,133	2,899,515	31.08
45-46	.00397	92,975	369	92,791	2,806,382	30.18
46-47	.00454	92,606	420	92,396	2,713,591	29.30
47-48	.00499	92,186	460	91,956	2,621,195	28.43
48-49	.00522	91,726	479	91,486	2,529,239	27.57
49-50	.00529	91,247	483	91,006	2,437,753	26.72
50-51	.00536	90,764	486	90,521	2,346,747	25.86
51-52	.00560	90,278	506	90,025	2,256,226	24.99
52-53	.00617	89,772	554	89,495	2,166,201	24.13
53-54	.00720	89,218	642	88,897	2,076,706	23.28
54-55	.00856	88,576	758	88,197	1,987,809	22.44

TABLE 2. LIFE TABLE FOR WHITE FEMALES: DELAWARE, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	o_e_x
55-56	.01010	87,818	887	87,374	1,899,612	21.63
56-57	.01163	86,931	1,011	86,425	1,812,238	20.85
57-58	.01298	85,920	1,115	85,362	1,725,813	20.09
58-59	.01406	84,805	1,193	84,208	1,640,451	19.34
59-60	.01500	83,612	1,254	82,985	1,556,243	18.61
60-61	.01591	82,358	1,310	81,703	1,473,258	17.89
61-62	.01694	81,048	1,373	80,361	1,391,555	17.17
62-63	.01821	79,675	1,451	78,949	1,311,194	16.46
63-64	.01962	78,224	1,535	77,457	1,232,245	15.75
64-65	.02108	76,689	1,616	75,881	1,154,788	15.06
65-66	.02275	75,073	1,708	74,219	1,078,907	14.37
66-67	.02479	73,365	1,819	72,455	1,004,688	13.69
67-68	.02737	71,546	1,958	70,567	932,233	13.03
68-69	.03047	69,588	2,121	68,528	861,666	12.38
69-70	.03398	67,467	2,292	66,321	793,138	11.76
70-71	.03793	65,175	2,472	63,939	726,817	11.15
71-72	.04233	62,703	2,654	61,376	662,878	10.57
72-73	.04721	60,049	2,835	58,631	601,502	10.02
73-74	.05283	57,214	3,023	55,702	542,871	9.49
74-75	.05917	54,191	3,206	52,588	487,169	8.99
75-76	.06584	50,985	3,357	49,306	434,581	8.52
76-77	.07247	47,628	3,452	45,902	385,275	8.09
77-78	.07866	44,176	3,475	42,439	339,373	7.68
78-79	.08372	40,701	3,407	38,998	296,934	7.30
79-80	.08792	37,294	3,279	35,654	257,936	6.92
80-81	.09228	34,015	3,139	32,445	222,282	6.53
81-82	.09784	30,876	3,021	29,366	189,837	6.15
82-83	.10565	27,855	2,943	26,384	160,471	5.76
83-84	.11618	24,912	2,894	23,465	134,087	5.38
84-85	.12874	22,018	2,835	20,601	110,622	5.02
85-86	.14261	19,183	2,735	17,815	90,021	4.69
86-87	.15708	16,448	2,584	15,156	72,206	4.39
87-88	.17143	13,864	2,377	12,676	57,050	4.11
88-89	.18559	11,487	2,132	10,421	44,374	3.86
89-90	.20003	9,355	1,871	8,420	33,953	3.63
90-91	.21486	7,484	1,608	6,680	25,533	3.41
91-92	.23020	5,876	1,353	5,200	18,853	3.21
92-93	.24615	4,523	1,113	3,967	13,653	3.02
93-94	.26287	3,410	896	2,962	9,686	2.84
94-95	.28030	2,514	705	2,161	6,724	2.68
95-96	.29818	1,809	539	1,539	4,563	2.52
96-97	.31628	1,270	402	1,069	3,024	2.38
97-98	.33436	868	290	723	1,955	2.25
98-99	.35257	578	204	476	1,232	2.13
99-100	.37109	374	139	305	756	2.02
100-101	.38966	235	91	189	451	1.92
101-102	.40804	144	59	114	262	1.83
102-103	.42600	85	36	67	148	1.74
103-104	.44342	49	22	38	81	1.66
104-105	.46048	27	12	21	43	1.59
105-106	.47732	15	7	11	22	1.52
106-107	.49411	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: DELAWARE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.05590	100,000	5,590	95,341	5,653,926	56.54
1-2	.00516	94,410	487	94,166	5,558,585	58.88
2-3	.00280	93,923	263	93,791	5,464,419	58.18
3-4	.00204	93,660	191	93,564	5,370,628	57.34
4-5	.00156	93,469	146	93,396	5,277,064	56.46
5-6	.00157	93,323	147	93,250	5,183,668	55.55
6-7	.00159	93,176	148	93,102	5,090,418	54.63
7-8	.00162	93,028	150	92,953	4,997,316	53.72
8-9	.00166	92,878	155	92,801	4,904,363	52.80
9-10	.00170	92,723	157	92,645	4,811,562	51.89
10-11	.00175	92,566	162	92,485	4,718,917	50.98
11-12	.00180	92,404	167	92,321	4,626,432	50.07
12-13	.00186	92,237	171	92,152	4,534,111	49.16
13-14	.00187	92,066	172	91,980	4,441,959	48.25
14-15	.00185	91,894	170	91,809	4,349,979	47.34
15-16	.00185	91,724	170	91,639	4,258,170	46.42
16-17	.00193	91,554	177	91,466	4,166,531	45.51
17-18	.00218	91,377	199	91,278	4,075,065	44.60
18-19	.00268	91,178	244	91,056	3,983,787	43.69
19-20	.00338	90,934	308	90,780	3,892,731	42.81
20-21	.00415	90,626	376	90,438	3,801,951	41.95
21-22	.00484	90,250	436	90,032	3,711,513	41.12
22-23	.00531	89,814	477	89,575	3,621,481	40.32
23-24	.00549	89,337	491	89,091	3,531,906	39.53
24-25	.00547	88,846	486	88,603	3,442,815	38.75
25-26	.00535	88,360	473	88,124	3,354,212	37.96
26-27	.00525	87,887	461	87,657	3,266,088	37.16
27-28	.00526	87,426	460	87,196	3,178,431	36.36
28-29	.00538	86,966	468	86,732	3,091,235	35.55
29-30	.00555	86,498	480	86,258	3,004,503	34.73
30-31	.00576	86,018	495	85,771	2,918,245	33.93
31-32	.00602	85,523	515	85,265	2,832,474	33.12
32-33	.00632	85,008	537	84,739	2,747,209	32.32
33-34	.00668	84,471	565	84,189	2,662,470	31.52
34-35	.00710	83,906	595	83,609	2,578,281	30.73
35-36	.00756	83,311	630	82,996	2,494,672	29.94
36-37	.00804	82,681	665	82,348	2,411,676	29.17
37-38	.00851	82,016	698	81,667	2,329,328	28.40
38-39	.00894	81,318	727	80,955	2,247,661	27.64
39-40	.00935	80,591	753	80,214	2,166,706	26.89
40-41	.00979	79,838	782	79,447	2,086,492	26.13
41-42	.01032	79,056	816	78,648	2,007,045	25.39
42-43	.01098	78,240	859	77,811	1,928,397	24.65
43-44	.01182	77,381	915	76,924	1,850,586	23.92
44-45	.01280	76,466	978	75,977	1,773,662	23.20
45-46	.01387	75,488	1,047	74,964	1,697,685	22.49
46-47	.01496	74,441	1,114	73,884	1,622,721	21.80
47-48	.01602	73,327	1,175	72,740	1,548,837	21.12
48-49	.01698	72,152	1,225	71,540	1,476,097	20.46
49-50	.01788	70,927	1,268	70,293	1,404,557	19.80
50-51	.01881	69,659	1,310	69,004	1,334,264	19.15
51-52	.01988	68,349	1,359	67,669	1,265,260	18.51
52-53	.02119	66,990	1,420	66,280	1,197,591	17.88
53-54	.02271	65,570	1,489	64,826	1,131,311	17.25
54-55	.02438	64,081	1,562	63,300	1,066,485	16.64

TABLE 3. LIFE TABLE FOR NONWHITE MALES: DELAWARE, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02623	62,519	1,640	61,699	1,003,185	16.05
56-57	.02828	60,879	1,722	60,018	941,486	15.46
57-58	.03057	59,157	1,808	58,253	881,468	14.90
58-59	.03311	57,349	1,899	56,400	823,215	14.35
59-60	.03589	55,450	1,990	54,455	766,815	13.83
60-61	.03887	53,460	2,078	52,421	712,360	13.33
61-62	.04204	51,382	2,160	50,302	659,939	12.84
62-63	.04536	49,222	2,233	48,106	609,637	12.39
63-64	.04894	46,989	2,299	45,839	561,531	11.95
64-65	.05279	44,690	2,360	43,510	515,692	11.54
65-66	.05677	42,330	2,403	41,129	472,182	11.15
66-67	.06073	39,927	2,424	38,715	431,053	10.80
67-68	.06452	37,503	2,420	36,293	392,338	10.46
68-69	.06823	35,083	2,394	33,886	356,045	10.15
69-70	.07194	32,689	2,351	31,513	322,159	9.86
70-71	.07555	30,338	2,292	29,192	290,646	9.58
71-72	.07894	28,046	2,214	26,939	261,454	9.32
72-73	.08197	25,832	2,118	24,773	234,515	9.08
73-74	.08464	23,714	2,007	22,711	209,742	8.84
74-75	.08704	21,707	1,889	20,762	187,031	8.62
75-76	.08917	19,818	1,767	18,934	166,269	8.39
76-77	.09106	18,051	1,644	17,229	147,335	8.16
77-78	.09272	16,407	1,521	15,646	130,106	7.93
78-79	.09347	14,886	1,392	14,190	114,460	7.69
79-80	.09377	13,494	1,265	12,862	100,270	7.43
80-81	.09410	12,229	1,151	11,654	87,408	7.15
81-82	.09454	11,078	1,047	10,554	75,754	6.84
82-83	.09756	10,031	979	9,542	65,200	6.50
83-84	.10240	9,052	927	8,589	55,658	6.15
84-85	.10842	8,125	881	7,685	47,069	5.79
85-86	.11586	7,244	839	6,825	39,384	5.44
86-87	.12495	6,405	800	6,005	32,559	5.08
87-88	.13592	5,605	762	5,224	26,554	4.74
88-89	.14911	4,843	722	4,482	21,330	4.40
89-90	.16436	4,121	678	3,782	16,848	4.09
90-91	.18117	3,443	623	3,132	13,066	3.79
91-92	.19903	2,820	562	2,539	9,934	3.52
92-93	.21745	2,258	491	2,013	7,395	3.27
93-94	.23675	1,767	418	1,558	5,382	3.05
94-95	.25728	1,349	347	1,175	3,824	2.83
95-96	.27852	1,002	279	862	2,649	2.64
96-97	.29998	723	217	614	1,787	2.47
97-98	.32115	506	163	425	1,173	2.32
98-99	.34236	343	117	285	748	2.17
99-100	.36396	226	82	185	463	2.05
100-101	.38543	144	56	116	278	1.93
101-102	.40628	88	36	70	162	1.83
102-103	.42600	52	22	41	92	1.74
103-104	.44427	30	13	23	51	1.66
104-105	.46143	17	8	13	28	1.59
105-106	.47795	9	4	7	15	1.52
106-107	.49432	5	3	4	8	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: DELAWARE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^a
0-1	0.03689	100,000	3,689	96,957	6,184,972	61.85
1-2	0.0405	96,311	390	96,116	6,088,015	63.21
2-3	0.0224	95,921	215	95,814	5,991,899	62.47
3-4	0.0181	95,706	173	95,619	5,896,085	61.61
4-5	0.0144	95,533	138	95,464	5,800,466	60.72
5-6	0.0114	95,395	108	95,341	5,705,002	59.80
6-7	0.0091	95,287	87	95,243	5,609,661	58.87
7-8	0.0074	95,200	71	95,165	5,514,418	57.92
8-9	0.0063	95,129	60	95,099	5,419,253	56.97
9-10	0.0056	95,069	53	95,043	5,324,154	56.00
10-11	0.0055	95,016	52	94,990	5,229,111	55.03
11-12	0.0057	94,964	54	94,937	5,134,121	54.06
12-13	0.0064	94,910	61	94,879	5,039,184	53.09
13-14	0.0077	94,849	73	94,813	4,944,305	52.13
14-15	0.0096	94,776	91	94,731	4,849,492	51.17
15-16	0.0118	94,685	112	94,629	4,754,761	50.22
16-17	0.0139	94,573	131	94,508	4,660,132	49.28
17-18	0.0157	94,442	148	94,368	4,565,624	48.34
18-19	0.0170	94,294	161	94,213	4,471,256	47.42
19-20	0.0179	94,133	168	94,049	4,377,043	46.50
20-21	0.0188	93,965	177	93,876	4,282,994	45.58
21-22	0.0198	93,788	186	93,695	4,189,118	44.67
22-23	0.0213	93,602	199	93,503	4,095,423	43.75
23-24	0.0233	93,403	218	93,294	4,001,920	42.85
24-25	0.0258	93,185	240	93,065	3,908,626	41.94
25-26	0.0284	92,945	264	92,813	3,815,561	41.05
26-27	0.0310	92,681	287	92,537	3,722,748	40.17
27-28	0.0335	92,394	310	92,239	3,630,211	39.29
28-29	0.0355	92,084	327	91,921	3,537,972	38.42
29-30	0.0373	91,757	342	91,586	3,446,051	37.56
30-31	0.0391	91,415	357	91,236	3,354,465	36.69
31-32	0.0413	91,058	376	90,870	3,263,229	35.84
32-33	0.0443	90,682	402	90,481	3,172,359	34.98
33-34	0.0478	90,280	432	90,064	3,081,878	34.14
34-35	0.0516	89,848	463	89,617	2,991,814	33.30
35-36	0.0560	89,385	501	89,134	2,902,197	32.47
36-37	0.0613	88,884	545	88,612	2,813,063	31.65
37-38	0.0678	88,339	599	88,040	2,724,451	30.84
38-39	0.0760	87,740	666	87,407	2,636,411	30.05
39-40	0.0856	87,074	746	86,701	2,549,004	29.27
40-41	0.0960	86,328	829	85,914	2,462,303	28.52
41-42	0.1065	85,499	910	85,044	2,376,389	27.79
42-43	0.1165	84,589	986	84,096	2,291,345	27.09
43-44	0.1262	83,603	1,055	83,076	2,207,249	26.40
44-45	0.1360	82,548	1,122	81,987	2,124,173	25.73
45-46	0.1456	81,426	1,186	80,833	2,042,186	25.08
46-47	0.1546	80,240	1,240	79,620	1,961,353	24.44
47-48	0.1628	79,000	1,287	78,357	1,881,733	23.82
48-49	0.1697	77,713	1,318	77,054	1,803,376	23.21
49-50	0.1755	76,395	1,341	75,724	1,726,322	22.60
50-51	0.1809	75,054	1,358	74,375	1,650,598	21.99
51-52	0.1863	73,696	1,373	73,010	1,576,223	21.39
52-53	0.1925	72,323	1,392	71,627	1,503,213	20.78
53-54	0.1986	70,931	1,409	70,227	1,431,586	20.18
54-55	0.2043	69,522	1,420	68,812	1,361,359	19.58

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: DELAWARE, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02107	68,102	1,435	67,385	1,292,547	18.98
56-57	.02189	66,667	1,459	65,937	1,225,162	18.38
57-58	.02299	65,208	1,499	64,458	1,159,225	17.78
58-59	.02440	63,709	1,555	62,931	1,094,767	17.18
59-60	.02604	62,154	1,618	61,345	1,031,836	16.60
60-61	.02789	60,536	1,689	59,691	970,491	16.03
61-62	.02990	58,847	1,759	57,968	910,800	15.48
62-63	.03206	57,088	1,830	56,173	852,832	14.94
63-64	.03431	55,258	1,896	54,310	796,659	14.42
64-65	.03667	53,362	1,957	52,383	742,349	13.91
65-66	.03921	51,405	2,016	50,397	689,966	13.42
66-67	.04202	49,389	2,075	48,352	639,569	12.95
67-68	.04516	47,314	2,137	46,246	591,217	12.50
68-69	.04901	45,177	2,214	44,070	544,971	12.06
69-70	.05350	42,963	2,298	41,814	500,901	11.66
70-71	.05811	40,665	2,363	39,483	459,087	11.29
71-72	.06226	38,302	2,385	37,109	419,604	10.96
72-73	.06542	35,917	2,350	34,742	382,495	10.65
73-74	.06612	33,567	2,219	32,458	347,753	10.36
74-75	.06752	31,348	2,117	30,289	315,295	10.06
75-76	.06793	29,231	1,986	28,238	285,006	9.75
76-77	.06843	27,245	1,864	26,313	256,768	9.42
77-78	.06993	25,381	1,775	24,494	230,455	9.08
78-79	.07263	23,606	1,714	22,749	205,961	8.72
79-80	.07607	21,892	1,666	21,059	183,212	8.37
80-81	.07994	20,226	1,617	19,418	162,153	8.02
81-82	.08390	18,609	1,561	17,829	142,735	7.67
82-83	.08765	17,048	1,494	16,301	124,906	7.33
83-84	.09011	15,554	1,402	14,853	108,605	6.98
84-85	.09149	14,152	1,294	13,505	93,752	6.62
85-86	.09341	12,858	1,202	12,257	80,247	6.24
86-87	.09746	11,656	1,136	11,088	67,990	5.83
87-88	.10526	10,520	1,107	9,967	56,902	5.41
88-89	.11734	9,413	1,104	8,861	46,935	4.99
89-90	.13263	8,309	1,102	7,758	38,074	4.58
90-91	.15033	7,207	1,084	6,665	30,316	4.21
91-92	.16964	6,123	1,039	5,604	23,651	3.86
92-93	.18976	5,084	964	4,602	18,047	3.55
93-94	.21122	4,120	871	3,685	13,445	3.26
94-95	.23455	3,249	762	2,868	9,760	3.00
95-96	.25896	2,487	644	2,165	6,892	2.77
96-97	.28365	1,843	523	1,582	4,727	2.56
97-98	.30780	1,320	406	1,117	3,145	2.38
98-99	.33196	914	303	762	2,028	2.22
99-100	.35666	611	218	502	1,266	2.07
100-101	.38110	393	150	318	764	1.94
101-102	.40448	243	98	194	446	1.83
102-103	.42600	145	62	114	252	1.74
103-104	.44512	83	37	65	138	1.66
104-105	.46239	46	21	35	73	1.59
105-106	.47859	25	12	19	38	1.52
106-107	.49453	13	6	10	19	1.46
107-108	.51100	7	4	5	9	1.40
108-109	.52810	3	1	2	4	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00178. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.78 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,149 will complete the first year of life and enter the second; 96,992 will begin the third year; 95,120 will reach age 21; and 35,913 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,851 die in the first year of life, 157 in the second year, 169 in the twenty-second year, and 2,970 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,036. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,036 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,576,077 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,598,315.

*Column 7—Average remaining lifetime (e_x^0).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,036 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,120 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,576,077) is the total number of years lived after attaining age 21 by the 95,120 reaching that age. This number of years divided by the number of persons (4,576,077 divided by 95,120) gives 48.11 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

District of Columbia

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

District of Columbia Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.05 years for white males, 72.71 years for white females, 58.73 years for nonwhite males, and 63.46 years for nonwhite females. This State ranks 45th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	45.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: DISTRICT OF COLUMBIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.03263	100,000	3,263	97,130	6,505,209	65.05
1-2	0.0103	96,737	100	96,687	6,408,079	66.24
2-3	0.0088	96,637	85	96,595	6,311,392	65.31
3-4	0.0046	96,552	44	96,530	6,214,797	64.37
4-5	0.0039	96,508	38	96,489	6,118,267	63.40
5-6	0.0039	96,470	37	96,451	6,021,778	62.42
6-7	0.0040	96,433	39	96,413	5,925,327	61.45
7-8	0.0040	96,394	38	96,375	5,828,914	60.47
8-9	0.0041	96,356	40	96,336	5,732,539	59.49
9-10	0.0042	96,316	40	96,296	5,636,203	58.52
10-11	0.0043	96,276	42	96,255	5,539,907	57.54
11-12	0.0046	96,234	44	96,212	5,443,652	56.57
12-13	0.0050	96,190	48	96,166	5,347,440	55.59
13-14	0.0056	96,142	54	96,115	5,251,274	54.62
14-15	0.0064	96,088	62	96,057	5,155,159	53.65
15-16	0.0072	96,026	69	95,992	5,059,102	52.68
16-17	0.0080	95,957	76	95,919	4,963,110	51.72
17-18	0.0086	95,881	83	95,839	4,867,191	50.76
18-19	0.0090	95,798	86	95,755	4,771,352	49.81
19-20	0.0091	95,712	87	95,668	4,675,597	48.85
20-21	0.0092	95,625	88	95,581	4,579,929	47.89
21-22	0.0094	95,537	90	95,492	4,484,348	46.94
22-23	0.0098	95,447	94	95,400	4,388,856	45.98
23-24	0.0104	95,353	99	95,304	4,293,456	45.03
24-25	0.0110	95,254	104	95,202	4,198,152	44.07
25-26	0.0118	95,150	113	95,093	4,102,950	43.12
26-27	0.0127	95,037	120	94,977	4,007,857	42.17
27-28	0.0137	94,917	130	94,852	3,912,880	41.22
28-29	0.0148	94,787	141	94,716	3,818,028	40.28
29-30	0.0161	94,646	152	94,570	3,723,512	39.34
30-31	0.0175	94,494	166	94,411	3,628,742	38.40
31-32	0.0191	94,328	180	94,238	3,534,331	37.47
32-33	0.0208	94,148	196	94,050	3,440,093	36.54
33-34	0.0224	93,952	210	93,847	3,346,043	35.61
34-35	0.0238	93,742	223	93,630	3,252,196	34.69
35-36	0.0256	93,519	239	93,399	3,158,566	33.77
36-37	0.0281	93,280	263	93,148	3,065,167	32.86
37-38	0.0320	93,017	297	92,869	2,972,019	31.95
38-39	0.0377	92,720	350	92,545	2,879,150	31.05
39-40	0.0450	92,370	415	92,162	2,786,605	30.17
40-41	0.0530	91,955	488	91,711	2,694,443	29.30
41-42	0.0609	91,467	557	91,189	2,602,732	28.46
42-43	0.0678	90,910	616	90,602	2,511,543	27.63
43-44	0.0733	90,294	662	89,963	2,420,941	26.81
44-45	0.0779	89,632	698	89,283	2,330,978	26.01
45-46	0.0823	88,934	732	88,568	2,241,695	25.21
46-47	0.0874	88,202	771	87,816	2,153,127	24.41
47-48	0.0937	87,431	819	87,021	2,065,311	23.62
48-49	0.1009	86,612	874	86,175	1,978,290	22.84
49-50	0.1085	85,738	931	85,273	1,892,115	22.07
50-51	0.1172	84,807	993	84,311	1,806,842	21.31
51-52	0.1274	83,814	1,068	83,280	1,722,531	20.55
52-53	0.1400	82,746	1,159	82,167	1,639,251	19.81
53-54	0.1553	81,587	1,267	80,954	1,557,084	19.08
54-55	0.1730	80,320	1,389	79,625	1,476,130	18.38

TABLE 1. LIFE TABLE FOR WHITE MALES: DISTRICT OF COLUMBIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01923	78,931	1,518	78,172	1,396,505	17.69
56-57	.02125	77,413	1,645	76,590	1,318,533	17.03
57-58	.02328	75,768	1,764	74,866	1,241,743	16.39
58-59	.02532	74,004	1,874	73,067	1,166,857	15.77
59-60	.02742	72,130	1,978	71,141	1,093,790	15.16
60-61	.02959	70,152	2,075	69,114	1,022,649	14.58
61-62	.03181	68,077	2,166	66,994	953,535	14.01
62-63	.03411	65,911	2,248	64,787	886,541	13.45
63-64	.03630	63,663	2,311	62,507	821,754	12.91
64-65	.03837	61,352	2,354	60,175	759,247	12.38
65-66	.04060	58,998	2,396	57,800	699,072	11.85
66-67	.04325	56,602	2,448	55,378	641,272	11.33
67-68	.04657	54,154	2,522	52,893	585,894	10.82
68-69	.05080	51,632	2,622	50,321	533,001	10.32
69-70	.05577	49,010	2,734	47,643	482,680	9.85
70-71	.06112	46,276	2,828	44,862	435,037	9.40
71-72	.06652	43,448	2,890	42,003	390,175	8.98
72-73	.07160	40,558	2,904	39,106	348,172	8.58
73-74	.07610	37,654	2,866	36,221	309,066	8.21
74-75	.08025	34,788	2,791	33,392	272,845	7.84
75-76	.08446	31,997	2,703	30,645	239,453	7.48
76-77	.08914	29,294	2,611	27,988	208,808	7.13
77-78	.09470	26,683	2,527	25,419	180,820	6.78
78-79	.10120	24,156	2,445	22,934	155,401	6.43
79-80	.10835	21,711	2,352	20,535	132,467	6.10
80-81	.11609	19,359	2,247	18,235	111,932	5.78
81-82	.12435	17,112	2,128	16,048	93,697	5.48
82-83	.13304	14,984	1,994	13,987	77,649	5.18
83-84	.14176	12,990	1,841	12,070	63,662	4.90
84-85	.15056	11,149	1,679	10,310	51,592	4.63
85-86	.16004	9,470	1,515	8,712	41,282	4.36
86-87	.17084	7,955	1,359	7,275	32,570	4.09
87-88	.18357	6,596	1,211	5,990	25,295	3.83
88-89	.19900	5,385	1,072	4,849	19,305	3.58
89-90	.21673	4,313	935	3,846	14,456	3.35
90-91	.23559	3,378	795	2,981	10,610	3.14
91-92	.25440	2,583	657	2,254	7,629	2.95
92-93	.27200	1,926	524	1,664	5,375	2.79
93-94	.28823	1,402	404	1,200	3,711	2.65
94-95	.30386	998	303	846	2,511	2.52
95-96	.31915	695	222	584	1,665	2.40
96-97	.33430	473	158	394	1,081	2.28
97-98	.34957	315	110	260	687	2.18
98-99	.36479	205	75	167	427	2.08
99-100	.37981	130	49	105	260	1.99
100-101	.39487	81	32	65	155	1.91
101-102	.41018	49	20	39	90	1.82
102-103	.42600	29	12	23	51	1.74
103-104	.44245	17	8	13	28	1.67
104-105	.45938	9	4	7	15	1.59
105-106	.47659	5	2	4	8	1.53
106-107	.49386	3	2	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: DISTRICT OF COLUMBIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02355	100,000	2,355	97,965	7,271,127	72.71
1-2	0.00094	97,645	92	97,599	7,173,162	73.46
2-3	0.00076	97,553	74	97,516	7,075,563	72.53
3-4	0.00041	97,479	40	97,459	6,978,047	71.59
4-5	0.00032	97,439	31	97,424	6,880,588	70.61
5-6	0.00030	97,408	29	97,393	6,783,164	69.64
6-7	0.00027	97,379	27	97,366	6,685,771	68.66
7-8	0.00024	97,352	23	97,341	6,588,405	67.68
8-9	0.00020	97,329	19	97,319	6,491,064	66.69
9-10	0.00017	97,310	17	97,301	6,393,745	65.70
10-11	0.00015	97,293	15	97,286	6,296,444	64.72
11-12	0.00015	97,278	14	97,271	6,199,158	63.73
12-13	0.00016	97,264	16	97,256	6,101,887	62.74
13-14	0.00020	97,248	19	97,239	6,004,631	61.75
14-15	0.00028	97,229	27	97,215	5,907,392	60.76
15-16	0.00036	97,202	35	97,184	5,810,177	59.77
16-17	0.00044	97,167	43	97,145	5,712,993	58.80
17-18	0.00050	97,124	49	97,100	5,615,848	57.82
18-19	0.00054	97,075	52	97,049	5,518,748	56.85
19-20	0.00057	97,023	55	96,995	5,421,699	55.88
20-21	0.00059	96,968	58	96,939	5,324,704	54.91
21-22	0.00061	96,910	59	96,881	5,227,765	53.94
22-23	0.00064	96,851	62	96,820	5,130,884	52.98
23-24	0.00067	96,789	65	96,757	5,034,064	52.01
24-25	0.00069	96,724	66	96,691	4,937,307	51.05
25-26	0.00072	96,658	70	96,623	4,840,616	50.08
26-27	0.00076	96,588	73	96,551	4,743,993	49.12
27-28	0.00083	96,515	80	96,475	4,647,442	48.15
28-29	0.00093	96,435	90	96,390	4,550,967	47.19
29-30	0.00106	96,345	102	96,294	4,454,577	46.24
30-31	0.00120	96,243	116	96,185	4,358,283	45.28
31-32	0.00133	96,127	128	96,063	4,262,098	44.34
32-33	0.00145	95,999	139	95,930	4,166,035	43.40
33-34	0.00153	95,860	146	95,787	4,070,105	42.46
34-35	0.00158	95,714	152	95,638	3,974,318	41.52
35-36	0.00163	95,562	155	95,484	3,878,680	40.59
36-37	0.00171	95,407	164	95,325	3,783,196	39.65
37-38	0.00183	95,243	174	95,156	3,687,871	38.72
38-39	0.00201	95,069	191	94,974	3,592,715	37.79
39-40	0.00223	94,878	212	94,772	3,497,741	36.87
40-41	0.00247	94,666	233	94,550	3,402,969	35.95
41-42	0.00273	94,433	258	94,304	3,308,419	35.03
42-43	0.00298	94,175	281	94,035	3,214,115	34.13
43-44	0.00322	93,894	302	93,743	3,120,080	33.23
44-45	0.00346	93,592	324	93,430	3,026,337	32.34
45-46	0.00371	93,268	346	93,095	2,932,907	31.45
46-47	0.00399	92,922	371	92,737	2,839,812	30.56
47-48	0.00430	92,551	398	92,352	2,747,075	29.68
48-49	0.00464	92,153	427	91,939	2,654,723	28.81
49-50	0.00499	91,726	458	91,497	2,562,784	27.94
50-51	0.00537	91,268	490	91,023	2,471,287	27.08
51-52	0.00581	90,778	528	90,514	2,380,264	26.22
52-53	0.00633	90,250	571	89,965	2,289,750	25.37
53-54	0.00692	89,679	620	89,369	2,199,785	24.53
54-55	0.00756	89,059	674	88,722	2,110,416	23.70

TABLE 2. LIFE TABLE FOR WHITE FEMALES: DISTRICT OF COLUMBIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00126	3,385	730	88,020	2,021,694	22.87
56-57	.00905	87,655	793	87,259	1,933,674	22.06
57-58	.00993	86,862	863	86,431	1,846,415	21.26
58-59	.01088	85,999	935	85,532	1,759,984	20.47
59-60	.01190	85,064	1,013	84,558	1,674,452	19.68
60-61	.01302	84,051	1,094	83,504	1,589,894	18.92
61-62	.01425	82,957	1,182	82,366	1,506,390	18.16
62-63	.01562	81,775	1,277	81,136	1,424,024	17.41
63-64	.01708	80,498	1,375	79,810	1,342,898	16.68
64-65	.01861	79,123	1,473	78,387	1,263,078	15.96
65-66	.02030	77,650	1,576	76,862	1,184,691	15.26
66-67	.02222	76,074	1,690	75,229	1,107,829	14.56
67-68	.02446	74,384	1,820	73,474	1,032,600	13.88
68-69	.02700	72,564	1,959	71,585	959,126	13.22
69-70	.02978	70,605	2,103	69,554	887,541	12.57
70-71	.03284	68,502	2,249	67,378	817,987	11.94
71-72	.03620	66,253	2,399	65,054	750,609	11.33
72-73	.03988	63,854	2,546	62,581	685,555	10.74
73-74	.04360	61,308	2,673	59,971	622,974	10.16
74-75	.04733	58,635	2,775	57,247	563,003	9.60
75-76	.05151	55,860	2,878	54,421	505,756	9.05
76-77	.05660	52,982	2,998	51,483	451,335	8.52
77-78	.06301	49,984	3,150	48,409	399,852	8.00
78-79	.07116	46,834	3,333	45,168	351,443	7.50
79-80	.08076	43,501	3,513	41,745	306,275	7.04
80-81	.09120	39,988	3,647	38,165	264,530	6.62
81-82	.10187	36,341	3,702	34,490	226,365	6.23
82-83	.11216	32,639	3,661	30,809	191,875	5.88
83-84	.12206	28,978	3,537	27,210	161,066	5.56
84-85	.13197	25,441	3,357	23,763	133,856	5.26
85-86	.14191	22,084	3,134	20,517	110,093	4.99
86-87	.15191	18,950	2,879	17,511	89,576	4.73
87-88	.16199	16,071	2,603	14,770	72,065	4.48
88-89	.17138	13,468	2,308	12,314	57,295	4.25
89-90	.18007	11,160	2,010	10,155	44,981	4.03
90-91	.18921	9,150	1,731	8,285	34,826	3.81
91-92	.19994	7,419	1,483	6,677	26,541	3.58
92-93	.21340	5,936	1,267	5,302	19,864	3.35
93-94	.23021	4,669	1,075	4,131	14,562	3.12
94-95	.24959	3,594	897	3,146	10,431	2.90
95-96	.27065	2,697	730	2,332	7,285	2.70
96-97	.29245	1,967	575	1,679	4,953	2.52
97-98	.31410	1,392	437	1,173	3,274	2.35
98-99	.33619	955	321	794	2,101	2.20
99-100	.35934	634	228	520	1,307	2.06
100-101	.38264	406	155	328	787	1.94
101-102	.40516	251	102	200	459	1.83
102-103	.42600	149	63	117	259	1.74
103-104	.44472	86	38	67	142	1.66
104-105	.46194	48	22	37	75	1.59
105-106	.47829	26	13	19	38	1.52
106-107	.49443	13	6	10	19	1.46
107-108	.51100	7	4	5	9	1.40
108-109	.52810	3	1	2	4	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: DISTRICT OF COLUMBIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03363	100,000	3,363	97,197	5,873,337	58.73
1-2	0.0302	96,637	292	96,491	5,776,140	59.77
2-3	0.0191	96,345	184	96,253	5,679,649	58.95
3-4	0.0173	96,161	166	96,078	5,583,396	58.06
4-5	0.0104	95,995	100	95,945	5,487,318	57.16
5-6	0.00103	95,895	99	95,846	5,391,373	56.22
6-7	0.00102	95,796	98	95,747	5,295,527	55.28
7-8	0.00097	95,698	92	95,652	5,199,780	54.34
8-9	0.00091	95,606	87	95,562	5,104,128	53.39
9-10	0.00086	95,519	83	95,478	5,008,566	52.44
10-11	0.00083	95,436	79	95,397	4,913,088	51.48
11-12	0.00085	95,357	81	95,317	4,817,691	50.52
12-13	0.00092	95,276	87	95,232	4,722,374	49.57
13-14	0.00107	95,189	102	95,138	4,627,142	48.61
14-15	0.00128	95,087	122	95,026	4,532,004	47.66
15-16	0.00153	94,965	145	94,892	4,436,978	46.72
16-17	0.00179	94,820	170	94,735	4,342,086	45.79
17-18	0.00202	94,650	191	94,554	4,247,351	44.87
18-19	0.00223	94,459	211	94,353	4,152,797	43.96
19-20	0.00244	94,248	230	94,133	4,058,444	43.06
20-21	0.00265	94,018	249	93,894	3,964,311	42.17
21-22	0.00283	93,769	265	93,636	3,870,417	41.28
22-23	0.00299	93,504	280	93,364	3,776,781	40.39
23-24	0.00309	93,224	288	93,080	3,683,417	39.51
24-25	0.00314	92,936	292	92,790	3,590,337	38.63
25-26	0.00318	92,644	294	92,497	3,497,547	37.75
26-27	0.00326	92,350	301	92,199	3,405,050	36.87
27-28	0.00344	92,049	317	91,890	3,312,851	35.99
28-29	0.00372	91,732	341	91,561	3,220,961	35.11
29-30	0.00407	91,391	372	91,205	3,129,400	34.24
30-31	0.00448	91,019	408	90,815	3,038,195	33.38
31-32	0.00491	90,611	445	90,388	2,947,380	32.53
32-33	0.00536	90,166	483	89,924	2,856,992	31.69
33-34	0.00582	89,683	522	89,422	2,767,068	30.85
34-35	0.00631	89,161	563	88,879	2,677,646	30.03
35-36	0.00682	88,598	604	88,296	2,588,767	29.22
36-37	0.00736	87,994	648	87,670	2,500,471	28.42
37-38	0.00792	87,346	691	87,000	2,412,801	27.62
38-39	0.00848	86,655	735	86,287	2,325,801	26.84
39-40	0.00904	85,920	777	85,531	2,239,514	26.07
40-41	0.00963	85,143	820	84,733	2,153,983	25.30
41-42	0.01029	84,323	868	83,889	2,069,250	24.54
42-43	0.01106	83,455	923	82,994	1,985,361	23.79
43-44	0.01192	82,532	983	82,040	1,902,367	23.05
44-45	0.01286	81,549	1,049	81,024	1,820,327	22.32
45-46	0.01388	80,500	1,117	79,941	1,739,303	21.61
46-47	0.01500	79,383	1,191	78,787	1,659,362	20.90
47-48	0.01624	78,192	1,270	77,557	1,580,575	20.21
48-49	0.01758	76,922	1,352	76,246	1,503,018	19.54
49-50	0.01902	75,570	1,438	74,851	1,426,772	18.88
50-51	0.02057	74,132	1,525	73,370	1,351,921	18.24
51-52	0.02225	72,607	1,615	71,800	1,278,551	17.61
52-53	0.02409	70,992	1,710	70,137	1,206,751	17.00
53-54	0.02611	69,282	1,809	68,377	1,136,614	16.41
54-55	0.02831	67,473	1,910	66,518	1,068,237	15.83

TABLE 3. LIFE TABLE FOR NONWHITE MALES: DISTRICT OF COLUMBIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.03063	65,563	2,009	64,559	1,001,719	15.28
56-57	.03303	63,554	2,099	62,505	937,160	14.75
57-58	.03546	61,455	2,179	60,366	874,655	14.23
58-59	.03793	59,276	2,248	58,152	814,289	13.74
59-60	.04047	57,028	2,308	55,874	756,137	13.26
60-61	.04308	54,720	2,358	53,541	700,263	12.80
61-62	.04574	52,362	2,395	51,165	646,722	12.35
62-63	.04845	49,967	2,421	48,757	595,557	11.92
63-64	.05116	47,546	2,432	46,350	546,800	11.50
64-65	.05388	45,114	2,431	43,899	500,470	11.09
65-66	.05668	42,683	2,419	41,474	456,571	10.70
66-67	.05963	40,264	2,401	39,063	415,097	10.31
67-68	.06280	37,863	2,378	36,674	376,034	9.93
68-69	.06609	35,485	2,345	34,313	339,360	9.56
69-70	.06945	33,140	2,302	31,989	305,047	9.20
70-71	.07304	30,838	2,252	29,712	273,058	8.85
71-72	.07701	28,586	2,201	27,485	243,346	8.51
72-73	.08152	26,385	2,151	25,309	215,861	8.18
73-74	.08713	24,234	2,112	23,178	190,552	7.86
74-75	.09375	22,122	2,074	21,085	167,574	7.57
75-76	.10051	20,048	2,015	19,041	146,289	7.30
76-77	.10658	18,033	1,922	17,072	127,248	7.06
77-78	.11111	16,111	1,790	15,216	110,176	6.84
78-79	.11214	14,321	1,606	13,518	94,960	6.63
79-80	.11317	12,715	1,439	11,996	81,442	6.41
80-81	.11420	11,276	1,288	10,632	69,446	6.16
81-82	.11523	9,988	1,151	9,413	58,814	5.89
82-83	.11628	8,837	1,027	8,324	49,401	5.59
83-84	.12416	7,810	970	7,325	41,077	5.26
84-85	.13468	6,840	921	6,380	33,752	4.93
85-86	.14702	5,919	870	5,484	27,572	4.63
86-87	.16037	5,049	810	4,644	21,888	4.34
87-88	.17391	4,239	737	3,870	17,244	4.07
88-89	.18775	3,502	658	3,173	13,374	3.82
89-90	.20245	2,844	575	2,556	10,201	3.59
90-91	.21782	2,269	495	2,021	7,645	3.37
91-92	.23367	1,774	414	1,567	5,624	3.17
92-93	.24983	1,360	340	1,190	4,057	2.99
93-94	.26641	1,020	272	884	2,867	2.81
94-95	.28355	748	212	642	1,983	2.65
95-96	.30104	536	161	455	1,341	2.51
96-97	.31872	375	120	315	886	2.37
97-98	.33640	255	86	212	571	2.24
98-99	.35420	169	60	139	359	2.13
99-100	.37224	109	40	89	220	2.02
100-101	.39035	69	27	55	131	1.92
101-102	.40833	42	17	33	76	1.83
102-103	.42600	25	11	19	43	1.74
103-104	.44329	14	6	11	24	1.66
104-105	.46033	8	4	6	13	1.59
105-106	.47722	4	2	3	7	1.52
106-107	.49407	2	1	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: DISTRICT OF COLUMBIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to X + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02978	100,000	2,978	97,544	6,346,260	63.46
1-2	.00213	97,022	207	96,919	6,248,716	64.41
2-3	.00135	96,815	130	96,750	6,151,797	63.54
3-4	.00109	96,685	106	96,632	6,055,047	62.63
4-5	.00087	96,579	84	96,537	5,958,415	61.69
5-6	.00083	96,495	80	96,455	5,861,878	60.75
6-7	.00074	96,415	71	96,379	5,765,423	59.80
7-8	.00062	96,344	60	96,314	5,669,044	58.84
8-9	.00049	96,284	47	96,260	5,572,730	57.88
9-10	.00038	96,237	37	96,219	5,476,470	56.91
10-11	.00031	96,200	30	96,185	5,380,251	55.93
11-12	.00029	96,170	27	96,157	5,284,066	54.95
12-13	.00036	96,143	35	96,125	5,187,909	53.96
13-14	.00056	96,108	54	96,081	5,091,784	52.98
14-15	.00088	96,054	84	96,012	4,995,703	52.01
15-16	.00123	95,970	118	95,911	4,899,691	51.05
16-17	.00156	95,852	150	95,777	4,803,780	50.12
17-18	.00178	95,702	170	95,617	4,708,003	49.19
18-19	.00185	95,532	177	95,443	4,612,386	48.28
19-20	.00183	95,355	175	95,268	4,516,943	47.37
20-21	.00178	95,180	169	95,096	4,421,675	46.46
21-22	.00174	95,011	165	94,928	4,326,579	45.54
22-23	.00178	94,846	169	94,761	4,231,651	44.62
23-24	.00191	94,677	181	94,587	4,136,890	43.69
24-25	.00210	94,496	198	94,397	4,042,303	42.78
25-26	.00232	94,298	219	94,188	3,947,906	41.87
26-27	.00255	94,079	240	93,959	3,853,718	40.96
27-28	.00279	93,839	262	93,708	3,759,759	40.07
28-29	.00302	93,577	282	93,436	3,666,051	39.18
29-30	.00325	93,295	304	93,143	3,572,615	38.29
30-31	.00350	92,991	325	92,829	3,479,472	37.42
31-32	.00377	92,666	349	92,491	3,386,643	36.55
32-33	.00407	92,317	376	92,129	3,294,152	35.68
33-34	.00440	91,941	405	91,739	3,202,023	34.83
34-35	.00476	91,536	435	91,318	3,110,284	33.98
35-36	.00514	91,101	469	90,866	3,018,966	33.14
36-37	.00554	90,632	502	90,381	2,928,100	32.31
37-38	.00594	90,130	535	89,863	2,837,719	31.48
38-39	.00633	89,595	567	89,311	2,747,856	30.67
39-40	.00671	89,028	598	88,729	2,658,545	29.86
40-41	.00711	88,430	628	88,116	2,569,816	29.06
41-42	.00756	87,802	664	87,470	2,481,700	28.26
42-43	.00808	87,138	704	86,786	2,394,230	27.48
43-44	.00868	86,434	751	86,059	2,307,444	26.70
44-45	.00935	85,683	801	85,283	2,221,385	25.93
45-46	.01007	84,882	854	84,455	2,136,102	25.17
46-47	.01083	84,028	910	83,573	2,051,647	24.42
47-48	.01164	83,118	968	82,634	1,968,074	23.68
48-49	.01245	82,150	1,023	81,639	1,885,440	22.95
49-50	.01326	81,127	1,075	80,589	1,803,801	22.23
50-51	.01414	80,052	1,132	79,486	1,723,212	21.53
51-52	.01515	78,920	1,196	78,322	1,643,726	20.83
52-53	.01633	77,724	1,269	77,089	1,565,404	20.14
53-54	.01772	76,455	1,355	75,777	1,488,315	19.47
54-55	.01926	75,100	1,446	74,377	1,412,538	18.81

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: DISTRICT OF COLUMBIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.02094	75,654	1,543	72,882	1,558,161	18.17
56-57	.02273	72,111	1,639	71,292	1,465,279	17.55
57-58	.02459	70,472	1,753	69,606	1,193,987	16.94
58-59	.02654	68,739	1,824	67,827	1,124,581	16.36
59-60	.02858	66,915	1,913	65,959	1,056,554	15.79
60-61	.03073	65,002	1,997	64,004	990,595	15.24
61-62	.03295	63,005	2,076	61,967	926,591	14.71
62-63	.03524	60,929	2,147	59,855	864,624	14.19
63-64	.03762	58,782	2,212	57,676	804,769	13.69
64-65	.04009	56,570	2,267	55,436	747,093	13.21
65-66	.04264	54,303	2,316	53,145	691,657	12.74
66-67	.04522	51,987	2,351	50,812	638,512	12.28
67-68	.04783	49,636	2,374	48,449	587,700	11.84
68-69	.05037	47,262	2,380	46,072	539,251	11.41
69-70	.05286	44,882	2,373	43,695	493,179	10.99
70-71	.05543	42,509	2,356	41,351	449,484	10.57
71-72	.05820	40,153	2,337	38,984	408,153	10.16
72-73	.06131	37,816	2,319	36,657	369,169	9.76
73-74	.06458	35,497	2,292	34,351	332,512	9.37
74-75	.06793	33,205	2,256	32,077	298,161	8.98
75-76	.07162	30,949	2,216	29,841	266,084	8.60
76-77	.07590	28,733	2,181	27,642	236,243	8.22
77-78	.08102	26,552	2,151	25,476	208,601	7.86
78-79	.08777	24,401	2,142	23,330	183,125	7.50
79-80	.09596	22,259	2,136	21,191	159,195	7.18
80-81	.10444	20,123	2,102	19,072	138,604	6.89
81-82	.11206	18,021	2,019	17,012	119,532	6.63
82-83	.11765	16,002	1,883	15,061	102,520	6.41
83-84	.11870	14,119	1,676	13,281	87,459	6.19
84-85	.11975	12,443	1,490	11,698	74,178	5.96
85-86	.12080	10,953	1,323	10,292	62,480	5.70
86-87	.12185	9,630	1,173	9,043	52,188	5.42
87-88	.12291	8,457	1,040	7,937	43,145	5.10
88-89	.13293	7,417	986	6,924	35,208	4.75
89-90	.14629	6,431	941	5,961	28,284	4.40
90-91	.16219	5,490	890	5,045	22,523	4.07
91-92	.17984	4,600	827	4,186	17,278	3.76
92-93	.19841	3,773	749	3,398	13,092	3.47
93-94	.21845	3,024	660	2,694	9,694	3.21
94-95	.24050	2,364	569	2,079	7,000	2.96
95-96	.26375	1,795	473	1,558	4,921	2.74
96-97	.28740	1,322	380	1,132	3,363	2.54
97-98	.31063	942	293	796	2,231	2.37
98-99	.33399	649	217	541	1,435	2.21
99-100	.35801	432	154	355	894	2.07
100-101	.38189	278	106	225	539	1.94
101-102	.40482	172	70	137	314	1.83
102-103	.42600	102	43	80	177	1.74
103-104	.44494	59	26	46	97	1.66
104-105	.46219	33	16	25	51	1.59
105-106	.47846	17	8	13	26	1.52
106-107	.49449	9	4	7	13	1.46
107-108	.51100	5	3	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00094. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, .94 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,737 will complete the first year of life and enter the second; 96,637 will begin the third year; 95,537 will reach age 21; and 31,997 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,263 die in the first year of life, 100 in the second year, 90 in the twenty-second year, and 2,703 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,492. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,492 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,484,348 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,505,209.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,492 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,537 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,484,348) is the total number of years lived after attaining age 21 by the 95,537 reaching that age. This number of years divided by the number of persons (4,484,348 divided by 95,537) gives 46.94 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Florida

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Florida Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.58 years for white males, 73.73 years for white females, 57.29 years for nonwhite males, and 62.22 years for nonwhite females. This State ranks 19th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: FLORIDA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03076	100,000	3,076	97,295	6,657,834	66.58
1-2	.00214	96,924	207	96,820	6,560,539	67.69
2-3	.00149	96,717	145	96,645	6,463,719	66.83
3-4	.00127	96,572	122	96,511	6,367,074	65.93
4-5	.00115	96,450	111	96,394	6,270,563	65.01
5-6	.00099	96,339	95	96,291	6,174,169	64.09
6-7	.00085	96,244	82	96,203	6,077,878	63.15
7-8	.00073	96,162	70	96,127	5,981,675	62.20
8-9	.00064	96,092	62	96,061	5,885,548	61.25
9-10	.00058	96,030	56	96,002	5,789,487	60.29
10-11	.00055	95,974	52	95,948	5,693,485	59.32
11-12	.00056	95,922	54	95,895	5,597,537	58.36
12-13	.00061	95,868	59	95,839	5,501,642	57.39
13-14	.00072	95,809	69	95,775	5,405,803	56.42
14-15	.00089	95,740	85	95,698	5,310,028	55.46
15-16	.00108	95,655	103	95,604	5,214,330	54.51
16-17	.00127	95,552	121	95,491	5,118,726	53.57
17-18	.00142	95,431	136	95,363	5,023,235	52.64
18-19	.00153	95,295	146	95,222	4,927,872	51.71
19-20	.00163	95,149	155	95,072	4,832,650	50.79
20-21	.00171	94,994	162	94,913	4,737,578	49.87
21-22	.00178	94,832	169	94,747	4,642,665	48.96
22-23	.00183	94,663	173	94,576	4,547,918	48.04
23-24	.00186	94,490	176	94,402	4,453,342	47.13
24-25	.00187	94,314	176	94,226	4,358,940	46.22
25-26	.00188	94,138	177	94,049	4,264,714	45.30
26-27	.00189	93,961	178	93,872	4,170,665	44.39
27-28	.00191	93,783	179	93,693	4,076,793	43.47
28-29	.00195	93,604	183	93,513	3,983,100	42.55
29-30	.00200	93,421	187	93,328	3,889,587	41.64
30-31	.00206	93,234	192	93,138	3,796,259	40.72
31-32	.00214	93,042	199	92,943	3,703,121	39.80
32-33	.00225	92,843	209	92,739	3,610,178	38.88
33-34	.00239	92,634	221	92,524	3,517,439	37.97
34-35	.00254	92,413	235	92,296	3,424,915	37.06
35-36	.00272	92,178	250	92,053	3,332,619	36.15
36-37	.00294	91,928	271	91,792	3,240,566	35.25
37-38	.00320	91,657	293	91,511	3,148,774	34.35
38-39	.00350	91,364	320	91,204	3,057,263	33.46
39-40	.00384	91,044	349	90,869	2,966,059	32.58
40-41	.00422	90,695	383	90,503	2,875,190	31.70
41-42	.00464	90,312	419	90,102	2,784,687	30.83
42-43	.00509	89,893	458	89,664	2,694,585	29.98
43-44	.00555	89,435	496	89,187	2,604,921	29.13
44-45	.00603	88,939	536	88,671	2,515,734	28.29
45-46	.00656	88,403	580	88,113	2,427,063	27.45
46-47	.00717	87,823	630	87,508	2,338,950	26.63
47-48	.00791	87,193	690	86,848	2,251,442	25.82
48-49	.00880	86,503	761	86,123	2,164,594	25.02
49-50	.00980	85,742	840	85,322	2,078,471	24.24
50-51	.01090	84,902	926	84,439	1,993,149	23.48
51-52	.01206	83,976	1,012	83,470	1,908,710	22.73
52-53	.01324	82,964	1,099	82,414	1,825,240	22.00
53-54	.01445	81,865	1,183	81,274	1,742,826	21.29
54-55	.01572	80,682	1,268	80,048	1,661,552	20.59

TABLE 1. LIFE TABLE FOR WHITE MALES: FLORIDA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01703	79,414	1,353	78,738	1,581,504	19.91
56-57	.01838	78,061	1,434	77,344	1,502,766	19.25
57-58	.01977	76,627	1,515	75,869	1,425,422	18.60
58-59	.02118	75,112	1,591	74,316	1,349,553	17.97
59-60	.02263	73,521	1,664	72,689	1,275,237	17.35
60-61	.02412	71,857	1,733	70,991	1,202,548	16.74
61-62	.02565	70,124	1,799	69,225	1,131,557	16.14
62-63	.02725	68,325	1,862	67,394	1,062,332	15.55
63-64	.02881	66,463	1,914	65,506	994,938	14.97
64-65	.03033	64,549	1,958	63,570	929,432	14.40
65-66	.03195	62,591	2,000	61,591	865,862	13.83
66-67	.03381	60,591	2,049	59,567	804,271	13.27
67-68	.03605	58,542	2,110	57,487	744,704	12.72
68-69	.03872	56,432	2,185	55,339	687,217	12.18
69-70	.04173	54,247	2,264	53,115	631,878	11.65
70-71	.04499	51,983	2,338	50,814	578,763	11.13
71-72	.04845	49,645	2,406	48,442	527,949	10.63
72-73	.05203	47,239	2,458	46,010	479,507	10.15
73-74	.05555	44,781	2,487	43,538	433,497	9.68
74-75	.05906	42,294	2,498	41,045	389,959	9.22
75-76	.06283	39,796	2,500	38,546	348,914	8.77
76-77	.06711	37,296	2,503	36,044	310,368	8.32
77-78	.07217	34,793	2,511	33,537	274,324	7.88
78-79	.07794	32,282	2,516	31,024	240,787	7.46
79-80	.08424	29,766	2,508	28,512	209,763	7.05
80-81	.09118	27,258	2,485	26,015	181,251	6.65
81-82	.09887	24,773	2,450	23,548	155,236	6.27
82-83	.10742	22,323	2,398	21,124	131,688	5.90
83-84	.11696	19,925	2,330	18,760	110,564	5.55
84-85	.12742	17,595	2,242	16,474	91,804	5.22
85-86	.13860	15,353	2,128	14,289	75,530	4.91
86-87	.15031	13,225	1,988	12,231	61,041	4.62
87-88	.16237	11,237	1,824	10,325	48,810	4.34
88-89	.17449	9,413	1,643	8,591	38,485	4.09
89-90	.18681	7,770	1,451	7,044	29,894	3.85
90-91	.19974	6,319	1,262	5,688	22,850	3.62
91-92	.21368	5,057	1,081	4,516	17,162	3.39
92-93	.22904	3,976	911	3,521	12,646	3.18
93-94	.24619	3,065	754	2,688	9,125	2.98
94-95	.26484	2,311	612	2,005	6,437	2.79
95-96	.28447	1,699	483	1,457	4,432	2.61
96-97	.30452	1,216	371	1,030	2,975	2.45
97-98	.32446	845	274	708	1,945	2.30
98-99	.34464	571	197	473	1,237	2.17
99-100	.36543	374	137	306	764	2.04
100-101	.38628	237	91	192	458	1.93
101-102	.40665	146	60	116	266	1.83
102-103	.42600	86	36	68	150	1.74
103-104	.44406	50	22	39	82	1.66
104-105	.46119	28	13	21	43	1.59
105-106	.47779	15	7	11	22	1.52
106-107	.49426	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: FLORIDA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02361	100,000	2,361	97,960	7,373,138	73.73
1-2	0.00198	97,639	193	97,542	7,275,178	74.51
2-3	0.00110	97,446	108	97,392	7,177,636	73.66
3-4	0.00098	97,338	95	97,291	7,080,244	72.74
4-5	0.00089	97,243	86	97,200	6,982,953	71.81
5-6	0.00067	97,157	66	97,124	6,885,753	70.87
6-7	0.00051	97,091	49	97,067	6,788,629	69.92
7-8	0.00040	97,042	39	97,023	6,691,562	68.96
8-9	0.00034	97,003	33	96,987	6,594,539	67.98
9-10	0.00031	96,970	30	96,953	6,497,552	67.01
10-11	0.00031	96,940	30	96,925	6,400,597	66.03
11-12	0.00033	96,910	32	96,894	6,303,672	65.05
12-13	0.00035	96,878	34	96,861	6,206,778	64.07
13-14	0.00038	96,844	37	96,826	6,109,917	63.09
14-15	0.00043	96,807	41	96,787	6,013,091	62.11
15-16	0.00049	96,766	48	96,742	5,916,304	61.14
16-17	0.00055	96,718	53	96,692	5,819,562	60.17
17-18	0.00060	96,665	58	96,636	5,722,870	59.20
18-19	0.00065	96,607	63	96,576	5,626,234	58.24
19-20	0.00069	96,544	66	96,511	5,529,658	57.28
20-21	0.00074	96,478	72	96,442	5,433,147	56.31
21-22	0.00078	96,406	75	96,369	5,336,705	55.36
22-23	0.00081	96,331	78	96,292	5,240,336	54.40
23-24	0.00083	96,253	80	96,213	5,144,044	53.44
24-25	0.00084	96,173	81	96,133	5,047,831	52.49
25-26	0.00086	96,092	82	96,051	4,951,698	51.53
26-27	0.00088	96,010	85	95,968	4,855,647	50.57
27-28	0.00092	95,925	88	95,881	4,759,679	49.62
28-29	0.00099	95,837	95	95,790	4,663,798	48.66
29-30	0.00107	95,742	102	95,691	4,568,008	47.71
30-31	0.00116	95,640	111	95,584	4,472,317	46.76
31-32	0.00126	95,529	121	95,469	4,376,733	45.82
32-33	0.00137	95,408	130	95,343	4,281,264	44.87
33-34	0.00148	95,278	141	95,207	4,185,921	43.93
34-35	0.00159	95,137	152	95,061	4,090,714	43.00
35-36	0.00171	94,985	162	94,904	3,995,653	42.07
36-37	0.00184	94,823	175	94,736	3,900,749	41.14
37-38	0.00198	94,648	187	94,555	3,806,013	40.21
38-39	0.00213	94,461	201	94,360	3,711,458	39.29
39-40	0.00229	94,260	216	94,152	3,617,098	38.37
40-41	0.00246	94,044	231	93,928	3,522,946	37.46
41-42	0.00265	93,813	249	93,688	3,429,018	36.55
42-43	0.00286	93,564	268	93,430	3,335,330	35.65
43-44	0.00310	93,296	289	93,152	3,241,900	34.75
44-45	0.00336	93,007	312	92,851	3,148,748	33.85
45-46	0.00364	92,695	338	92,526	3,055,897	32.97
46-47	0.00394	92,357	364	92,175	2,963,371	32.09
47-48	0.00424	91,993	390	91,798	2,871,196	31.21
48-49	0.00454	91,603	415	91,395	2,779,398	30.34
49-50	0.00485	91,188	443	90,966	2,688,003	29.48
50-51	0.00517	90,745	469	90,511	2,597,037	28.62
51-52	0.00552	90,276	498	90,027	2,506,526	27.77
52-53	0.00590	89,778	530	89,513	2,416,499	26.92
53-54	0.00631	89,248	563	88,967	2,326,986	26.07
54-55	0.00673	88,685	597	88,387	2,238,019	25.24

TABLE 2. LIFE TABLE FOR WHITE FEMALES: FLORIDA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00719	88,088	633	87,771	2,149,632	24.40
56-57	.00769	87,455	673	87,118	2,061,861	23.58
57-58	.00827	86,782	717	86,423	1,974,743	22.76
58-59	.00887	86,065	764	85,683	1,888,320	21.94
59-60	.00949	85,301	809	84,896	1,802,637	21.13
60-61	.01019	84,492	861	84,061	1,717,741	20.33
61-62	.01102	83,631	922	83,170	1,633,680	19.53
62-63	.01206	82,709	997	82,210	1,550,510	18.75
63-64	.01328	81,712	1,086	81,169	1,468,300	17.97
64-65	.01464	80,626	1,180	80,036	1,387,131	17.20
65-66	.01618	79,446	1,285	78,803	1,307,095	16.45
66-67	.01790	78,161	1,399	77,461	1,228,292	15.71
67-68	.01985	76,762	1,524	76,000	1,150,831	14.99
68-69	.02192	75,238	1,649	74,413	1,074,831	14.29
69-70	.02411	73,589	1,775	72,702	1,000,418	13.59
70-71	.02654	71,814	1,906	70,861	927,716	12.92
71-72	.02936	69,908	2,052	68,882	856,855	12.26
72-73	.03271	67,856	2,220	66,746	787,973	11.61
73-74	.03656	65,636	2,399	64,437	721,227	10.99
74-75	.04081	63,237	2,581	61,946	656,790	10.39
75-76	.04551	60,656	2,760	59,276	594,844	9.81
76-77	.05071	57,896	2,936	56,428	535,568	9.25
77-78	.05645	54,960	3,103	53,408	479,140	8.72
78-79	.06262	51,857	3,247	50,234	425,732	8.21
79-80	.06920	48,610	3,364	46,928	375,498	7.72
80-81	.07634	45,246	3,454	43,519	328,570	7.26
81-82	.08420	41,792	3,519	40,033	285,051	6.82
82-83	.09296	38,273	3,558	36,494	245,018	6.40
83-84	.10293	34,715	3,573	32,929	208,524	6.01
84-85	.11401	31,142	3,550	29,367	175,595	5.64
85-86	.12571	27,592	3,469	25,857	146,228	5.30
86-87	.13755	24,123	3,318	22,464	120,371	4.99
87-88	.14902	20,805	3,100	19,255	97,907	4.71
88-89	.15932	17,705	2,821	16,294	78,652	4.44
89-90	.16876	14,884	2,512	13,628	62,358	4.19
90-91	.17858	12,372	2,209	11,267	48,730	3.94
91-92	.19002	10,163	1,931	9,197	37,463	3.69
92-93	.20430	8,232	1,682	7,391	28,266	3.43
93-94	.22208	6,550	1,455	5,823	20,875	3.19
94-95	.24254	5,095	1,236	4,477	15,052	2.95
95-96	.26469	3,859	1,021	3,349	10,575	2.74
96-97	.28757	2,838	816	2,430	7,226	2.55
97-98	.31019	2,022	627	1,708	4,796	2.37
98-99	.33321	1,395	465	1,162	3,088	2.21
99-100	.35728	930	332	764	1,926	2.07
100-101	.38142	598	228	484	1,162	1.94
101-102	.40465	370	150	295	678	1.83
102-103	.42600	220	94	173	383	1.74
103-104	.44497	126	56	98	210	1.66
104-105	.46222	70	32	54	112	1.59
105-106	.47848	38	18	29	58	1.52
106-107	.49449	20	10	15	29	1.46
107-108	.51100	10	5	7	14	1.40
108-109	.52810	5	3	4	7	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: FLORIDA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.05302	100,000	5,302	95,581	5,729,027	57.29
1-2	0.00481	94,698	455	94,470	5,633,446	59.49
2-3	0.00304	94,243	287	94,099	5,538,976	58.77
3-4	0.00171	93,956	161	93,876	5,444,877	57.95
4-5	0.00118	93,795	110	93,740	5,351,001	57.05
5-6	0.00111	93,685	104	93,633	5,257,261	56.12
6-7	0.00104	93,581	98	93,532	5,163,628	55.18
7-8	0.00099	93,483	92	93,437	5,070,096	54.24
8-9	0.00095	93,391	89	93,346	4,976,659	53.29
9-10	0.00094	93,302	88	93,258	4,883,313	52.34
10-11	0.00096	93,214	89	93,170	4,790,055	51.39
11-12	0.00102	93,125	95	93,077	4,696,885	50.44
12-13	0.00112	93,030	104	92,978	4,603,808	49.49
13-14	0.00127	92,926	118	92,867	4,510,830	48.54
14-15	0.00148	92,808	138	92,739	4,417,963	47.60
15-16	0.00171	92,670	158	92,591	4,325,224	46.67
16-17	0.00198	92,512	183	92,420	4,232,633	45.75
17-18	0.00226	92,329	209	92,224	4,140,213	44.84
18-19	0.00258	92,120	238	92,001	4,047,989	43.94
19-20	0.00296	91,882	272	91,746	3,955,988	43.06
20-21	0.00334	91,610	306	91,457	3,864,242	42.18
21-22	0.00370	91,304	337	91,136	3,772,785	41.32
22-23	0.00398	90,967	362	90,786	3,681,649	40.47
23-24	0.00416	90,605	377	90,416	3,590,863	39.63
24-25	0.00426	90,228	385	90,035	3,500,447	38.80
25-26	0.00433	89,843	389	89,649	3,410,412	37.96
26-27	0.00442	89,454	395	89,257	3,320,763	37.12
27-28	0.00458	89,059	408	88,855	3,231,506	36.29
28-29	0.00481	88,651	426	88,438	3,142,651	35.45
29-30	0.00507	88,225	448	88,001	3,054,213	34.62
30-31	0.00537	87,777	471	87,542	2,966,212	33.79
31-32	0.00570	87,306	498	87,057	2,878,670	32.97
32-33	0.00608	86,808	528	86,544	2,791,613	32.16
33-34	0.00649	86,280	560	86,000	2,705,069	31.35
34-35	0.00695	85,720	595	85,423	2,619,069	30.55
35-36	0.00744	85,125	634	84,808	2,533,646	29.76
36-37	0.00797	84,491	673	84,155	2,448,838	28.98
37-38	0.00854	83,818	716	83,460	2,364,683	28.21
38-39	0.00912	83,102	758	82,723	2,281,223	27.45
39-40	0.00972	82,344	800	81,944	2,198,500	26.70
40-41	0.01037	81,544	846	81,121	2,116,556	25.96
41-42	0.01111	80,698	896	80,250	2,035,435	25.22
42-43	0.01198	79,802	956	79,324	1,955,185	24.50
43-44	0.01298	78,846	1,024	78,334	1,875,861	23.79
44-45	0.01407	77,822	1,095	77,275	1,797,527	23.10
45-46	0.01527	76,727	1,171	76,142	1,720,252	22.42
46-47	0.01659	75,556	1,254	74,929	1,644,110	21.76
47-48	0.01805	74,302	1,341	73,632	1,569,181	21.12
48-49	0.01965	72,961	1,434	72,244	1,495,549	20.50
49-50	0.02138	71,527	1,529	70,763	1,423,305	19.90
50-51	0.02323	69,998	1,626	69,185	1,352,542	19.32
51-52	0.02519	68,372	1,722	67,511	1,283,357	18.77
52-53	0.02723	66,650	1,815	65,742	1,215,846	18.24
53-54	0.02946	64,835	1,910	63,880	1,150,104	17.74
54-55	0.03189	62,925	2,007	61,922	1,086,224	17.26

TABLE 3. LIFE TABLE FOR NONWHITE MALES: FLORIDA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.03437	60,918	2,094	59,871	1,024,302	16.81
56-57	.03675	58,824	2,161	57,744	964,431	16.40
57-58	.03887	56,663	2,203	55,561	906,687	16.00
58-59	.04073	54,460	2,218	53,351	851,126	15.63
59-60	.04242	52,242	2,216	51,134	797,775	15.27
60-61	.04396	50,026	2,199	48,926	746,641	14.93
61-62	.04538	47,827	2,171	46,742	697,715	14.59
62-63	.04668	45,656	2,131	44,591	650,973	14.26
63-64	.04782	43,525	2,081	42,484	606,382	13.93
64-65	.04879	41,444	2,022	40,433	563,898	13.61
65-66	.04966	39,422	1,958	38,443	523,465	13.28
66-67	.05050	37,464	1,892	36,518	485,022	12.95
67-68	.05139	35,572	1,828	34,658	448,504	12.61
68-69	.05222	33,744	1,762	32,863	413,846	12.26
69-70	.05294	31,982	1,693	31,135	380,983	11.91
70-71	.05370	30,289	1,627	29,476	349,848	11.55
71-72	.05469	28,662	1,567	27,879	320,372	11.18
72-73	.05604	27,095	1,519	26,336	292,493	10.80
73-74	.05771	25,576	1,476	24,838	266,157	10.41
74-75	.05959	24,100	1,436	23,382	241,319	10.01
75-76	.06176	22,664	1,400	21,964	217,937	9.62
76-77	.06431	21,264	1,367	20,581	195,973	9.22
77-78	.06733	19,897	1,340	19,227	175,392	8.81
78-79	.07074	18,557	1,312	17,901	156,165	8.42
79-80	.07447	17,245	1,285	16,602	138,264	8.02
80-81	.07866	15,960	1,255	15,333	121,662	7.62
81-82	.08339	14,705	1,226	14,092	106,329	7.23
82-83	.08879	13,479	1,197	12,880	92,237	6.84
83-84	.09432	12,282	1,159	11,703	79,357	6.46
84-85	.09991	11,123	1,111	10,568	67,654	6.08
85-86	.10636	10,012	1,065	9,480	57,086	5.70
86-87	.11445	8,947	1,024	8,435	47,606	5.32
87-88	.12500	7,923	990	7,428	39,171	4.94
88-89	.13838	6,933	960	6,453	31,743	4.58
89-90	.15405	5,973	920	5,513	25,290	4.23
90-91	.17146	5,053	866	4,620	19,777	3.91
91-92	.19002	4,187	796	3,789	15,157	3.62
92-93	.20916	3,391	709	3,037	11,368	3.35
93-94	.22927	2,682	615	2,374	8,331	3.11
94-95	.25072	2,067	518	1,808	5,957	2.88
95-96	.27295	1,549	423	1,337	4,149	2.68
96-97	.29538	1,126	333	960	2,812	2.50
97-98	.31744	793	251	668	1,852	2.33
98-99	.33951	542	184	450	1,184	2.19
99-100	.36197	358	130	293	734	2.05
100-101	.38426	228	87	184	441	1.94
101-102	.40579	141	57	112	257	1.83
102-103	.42600	84	36	66	145	1.74
103-104	.44451	48	21	37	79	1.66
104-105	.46170	27	13	20	42	1.59
105-106	.47813	14	7	11	22	1.52
106-107	.49438	7	3	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: FLORIDA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04352	100,000	4,352	96,410	6,221,789	62.22
1-2	0.0353	95,648	338	95,479	6,125,379	64.04
2-3	0.0207	95,310	197	95,212	6,029,900	63.27
3-4	0.0167	95,113	159	95,034	5,934,688	62.40
4-5	0.0112	94,954	106	94,901	5,839,654	61.50
5-6	0.0104	94,848	99	94,799	5,744,753	60.57
6-7	0.0093	94,749	88	94,705	5,649,954	59.63
7-8	0.0081	94,661	77	94,623	5,555,249	58.69
8-9	0.0069	94,584	65	94,552	5,460,626	57.73
9-10	0.0058	94,519	55	94,492	5,366,074	56.77
10-11	0.0051	94,464	48	94,440	5,271,582	55.81
11-12	0.0048	94,416	45	94,394	5,177,142	54.83
12-13	0.0052	94,371	49	94,346	5,082,748	53.86
13-14	0.0064	94,322	61	94,292	4,988,402	52.89
14-15	0.0084	94,261	79	94,222	4,894,110	51.92
15-16	0.0108	94,182	101	94,131	4,799,888	50.96
16-17	0.0133	94,081	126	94,018	4,705,757	50.02
17-18	0.0154	93,955	144	93,883	4,611,739	49.08
18-19	0.0171	93,811	161	93,731	4,517,856	48.16
19-20	0.0186	93,650	174	93,563	4,424,125	47.24
20-21	0.0201	93,476	188	93,382	4,330,562	46.33
21-22	0.0219	93,288	204	93,186	4,237,180	45.42
22-23	0.0240	93,084	223	92,972	4,143,994	44.52
23-24	0.0267	92,861	248	92,737	4,051,022	43.62
24-25	0.0299	92,613	277	92,474	3,958,285	42.74
25-26	0.0333	92,336	308	92,182	3,865,811	41.87
26-27	0.0366	92,028	337	91,860	3,773,629	41.01
27-28	0.0397	91,691	364	91,509	3,681,769	40.15
28-29	0.0424	91,327	387	91,134	3,590,260	39.31
29-30	0.0449	90,940	408	90,736	3,499,126	38.48
30-31	0.0473	90,532	428	90,318	3,408,390	37.65
31-32	0.0498	90,104	449	89,879	3,318,072	36.82
32-33	0.0526	89,655	472	89,419	3,228,193	36.01
33-34	0.0555	89,183	495	88,936	3,138,774	35.19
34-35	0.0584	88,688	518	88,429	3,049,838	34.39
35-36	0.0615	88,170	542	87,899	2,961,409	33.59
36-37	0.0651	87,628	570	87,343	2,873,510	32.79
37-38	0.0694	87,058	605	86,756	2,786,167	32.00
38-39	0.0743	86,453	642	86,132	2,699,411	31.22
39-40	0.0797	85,811	684	85,469	2,613,279	30.45
40-41	0.0856	85,127	728	84,763	2,527,810	29.69
41-42	0.0924	84,399	780	84,009	2,443,047	28.95
42-43	0.1000	83,619	836	83,201	2,359,038	28.21
43-44	0.1087	82,783	900	82,333	2,275,837	27.49
44-45	0.1183	81,883	969	81,398	2,193,504	26.79
45-46	0.1287	80,914	1,041	80,393	2,112,106	26.10
46-47	0.1396	79,873	1,115	79,315	2,031,713	25.44
47-48	0.1508	78,758	1,188	78,164	1,952,398	24.79
48-49	0.1624	77,570	1,260	76,940	1,874,234	24.16
49-50	0.1744	76,310	1,331	75,645	1,797,294	23.55
50-51	0.1869	74,979	1,401	74,279	1,721,649	22.96
51-52	0.1998	73,578	1,470	72,843	1,647,370	22.39
52-53	0.2132	72,108	1,537	71,339	1,574,527	21.84
53-54	0.2275	70,571	1,606	69,768	1,503,188	21.30
54-55	0.2427	68,965	1,674	68,128	1,433,420	20.78

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: FLORIDA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02582	67,291	1,737	66,423	1,365,292	20.29
56-57	.02732	65,554	1,791	64,658	1,298,869	19.81
57-58	.02871	63,763	1,831	62,848	1,234,211	19.36
58-59	.03000	61,932	1,858	61,003	1,171,363	18.91
59-60	.03122	60,074	1,875	59,137	1,110,360	18.48
60-61	.03238	58,199	1,885	57,257	1,051,223	18.06
61-62	.03346	56,314	1,884	55,372	993,966	17.65
62-63	.03445	54,430	1,875	53,492	938,594	17.24
63-64	.03533	52,555	1,857	51,627	885,102	16.84
64-65	.03609	50,698	1,830	49,783	833,475	16.44
65-66	.03679	48,868	1,797	47,970	783,692	16.04
66-67	.03746	47,071	1,764	46,189	735,722	15.63
67-68	.03813	45,307	1,727	44,444	689,533	15.22
68-69	.03873	43,580	1,688	42,736	645,089	14.80
69-70	.03922	41,892	1,643	41,070	602,353	14.38
70-71	.03974	40,249	1,600	39,449	561,283	13.95
71-72	.04041	38,649	1,561	37,869	521,834	13.50
72-73	.04136	37,088	1,534	36,321	483,965	13.05
73-74	.04258	35,554	1,514	34,797	447,644	12.59
74-75	.04398	34,040	1,497	33,291	412,847	12.13
75-76	.04558	32,543	1,484	31,801	379,556	11.66
76-77	.04738	31,059	1,471	30,324	347,755	11.20
77-78	.04941	29,588	1,462	28,857	317,431	10.73
78-79	.05162	28,126	1,452	27,400	288,574	10.26
79-80	.05401	26,674	1,441	25,954	261,174	9.79
80-81	.05663	25,233	1,429	24,519	235,220	9.32
81-82	.05952	23,804	1,416	23,096	210,701	8.85
82-83	.06274	22,388	1,405	21,685	187,605	8.38
83-84	.06525	20,983	1,369	20,298	165,920	7.91
84-85	.06703	19,614	1,315	18,956	145,622	7.42
85-86	.06961	18,299	1,274	17,662	126,666	6.92
86-87	.07453	17,025	1,269	16,391	109,004	6.40
87-88	.08333	15,756	1,313	15,100	92,613	5.88
88-89	.09660	14,443	1,395	13,746	77,513	5.37
89-90	.11332	13,048	1,478	12,309	63,767	4.89
90-91	.13261	11,570	1,535	10,802	51,458	4.45
91-92	.15356	10,035	1,541	9,265	40,656	4.05
92-93	.17531	8,494	1,489	7,750	31,391	3.70
93-94	.19844	7,005	1,390	6,310	23,641	3.37
94-95	.22354	5,615	1,255	4,987	17,331	3.09
95-96	.24973	4,360	1,089	3,815	12,344	2.83
96-97	.27611	3,271	903	2,819	8,529	2.61
97-98	.30182	2,368	715	2,011	5,710	2.41
98-99	.32743	1,653	541	1,383	3,699	2.24
99-100	.35354	1,112	393	915	2,316	2.08
100-101	.37926	719	273	582	1,401	1.95
101-102	.40371	446	180	356	819	1.83
102-103	.42600	266	113	209	463	1.74
103-104	.44551	153	68	119	254	1.66
104-105	.46282	85	40	65	135	1.59
105-106	.47888	45	21	35	70	1.52
106-107	.49463	24	12	18	35	1.46
107-108	.51100	12	6	9	17	1.40
108-109	.52810	6	3	4	8	1.35
109-110	.54529	3	2	2	4	1.29
110-111	.56243	1	1	1	2	1.24
111-112	.57938	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00178. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.78 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,924 will complete the first year of life and enter the second; 96,717 will begin the third year; 94,832 will reach age 21; and 39,796 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,076 die in the first year of life, 207 in the second year, 169 in the twenty-second year, and 2,500 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,747. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,747 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,642,665 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,657,834.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,747 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,832 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,642,665) is the total number of years lived after attaining age 21 by the 94,832 reaching that age. This number of years divided by the number of persons (4,642,665 divided by 94,832) gives 48.96 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Georgia

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Georgia Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.88 years for white males, 72.82 years for white females, 56.88 years for nonwhite males, and 61.62 years for nonwhite females. This State ranks 38th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.8
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: GEORGIA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e'_x
0-1	0.03132	100,000	3,132	97,246	6,588,161	65.88
1-2	.00189	96,868	183	96,776	6,490,915	67.01
2-3	.00140	96,685	135	96,617	6,394,139	66.13
3-4	.00102	96,550	99	96,500	6,297,522	65.23
4-5	.00089	96,451	86	96,408	6,201,022	64.29
5-6	.00081	96,365	78	96,326	6,104,614	63.35
6-7	.00074	96,287	71	96,252	6,008,288	62.40
7-8	.00068	96,216	65	96,183	5,912,036	61.45
8-9	.00063	96,151	61	96,120	5,815,853	60.49
9-10	.00060	96,090	58	96,061	5,719,733	59.52
10-11	.00058	96,032	55	96,004	5,623,672	58.56
11-12	.00060	95,977	58	95,948	5,527,668	57.59
12-13	.00064	95,919	61	95,888	5,431,720	56.63
13-14	.00072	95,858	69	95,823	5,335,832	55.66
14-15	.00084	95,789	81	95,748	5,240,009	54.70
15-16	.00098	95,708	94	95,661	5,144,261	53.75
16-17	.00113	95,614	108	95,560	5,048,600	52.80
17-18	.00127	95,506	121	95,446	4,953,040	51.86
18-19	.00142	95,385	135	95,317	4,857,594	50.93
19-20	.00158	95,250	151	95,174	4,762,277	50.00
20-21	.00174	95,099	165	95,016	4,667,103	49.08
21-22	.00188	94,934	179	94,844	4,572,087	48.16
22-23	.00199	94,755	188	94,661	4,477,243	47.25
23-24	.00207	94,567	196	94,469	4,382,582	46.34
24-25	.00211	94,371	199	94,271	4,288,113	45.44
25-26	.00214	94,172	202	94,071	4,193,842	44.53
26-27	.00217	93,970	204	93,868	4,099,771	43.63
27-28	.00219	93,766	205	93,664	4,005,903	42.72
28-29	.00220	93,561	206	93,458	3,912,239	41.81
29-30	.00222	93,355	207	93,251	3,818,781	40.91
30-31	.00224	93,148	209	93,043	3,725,530	40.00
31-32	.00226	92,939	210	92,834	3,632,487	39.08
32-33	.00228	92,729	211	92,623	3,539,653	38.17
33-34	.00241	92,518	223	92,406	3,447,030	37.26
34-35	.00258	92,295	238	92,176	3,354,624	36.35
35-36	.00279	92,057	257	91,928	3,262,448	35.44
36-37	.00304	91,800	279	91,660	3,170,520	34.54
37-38	.00332	91,521	304	91,369	3,078,860	33.64
38-39	.00364	91,217	332	91,051	2,987,491	32.75
39-40	.00400	90,885	364	90,703	2,896,440	31.87
40-41	.00439	90,521	397	90,323	2,805,737	31.00
41-42	.00483	90,124	435	89,906	2,715,414	30.13
42-43	.00530	89,689	476	89,451	2,625,508	29.27
43-44	.00581	89,213	518	88,954	2,536,057	28.43
44-45	.00634	88,695	562	88,414	2,447,103	27.59
45-46	.00692	88,133	610	87,828	2,358,689	26.76
46-47	.00756	87,523	662	87,192	2,270,861	25.95
47-48	.00825	86,861	717	86,503	2,183,669	25.14
48-49	.00898	86,144	773	85,758	2,097,166	24.34
49-50	.00974	85,371	832	84,955	2,011,408	23.56
50-51	.01057	84,539	893	84,093	1,926,453	22.79
51-52	.01150	83,646	962	83,165	1,842,360	22.03
52-53	.01257	82,684	1,040	82,164	1,759,195	21.28
53-54	.01381	81,644	1,127	81,081	1,677,031	20.54
54-55	.01519	80,517	1,223	79,905	1,595,950	19.82

TABLE 1. LIFE TABLE FOR WHITE MALES: GEORGIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01667	79,294	1,322	78,633	1,516,045	19.12
56-57	.01819	77,972	1,418	77,263	1,437,412	18.43
57-58	.01971	76,554	1,509	75,799	1,360,149	17.77
58-59	.02118	75,045	1,590	74,250	1,284,350	17.11
59-60	.02262	73,455	1,661	72,625	1,210,100	16.47
60-61	.02412	71,794	1,732	70,928	1,137,475	15.84
61-62	.02575	70,062	1,804	69,160	1,066,547	15.22
62-63	.02758	68,258	1,882	67,317	997,387	14.61
63-64	.02956	66,376	1,962	65,395	930,070	14.01
64-65	.03163	64,414	2,038	63,395	864,675	13.42
65-66	.03388	62,376	2,113	61,319	801,280	12.85
66-67	.03642	60,263	2,195	59,165	739,961	12.28
67-68	.03934	58,068	2,284	56,926	680,796	11.72
68-69	.04265	55,784	2,380	54,594	623,870	11.18
69-70	.04629	53,404	2,472	52,168	569,276	10.66
70-71	.05024	50,932	2,558	49,653	517,108	10.15
71-72	.05448	48,374	2,636	47,056	467,455	9.66
72-73	.05899	45,738	2,698	44,389	420,399	9.19
73-74	.06364	43,040	2,739	41,671	376,010	8.74
74-75	.06843	40,301	2,758	38,922	334,339	8.30
75-76	.07358	37,543	2,762	36,162	295,417	7.87
76-77	.07929	34,781	2,758	33,402	259,255	7.45
77-78	.08577	32,023	2,747	30,650	225,853	7.05
78-79	.09307	29,276	2,724	27,914	195,203	6.67
79-80	.10105	26,552	2,683	25,210	167,289	6.30
80-81	.10965	23,869	2,618	22,560	142,079	5.95
81-82	.11877	21,251	2,524	19,989	119,519	5.62
82-83	.12836	18,727	2,403	17,525	99,530	5.31
83-84	.13861	16,324	2,263	15,192	82,005	5.02
84-85	.14957	14,061	2,103	13,009	66,813	4.75
85-86	.16094	11,958	1,925	10,996	53,804	4.50
86-87	.17242	10,033	1,730	9,168	42,808	4.27
87-88	.18372	8,303	1,525	7,541	33,640	4.05
88-89	.19432	6,778	1,317	6,119	26,099	3.85
89-90	.20442	5,461	1,116	4,903	19,980	3.66
90-91	.21479	4,345	934	3,878	15,077	3.47
91-92	.22622	3,411	771	3,025	11,199	3.28
92-93	.23946	2,640	632	2,324	8,174	3.10
93-94	.25489	2,008	512	1,752	5,850	2.91
94-95	.27200	1,496	407	1,292	4,098	2.74
95-96	.29022	1,089	316	931	2,806	2.58
96-97	.30902	773	239	654	1,875	2.42
97-98	.32785	534	175	447	1,221	2.29
98-99	.34707	359	125	297	774	2.16
99-100	.36704	234	86	191	477	2.04
100-101	.38722	148	57	120	286	1.93
101-102	.40706	91	37	72	166	1.83
102-103	.42600	54	23	42	94	1.74
103-104	.44384	31	14	24	52	1.66
104-105	.46095	17	8	13	28	1.59
105-106	.47763	9	4	7	15	1.52
106-107	.49421	5	3	4	8	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: GEORGIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02299	100,000	2,299	98,013	7,281,636	72.82
1-2	.00183	97,701	179	97,612	7,183,623	73.53
2-3	.00126	97,522	123	97,461	7,086,011	72.66
3-4	.00095	97,399	92	97,353	6,988,550	71.75
4-5	.00057	97,307	56	97,279	6,891,197	70.82
5-6	.00053	97,251	51	97,226	6,793,918	69.86
6-7	.00049	97,200	48	97,176	6,696,692	68.90
7-8	.00044	97,152	43	97,131	6,599,516	67.93
8-9	.00039	97,109	37	97,090	6,502,385	66.96
9-10	.00035	97,072	34	97,055	6,405,295	65.98
10-11	.00032	97,038	31	97,022	6,308,240	65.01
11-12	.00031	97,007	31	96,991	6,211,218	64.03
12-13	.00032	96,976	31	96,961	6,114,227	63.05
13-14	.00036	96,945	34	96,928	6,017,266	62.07
14-15	.00042	96,911	41	96,890	5,920,338	61.09
15-16	.00050	96,870	49	96,846	5,823,448	60.12
16-17	.00058	96,821	56	96,793	5,726,602	59.15
17-18	.00064	96,765	62	96,734	5,629,809	58.18
18-19	.00068	96,703	65	96,670	5,533,075	57.22
19-20	.00071	96,638	69	96,603	5,436,405	56.26
20-21	.00073	96,569	71	96,534	5,339,802	55.30
21-22	.00075	96,498	72	96,462	5,243,268	54.34
22-23	.00078	96,426	75	96,388	5,146,806	53.38
23-24	.00081	96,351	78	96,312	5,050,418	52.42
24-25	.00084	96,273	81	96,232	4,954,106	51.46
25-26	.00087	96,192	84	96,150	4,857,874	50.50
26-27	.00091	96,108	87	96,065	4,761,724	49.55
27-28	.00096	96,021	92	95,975	4,665,659	48.59
28-29	.00102	95,929	98	95,880	4,569,684	47.64
29-30	.00109	95,831	105	95,779	4,473,804	46.68
30-31	.00117	95,726	112	95,670	4,378,025	45.73
31-32	.00126	95,614	120	95,554	4,282,355	44.79
32-33	.00135	95,494	129	95,429	4,186,801	43.84
33-34	.00145	95,365	138	95,296	4,091,372	42.90
34-35	.00155	95,227	148	95,153	3,996,076	41.96
35-36	.00166	95,079	158	95,000	3,900,923	41.03
36-37	.00178	94,921	169	94,837	3,805,923	40.10
37-38	.00191	94,752	181	94,662	3,711,086	39.17
38-39	.00204	94,571	193	94,475	3,616,424	38.24
39-40	.00217	94,378	204	94,276	3,521,949	37.32
40-41	.00231	94,174	218	94,065	3,427,673	36.40
41-42	.00247	93,956	232	93,840	3,333,608	35.48
42-43	.00266	93,724	249	93,599	3,239,768	34.57
43-44	.00287	93,475	269	93,340	3,146,169	33.66
44-45	.00309	93,206	288	93,062	3,052,829	32.75
45-46	.00333	92,918	309	92,764	2,959,767	31.85
46-47	.00361	92,609	334	92,442	2,867,003	30.96
47-48	.00391	92,275	361	92,094	2,774,561	30.07
48-49	.00424	91,914	390	91,719	2,682,467	29.18
49-50	.00460	91,524	421	91,314	2,590,748	28.31
50-51	.00499	91,103	455	90,876	2,499,434	27.44
51-52	.00542	90,648	491	90,403	2,408,558	26.57
52-53	.00589	90,157	531	89,892	2,318,155	25.71
53-54	.00639	89,626	573	89,340	2,228,263	24.86
54-55	.00690	89,053	614	88,746	2,138,923	24.02

TABLE 2. LIFE TABLE FOR WHITE FEMALES: GEORGIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00747	88,439	661	88,109	2,050,177	23.18
56-57	.00812	87,778	712	87,422	1,962,068	22.35
57-58	.00888	87,066	774	86,679	1,874,646	21.53
58-59	.00974	86,292	840	85,872	1,787,967	20.72
59-60	.01069	85,452	914	84,995	1,702,095	19.92
60-61	.01173	84,538	991	84,043	1,617,100	19.13
61-62	.01288	83,547	1,076	83,009	1,533,057	18.35
62-63	.01417	82,471	1,169	81,886	1,450,048	17.58
63-64	.01549	81,302	1,259	80,672	1,368,162	16.83
64-65	.01684	80,043	1,348	79,369	1,287,490	16.08
65-66	.01835	78,695	1,444	77,973	1,208,121	15.35
66-67	.02018	77,251	1,559	76,471	1,130,148	14.63
67-68	.02245	75,692	1,699	74,842	1,053,677	13.92
68-69	.02519	73,993	1,864	73,061	978,835	13.23
69-70	.02830	72,129	2,042	71,108	905,774	12.56
70-71	.03175	70,087	2,225	68,975	834,666	11.91
71-72	.03554	67,862	2,412	66,656	765,691	11.28
72-73	.03963	65,450	2,593	64,153	699,035	10.68
73-74	.04384	62,857	2,756	61,479	634,882	10.10
74-75	.04819	60,101	2,896	58,653	573,403	9.54
75-76	.05296	57,205	3,030	55,690	514,750	9.00
76-77	.05841	54,175	3,164	52,593	459,060	8.47
77-78	.06483	51,011	3,307	49,357	406,467	7.97
78-79	.07226	47,704	3,447	45,980	357,110	7.49
79-80	.08053	44,257	3,564	42,475	311,130	7.03
80-81	.08955	40,693	3,644	38,871	268,655	6.60
81-82	.09926	37,049	3,678	35,210	229,784	6.20
82-83	.10958	33,371	3,657	31,543	194,574	5.83
83-84	.12121	29,714	3,601	27,914	163,031	5.49
84-85	.13420	26,113	3,505	24,361	135,117	5.17
85-86	.14750	22,608	3,334	20,941	110,756	4.90
86-87	.16008	19,274	3,086	17,731	89,815	4.66
87-88	.17090	16,188	2,766	14,805	72,084	4.45
88-89	.17845	13,422	2,395	12,224	57,279	4.27
89-90	.18344	11,027	2,023	10,015	45,055	4.09
90-91	.18810	9,004	1,694	8,157	35,040	3.89
91-92	.19470	7,310	1,423	6,599	26,883	3.68
92-93	.20350	5,887	1,210	5,282	20,284	3.45
93-94	.22130	4,677	1,035	4,160	15,002	3.21
94-95	.24059	3,642	876	3,204	10,842	2.98
95-96	.26217	2,766	725	2,403	7,638	2.76
96-97	.28483	2,041	582	1,750	5,235	2.57
97-98	.30735	1,459	448	1,235	3,485	2.39
98-99	.33054	1,011	334	844	2,250	2.23
99-100	.35522	677	241	557	1,406	2.08
100-101	.38016	436	166	353	849	1.95
101-102	.40415	270	109	216	496	1.83
102-103	.42600	161	68	127	280	1.74
103-104	.44515	93	42	72	153	1.66
104-105	.46242	51	23	39	81	1.59
105-106	.47862	28	14	21	42	1.52
106-107	.49454	14	7	11	21	1.46
107-108	.51100	7	3	5	10	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: GEORGIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04880	100,000	4,880	95,933	5,687,740	56.88
1-2	0.00458	95,120	436	94,902	5,591,807	58.79
2-3	0.00208	94,684	197	94,586	5,496,905	58.06
3-4	0.00158	94,487	149	94,413	5,402,319	57.18
4-5	0.00120	94,338	113	94,282	5,307,906	56.26
5-6	0.00112	94,225	106	94,172	5,213,624	55.33
6-7	0.00103	94,119	97	94,071	5,119,452	54.39
7-8	0.00093	94,022	87	93,979	5,025,381	53.45
8-9	0.00084	93,935	79	93,896	4,931,402	52.50
9-10	0.00078	93,856	73	93,819	4,837,506	51.54
10-11	0.00077	93,783	72	93,747	4,743,687	50.58
11-12	0.00081	93,711	76	93,673	4,649,940	49.62
12-13	0.00092	93,635	86	93,592	4,556,267	48.66
13-14	0.00113	93,549	106	93,496	4,462,675	47.70
14-15	0.00143	93,443	134	93,376	4,369,179	46.76
15-16	0.00178	93,309	166	93,226	4,275,803	45.82
16-17	0.00214	93,143	199	93,044	4,182,577	44.90
17-18	0.00249	92,944	232	92,828	4,089,533	44.00
18-19	0.00283	92,712	262	92,581	3,996,705	43.11
19-20	0.00318	92,450	294	92,303	3,904,124	42.23
20-21	0.00353	92,156	325	91,993	3,811,821	41.36
21-22	0.00388	91,831	357	91,653	3,719,828	40.51
22-23	0.00420	91,474	384	91,282	3,628,175	39.66
23-24	0.00449	91,090	409	90,886	3,536,893	38.83
24-25	0.00475	90,681	430	90,466	3,446,007	38.00
25-26	0.00501	90,251	453	90,024	3,355,541	37.18
26-27	0.00528	89,798	474	89,561	3,265,517	36.37
27-28	0.00558	89,324	498	89,075	3,175,956	35.56
28-29	0.00592	88,826	526	88,563	3,086,881	34.75
29-30	0.00629	88,300	555	88,022	2,998,318	33.96
30-31	0.00668	87,745	587	87,451	2,910,296	33.17
31-32	0.00707	87,158	616	86,850	2,822,845	32.39
32-33	0.00746	86,542	645	86,219	2,735,995	31.61
33-34	0.00783	85,897	673	85,560	2,649,776	30.85
34-35	0.00818	85,224	697	84,875	2,564,216	30.09
35-36	0.00854	84,527	722	84,166	2,479,341	29.33
36-37	0.00895	83,805	750	83,430	2,395,175	28.58
37-38	0.00944	83,055	784	82,663	2,311,745	27.83
38-39	0.00996	82,271	819	81,861	2,229,082	27.09
39-40	0.01048	81,452	854	81,025	2,147,221	26.36
40-41	0.01109	80,598	894	80,151	2,066,196	25.64
41-42	0.01183	79,704	943	79,233	1,986,045	24.92
42-43	0.01279	78,761	1,007	78,258	1,906,812	24.21
43-44	0.01398	77,754	1,087	77,210	1,828,554	23.52
44-45	0.01535	76,667	1,177	76,078	1,751,344	22.84
45-46	0.01688	75,490	1,274	74,853	1,675,266	22.19
46-47	0.01853	74,216	1,375	73,528	1,600,413	21.56
47-48	0.02029	72,841	1,478	72,102	1,526,885	20.96
48-49	0.02221	71,363	1,585	70,570	1,454,783	20.39
49-50	0.02430	69,778	1,696	68,930	1,384,213	19.84
50-51	0.02649	68,082	1,803	67,180	1,315,283	19.32
51-52	0.02868	66,279	1,901	65,328	1,248,103	18.83
52-53	0.03078	64,378	1,982	63,387	1,182,775	18.37
53-54	0.03286	62,396	2,050	61,371	1,119,388	17.94
54-55	0.03497	60,346	2,111	59,291	1,058,017	17.53

TABLE 3. LIFE TABLE FOR NONWHITE MALES: GEORGIA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.03703	58,235	2,156	57,157	998,726	17.15
56-57	.03893	56,079	2,183	54,987	941,569	16.79
57-58	.04060	53,896	2,188	52,802	886,582	16.45
58-59	.04200	51,708	2,172	50,622	833,780	16.12
59-60	.04321	49,536	2,140	48,466	783,158	15.81
60-61	.04424	47,396	2,097	46,347	734,692	15.50
61-62	.04515	45,299	2,045	44,276	688,345	15.20
62-63	.04595	43,254	1,988	42,260	644,069	14.89
63-64	.04661	41,266	1,923	40,304	601,809	14.58
64-65	.04709	39,343	1,853	38,416	561,505	14.27
65-66	.04748	37,490	1,780	36,600	523,089	13.95
66-67	.04784	35,710	1,708	34,856	486,489	13.62
67-68	.04826	34,002	1,641	33,181	451,633	13.28
68-69	.04865	32,361	1,575	31,573	418,452	12.93
69-70	.04897	30,786	1,507	30,033	386,879	12.57
70-71	.04932	29,279	1,444	28,557	356,846	12.19
71-72	.04983	27,835	1,387	27,141	328,289	11.79
72-73	.05062	26,448	1,339	25,778	301,148	11.39
73-74	.05151	25,109	1,293	24,462	275,370	10.97
74-75	.05242	23,816	1,249	23,191	250,908	10.54
75-76	.05361	22,567	1,210	21,962	227,717	10.09
76-77	.05534	21,357	1,182	20,766	205,755	9.63
77-78	.05786	20,175	1,167	19,592	184,989	9.17
78-79	.06099	19,008	1,159	18,428	165,397	8.70
79-80	.06456	17,849	1,153	17,273	146,969	8.23
80-81	.06884	16,696	1,149	16,122	129,696	7.77
81-82	.07411	15,547	1,152	14,971	113,574	7.31
82-83	.08065	14,395	1,161	13,814	98,603	6.85
83-84	.08830	13,234	1,169	12,650	84,789	6.41
84-85	.09687	12,065	1,168	11,481	72,139	5.98
85-86	.10660	10,897	1,162	10,316	60,658	5.57
86-87	.11773	9,735	1,146	9,162	50,342	5.17
87-88	.13048	8,589	1,121	8,029	41,180	4.79
88-89	.14516	7,468	1,084	6,926	33,151	4.44
89-90	.16160	6,384	1,032	5,868	26,225	4.11
90-91	.17937	5,352	960	4,872	20,357	3.80
91-92	.19801	4,392	869	3,958	15,485	3.53
92-93	.21708	3,523	765	3,140	11,527	3.27
93-94	.23687	2,758	653	2,431	8,387	3.04
94-95	.25769	2,105	543	1,834	5,956	2.83
95-96	.27909	1,562	436	1,344	4,122	2.64
96-97	.30061	1,126	338	957	2,778	2.47
97-98	.32181	788	254	661	1,821	2.31
98-99	.34299	534	183	443	1,160	2.17
99-100	.36445	351	128	287	717	2.05
100-101	.38573	223	86	180	430	1.93
101-102	.40640	137	56	109	250	1.83
102-103	.42600	81	34	64	141	1.74
103-104	.44423	47	21	36	77	1.66
104-105	.46138	26	12	20	41	1.59
105-106	.47792	14	7	11	21	1.52
106-107	.49431	7	3	5	10	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: GEORGIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04049	100,000	4,049	96,660	6,162,240	61.62
1-2	0.0361	95,951	346	95,778	6,065,580	63.22
2-3	0.0199	95,605	191	95,509	5,969,802	62.44
3-4	0.0132	95,414	126	95,351	5,874,293	61.57
4-5	0.0111	95,288	105	95,236	5,778,942	60.65
5-6	0.0097	95,183	93	95,136	5,683,706	59.71
6-7	0.0084	95,090	80	95,050	5,588,570	58.77
7-8	0.0073	95,010	69	94,976	5,493,520	57.82
8-9	0.0065	94,941	62	94,910	5,398,544	56.86
9-10	0.0060	94,879	57	94,851	5,303,634	55.90
10-11	0.0059	94,822	55	94,794	5,208,783	54.93
11-12	0.0062	94,767	59	94,737	5,113,989	53.96
12-13	0.0069	94,708	66	94,675	5,019,252	53.00
13-14	0.0083	94,642	78	94,603	4,924,577	52.03
14-15	0.0102	94,564	97	94,516	4,829,974	51.08
15-16	0.0125	94,467	118	94,408	4,735,458	50.13
16-17	0.0149	94,349	140	94,279	4,641,050	49.19
17-18	0.0172	94,209	162	94,128	4,546,771	48.26
18-19	0.0193	94,047	182	93,956	4,452,643	47.34
19-20	0.0215	93,865	202	93,764	4,358,687	46.44
20-21	0.0237	93,663	222	93,552	4,264,923	45.53
21-22	0.0260	93,441	243	93,320	4,171,371	44.64
22-23	0.0284	93,198	264	93,066	4,078,051	43.76
23-24	0.0309	92,934	287	92,790	3,984,985	42.88
24-25	0.0335	92,647	311	92,491	3,892,195	42.01
25-26	0.0362	92,336	334	92,169	3,799,704	41.15
26-27	0.0389	92,002	358	91,823	3,707,535	40.30
27-28	0.0418	91,644	383	91,453	3,615,712	39.45
28-29	0.0447	91,261	408	91,057	3,524,259	38.62
29-30	0.0477	90,853	433	90,636	3,433,202	37.79
30-31	0.0507	90,420	459	90,190	3,342,566	36.97
31-32	0.0540	89,961	486	89,718	3,252,376	36.15
32-33	0.0576	89,475	515	89,218	3,162,658	35.35
33-34	0.0614	88,960	546	88,687	3,073,440	34.55
34-35	0.0655	88,414	579	88,124	2,984,753	33.76
35-36	0.0698	87,835	613	87,528	2,896,629	32.98
36-37	0.0744	87,222	649	86,897	2,809,101	32.21
37-38	0.0794	86,573	688	86,229	2,722,204	31.44
38-39	0.0845	85,885	725	85,523	2,635,975	30.69
39-40	0.0896	85,160	763	84,778	2,550,452	29.95
40-41	0.0953	84,397	805	83,994	2,465,674	29.22
41-42	0.1017	83,592	850	83,167	2,381,680	28.49
42-43	0.1095	82,742	906	82,289	2,298,513	27.78
43-44	0.1189	81,836	973	81,350	2,216,224	27.08
44-45	0.1296	80,863	1,048	80,339	2,134,874	26.40
45-46	0.1412	79,815	1,127	79,252	2,054,535	25.74
46-47	0.1530	78,688	1,204	78,086	1,975,283	25.10
47-48	0.1646	77,484	1,275	76,847	1,897,197	24.49
48-49	0.1757	76,209	1,339	75,539	1,820,350	23.89
49-50	0.1867	74,870	1,398	74,171	1,744,811	23.30
50-51	0.1979	73,472	1,454	72,745	1,670,640	22.74
51-52	0.2096	72,018	1,509	71,263	1,597,895	22.19
52-53	0.2221	70,509	1,566	69,726	1,526,632	21.65
53-54	0.2360	68,943	1,628	68,129	1,456,906	21.13
54-55	0.2511	67,315	1,690	66,470	1,388,777	20.63

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: GEORGIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.02664	65,625	1,748	64,751	1,322,307	20.15
56-57	.02811	63,877	1,796	62,979	1,257,556	19.69
57-58	.02942	62,081	1,826	61,168	1,194,577	19.24
58-59	.03055	60,255	1,841	59,335	1,133,409	18.81
59-60	.03156	58,414	1,843	57,492	1,074,074	18.39
60-61	.03248	56,571	1,838	55,652	1,016,582	17.97
61-62	.03334	54,733	1,825	53,821	960,930	17.56
62-63	.03416	52,908	1,807	52,005	907,109	17.15
63-64	.03492	51,101	1,784	50,209	855,104	16.73
64-65	.03561	49,317	1,757	48,438	804,895	16.32
65-66	.03625	47,560	1,724	46,698	756,457	15.91
66-67	.03686	45,836	1,689	44,992	709,759	15.48
67-68	.03748	44,147	1,655	43,319	664,767	15.06
68-69	.03800	42,492	1,615	41,685	621,448	14.63
69-70	.03842	40,877	1,570	40,092	579,763	14.18
70-71	.03887	39,307	1,528	38,543	539,671	13.73
71-72	.03948	37,779	1,491	37,033	501,128	13.26
72-73	.04040	36,288	1,466	35,555	464,095	12.79
73-74	.04152	34,822	1,446	34,099	428,540	12.31
74-75	.04276	33,376	1,427	32,662	394,441	11.82
75-76	.04425	31,949	1,414	31,242	361,779	11.32
76-77	.04616	30,535	1,410	29,830	330,537	10.82
77-78	.04864	29,125	1,416	28,417	300,707	10.32
78-79	.05176	27,709	1,434	26,992	272,290	9.83
79-80	.05542	26,275	1,457	25,546	245,298	9.34
80-81	.05951	24,818	1,477	24,080	219,752	8.85
81-82	.06390	23,341	1,491	22,596	195,672	8.38
82-83	.06849	21,850	1,497	21,102	173,076	7.92
83-84	.07236	20,353	1,472	19,617	151,974	7.47
84-85	.07559	18,881	1,428	18,167	132,357	7.01
85-86	.07955	17,453	1,388	16,759	114,190	6.54
86-87	.08560	16,065	1,375	15,377	97,431	6.06
87-88	.09510	14,690	1,397	13,991	82,054	5.59
88-89	.10858	13,293	1,443	12,571	68,063	5.12
89-90	.12513	11,850	1,483	11,108	55,492	4.68
90-91	.14397	10,367	1,493	9,621	44,384	4.28
91-92	.16430	8,874	1,458	8,145	34,763	3.92
92-93	.18535	7,416	1,374	6,729	26,618	3.59
93-94	.20764	6,042	1,255	5,414	19,889	3.29
94-95	.23169	4,787	1,109	4,233	14,475	3.02
95-96	.25671	3,678	944	3,206	10,242	2.78
96-97	.28193	2,734	771	2,348	7,036	2.57
97-98	.30655	1,963	602	1,662	4,688	2.39
98-99	.33110	1,361	450	1,136	3,026	2.22
99-100	.35611	911	325	748	1,890	2.07
100-101	.38078	586	223	475	1,142	1.94
101-102	.40434	363	147	290	667	1.83
102-103	.42600	216	92	170	377	1.74
103-104	.44520	124	55	97	207	1.66
104-105	.46248	69	32	53	110	1.59
105-106	.47865	37	18	28	57	1.52
106-107	.49455	19	9	15	29	1.46
107-108	.51100	10	5	7	14	1.40
108-109	.52810	5	3	4	7	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00188. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.88 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,868 will complete the first year of life and enter the second; 96,685 will begin the third year; 94,934 will reach age 21; and 37,543 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,132 die in the first year of life, 183 in the second year, 179 in the twenty-second year, and 2,762 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,844. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,844 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,572,087 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,588,161.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,844 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,934 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,572,087) is the total number of years lived after attaining age 21 by the 94,934 reaching that age. This number of years divided by the number of persons (4,572,087 divided by 94,934) gives 48.16 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Idaho

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Idaho Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.49 years for white males and 73.05 years for white females. This State ranks 22d among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)*	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: IDAHO, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02960	100,000	2,960	97,397	6,648,959	66.49
1-2	.00264	97,040	256	96,912	6,551,562	67.51
2-3	.00169	96,784	164	96,702	6,454,650	66.69
3-4	.00164	96,620	158	96,541	6,357,948	65.80
4-5	.00095	96,462	92	96,416	6,261,407	64.91
5-6	.00093	96,370	89	96,325	6,164,991	63.97
6-7	.00092	96,281	89	96,236	6,068,666	63.03
7-8	.00091	96,192	88	96,148	5,972,430	62.09
8-9	.00085	96,104	81	96,064	5,876,282	61.15
9-10	.00079	96,023	76	95,985	5,780,218	60.20
10-11	.00075	95,947	72	95,911	5,684,233	59.24
11-12	.00076	95,875	73	95,838	5,588,322	58.29
12-13	.00082	95,802	79	95,763	5,492,484	57.33
13-14	.00097	95,723	92	95,677	5,396,721	56.38
14-15	.00118	95,631	113	95,574	5,301,044	55.43
15-16	.00143	95,518	137	95,449	5,205,470	54.50
16-17	.00168	95,381	160	95,301	5,110,021	53.57
17-18	.00189	95,221	180	95,131	5,014,720	52.66
18-19	.00207	95,041	197	94,943	4,919,589	51.76
19-20	.00225	94,844	213	94,738	4,824,646	50.87
20-21	.00241	94,631	228	94,517	4,729,908	49.98
21-22	.00252	94,403	238	94,284	4,635,391	49.10
22-23	.00258	94,165	243	94,043	4,541,107	48.22
23-24	.00254	93,922	239	93,803	4,447,064	47.35
24-25	.00242	93,683	226	93,570	4,353,261	46.47
25-26	.00227	93,457	212	93,351	4,259,691	45.58
26-27	.00214	93,245	200	93,145	4,166,340	44.68
27-28	.00208	93,045	194	92,948	4,073,195	43.78
28-29	.00210	92,851	195	92,754	3,980,247	42.87
29-30	.00216	92,656	200	92,556	3,887,493	41.96
30-31	.00226	92,456	209	92,352	3,794,937	41.05
31-32	.00238	92,247	219	92,138	3,702,585	40.14
32-33	.00251	92,028	231	91,912	3,610,447	39.23
33-34	.00265	91,797	243	91,675	3,518,535	38.33
34-35	.00280	91,554	257	91,425	3,426,860	37.43
35-36	.00298	91,297	272	91,161	3,335,435	36.53
36-37	.00317	91,025	288	90,881	3,244,274	35.64
37-38	.00339	90,737	308	90,583	3,153,393	34.75
38-39	.00364	90,429	329	90,264	3,062,810	33.87
39-40	.00391	90,100	352	89,924	2,972,546	32.99
40-41	.00421	89,748	378	89,559	2,882,622	32.12
41-42	.00452	89,370	404	89,168	2,793,063	31.25
42-43	.00483	88,966	430	88,751	2,703,895	30.39
43-44	.00510	88,536	451	88,310	2,615,144	29.54
44-45	.00534	88,085	471	87,849	2,526,834	28.69
45-46	.00562	87,614	492	87,368	2,438,985	27.84
46-47	.00599	87,122	522	86,861	2,351,617	26.99
47-48	.00652	86,600	565	86,318	2,264,756	26.15
48-49	.00727	86,035	625	85,723	2,178,438	25.32
49-50	.00818	85,410	699	85,060	2,092,715	24.50
50-51	.00920	84,711	779	84,321	2,007,655	23.70
51-52	.01023	83,932	859	83,503	1,923,334	22.92
52-53	.01122	83,073	932	82,607	1,839,831	22.15
53-54	.01207	82,141	991	81,645	1,757,224	21.39
54-55	.01283	81,150	1,041	80,629	1,675,579	20.65

TABLE 1. LIFE TABLE FOR WHITE MALES: IDAHO, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01363	80,109	1,092	79,563	1,594,950	19.91
56-57	.01461	79,017	1,155	78,439	1,515,387	19.18
57-58	.01589	77,862	1,237	77,244	1,436,948	18.46
58-59	.01758	76,625	1,347	75,951	1,359,704	17.74
59-60	.01958	75,278	1,474	74,541	1,283,753	17.05
60-61	.02176	73,804	1,606	73,001	1,209,212	16.38
61-62	.02395	72,198	1,729	71,333	1,136,211	15.74
62-63	.02601	70,469	1,833	69,552	1,064,878	15.11
63-64	.02779	68,636	1,907	67,682	995,326	14.50
64-65	.02940	66,729	1,962	65,748	927,644	13.90
65-66	.03105	64,767	2,011	63,761	861,896	13.31
66-67	.03297	62,756	2,069	61,721	798,135	12.72
67-68	.03537	60,687	2,147	59,613	736,414	12.13
68-69	.03813	58,540	2,232	57,424	676,801	11.56
69-70	.04111	56,308	2,315	55,151	619,377	11.00
70-71	.04449	53,993	2,402	52,792	564,226	10.45
71-72	.04847	51,591	2,501	50,341	511,434	9.91
72-73	.05323	49,090	2,613	47,784	461,093	9.39
73-74	.05908	46,477	2,746	45,104	413,309	8.89
74-75	.06588	43,731	2,881	42,291	368,205	8.42
75-76	.07319	40,850	2,989	39,356	325,914	7.98
76-77	.08056	37,861	3,050	36,336	286,558	7.57
77-78	.08754	34,811	3,048	33,287	250,222	7.19
78-79	.09367	31,763	2,975	30,276	216,935	6.83
79-80	.09926	28,788	2,858	27,359	186,659	6.48
80-81	.10498	25,930	2,722	24,569	159,300	6.14
81-82	.11154	23,208	2,588	21,914	134,731	5.81
82-83	.11961	20,620	2,467	19,386	112,817	5.47
83-84	.12939	18,153	2,349	16,979	93,431	5.15
84-85	.14043	15,804	2,219	14,695	76,452	4.84
85-86	.15243	13,585	2,071	12,550	61,757	4.55
86-87	.16509	11,514	1,901	10,564	49,207	4.27
87-88	.17814	9,613	1,712	8,757	38,643	4.02
88-89	.19159	7,901	1,514	7,144	29,886	3.78
89-90	.20565	6,387	1,313	5,730	22,742	3.56
90-91	.22027	5,074	1,118	4,515	17,012	3.35
91-92	.23540	3,956	931	3,490	12,497	3.16
92-93	.25101	3,025	759	2,645	9,007	2.98
93-94	.26723	2,266	606	1,963	6,362	2.81
94-95	.28410	1,660	472	1,424	4,399	2.65
95-96	.30140	1,188	358	1,009	2,975	2.50
96-97	.31893	830	265	698	1,966	2.37
97-98	.33648	565	190	470	1,268	2.24
98-99	.35420	375	133	309	798	2.13
99-100	.37221	242	90	197	489	2.02
100-101	.39032	152	59	122	292	1.92
101-102	.40832	93	38	74	170	1.83
102-103	.42600	55	24	43	96	1.74
103-104	.44329	31	13	25	53	1.66
104-105	.46033	18	9	13	28	1.59
105-106	.47722	9	4	7	15	1.52
106-107	.49407	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: IDAHO, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02208	100,000	2,208	98,092	7,304,733	73.05
1-2	.00211	97,792	206	97,689	7,206,641	73.69
2-3	.00122	97,586	119	97,526	7,108,952	72.85
3-4	.00098	97,467	96	97,419	7,011,426	71.94
4-5	.00056	97,371	54	97,344	6,914,007	71.01
5-6	.00056	97,317	55	97,289	6,816,663	70.05
6-7	.00055	97,262	53	97,235	6,719,374	69.09
7-8	.00055	97,209	54	97,182	6,622,139	68.12
8-9	.00053	97,155	51	97,129	6,524,957	67.16
9-10	.00051	97,104	50	97,079	6,427,828	66.20
10-11	.00050	97,054	48	97,030	6,330,749	65.23
11-12	.00051	97,006	50	96,981	6,233,719	64.26
12-13	.00053	96,956	51	96,930	6,136,738	63.29
13-14	.00058	96,905	57	96,877	6,039,808	62.33
14-15	.00066	96,848	63	96,817	5,942,931	61.36
15-16	.00076	96,785	74	96,748	5,846,114	60.40
16-17	.00084	96,711	81	96,670	5,749,366	59.45
17-18	.00091	96,630	88	96,586	5,652,696	58.50
18-19	.00096	96,542	93	96,496	5,556,110	57.55
19-20	.00100	96,449	96	96,401	5,459,614	56.61
20-21	.00103	96,353	100	96,303	5,363,213	55.66
21-22	.00105	96,253	101	96,203	5,266,910	54.72
22-23	.00106	96,152	102	96,101	5,170,707	53.78
23-24	.00104	96,050	99	96,001	5,074,606	52.83
24-25	.00100	95,951	96	95,903	4,978,605	51.89
25-26	.00096	95,855	92	95,809	4,882,702	50.94
26-27	.00092	95,763	88	95,719	4,786,893	49.99
27-28	.00091	95,675	88	95,631	4,691,174	49.03
28-29	.00093	95,587	88	95,543	4,595,543	48.08
29-30	.00096	95,499	92	95,453	4,500,000	47.12
30-31	.00101	95,407	96	95,359	4,404,547	46.17
31-32	.00107	95,311	102	95,260	4,309,188	45.21
32-33	.00115	95,209	110	95,154	4,213,928	44.26
33-34	.00125	95,099	119	95,040	4,118,774	43.31
34-35	.00137	94,980	130	94,915	4,023,734	42.36
35-36	.00151	94,850	143	94,778	3,928,819	41.42
36-37	.00166	94,707	157	94,628	3,834,041	40.48
37-38	.00181	94,550	172	94,464	3,739,413	39.55
38-39	.00197	94,378	185	94,286	3,644,949	38.62
39-40	.00214	94,193	202	94,092	3,550,663	37.70
40-41	.00233	93,991	219	93,881	3,456,571	36.78
41-42	.00252	93,772	236	93,654	3,362,690	35.86
42-43	.00272	93,536	255	93,408	3,269,036	34.95
43-44	.00292	93,281	272	93,145	3,175,628	34.04
44-45	.00313	93,009	291	92,863	3,082,483	33.14
45-46	.00335	92,718	311	92,562	2,989,620	32.24
46-47	.00359	92,407	332	92,241	2,897,058	31.35
47-48	.00387	92,075	356	91,897	2,804,817	30.46
48-49	.00418	91,719	383	91,527	2,712,920	29.58
49-50	.00452	91,336	413	91,129	2,621,393	28.70
50-51	.00489	90,923	445	90,701	2,530,264	27.83
51-52	.00528	90,478	477	90,239	2,439,563	26.96
52-53	.00571	90,001	514	89,744	2,349,324	26.10
53-54	.00614	89,487	550	89,212	2,259,580	25.25
54-55	.00658	88,937	585	88,645	2,170,368	24.40

TABLE 2. LIFE TABLE FOR WHITE FEMALES: IDAHO, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00705	88,352	623	88,041	2,081,723	23.56
56-57	.00761	87,729	668	87,395	1,993,682	22.73
57-58	.00828	87,061	720	86,701	1,906,287	21.90
58-59	.00904	86,341	781	85,950	1,819,586	21.07
59-60	.00987	85,560	844	85,138	1,733,636	20.26
60-61	.01080	84,716	915	84,258	1,648,498	19.46
61-62	.01187	83,801	995	83,303	1,564,240	18.67
62-63	.01312	82,806	1,086	82,263	1,480,937	17.88
63-64	.01447	81,720	1,183	81,128	1,398,674	17.12
64-65	.01590	80,537	1,280	79,897	1,317,546	16.36
65-66	.01752	79,257	1,389	78,562	1,237,649	15.62
66-67	.01943	77,868	1,513	77,111	1,159,087	14.89
67-68	.02175	76,355	1,661	75,525	1,081,976	14.17
68-69	.02445	74,694	1,826	73,781	1,006,451	13.47
69-70	.02746	72,868	2,001	71,868	932,670	12.80
70-71	.03081	70,867	2,183	69,775	860,802	12.15
71-72	.03456	68,684	2,374	67,497	791,027	11.52
72-73	.03872	66,310	2,568	65,026	723,530	10.91
73-74	.04347	63,742	2,770	62,357	658,504	10.33
74-75	.04879	60,972	2,975	59,484	596,147	9.78
75-76	.05442	57,997	3,156	56,419	536,663	9.25
76-77	.06012	54,841	3,297	53,192	480,244	8.76
77-78	.06565	51,544	3,384	49,852	427,052	8.29
78-79	.07010	48,160	3,376	46,472	377,200	7.83
79-80	.07362	44,784	3,297	43,135	330,728	7.38
80-81	.07760	41,487	3,220	39,877	287,593	6.93
81-82	.08339	38,267	3,191	36,672	247,716	6.47
82-83	.09236	35,076	3,239	33,456	211,044	6.02
83-84	.10624	31,837	3,383	30,145	177,588	5.58
84-85	.12410	28,454	3,531	26,689	147,443	5.18
85-86	.14338	24,923	3,573	23,136	120,754	4.85
86-87	.16150	21,350	3,448	19,626	97,618	4.57
87-88	.17588	17,902	3,149	16,327	77,992	4.36
88-89	.18466	14,753	2,724	13,391	61,665	4.18
89-90	.18954	12,029	2,280	10,889	48,274	4.01
90-91	.19334	9,749	1,885	8,806	37,385	3.83
91-92	.19888	7,864	1,564	7,082	28,579	3.63
92-93	.20896	6,300	1,316	5,642	21,497	3.41
93-94	.22438	4,984	1,119	4,424	15,855	3.18
94-95	.24326	3,865	940	3,395	11,431	2.96
95-96	.26442	2,925	773	2,538	8,036	2.75
96-97	.28667	2,152	617	1,843	5,498	2.55
97-98	.30882	1,535	474	1,298	3,655	2.38
98-99	.33166	1,061	352	885	2,357	2.22
99-100	.35599	709	252	583	1,472	2.07
100-101	.38061	457	174	370	889	1.95
101-102	.40435	283	115	226	519	1.83
102-103	.42600	168	71	133	293	1.74
103-104	.44506	97	43	75	160	1.66
104-105	.46232	54	25	41	85	1.59
105-106	.47854	29	14	22	44	1.52
106-107	.49451	15	7	11	22	1.46
107-108	.51100	8	4	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00252. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.52 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,040 will complete the first year of life and enter the second; 96,784 will begin the third year; 94,403 will reach age 21; and 40,850 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,960 die in the first year of life, 256 in the second year, 238 in the twenty-second year, and 2,989 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,284. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,284 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,635,391 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,648,959.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,284 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,403 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,635,391) is the total number of years lived after attaining age 21 by the 94,403 reaching that age. This number of years divided by the number of persons (4,635,391 divided by 94,403) gives 49.10 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Illinois

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Illinois Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.01 years for white males and 71.64 years for white females. This State ranks 32d among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: ILLINOIS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02762	100,000	2,762	97,571	6,600,541	66.01
1-2	.00181	97,238	176	97,150	6,502,970	66.88
2-3	.00127	97,062	123	97,000	6,405,820	66.00
3-4	.00097	96,939	94	96,892	6,308,820	65.08
4-5	.00077	96,845	75	96,807	6,211,928	64.14
5-6	.00072	96,770	70	96,735	6,115,121	63.19
6-7	.00067	96,700	64	96,668	6,018,386	62.24
7-8	.00063	96,636	61	96,605	5,921,718	61.28
8-9	.00060	96,575	58	96,546	5,825,113	60.32
9-10	.00059	96,517	57	96,488	5,728,567	59.35
10-11	.00059	96,460	57	96,431	5,632,079	58.39
11-12	.00062	96,403	60	96,373	5,535,648	57.42
12-13	.00067	96,343	64	96,311	5,439,275	56.46
13-14	.00076	96,279	74	96,242	5,342,964	55.49
14-15	.00090	96,205	86	96,162	5,246,722	54.54
15-16	.00105	96,119	101	96,068	5,150,560	53.59
16-17	.00119	96,018	114	95,961	5,054,492	52.64
17-18	.00130	95,904	125	95,841	4,958,531	51.70
18-19	.00138	95,779	132	95,713	4,862,690	50.77
19-20	.00144	95,647	138	95,578	4,766,977	49.84
20-21	.00148	95,509	141	95,438	4,671,399	48.91
21-22	.00151	95,368	144	95,296	4,575,961	47.98
22-23	.00154	95,224	147	95,150	4,480,665	47.05
23-24	.00155	95,077	147	95,003	4,385,515	46.13
24-25	.00154	94,930	146	94,857	4,290,512	45.20
25-26	.00153	94,784	145	94,711	4,195,655	44.27
26-27	.00152	94,639	144	94,567	4,100,944	43.33
27-28	.00154	94,495	146	94,422	4,006,377	42.40
28-29	.00157	94,349	148	94,275	3,911,955	41.46
29-30	.00161	94,201	152	94,125	3,817,680	40.53
30-31	.00166	94,049	156	93,971	3,723,555	39.59
31-32	.00175	93,893	164	93,811	3,629,584	38.66
32-33	.00187	93,729	175	93,641	3,535,773	37.72
33-34	.00203	93,554	190	93,459	3,442,132	36.79
34-35	.00223	93,364	208	93,260	3,348,673	35.87
35-36	.00246	93,156	230	93,041	3,255,413	34.95
36-37	.00272	92,926	252	92,800	3,162,372	34.03
37-38	.00303	92,674	281	92,533	3,069,572	33.12
38-39	.00338	92,393	312	92,237	2,977,039	32.22
39-40	.00376	92,081	347	91,907	2,884,802	31.33
40-41	.00419	91,734	384	91,542	2,792,895	30.45
41-42	.00465	91,350	425	91,138	2,701,353	29.57
42-43	.00516	90,925	469	90,691	2,610,215	28.71
43-44	.00569	90,456	515	90,199	2,519,524	27.85
44-45	.00625	89,941	562	89,660	2,429,325	27.01
45-46	.00686	89,379	613	89,073	2,339,665	26.18
46-47	.00753	88,766	668	88,432	2,250,592	25.35
47-48	.00829	88,098	731	87,732	2,162,160	24.54
48-49	.00913	87,367	797	86,968	2,074,428	23.74
49-50	.01003	86,570	869	86,135	1,987,460	22.96
50-51	.01101	85,701	943	85,230	1,901,325	22.19
51-52	.01208	84,758	1,024	84,246	1,816,095	21.43
52-53	.01324	83,734	1,109	83,180	1,731,849	20.68
53-54	.01450	82,625	1,198	82,026	1,648,669	19.95
54-55	.01584	81,427	1,290	80,782	1,566,643	19.24

TABLE 1. LIFE TABLE FOR WHITE MALES: ILLINOIS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	$^o e_x$
55-56	•01727	80,137	1,384	79,445	1,485,861	18.54
56-57	•01880	78,753	1,480	78,013	1,406,416	17.86
57-58	•02042	77,273	1,578	76,484	1,328,403	17.19
58-59	•02211	75,695	1,674	74,858	1,251,919	16.54
59-60	•02388	74,021	1,767	73,138	1,177,061	15.90
60-61	•02574	72,254	1,860	71,324	1,103,923	15.28
61-62	•02775	70,394	1,954	69,417	1,032,599	14.67
62-63	•02991	68,440	2,047	67,417	963,182	14.07
63-64	•03220	66,393	2,137	65,324	895,765	13.49
64-65	•03461	64,256	2,224	63,144	830,441	12.92
65-66	•03717	62,032	2,306	60,879	767,297	12.37
66-67	•03995	59,726	2,386	58,533	706,418	11.83
67-68	•04299	57,340	2,465	56,107	647,885	11.30
68-69	•04622	54,875	2,536	53,607	591,778	10.78
69-70	•04960	52,339	2,596	51,041	538,171	10.28
70-71	•05324	49,743	2,649	48,418	487,130	9.79
71-72	•05728	47,094	2,697	45,745	438,712	9.32
72-73	•06181	44,397	2,744	43,025	392,967	8.85
73-74	•06675	41,653	2,781	40,262	349,942	8.40
74-75	•07203	38,872	2,800	37,472	309,680	7.97
75-76	•07778	36,072	2,805	34,669	272,208	7.55
76-77	•08413	33,267	2,799	31,867	237,539	7.14
77-78	•09121	30,468	2,779	29,078	205,672	6.75
78-79	•09919	27,689	2,747	26,316	176,594	6.38
79-80	•10796	24,942	2,692	23,596	150,278	6.03
80-81	•11731	22,250	2,610	20,945	126,682	5.69
81-82	•12698	19,640	2,494	18,393	105,737	5.38
82-83	•13674	17,146	2,345	15,973	87,344	5.09
83-84	•14628	14,801	2,165	13,719	71,371	4.82
84-85	•15577	12,636	1,968	11,652	57,652	4.56
85-86	•16565	10,668	1,767	9,784	46,000	4.31
86-87	•17639	8,901	1,570	8,116	36,216	4.07
87-88	•18843	7,331	1,382	6,640	28,100	3.83
88-89	•20215	5,949	1,202	5,348	21,460	3.61
89-90	•21724	4,747	1,031	4,231	16,112	3.39
90-91	•23315	3,716	867	3,282	11,881	3.20
91-92	•24934	2,849	710	2,494	8,599	3.02
92-93	•26524	2,139	567	1,855	6,105	2.86
93-94	•28086	1,572	442	1,351	4,250	2.71
94-95	•29655	1,130	335	963	2,899	2.57
95-96	•31234	795	248	671	1,936	2.44
96-97	•32824	547	180	457	1,265	2.32
97-98	•34425	367	126	304	808	2.21
98-99	•36037	241	87	197	504	2.10
99-100	•37660	154	58	125	307	2.00
100-101	•39293	96	38	77	182	1.91
101-102	•40940	58	24	46	105	1.83
102-103	•42600	34	14	27	59	1.74
103-104	•44279	20	9	15	32	1.67
104-105	•45977	11	5	8	17	1.59
105-106	•47684	6	3	5	9	1.52
106-107	•49395	3	1	2	4	1.46
107-108	•51100	2	1	1	2	1.40
108-109	•52810	1	1	1	1	1.35
109-110	•54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE-TABLE FOR WHITE FEMALES: ILLINOIS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	.002150	100,000	2,150	98,142	7,164,083	71.64
1-2	.00154	97,850	151	97,775	7,065,941	72.21
2-3	.00089	97,699	87	97,656	6,968,166	71.32
3-4	.00069	97,612	67	97,579	6,870,510	70.39
4-5	.00057	97,545	56	97,517	6,772,931	69.43
5-6	.00052	97,489	50	97,464	6,675,414	68.47
6-7	.00047	97,439	46	97,416	6,577,950	67.51
7-8	.00044	97,393	43	97,371	6,480,534	66.54
8-9	.00041	97,350	40	97,330	6,383,163	65.57
9-10	.00040	97,310	39	97,291	6,285,833	64.60
10-11	.00039	97,271	38	97,252	6,188,542	63.62
11-12	.00039	97,233	38	97,214	6,091,290	62.65
12-13	.00040	97,195	39	97,176	5,994,076	61.67
13-14	.00042	97,156	40	97,136	5,896,900	60.70
14-15	.00046	97,116	45	97,093	5,799,764	59.72
15-16	.00050	97,071	49	97,047	5,702,671	58.75
16-17	.00054	97,022	52	96,996	5,605,624	57.78
17-18	.00058	96,970	56	96,942	5,508,628	56.81
18-19	.00061	96,914	59	96,884	5,411,686	55.84
19-20	.00065	96,855	63	96,823	5,314,802	54.87
20-21	.00068	96,792	66	96,759	5,217,979	53.91
21-22	.00072	96,726	70	96,691	5,121,220	52.95
22-23	.00075	96,656	72	96,620	5,024,529	51.98
23-24	.00078	96,584	76	96,546	4,927,909	51.02
24-25	.00080	96,508	77	96,470	4,831,363	50.06
25-26	.00082	96,431	79	96,392	4,734,893	49.10
26-27	.00085	96,352	82	96,311	4,638,501	48.14
27-28	.00090	96,270	86	96,227	4,542,190	47.18
28-29	.00096	96,184	93	96,137	4,445,963	46.22
29-30	.00104	96,091	100	96,041	4,349,826	45.27
30-31	.00113	95,991	108	95,937	4,253,785	44.31
31-32	.00122	95,883	117	95,824	4,157,848	43.36
32-33	.00132	95,766	126	95,703	4,062,024	42.42
33-34	.00142	95,640	136	95,572	3,966,321	41.47
34-35	.00152	95,504	145	95,431	3,870,749	40.53
35-36	.00164	95,359	157	95,280	3,775,318	39.59
36-37	.00177	95,202	168	95,118	3,680,038	38.66
37-38	.00192	95,034	183	94,942	3,584,920	37.72
38-39	.00210	94,851	199	94,752	3,489,978	36.79
39-40	.00230	94,652	218	94,543	3,395,226	35.87
40-41	.00252	94,434	238	94,315	3,300,683	34.95
41-42	.00276	94,196	260	94,066	3,206,368	34.04
42-43	.00302	93,936	283	93,795	3,112,302	33.13
43-44	.00329	93,653	308	93,499	3,018,507	32.23
44-45	.00356	93,345	333	93,178	2,925,008	31.34
45-46	.00386	93,012	359	92,833	2,831,830	30.45
46-47	.00420	92,653	389	92,459	2,738,997	29.56
47-48	.00459	92,264	423	92,052	2,646,538	28.68
48-49	.00503	91,841	462	91,610	2,554,486	27.81
49-50	.00550	91,379	503	91,127	2,462,876	26.95
50-51	.00602	90,876	547	90,602	2,371,749	26.10
51-52	.00659	90,329	595	90,031	2,281,147	25.25
52-53	.00722	89,734	648	89,410	2,191,116	24.42
53-54	.00788	89,086	702	88,735	2,101,706	23.59
54-55	.00858	88,384	759	88,005	2,012,971	22.78

TABLE 2. LIFE TABLE FOR WHITE FEMALES: ILLINOIS, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
\bar{x} to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00934	87,625	818	87,216	1,924,966	21.97
56-57	.01019	86,807	885	86,365	1,837,750	21.17
57-58	.01117	85,922	959	85,443	1,751,385	20.38
58-59	.01226	84,963	1,042	84,442	1,665,942	19.61
59-60	.01345	83,921	1,129	83,357	1,581,500	18.85
60-61	.01475	82,792	1,221	82,182	1,498,143	18.10
61-62	.01617	81,571	1,319	80,912	1,415,961	17.36
62-63	.01773	80,252	1,423	79,541	1,335,049	16.64
63-64	.01936	78,829	1,526	78,066	1,255,508	15.93
64-65	.02104	77,303	1,626	76,490	1,177,442	15.23
65-66	.02289	75,677	1,733	74,811	1,100,952	14.55
66-67	.02500	73,944	1,848	73,020	1,026,141	13.88
67-68	.02748	72,096	1,981	71,105	953,121	13.22
68-69	.03028	70,115	2,123	69,053	882,016	12.58
69-70	.03334	67,992	2,267	66,858	812,963	11.96
70-71	.03672	65,725	2,414	64,518	746,105	11.35
71-72	.04047	63,311	2,562	62,030	681,587	10.77
72-73	.04466	60,749	2,713	59,393	619,557	10.20
73-74	.04920	58,036	2,855	56,608	560,164	9.65
74-75	.05404	55,181	2,982	53,690	503,556	9.13
75-76	.05933	52,199	3,097	50,650	449,866	8.62
76-77	.06518	49,102	3,201	47,502	399,216	8.13
77-78	.07174	45,901	3,293	44,255	351,714	7.66
78-79	.07908	42,608	3,369	40,924	307,459	7.22
79-80	.08711	39,239	3,418	37,530	266,535	6.79
80-81	.09572	35,821	3,429	34,106	229,005	6.39
81-82	.10478	32,392	3,394	30,695	194,899	6.02
82-83	.11420	28,998	3,312	27,342	164,204	5.66
83-84	.12362	25,686	3,175	24,099	136,862	5.33
84-85	.13311	22,511	2,996	21,013	112,763	5.01
85-86	.14320	19,515	2,795	18,117	91,750	4.70
86-87	.15441	16,720	2,582	15,429	73,633	4.40
87-88	.16724	14,138	2,364	12,956	58,204	4.12
88-89	.18219	11,774	2,145	10,701	45,248	3.84
89-90	.19890	9,629	1,915	8,671	34,547	3.59
90-91	.21666	7,714	1,672	6,878	25,876	3.35
91-92	.23473	6,042	1,418	5,333	18,998	3.14
92-93	.25238	4,624	1,167	4,041	13,665	2.95
93-94	.26964	3,457	932	2,991	9,624	2.78
94-95	.28699	2,525	725	2,163	6,633	2.63
95-96	.30440	1,800	548	1,526	4,470	2.48
96-97	.32182	1,252	403	1,051	2,944	2.35
97-98	.33921	849	288	705	1,893	2.23
98-99	.35660	561	200	461	1,188	2.12
99-100	.37401	361	135	294	727	2.01
100-101	.39141	226	88	182	433	1.92
101-102	.40876	138	57	109	251	1.83
102-103	.42600	81	34	64	142	1.74
103-104	.44311	47	21	36	78	1.67
104-105	.46013	26	12	20	42	1.59
105-106	.47709	14	7	11	22	1.52
106-107	.49403	7	3	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00151. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.51 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,238 will complete the first year of life and enter the second; 97,062 will begin the third year; 95,368 will reach age 21; and 36,072 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,762 die in the first year of life, 176 in the second year, 144 in the twenty-second year, and 2,805 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,296. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,296 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,575,961 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,600,541.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,296 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,368 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,575,961) is the total number of years lived after attaining age 21 by the 95,368 reaching that age. This number of years divided by the number of persons (4,575,961 divided by 95,368) gives 47.98 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Indiana

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Indiana Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.43 years for white males and 71.91 years for white females. This State ranks 25th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.5	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: INDIANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.03052	100,000	3,052	97,316	6,642,799	66.43
1-2	.00202	96,948	196	96,850	6,545,483	67.52
2-3	.00133	96,752	129	96,688	6,448,633	66.65
3-4	.00116	96,623	112	96,567	6,351,945	65.74
4-5	.00096	96,511	92	96,465	6,255,378	64.82
5-6	.00086	96,419	83	96,377	6,158,913	63.88
6-7	.00078	96,336	75	96,298	6,062,536	62.93
7-8	.00073	96,261	71	96,226	5,966,238	61.98
8-9	.00070	96,190	67	96,157	5,870,012	61.03
9-10	.00069	96,123	66	96,090	5,773,855	60.07
10-11	.00070	96,057	67	96,023	5,677,765	59.11
11-12	.00074	95,990	72	95,954	5,581,742	58.15
12-13	.00081	95,918	77	95,880	5,485,788	57.19
13-14	.00092	95,841	88	95,797	5,389,908	56.24
14-15	.00106	95,753	102	95,702	5,294,111	55.29
15-16	.00123	95,651	118	95,592	5,198,409	54.35
16-17	.00139	95,533	132	95,467	5,102,817	53.41
17-18	.00151	95,401	144	95,329	5,007,350	52.49
18-19	.00160	95,257	153	95,180	4,912,021	51.57
19-20	.00168	95,104	160	95,024	4,816,841	50.65
20-21	.00174	94,944	165	94,862	4,721,817	49.73
21-22	.00178	94,779	168	94,695	4,626,955	48.82
22-23	.00181	94,611	172	94,525	4,532,260	47.90
23-24	.00182	94,439	172	94,353	4,437,735	46.99
24-25	.00180	94,267	169	94,183	4,343,382	46.08
25-26	.00177	94,098	167	94,014	4,249,199	45.16
26-27	.00175	93,931	164	93,849	4,155,185	44.24
27-28	.00175	93,767	164	93,685	4,061,336	43.31
28-29	.00177	93,603	166	93,520	3,967,651	42.39
29-30	.00180	93,437	168	93,353	3,874,131	41.46
30-31	.00184	93,269	172	93,183	3,780,778	40.54
31-32	.00190	93,097	177	93,009	3,687,595	39.61
32-33	.00200	92,920	186	92,827	3,594,586	38.68
33-34	.00213	92,734	197	92,636	3,501,759	37.76
34-35	.00228	92,537	211	92,431	3,409,123	36.84
35-36	.00247	92,326	228	92,212	3,316,692	35.92
36-37	.00268	92,098	247	91,975	3,224,480	35.01
37-38	.00292	91,851	268	91,717	3,132,505	34.10
38-39	.00318	91,583	291	91,437	3,040,788	33.20
39-40	.00347	91,292	317	91,133	2,949,351	32.31
40-41	.00378	90,975	344	90,803	2,858,218	31.42
41-42	.00415	90,631	376	90,443	2,767,415	30.53
42-43	.00459	90,255	414	90,048	2,676,972	29.66
43-44	.00510	89,841	459	89,612	2,586,924	28.79
44-45	.00568	89,382	507	89,129	2,497,312	27.94
45-46	.00632	88,875	562	88,594	2,408,183	27.10
46-47	.00699	88,313	617	88,004	2,319,589	26.27
47-48	.00769	87,696	675	87,359	2,231,585	25.45
48-49	.00840	87,021	731	86,656	2,144,226	24.64
49-50	.00912	86,290	787	85,897	2,057,570	23.84
50-51	.00989	85,503	845	85,081	1,971,673	23.06
51-52	.01074	84,658	909	84,203	1,886,592	22.28
52-53	.01171	83,749	981	83,258	1,802,389	21.52
53-54	.01280	82,768	1,060	82,238	1,719,131	20.77
54-55	.01400	81,708	1,143	81,136	1,636,893	20.03

TABLE 1. LIFE TABLE FOR WHITE MALES: INDIANA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01528	80,565	1,232	79,949	1,555,757	19.31
56-57	.01664	79,333	1,320	78,673	1,475,808	18.60
57-58	.01807	78,013	1,409	77,309	1,397,135	17.91
58-59	.01952	76,604	1,496	75,856	1,319,826	17.23
59-60	.02099	75,108	1,576	74,320	1,243,970	16.56
60-61	.02256	73,532	1,659	72,702	1,169,650	15.91
61-62	.02429	71,873	1,746	71,000	1,096,948	15.26
62-63	.02625	70,127	1,841	69,207	1,025,948	14.63
63-64	.02845	68,286	1,942	67,315	956,741	14.01
64-65	.03085	66,344	2,047	65,320	889,426	13.41
65-66	.03343	64,297	2,150	63,222	824,106	12.82
66-67	.03618	62,147	2,248	61,023	760,884	12.24
67-68	.03907	59,899	2,340	58,729	699,861	11.68
68-69	.04191	57,559	2,413	56,353	641,132	11.14
69-70	.04471	55,146	2,465	53,914	584,779	10.60
70-71	.04776	52,681	2,516	51,423	530,865	10.08
71-72	.05137	50,165	2,577	48,876	479,442	9.56
72-73	.05584	47,588	2,657	46,259	430,566	9.05
73-74	.06129	44,931	2,754	43,554	384,307	8.55
74-75	.06752	42,177	2,848	40,753	340,753	8.08
75-76	.07434	39,329	2,924	37,867	300,000	7.63
76-77	.08157	36,405	2,969	34,920	262,133	7.20
77-78	.08902	33,436	2,977	31,947	227,213	6.80
78-79	.09627	30,459	2,932	28,993	195,266	6.41
79-80	.10345	27,527	2,848	26,105	166,273	6.04
80-81	.11117	24,679	2,743	23,307	140,170	5.68
81-82	.12007	21,936	2,634	20,619	116,863	5.33
82-83	.13076	19,302	2,524	18,040	95,244	4.99
83-84	.14410	16,778	2,418	15,569	78,204	4.66
84-85	.15967	14,360	2,293	13,214	62,635	4.36
85-86	.17619	12,067	2,126	11,004	49,421	4.10
86-87	.19238	9,941	1,912	8,985	38,417	3.86
87-88	.20695	8,029	1,662	7,198	29,432	3.67
88-89	.21930	6,367	1,396	5,669	22,234	3.49
89-90	.23028	4,971	1,145	4,399	16,565	3.33
90-91	.24081	3,826	921	3,365	12,166	3.18
91-92	.25179	2,905	732	2,539	8,801	3.03
92-93	.26415	2,173	574	1,886	6,262	2.88
93-94	.27804	1,599	444	1,377	4,576	2.74
94-95	.29285	1,155	339	986	2,999	2.60
95-96	.30834	816	251	691	2,013	2.47
96-97	.32428	565	183	473	1,522	2.34
97-98	.34044	382	130	317	849	2.23
98-99	.35697	252	90	207	532	2.12
99-100	.37402	162	61	132	325	2.01
100-101	.39137	101	39	81	193	1.92
101-102	.40878	62	26	49	112	1.83
102-103	.42600	36	15	29	63	1.74
103-104	.44304	21	9	16	34	1.67
104-105	.46004	12	6	9	18	1.59
105-106	.47703	6	3	5	9	1.52
106-107	.49401	3	1	2	4	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: INDIANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02298	100,000	2,298	98,014	7,190,989	71.91
1-2	.00181	97,702	177	97,614	7,092,975	72.60
2-3	.00105	97,525	102	97,474	6,995,361	71.73
3-4	.00091	97,423	89	97,378	6,897,887	70.80
4-5	.00075	97,334	73	97,298	6,800,509	69.87
5-6	.00066	97,261	64	97,229	6,703,211	68.92
6-7	.00058	97,197	56	97,169	6,605,982	67.96
7-8	.00053	97,141	52	97,115	6,508,813	67.00
8-9	.00049	97,089	48	97,065	6,411,698	66.04
9-10	.00047	97,041	45	97,019	6,314,633	65.07
10-11	.00047	96,996	46	96,973	6,217,614	64.10
11-12	.00047	96,950	45	96,927	6,120,641	63.13
12-13	.00048	96,905	47	96,881	6,023,714	62.16
13-14	.00050	96,858	48	96,834	5,926,833	61.19
14-15	.00054	96,810	53	96,784	5,829,999	60.22
15-16	.00059	96,757	57	96,729	5,733,215	59.25
16-17	.00064	96,700	61	96,669	5,636,486	58.29
17-18	.00068	96,639	66	96,606	5,539,817	57.32
18-19	.00071	96,573	69	96,539	5,443,211	56.36
19-20	.00074	96,504	71	96,469	5,346,672	55.40
20-21	.00077	96,433	74	96,396	5,250,203	54.44
21-22	.00079	96,359	77	96,321	5,153,807	53.49
22-23	.00083	96,282	79	96,242	5,057,486	52.53
23-24	.00087	96,203	84	96,161	4,961,244	51.57
24-25	.00092	96,119	89	96,075	4,865,083	50.62
25-26	.00098	96,030	94	95,983	4,769,008	49.66
26-27	.00103	95,936	99	95,887	4,673,025	48.71
27-28	.00108	95,837	103	95,786	4,577,138	47.76
28-29	.00112	95,734	107	95,680	4,481,352	46.81
29-30	.00115	95,627	110	95,572	4,385,672	45.86
30-31	.00118	95,517	113	95,460	4,290,100	44.91
31-32	.00124	95,404	118	95,345	4,194,640	43.97
32-33	.00132	95,286	126	95,223	4,099,295	43.02
33-34	.00144	95,160	137	95,091	4,004,072	42.08
34-35	.00159	95,023	151	94,947	3,908,981	41.14
35-36	.00177	94,872	168	94,788	3,814,034	40.20
36-37	.00194	94,704	184	94,612	3,719,246	39.27
37-38	.00211	94,520	199	94,421	3,624,634	38.35
38-39	.00226	94,321	213	94,214	3,530,213	37.43
39-40	.00240	94,108	226	93,995	3,435,999	36.51
40-41	.00255	93,882	240	93,762	3,342,004	35.60
41-42	.00272	93,642	254	93,515	3,248,242	34.69
42-43	.00293	93,388	274	93,251	3,154,727	33.78
43-44	.00319	93,114	297	92,966	3,061,476	32.88
44-45	.00348	92,817	323	92,656	2,968,510	31.98
45-46	.00380	92,494	351	92,318	2,875,854	31.09
46-47	.00414	92,143	382	91,952	2,783,536	30.21
47-48	.00449	91,761	412	91,555	2,691,584	29.33
48-49	.00483	91,349	441	91,128	2,600,029	28.46
49-50	.00516	90,908	469	90,673	2,508,901	27.60
50-51	.00552	90,439	499	90,189	2,418,228	26.74
51-52	.00594	89,940	535	89,672	2,328,039	25.88
52-53	.00647	89,405	578	89,116	2,238,367	25.04
53-54	.00710	88,827	631	88,511	2,149,251	24.20
54-55	.00782	88,196	690	87,851	2,060,740	23.37

TABLE 2. LIFE TABLE FOR WHITE FEMALES: INDIANA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00861	87,506	753	87,130	1,972,889	22.55
56-57	.00947	86,753	822	86,342	1,885,759	21.74
57-58	.01041	85,931	894	85,484	1,799,417	20.94
58-59	.01142	85,037	971	84,551	1,713,933	20.16
59-60	.01250	84,066	1,051	83,540	1,629,382	19.38
60-61	.01366	83,015	1,134	82,448	1,545,842	18.62
61-62	.01489	81,881	1,219	81,271	1,463,394	17.87
62-63	.01622	80,662	1,309	80,008	1,382,123	17.13
63-64	.01751	79,353	1,389	78,659	1,302,115	16.41
64-65	.01877	77,964	1,463	77,232	1,223,456	15.69
65-66	.02017	76,501	1,543	75,729	1,146,224	14.98
66-67	.02189	74,958	1,641	74,137	1,070,495	14.28
67-68	.02412	73,317	1,769	72,433	996,358	13.59
68-69	.02684	71,548	1,920	70,588	923,925	12.91
69-70	.02993	69,628	2,084	68,586	853,337	12.26
70-71	.03342	67,544	2,257	66,415	784,751	11.62
71-72	.03730	65,287	2,435	64,069	718,336	11.00
72-73	.04160	62,852	2,615	61,544	654,267	10.41
73-74	.04625	60,237	2,786	58,844	592,723	9.84
74-75	.05125	57,451	2,944	55,979	533,879	9.29
75-76	.05669	54,507	3,090	52,962	477,900	8.77
76-77	.06265	51,417	3,222	49,806	424,938	8.26
77-78	.06925	48,195	3,337	46,527	375,132	7.78
78-79	.07650	44,858	3,432	43,142	328,605	7.33
79-80	.08435	41,426	3,494	39,679	285,463	6.89
80-81	.09275	37,932	3,518	36,173	245,784	6.48
81-82	.10165	34,414	3,498	32,665	209,611	6.09
82-83	.11101	30,916	3,432	29,200	176,946	5.72
83-84	.12043	27,484	3,310	25,829	147,746	5.38
84-85	.12994	24,174	3,141	22,603	121,917	5.04
85-86	.14014	21,033	2,948	19,559	99,314	4.72
86-87	.15163	18,085	2,742	16,714	79,755	4.41
87-88	.16502	15,343	2,532	14,077	63,041	4.11
88-89	.18099	12,811	2,319	11,652	48,964	3.82
89-90	.19913	10,492	2,089	9,448	37,312	3.56
90-91	.21843	8,403	1,835	7,485	27,864	3.32
91-92	.23785	6,568	1,563	5,786	20,379	3.10
92-93	.25637	5,005	1,283	4,364	14,593	2.92
93-94	.27393	3,722	1,019	3,212	10,229	2.75
94-95	.29121	2,703	787	2,309	7,017	2.60
95-96	.30831	1,916	591	1,620	4,708	2.46
96-97	.32529	1,325	431	1,109	3,088	2.33
97-98	.34224	894	306	741	1,979	2.21
98-99	.35911	588	211	482	1,238	2.11
99-100	.37584	377	142	306	756	2.01
100-101	.39251	235	92	189	450	1.91
101-102	.40920	143	59	114	261	1.83
102-103	.42600	84	36	66	147	1.74
103-104	.44292	48	21	38	81	1.67
104-105	.45991	27	12	21	43	1.59
105-106	.47694	15	7	11	22	1.52
106-107	.49398	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00178. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.78 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,948 will complete the first year of life and enter the second; 96,752 will begin the third year; 94,779 will reach age 21; and 39,329 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,052 die in the first year of life, 196 in the second year, 168 in the twenty-second year, and 2,924 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,695. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,695 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,626,955 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,642,799.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,695 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,779 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,626,955) is the total number of years lived after attaining age 21 by the 94,779 reaching that age. This number of years divided by the number of persons (4,626,955 divided by 94,779) gives 48.82 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Iowa

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Iowa Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 68.19 years for white males and 73.69 years for white females. This State ranks fourth among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: IOWA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02915	100,000	2,915	97,436	6,819,276	68.19
1-2	.00211	97,085	205	96,983	6,721,840	69.24
2-3	.00107	96,880	104	96,828	6,624,857	68.38
3-4	.00100	96,776	96	96,728	6,528,029	67.46
4-5	.00095	96,680	92	96,634	6,431,301	66.52
5-6	.00080	96,588	77	96,549	6,334,667	65.58
6-7	.00069	96,511	67	96,477	6,238,118	64.64
7-8	.00063	96,444	61	96,414	6,141,641	63.68
8-9	.00060	96,383	58	96,354	6,045,227	62.72
9-10	.00060	96,325	57	96,297	5,948,873	61.76
10-11	.00063	96,268	61	96,237	5,852,576	60.79
11-12	.00068	96,207	65	96,174	5,756,339	59.83
12-13	.00074	96,142	72	96,106	5,660,165	58.87
13-14	.00083	96,070	79	96,031	5,564,059	57.92
14-15	.00096	95,991	92	95,945	5,468,028	56.96
15-16	.00109	95,899	105	95,846	5,372,083	56.02
16-17	.00122	95,794	117	95,736	5,276,237	55.08
17-18	.00133	95,677	127	95,613	5,180,501	54.15
18-19	.00141	95,550	135	95,483	5,084,888	53.22
19-20	.00148	95,415	141	95,345	4,989,405	52.29
20-21	.00154	95,274	147	95,201	4,894,060	51.37
21-22	.00158	95,127	150	95,052	4,798,859	50.45
22-23	.00161	94,977	153	94,900	4,703,807	49.53
23-24	.00162	94,824	154	94,747	4,608,907	48.60
24-25	.00160	94,670	151	94,595	4,514,160	47.68
25-26	.00158	94,519	149	94,444	4,419,565	46.76
26-27	.00157	94,370	149	94,295	4,325,121	45.83
27-28	.00157	94,221	148	94,147	4,230,826	44.90
28-29	.00159	94,073	149	93,999	4,136,679	43.97
29-30	.00163	93,924	153	93,847	4,042,680	43.04
30-31	.00167	93,771	157	93,693	3,948,833	42.11
31-32	.00173	93,614	162	93,533	3,855,140	41.18
32-33	.00181	93,452	169	93,368	3,761,607	40.25
33-34	.00190	93,283	177	93,194	3,668,239	39.32
34-35	.00201	93,106	187	93,012	3,575,045	38.40
35-36	.00214	92,919	199	92,819	3,482,033	37.47
36-37	.00229	92,720	212	92,614	3,389,214	36.55
37-38	.00245	92,508	227	92,394	3,296,600	35.64
38-39	.00262	92,281	242	92,160	3,204,206	34.72
39-40	.00279	92,039	257	91,911	3,112,046	33.81
40-41	.00299	91,782	274	91,645	3,020,135	32.91
41-42	.00324	91,508	297	91,360	2,928,490	32.00
42-43	.00356	91,211	324	91,049	2,837,130	31.11
43-44	.00397	90,887	361	90,706	2,746,081	30.21
44-45	.00445	90,526	403	90,324	2,655,375	29.33
45-46	.00499	90,123	450	89,898	2,565,051	28.46
46-47	.00556	89,673	498	89,424	2,475,153	27.60
47-48	.00615	89,175	549	88,901	2,385,729	26.75
48-49	.00674	88,626	597	88,328	2,296,828	25.92
49-50	.00735	88,029	647	87,705	2,208,500	25.09
50-51	.00800	87,382	699	87,032	2,120,795	24.27
51-52	.00871	86,683	755	86,305	2,033,763	23.46
52-53	.00951	85,928	817	85,519	1,947,458	22.66
53-54	.01039	85,111	885	84,669	1,861,939	21.88
54-55	.01132	84,226	953	83,750	1,777,270	21.10

TABLE 1. LIFE TABLE FOR WHITE MALES: IOWA, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01233	83,273	1,027	82,760	1,693,520	20.34
56-57	.01345	82,246	1,106	81,693	1,610,760	19.58
57-58	.01471	81,140	1,194	80,543	1,529,067	18.84
58-59	.01611	79,946	1,287	79,302	1,448,524	18.12
59-60	.01762	78,659	1,386	77,966	1,369,222	17.41
60-61	.01926	77,273	1,489	76,528	1,291,256	16.71
61-62	.02099	75,784	1,590	74,989	1,214,728	16.03
62-63	.02282	74,194	1,694	73,347	1,139,739	15.36
63-64	.02465	72,500	1,787	71,607	1,066,392	14.71
64-65	.02648	70,713	1,872	69,777	994,785	14.07
65-66	.02846	68,841	1,959	67,861	925,008	13.44
66-67	.03073	66,882	2,056	65,854	857,147	12.82
67-68	.03344	64,826	2,167	63,742	791,293	12.21
68-69	.03656	62,659	2,291	61,513	727,551	11.61
69-70	.04001	60,368	2,416	59,160	666,038	11.03
70-71	.04380	57,952	2,538	56,683	606,878	10.47
71-72	.04798	55,414	2,659	54,085	550,195	9.93
72-73	.05259	52,755	2,774	51,368	496,110	9.40
73-74	.05750	49,981	2,874	48,544	444,742	8.90
74-75	.06269	47,107	2,953	45,630	396,198	8.41
75-76	.06835	44,154	3,018	42,645	350,568	7.94
76-77	.07463	41,136	3,070	39,601	307,923	7.49
77-78	.08173	38,066	3,111	36,510	268,322	7.05
78-79	.08963	34,955	3,133	33,388	231,812	6.63
79-80	.09823	31,822	3,126	30,259	198,424	6.24
80-81	.10751	28,696	3,085	27,153	168,165	5.86
81-82	.11751	25,611	3,010	24,106	141,012	5.51
82-83	.12822	22,601	2,898	21,152	116,906	5.17
83-84	.13989	19,703	2,756	18,325	95,754	4.86
84-85	.15253	16,947	2,585	15,655	77,429	4.57
85-86	.16574	14,362	2,380	13,172	61,774	4.30
86-87	.17917	11,982	2,147	10,908	48,602	4.06
87-88	.19244	9,835	1,893	8,889	37,694	3.83
88-89	.20536	7,942	1,631	7,127	28,805	3.63
89-90	.21817	6,311	1,377	5,623	21,678	3.43
90-91	.23117	4,934	1,140	4,364	16,055	3.25
91-92	.24463	3,794	928	3,330	11,691	3.08
92-93	.25885	2,866	742	2,495	8,361	2.92
93-94	.27394	2,124	582	1,833	5,866	2.76
94-95	.28973	1,542	447	1,319	4,033	2.61
95-96	.30601	1,095	335	928	2,714	2.48
96-97	.32260	760	245	638	1,786	2.35
97-98	.33932	515	175	428	1,148	2.23
98-99	.35629	340	121	280	720	2.12
99-100	.37363	219	82	178	440	2.01
100-101	.39115	137	53	110	262	1.92
101-102	.40867	84	35	66	152	1.83
102-103	.42600	49	21	39	86	1.74
103-104	.44311	28	12	22	47	1.67
104-105	.46012	16	7	12	25	1.59
105-106	.47708	9	5	6	13	1.52
106-107	.49403	4	2	3	7	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: IOWA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02087	100,000	2,087	98,197	7,369,034	73.69
1-2	.00159	97,913	156	97,835	7,270,837	74.26
2-3	.00094	97,757	92	97,711	7,173,002	73.38
3-4	.00073	97,665	71	97,630	7,075,291	72.44
4-5	.00059	97,594	57	97,565	6,977,661	71.50
5-6	.00051	97,537	50	97,512	6,880,096	70.54
6-7	.00045	97,487	44	97,465	6,782,584	69.57
7-8	.00041	97,443	40	97,423	6,685,119	68.61
8-9	.00038	97,403	37	97,384	6,587,696	67.63
9-10	.00036	97,366	35	97,348	6,490,312	66.66
10-11	.00036	97,331	35	97,313	6,392,964	65.68
11-12	.00036	97,296	35	97,278	6,295,651	64.71
12-13	.00038	97,261	37	97,242	6,198,373	63.73
13-14	.00041	97,224	40	97,204	6,101,131	62.75
14-15	.00046	97,184	45	97,162	6,003,927	61.78
15-16	.00052	97,139	50	97,114	5,906,765	60.81
16-17	.00057	97,089	56	97,061	5,809,651	59.84
17-18	.00062	97,033	60	97,003	5,712,590	58.87
18-19	.00066	96,973	64	96,941	5,615,587	57.91
19-20	.00069	96,909	67	96,876	5,518,646	56.95
20-21	.00072	96,842	69	96,808	5,421,770	55.99
21-22	.00075	96,773	73	96,736	5,324,962	55.03
22-23	.00077	96,700	74	96,663	5,228,226	54.07
23-24	.00078	96,626	76	96,588	5,131,563	53.11
24-25	.00078	96,550	75	96,513	5,034,975	52.15
25-26	.00078	96,475	75	96,437	4,938,462	51.19
26-27	.00079	96,400	76	96,362	4,842,025	50.23
27-28	.00081	96,324	78	96,285	4,745,663	49.27
28-29	.00084	96,246	81	96,205	4,649,378	48.31
29-30	.00088	96,165	85	96,122	4,553,173	47.35
30-31	.00093	96,080	89	96,035	4,457,051	46.39
31-32	.00099	95,991	95	95,943	4,361,016	45.43
32-33	.00106	95,896	102	95,845	4,265,073	44.48
33-34	.00115	95,794	110	95,739	4,169,228	43.52
34-35	.00124	95,684	119	95,625	4,073,489	42.57
35-36	.00135	95,565	129	95,501	3,977,864	41.62
36-37	.00147	95,436	140	95,366	3,882,363	40.68
37-38	.00159	95,296	152	95,220	3,786,997	39.74
38-39	.00170	95,144	161	95,064	3,691,777	38.80
39-40	.00181	94,983	172	94,897	3,596,713	37.87
40-41	.00193	94,811	183	94,719	3,501,816	36.93
41-42	.00207	94,628	196	94,530	3,407,097	36.01
42-43	.00227	94,432	214	94,325	3,312,567	35.08
43-44	.00253	94,218	239	94,098	3,218,242	34.16
44-45	.00283	93,979	266	93,846	3,124,144	33.24
45-46	.00317	93,713	297	93,565	3,030,298	32.34
46-47	.00351	93,416	328	93,252	2,936,733	31.44
47-48	.00384	93,088	357	92,910	2,843,481	30.55
48-49	.00413	92,731	383	92,539	2,750,571	29.66
49-50	.00441	92,348	407	92,144	2,658,032	28.78
50-51	.00469	91,941	432	91,725	2,565,888	27.91
51-52	.00501	91,509	458	91,280	2,474,163	27.04
52-53	.00539	91,051	491	90,806	2,382,883	26.17
53-54	.00582	90,560	527	90,297	2,292,077	25.31
54-55	.00629	90,033	566	89,750	2,201,780	24.46

TABLE 2. LIFE TABLE FOR WHITE FEMALES: IOWA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.00681	89,467	610	89,162	2,112,030	23.61
56-57	.00741	88,857	658	88,528	2,022,868	22.77
57-58	.00811	88,199	715	87,841	1,934,340	21.93
58-59	.00890	87,484	779	87,094	1,846,499	21.11
59-60	.00977	86,705	847	86,282	1,759,405	20.29
60-61	.01074	85,858	922	85,397	1,673,123	19.49
61-62	.01181	84,936	1,003	84,434	1,587,726	18.69
62-63	.01303	83,933	1,094	83,386	1,503,292	17.91
63-64	.01431	82,839	1,185	82,246	1,419,906	17.14
64-65	.01564	81,654	1,277	81,015	1,337,660	16.38
65-66	.01712	80,377	1,376	79,689	1,256,645	15.63
66-67	.01888	79,001	1,492	78,255	1,176,956	14.90
67-68	.02101	77,509	1,628	76,695	1,098,701	14.18
68-69	.02346	75,881	1,781	74,991	1,022,006	13.47
69-70	.02616	74,100	1,938	73,131	947,015	12.78
70-71	.02920	72,162	2,107	71,108	873,884	12.11
71-72	.03265	70,055	2,287	68,911	802,776	11.46
72-73	.03661	67,768	2,481	66,527	733,865	10.83
73-74	.04098	65,287	2,676	63,949	667,338	10.22
74-75	.04571	62,611	2,862	61,180	603,389	9.64
75-76	.05093	59,749	3,043	58,228	542,209	9.07
76-77	.05678	56,706	3,220	55,096	483,981	8.53
77-78	.06340	53,486	3,391	51,791	428,885	8.02
78-79	.07076	50,095	3,544	48,323	377,094	7.53
79-80	.07876	46,551	3,667	44,717	328,771	7.06
80-81	.08746	42,884	3,750	41,009	284,054	6.62
81-82	.09689	39,134	3,792	37,238	243,045	6.21
82-83	.10711	35,342	3,785	33,449	205,807	5.82
83-84	.11856	31,557	3,742	29,686	172,358	5.46
84-85	.13121	27,815	3,649	25,990	142,672	5.13
85-86	.14439	24,166	3,490	22,421	116,682	4.83
86-87	.15742	20,676	3,255	19,049	94,261	4.56
87-88	.16962	17,421	2,955	15,944	75,212	4.32
88-89	.18015	14,466	2,606	13,163	59,268	4.10
89-90	.18947	11,860	2,247	10,737	46,105	3.89
90-91	.19883	9,613	1,911	8,657	35,368	3.68
91-92	.20949	7,702	1,614	6,895	26,711	3.47
92-93	.22273	6,088	1,356	5,410	19,816	3.25
93-94	.23906	4,732	1,131	4,167	14,406	3.04
94-95	.25764	3,601	928	3,137	10,239	2.84
95-96	.27768	2,673	742	2,302	7,102	2.66
96-97	.29841	1,931	576	1,643	4,800	2.48
97-98	.31905	1,355	433	1,139	3,157	2.33
98-99	.34011	922	313	766	2,018	2.18
99-100	.36212	609	221	499	1,252	2.05
100-101	.38429	388	149	314	753	1.94
101-102	.40584	239	97	191	439	1.83
102-103	.42600	142	60	112	248	1.74
103-104	.44440	82	37	63	136	1.66
104-105	.46158	45	21	35	73	1.59
105-106	.47805	24	11	19	38	1.52
106-107	.49435	13	7	10	19	1.46
107-108	.51100	6	3	5	9	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00158. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.58 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,085 will complete the first year of life and enter the second; 96,880 will begin the third year; 95,127 will reach age 21; and 44,154 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,915 die in the first year of life, 205 in the second year, 150 in the twenty-second year, and 3,018 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,052. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,052 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,798,859 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,819,276.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,052 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,127 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,798,859) is the total number of years lived after attaining age 21 by the 95,127 reaching that age. This number of years divided by the number of persons (4,798,859 divided by 95,127) gives 50.45 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Kansas

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Kansas Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 67.98 years for white males and 73.70 years for white females. This State ranks fifth among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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1 White males -----	140
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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: KANSAS, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02795	100,000	2,795	97,542	6,798,046	67.98
1-2	0.0185	97,205	180	97,115	6,700,504	68.93
2-3	0.0126	97,025	122	96,964	6,603,389	68.06
3-4	0.0093	96,903	90	96,858	6,506,425	67.14
4-5	0.0092	96,813	89	96,768	6,409,567	66.21
5-6	0.0083	96,724	81	96,684	6,312,799	65.27
6-7	0.0076	96,643	73	96,607	6,216,115	64.32
7-8	0.0070	96,570	68	96,536	6,119,508	63.37
8-9	0.0066	96,502	63	96,471	6,022,972	62.41
9-10	0.0065	96,439	63	96,407	5,926,501	61.45
10-11	0.0066	96,376	64	96,344	5,830,094	60.49
11-12	0.0070	96,312	67	96,279	5,733,750	59.53
12-13	0.0077	96,245	74	96,208	5,637,471	58.57
13-14	0.0090	96,171	87	96,128	5,541,263	57.62
14-15	0.0108	96,084	103	96,032	5,445,135	56.67
15-16	0.0127	95,981	122	95,920	5,349,103	55.73
16-17	0.0145	95,859	139	95,789	5,253,183	54.80
17-18	0.0158	95,720	152	95,644	5,157,394	53.88
18-19	0.0159	95,568	152	95,492	5,061,750	52.96
19-20	0.0160	95,416	152	95,340	4,966,258	52.05
20-21	0.0161	95,264	154	95,187	4,870,918	51.13
21-22	0.0162	95,110	154	95,033	4,775,731	50.21
22-23	0.0164	94,956	155	94,879	4,680,698	49.29
23-24	0.0168	94,801	160	94,721	4,585,819	48.37
24-25	0.0174	94,641	164	94,559	4,491,098	47.45
25-26	0.0181	94,477	171	94,391	4,396,539	46.54
26-27	0.0187	94,306	177	94,218	4,302,148	45.62
27-28	0.0193	94,129	181	94,039	4,207,930	44.70
28-29	0.0197	93,948	185	93,855	4,113,891	43.79
29-30	0.0200	93,763	188	93,669	4,020,036	42.87
30-31	0.0202	93,575	189	93,481	3,926,367	41.96
31-32	0.0206	93,386	192	93,290	3,832,886	41.04
32-33	0.0213	93,194	199	93,094	3,739,596	40.13
33-34	0.0222	92,995	206	92,892	3,646,502	39.21
34-35	0.0232	92,789	216	92,681	3,553,610	38.30
35-36	0.0244	92,573	225	92,461	3,460,929	37.39
36-37	0.0258	92,348	239	92,228	3,368,468	36.48
37-38	0.0275	92,109	253	91,983	3,276,240	35.57
38-39	0.0294	91,856	270	91,721	3,184,257	34.67
39-40	0.0314	91,586	288	91,442	3,092,536	33.77
40-41	0.0338	91,298	308	91,144	3,001,094	32.87
41-42	0.0365	90,990	332	90,824	2,909,950	31.98
42-43	0.0398	90,658	361	90,477	2,819,126	31.10
43-44	0.0438	90,297	396	90,099	2,728,649	30.22
44-45	0.0483	89,901	434	89,684	2,638,550	29.35
45-46	0.0533	89,467	477	89,229	2,548,866	28.49
46-47	0.0585	88,990	520	88,730	2,459,637	27.64
47-48	0.0637	88,470	564	88,188	2,370,907	26.80
48-49	0.0686	87,906	603	87,605	2,282,719	25.97
49-50	0.0732	87,303	639	86,984	2,195,114	25.14
50-51	0.0782	86,664	678	86,325	2,108,130	24.33
51-52	0.0841	85,986	723	85,625	2,021,805	23.51
52-53	0.0916	85,263	781	84,873	1,936,180	22.71
53-54	0.1008	84,482	851	84,056	1,851,307	21.91
54-55	0.1113	83,631	931	83,165	1,767,251	21.13

TABLE 1. LIFE TABLE FOR WHITE MALES, KANSAS, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01228	82,700	1,016	82,192	1,684,086	20.36
56-57	.01352	81,684	1,104	81,132	1,601,894	19.61
57-58	.01480	80,580	1,193	79,984	1,520,762	18.87
58-59	.01609	79,387	1,277	78,749	1,440,778	18.15
59-60	.01739	78,110	1,358	77,431	1,362,029	17.44
60-61	.01879	76,752	1,443	76,031	1,284,598	16.74
61-62	.02036	75,309	1,533	74,543	1,208,567	16.05
62-63	.02216	73,776	1,635	72,959	1,134,024	15.37
63-64	.02418	72,141	1,744	71,269	1,061,065	14.71
64-65	.02637	70,397	1,856	69,469	989,796	14.06
65-66	.02877	68,541	1,972	67,555	920,327	13.43
66-67	.03139	66,569	2,090	65,524	852,772	12.81
67-68	.03427	64,479	2,210	63,374	787,248	12.21
68-69	.03731	62,269	2,323	61,108	723,874	11.62
69-70	.04050	59,946	2,428	58,732	662,766	11.06
70-71	.04398	57,518	2,529	56,253	604,034	10.50
71-72	.04789	54,989	2,634	53,672	547,781	9.96
72-73	.05238	52,355	2,742	50,984	494,109	9.44
73-74	.05743	49,613	2,849	48,188	443,125	8.93
74-75	.06295	46,764	2,944	45,292	394,937	8.45
75-76	.06896	43,820	3,022	42,309	349,645	7.98
76-77	.07550	40,798	3,080	39,258	307,336	7.53
77-78	.08259	37,718	3,115	36,160	268,078	7.11
78-79	.09023	34,603	3,123	33,042	231,918	6.70
79-80	.09840	31,480	3,097	29,932	198,876	6.32
80-81	.10711	28,383	3,040	26,863	168,944	5.95
81-82	.11637	25,343	2,949	23,868	142,081	5.61
82-83	.12618	22,394	2,826	20,981	118,213	5.28
83-84	.13637	19,568	2,669	18,234	97,232	4.97
84-85	.14692	16,899	2,482	15,658	78,998	4.67
85-86	.15811	14,417	2,280	13,277	63,340	4.39
86-87	.17023	12,137	2,066	11,104	50,063	4.12
87-88	.18354	10,071	1,848	9,147	38,959	3.87
88-89	.19851	8,223	1,633	7,406	29,812	3.63
89-90	.21495	6,590	1,416	5,882	22,406	3.40
90-91	.23217	5,174	1,201	4,573	16,524	3.19
91-92	.24949	3,973	992	3,477	11,951	3.01
92-93	.26623	2,981	793	2,585	8,474	2.84
93-94	.28232	2,188	618	1,879	5,889	2.69
94-95	.29822	1,570	468	1,336	4,010	2.55
95-96	.31403	1,102	346	929	2,674	2.43
96-97	.32983	756	249	631	1,745	2.31
97-98	.34573	507	176	419	1,114	2.20
98-99	.36166	331	119	271	695	2.10
99-100	.37756	212	80	172	424	2.00
100-101	.39351	132	52	106	252	1.91
101-102	.40963	80	33	64	146	1.82
102-103	.42600	47	20	37	82	1.74
103-104	.44270	27	12	21	45	1.67
104-105	.45966	15	7	12	24	1.59
105-106	.47677	8	4	6	12	1.52
106-107	.49392	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

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TABLE 2. LIFE TABLE FOR WHITE FEMALES, KANSAS, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02047	100,000	2,047	98,231	7,370,103	73.70
1-2	.00182	97,953	178	97,864	7,271,872	74.24
2-3	.00120	97,775	118	97,716	7,174,008	73.37
3-4	.00078	97,657	76	97,619	7,076,292	72.46
4-5	.00072	97,581	70	97,546	6,978,673	71.52
5-6	.00060	97,511	59	97,482	6,881,127	70.57
6-7	.00053	97,452	51	97,427	6,783,645	69.61
7-8	.00049	97,401	48	97,377	6,686,218	68.65
8-9	.00048	97,353	47	97,330	6,588,841	67.68
9-10	.00049	97,306	47	97,283	6,491,511	66.71
10-11	.00052	97,259	51	97,233	6,394,228	65.74
11-12	.00055	97,208	53	97,181	6,296,995	64.78
12-13	.00057	97,155	56	97,127	6,199,814	63.81
13-14	.00059	97,099	57	97,071	6,102,687	62.85
14-15	.00060	97,042	58	97,013	6,005,616	61.89
15-16	.00062	96,984	60	96,954	5,908,603	60.92
16-17	.00064	96,924	62	96,893	5,811,649	59.96
17-18	.00067	96,862	65	96,829	5,714,756	59.00
18-19	.00071	96,797	69	96,762	5,617,927	58.04
19-20	.00076	96,728	74	96,691	5,521,165	57.08
20-21	.00081	96,654	78	96,615	5,424,474	56.12
21-22	.00086	96,576	83	96,535	5,327,859	55.17
22-23	.00089	96,493	86	96,450	5,231,324	54.21
23-24	.00091	96,407	88	96,363	5,134,874	53.26
24-25	.00091	96,319	87	96,276	5,038,511	52.31
25-26	.00091	96,232	88	96,188	4,942,235	51.36
26-27	.00091	96,144	87	96,101	4,846,047	50.40
27-28	.00092	96,057	89	96,013	4,749,946	49.45
28-29	.00094	95,968	90	95,923	4,653,933	48.49
29-30	.00095	95,878	91	95,833	4,558,010	47.54
30-31	.00097	95,787	93	95,741	4,462,177	46.58
31-32	.00101	95,694	96	95,646	4,366,436	45.63
32-33	.00108	95,598	104	95,546	4,270,790	44.67
33-34	.00118	95,494	112	95,438	4,175,244	43.72
34-35	.00131	95,382	125	95,319	4,079,806	42.77
35-36	.00145	95,257	138	95,188	3,984,487	41.83
36-37	.00160	95,119	153	95,042	3,889,299	40.89
37-38	.00175	94,966	166	94,883	3,794,257	39.95
38-39	.00189	94,800	179	94,711	3,699,374	39.02
39-40	.00203	94,621	192	94,525	3,604,663	38.10
40-41	.00218	94,429	206	94,326	3,510,138	37.17
41-42	.00233	94,223	219	94,113	3,415,812	36.25
42-43	.00249	94,004	235	93,886	3,321,699	35.34
43-44	.00265	93,769	248	93,645	3,227,813	34.42
44-45	.00280	93,521	262	93,390	3,134,168	33.51
45-46	.00296	93,259	276	93,121	3,040,778	32.61
46-47	.00315	92,983	293	92,837	2,947,657	31.70
47-48	.00339	92,690	314	92,533	2,854,820	30.80
48-49	.00367	92,376	339	92,206	2,762,287	29.90
49-50	.00399	92,037	367	91,853	2,670,081	29.01
50-51	.00434	91,670	398	91,471	2,578,228	28.13
51-52	.00473	91,272	432	91,056	2,486,757	27.25
52-53	.00516	90,840	469	90,606	2,395,701	26.37
53-54	.00561	90,371	507	90,118	2,305,095	25.51
54-55	.00608	89,864	546	89,591	2,214,977	24.65

TABLE 2. LIFE TABLE FOR WHITE FEMALES: KANSAS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00659	89,518	589	89,024	2,125,586	23.80
56-57	.00719	88,729	638	88,410	2,036,362	22.95
57-58	.00790	88,091	695	87,744	1,947,952	22.11
58-59	.00872	87,396	763	87,014	1,860,208	21.28
59-60	.00963	86,633	834	86,216	1,773,194	20.47
60-61	.01064	85,799	913	85,343	1,686,978	19.66
61-62	.01174	84,886	996	84,388	1,601,635	18.87
62-63	.01293	83,890	1,085	83,347	1,517,247	18.09
63-64	.01411	82,805	1,168	82,221	1,433,900	17.32
64-65	.01528	81,637	1,248	81,013	1,351,679	16.56
65-66	.01660	80,389	1,334	79,722	1,270,666	15.81
66-67	.01822	79,055	1,441	78,335	1,190,944	15.06
67-68	.02031	77,614	1,576	76,826	1,112,609	14.34
68-69	.02287	76,038	1,739	75,169	1,035,783	13.62
69-70	.02579	74,299	1,916	73,341	960,614	12.93
70-71	.02906	72,383	2,104	71,331	887,273	12.26
71-72	.03270	70,279	2,298	69,130	815,942	11.61
72-73	.03670	67,981	2,495	66,734	746,812	10.99
73-74	.04100	65,486	2,685	64,144	680,078	10.39
74-75	.04561	62,801	2,864	61,369	615,934	9.81
75-76	.05061	59,937	3,033	58,420	554,565	9.25
76-77	.05607	56,904	3,191	55,308	496,145	8.72
77-78	.06208	53,713	3,334	52,046	440,837	8.21
78-79	.06832	50,379	3,442	48,658	388,791	7.72
79-80	.07475	46,937	3,509	45,182	340,133	7.25
80-81	.08182	43,428	3,553	41,652	294,951	6.79
81-82	.09001	39,875	3,589	38,080	253,299	6.35
82-83	.09978	36,286	3,621	34,475	215,219	5.93
83-84	.11185	32,665	3,653	30,838	180,744	5.53
84-85	.12592	29,012	3,654	27,185	149,906	5.17
85-86	.14090	25,358	3,573	23,572	122,721	4.84
86-87	.15569	21,785	3,391	20,090	99,149	4.55
87-88	.16922	18,394	3,113	16,837	79,059	4.30
88-89	.18062	15,281	2,760	13,901	62,222	4.07
89-90	.19063	12,521	2,387	11,328	48,321	3.86
90-91	.20051	10,134	2,032	9,118	36,993	3.65
91-92	.21156	8,102	1,714	7,245	27,875	3.44
92-93	.22506	6,388	1,438	5,669	20,630	3.23
93-94	.24148	4,950	1,195	4,353	14,961	3.02
94-95	.25997	3,755	976	3,267	10,608	2.82
95-96	.27982	2,779	778	2,390	7,541	2.64
96-97	.30029	2,001	601	1,701	4,951	2.47
97-98	.32067	1,400	449	1,176	3,250	2.32
98-99	.34144	951	325	789	2,074	2.18
99-100	.36308	626	227	513	1,285	2.05
100-101	.38487	399	154	322	772	1.93
101-102	.40608	245	99	196	450	1.83
102-103	.42600	146	62	115	254	1.74
103-104	.44430	84	38	65	139	1.66
104-105	.46146	46	21	36	74	1.59
105-106	.47798	25	12	19	38	1.52
106-107	.49433	13	6	10	19	1.46
107-108	.51100	7	4	5	9	1.40
108-109	.52810	3	1	2	4	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00162. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.62 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,205 will complete the first year of life and enter the second; 97,025 will begin the third year; 95,110 will reach age 21; and 43,820 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,795 die in the first year of life, 180 in the second year, 154 in the twenty-second year, and 3,022 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,033. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,033 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,775,731 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,798,046.

Column 7—Average remaining lifetime (e'_x).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,033 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,110 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,775,731) is the total number of years lived after attaining age 21 by the 95,110 reaching that age. This number of years divided by the number of persons (4,775,731 divided by 95,110) gives 50.21 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Kentucky

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Kentucky Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.68 years for white males, 71.28 years for white females, 57.26 years for nonwhite males, and 60.32 years for nonwhite females. This State ranks 41st among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
 (States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	57.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIVE TABLE FOR WHITE MALES: KENTUCKY, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03960	100,000	3,960	96,517	6,568,447	65.68
1-2	.00299	96,040	287	95,896	6,471,930	67.39
2-3	.00193	95,753	185	95,660	6,376,034	66.59
3-4	.00128	95,568	122	95,507	6,280,574	65.72
4-5	.00093	95,446	89	95,401	6,184,867	64.80
5-6	.00085	95,357	81	95,316	6,089,466	63.86
6-7	.00078	95,276	74	95,239	5,994,150	62.91
7-8	.00071	95,202	68	95,168	5,898,911	61.96
8-9	.00066	95,134	63	95,103	5,803,743	61.01
9-10	.00063	95,071	60	95,041	5,708,640	60.05
10-11	.00063	95,011	60	94,981	5,613,599	59.08
11-12	.00066	94,951	62	94,920	5,518,618	58.12
12-13	.00073	94,889	69	94,854	5,423,698	57.16
13-14	.00086	94,820	82	94,779	5,328,844	56.20
14-15	.00103	94,738	98	94,689	5,234,065	55.25
15-16	.00124	94,640	117	94,582	5,139,376	54.30
16-17	.00145	94,523	137	94,454	5,044,794	53.37
17-18	.00164	94,386	155	94,309	4,950,340	52.45
18-19	.00183	94,231	172	94,145	4,856,031	51.53
19-20	.00203	94,059	191	93,963	4,761,886	50.63
20-21	.00222	93,868	209	93,764	4,667,923	49.73
21-22	.00238	93,659	223	93,548	4,574,159	48.84
22-23	.00250	93,436	233	93,320	4,480,611	47.95
23-24	.00255	93,203	238	93,084	4,387,291	47.07
24-25	.00254	92,965	236	92,847	4,294,207	46.19
25-26	.00251	92,729	233	92,613	4,201,360	45.31
26-27	.00248	92,496	229	92,382	4,108,747	44.42
27-28	.00249	92,267	230	92,152	4,016,365	43.53
28-29	.00253	92,037	233	91,921	3,924,213	42.64
29-30	.00257	91,804	236	91,686	3,832,292	41.74
30-31	.00263	91,568	240	91,448	3,740,606	40.85
31-32	.00271	91,328	248	91,204	3,649,158	39.96
32-33	.00281	91,080	256	90,952	3,557,954	39.06
33-34	.00293	90,824	266	90,691	3,467,002	38.17
34-35	.00306	90,558	277	90,420	3,376,311	37.28
35-36	.00321	90,281	290	90,136	3,285,891	36.40
36-37	.00339	89,991	305	89,839	3,195,755	35.51
37-38	.00362	89,686	325	89,524	3,105,916	34.63
38-39	.00389	89,361	347	89,188	3,016,392	33.76
39-40	.00420	89,014	374	88,827	2,927,204	32.88
40-41	.00454	88,640	402	88,439	2,838,377	32.02
41-42	.00491	88,238	434	88,021	2,749,938	31.17
42-43	.00530	87,804	465	87,572	2,661,917	30.32
43-44	.00570	87,339	498	87,090	2,574,345	29.48
44-45	.00611	86,841	531	86,576	2,487,255	28.64
45-46	.00655	86,310	565	86,028	2,400,679	27.81
46-47	.00704	85,745	604	85,443	2,314,651	26.99
47-48	.00759	85,141	646	84,818	2,229,208	26.18
48-49	.00819	84,495	692	84,149	2,144,390	25.38
49-50	.00883	83,803	740	83,433	2,060,241	24.58
50-51	.00953	83,063	791	82,667	1,976,808	23.80
51-52	.01030	82,272	848	81,848	1,894,141	23.02
52-53	.01117	81,424	909	80,970	1,812,293	22.26
53-54	.01216	80,515	979	80,025	1,731,323	21.50
54-55	.01325	79,536	1,054	79,009	1,651,298	20.76

TABLE 1. LIFE TABLE FOR WHITE MALES: KENTUCKY, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01442	78,482	1,132	77,916	1,572,289	20.03
56-57	.01562	77,350	1,208	76,746	1,494,373	19.32
57-58	.01683	76,142	1,282	75,501	1,417,627	18.62
58-59	.01799	74,860	1,346	74,187	1,342,126	17.93
59-60	.01912	73,514	1,406	72,811	1,267,939	17.25
60-61	.02030	72,108	1,464	71,376	1,195,128	16.57
61-62	.02163	70,644	1,528	69,880	1,123,752	15.91
62-63	.02319	69,116	1,602	68,315	1,053,872	15.25
63-64	.02492	67,514	1,683	66,672	985,557	14.60
64-65	.02676	65,831	1,762	64,950	918,885	13.96
65-66	.02881	64,069	1,845	63,147	853,935	13.33
66-67	.03114	62,224	1,938	61,255	790,788	12.71
67-68	.03384	60,286	2,040	59,266	729,533	12.10
68-69	.03682	58,246	2,145	57,174	670,267	11.51
69-70	.04003	56,101	2,245	54,978	613,093	10.93
70-71	.04359	53,856	2,348	52,682	558,115	10.36
71-72	.04765	51,508	2,454	50,281	505,433	9.81
72-73	.05233	49,054	2,567	47,770	455,152	9.28
73-74	.05763	46,487	2,679	45,147	407,382	8.76
74-75	.06347	43,808	2,781	42,417	362,235	8.27
75-76	.06984	41,027	2,865	39,594	319,818	7.80
76-77	.07677	38,162	2,930	36,697	280,224	7.34
77-78	.08425	35,232	2,968	33,748	243,527	6.91
78-79	.09221	32,264	2,975	30,776	209,779	6.50
79-80	.10064	29,289	2,948	27,815	179,003	6.11
80-81	.10967	26,341	2,889	24,897	151,188	5.74
81-82	.11941	23,452	2,800	22,052	126,291	5.38
82-83	.12998	20,652	2,684	19,310	104,239	5.05
83-84	.14102	17,968	2,534	16,701	84,929	4.73
84-85	.15244	15,434	2,353	14,257	68,228	4.42
85-86	.16480	13,081	2,156	12,003	53,971	4.13
86-87	.17865	10,925	1,952	9,949	41,968	3.84
87-88	.19454	8,973	1,745	8,101	32,019	3.57
88-89	.21380	7,228	1,546	6,455	23,918	3.31
89-90	.23605	5,682	1,341	5,012	17,463	3.07
90-91	.25931	4,341	1,126	3,778	12,451	2.87
91-92	.28162	3,215	905	2,763	8,673	2.70
92-93	.30100	2,310	695	1,962	5,910	2.56
93-94	.31691	1,615	512	1,359	3,948	2.44
94-95	.33068	1,103	365	921	2,589	2.35
95-96	.34309	738	253	612	1,668	2.26
96-97	.35496	485	172	399	1,056	2.18
97-98	.36707	313	115	255	657	2.10
98-99	.37890	198	75	160	402	2.03
99-100	.38990	123	48	99	242	1.96
100-101	.40089	75	30	60	143	1.89
101-102	.41266	45	19	36	83	1.82
102-103	.42600	26	11	21	47	1.75
103-104	.44133	15	7	12	26	1.67
104-105	.45812	8	3	7	14	1.60
105-106	.47575	5	3	3	7	1.53
106-107	.49358	2	1	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: KENTUCKY, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03089	100,000	3,089	97,331	7,127,969	71.28
1-2	.00287	96,911	278	96,772	7,030,638	72.55
2-3	.00159	96,633	154	96,556	6,933,866	71.75
3-4	.00113	96,479	109	96,425	6,837,310	70.87
4-5	.00088	96,370	85	96,328	6,740,885	69.95
5-6	.00074	96,285	71	96,250	6,644,557	69.01
6-7	.00063	96,214	60	96,184	6,548,307	68.06
7-8	.00055	96,154	53	96,127	6,452,123	67.10
8-9	.00050	96,101	48	96,077	6,355,996	66.14
9-10	.00047	96,053	46	96,030	6,259,919	65.17
10-11	.00046	96,007	44	95,985	6,163,889	64.20
11-12	.00047	95,963	45	95,941	6,067,904	63.23
12-13	.00050	95,918	48	95,894	5,971,963	62.26
13-14	.00055	95,870	53	95,844	5,876,069	61.29
14-15	.00062	95,817	59	95,788	5,780,225	60.33
15-16	.00071	95,758	68	95,724	5,684,437	59.36
16-17	.00080	95,690	76	95,652	5,588,713	58.40
17-18	.00088	95,614	85	95,571	5,493,061	57.45
18-19	.00096	95,529	91	95,484	5,397,490	56.50
19-20	.00104	95,438	100	95,388	5,302,006	55.55
20-21	.00112	95,338	106	95,285	5,206,618	54.61
21-22	.00119	95,232	114	95,175	5,111,333	53.67
22-23	.00125	95,118	119	95,059	5,016,158	52.74
23-24	.00130	94,999	123	94,938	4,921,099	51.80
24-25	.00133	94,876	126	94,813	4,826,161	50.87
25-26	.00136	94,750	129	94,685	4,731,348	49.94
26-27	.00140	94,621	133	94,555	4,636,663	49.00
27-28	.00144	94,488	136	94,420	4,542,108	48.07
28-29	.00149	94,352	140	94,282	4,447,688	47.14
29-30	.00154	94,212	145	94,139	4,353,406	46.21
30-31	.00160	94,067	151	93,991	4,259,267	45.28
31-32	.00167	93,916	157	93,838	4,165,276	44.35
32-33	.00175	93,759	164	93,677	4,071,438	43.42
33-34	.00185	93,595	173	93,509	3,977,761	42.50
34-35	.00196	93,422	183	93,331	3,884,252	41.58
35-36	.00208	93,239	194	93,142	3,790,921	40.66
36-37	.00220	93,045	205	92,943	3,697,779	39.74
37-38	.00232	92,840	215	92,733	3,604,836	38.83
38-39	.00242	92,625	224	92,513	3,512,103	37.92
39-40	.00251	92,401	232	92,285	3,419,590	37.01
40-41	.00261	92,169	241	92,049	3,327,305	36.10
41-42	.00274	91,928	252	91,802	3,235,256	35.19
42-43	.00292	91,676	267	91,543	3,143,454	34.29
43-44	.00316	91,409	289	91,264	3,051,911	33.39
44-45	.00346	91,120	315	90,962	2,960,647	32.49
45-46	.00378	90,805	344	90,633	2,869,685	31.60
46-47	.00411	90,461	371	90,275	2,779,052	30.72
47-48	.00443	90,090	399	89,890	2,688,777	29.85
48-49	.00472	89,691	424	89,479	2,598,887	28.98
49-50	.00499	89,267	445	89,044	2,509,408	28.11
50-51	.00528	88,822	469	88,587	2,420,364	27.25
51-52	.00561	88,353	496	88,105	2,331,777	26.39
52-53	.00601	87,857	528	87,593	2,243,672	25.54
53-54	.00646	87,329	564	87,047	2,156,079	24.69
54-55	.00694	86,765	602	86,464	2,069,032	23.85

TABLE 2. LIFE TABLE FOR WHITE FEMALES: KENTUCKY, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00748	86,163	645	85,841	1,982,568	23.01
56-57	.00812	85,518	694	85,171	1,896,727	22.18
57-58	.00890	84,824	755	84,446	1,811,556	21.36
58-59	.00983	84,069	826	83,656	1,727,110	20.54
59-60	.01088	83,243	906	82,790	1,643,454	19.74
60-61	.01204	82,337	991	81,841	1,560,664	18.95
61-62	.01327	81,346	1,080	80,806	1,478,823	18.18
62-63	.01456	80,266	1,169	79,682	1,398,017	17.42
63-64	.01574	79,097	1,245	78,475	1,318,335	16.67
64-65	.01684	77,852	1,311	77,197	1,239,860	15.93
65-66	.01809	76,541	1,384	75,849	1,162,663	15.19
66-67	.01972	75,157	1,482	74,416	1,086,814	14.46
67-68	.02198	73,675	1,620	72,865	1,012,598	13.74
68-69	.02494	72,055	1,797	71,157	939,533	13.04
69-70	.02843	70,258	1,997	69,259	868,376	12.36
70-71	.03235	68,261	2,208	67,157	799,117	11.71
71-72	.03660	66,053	2,418	64,844	731,960	11.08
72-73	.04107	63,635	2,613	62,328	667,116	10.48
73-74	.04565	61,022	2,786	59,629	604,788	9.91
74-75	.05042	58,236	2,936	56,768	545,159	9.36
75-76	.05553	55,300	3,071	53,764	488,591	8.83
76-77	.06113	52,229	3,193	50,632	434,627	8.32
77-78	.06739	49,036	3,304	47,384	383,995	7.83
78-79	.07401	45,732	3,385	44,039	336,611	7.36
79-80	.08090	42,347	3,426	40,634	292,572	6.91
80-81	.08848	38,921	3,444	37,199	251,938	6.47
81-82	.09717	35,477	3,447	33,754	214,739	6.05
82-83	.10741	32,030	3,440	30,310	180,985	5.65
83-84	.11984	28,590	3,427	26,877	150,675	5.27
84-85	.13419	25,163	3,376	23,475	123,798	4.92
85-86	.14947	21,787	3,257	20,159	100,523	4.60
86-87	.16469	18,530	3,051	17,004	80,164	4.33
87-88	.17887	15,479	2,769	14,094	63,160	4.08
88-89	.19141	12,710	2,433	11,494	49,066	3.86
89-90	.20299	10,277	2,086	9,234	37,572	3.66
90-91	.21446	8,191	1,757	7,313	28,338	3.46
91-92	.22673	6,434	1,459	5,705	21,025	3.27
92-93	.24066	4,975	1,197	4,377	15,320	3.08
93-94	.25657	3,778	969	3,293	10,943	2.90
94-95	.27386	2,809	769	2,424	7,650	2.72
95-96	.29209	2,040	596	1,742	5,226	2.56
96-97	.31077	1,444	449	1,219	3,484	2.41
97-98	.32946	995	328	831	2,265	2.28
98-99	.34846	667	232	551	1,434	2.15
99-100	.36807	435	160	355	883	2.03
100-101	.38784	275	107	221	528	1.93
101-102	.40731	168	68	134	307	1.83
102-103	.42600	100	43	78	173	1.74
103-104	.44374	57	25	45	95	1.66
104-105	.46083	32	15	24	50	1.59
105-106	.47755	17	8	13	26	1.52
106-107	.49418	9	4	7	13	1.46
107-108	.51100	5	3	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: KENTUCKY, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.05380	100,000	5,380	95,516	5,725,943	57.26
1-2	.00457	94,620	432	94,404	5,630,427	59.51
2-3	.00248	94,188	234	94,071	5,536,023	58.78
3-4	.00192	93,954	180	93,864	5,441,952	57.92
4-5	.00165	93,774	155	93,696	5,348,088	57.03
5-6	.00159	93,619	149	93,544	5,254,392	56.13
6-7	.00149	93,470	139	93,400	5,160,848	55.21
7-8	.00138	93,331	129	93,266	5,067,448	54.30
8-9	.00127	93,202	118	93,143	4,974,182	53.37
9-10	.00116	93,084	108	93,030	4,881,039	52.44
10-11	.00108	92,976	101	92,925	4,788,009	51.50
11-12	.00104	92,875	96	92,827	4,695,084	50.55
12-13	.00106	92,779	99	92,729	4,602,257	49.60
13-14	.00113	92,680	104	92,628	4,509,528	48.66
14-15	.00124	92,576	115	92,518	4,416,900	47.71
15-16	.00140	92,461	130	92,396	4,324,382	46.77
16-17	.00160	92,331	147	92,257	4,231,986	45.83
17-18	.00185	92,184	171	92,098	4,139,729	44.91
18-19	.00218	92,013	201	91,913	4,047,631	43.99
19-20	.00260	91,812	238	91,693	3,955,718	43.08
20-21	.00304	91,574	279	91,435	3,864,025	42.20
21-22	.00347	91,295	316	91,137	3,772,590	41.32
22-23	.00383	90,979	349	90,804	3,681,453	40.46
23-24	.00412	90,630	373	90,443	3,590,649	39.62
24-25	.00437	90,257	395	90,059	3,500,206	38.78
25-26	.00459	89,862	412	89,656	3,410,147	37.95
26-27	.00478	89,450	428	89,236	3,320,491	37.12
27-28	.00497	89,022	442	88,801	3,231,255	36.30
28-29	.00512	88,580	454	88,353	3,142,454	35.48
29-30	.00522	88,126	460	87,896	3,054,101	34.66
30-31	.00532	87,666	466	87,433	2,966,205	33.84
31-32	.00545	87,200	475	86,962	2,878,772	33.01
32-33	.00566	86,725	491	86,479	2,791,810	32.19
33-34	.00593	86,234	512	85,978	2,705,331	31.37
34-35	.00623	85,722	534	85,455	2,619,353	30.56
35-36	.00658	85,188	560	84,908	2,533,898	29.74
36-37	.00701	84,628	593	84,331	2,448,990	28.94
37-38	.00752	84,035	632	83,719	2,364,659	28.14
38-39	.00811	83,403	677	83,064	2,280,940	27.35
39-40	.00875	82,726	724	82,364	2,197,876	26.57
40-41	.00949	82,002	778	81,613	2,115,512	25.80
41-42	.01032	81,224	838	80,805	2,033,899	25.04
42-43	.01129	80,386	908	79,932	1,953,094	24.30
43-44	.01241	79,478	986	78,985	1,873,162	23.57
44-45	.01366	78,492	1,072	77,956	1,794,177	22.86
45-46	.01502	77,420	1,163	76,838	1,716,221	22.17
46-47	.01644	76,257	1,254	75,630	1,639,383	21.50
47-48	.01790	75,003	1,342	74,332	1,563,753	20.85
48-49	.01940	73,661	1,429	72,946	1,489,421	20.22
49-50	.02096	72,232	1,514	71,475	1,416,475	19.61
50-51	.02257	70,718	1,596	69,920	1,345,000	19.02
51-52	.02422	69,122	1,674	68,285	1,275,080	18.45
52-53	.02590	67,448	1,747	66,574	1,206,795	17.89
53-54	.02762	65,701	1,815	64,793	1,140,221	17.35
54-55	.02939	63,886	1,878	62,947	1,075,428	16.83

TABLE 3. LIFE TABLE FOR NONWHITE MALES: KENTUCKY, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.03119	62,008	1,934	61,041	1,012,481	16.33
56-57	.03300	60,074	1,982	59,083	951,440	15.84
57-58	.03479	58,092	2,021	57,081	892,357	15.36
58-59	.03655	56,071	2,049	55,046	835,276	14.90
59-60	.03830	54,022	2,070	52,987	780,230	14.44
60-61	.04005	51,952	2,080	50,912	727,243	14.00
61-62	.04183	49,872	2,086	48,829	676,331	13.56
62-63	.04365	47,786	2,086	46,743	627,502	13.13
63-64	.04544	45,700	2,077	44,662	580,759	12.71
64-65	.04718	43,623	2,058	42,594	536,097	12.29
65-66	.04899	41,565	2,036	40,547	493,503	11.87
66-67	.05098	39,529	2,015	38,521	452,956	11.46
67-68	.05326	37,514	1,998	36,515	414,435	11.05
68-69	.05579	35,516	1,982	34,525	377,920	10.64
69-70	.05849	33,534	1,961	32,554	343,395	10.24
70-71	.06143	31,573	1,940	30,603	310,841	9.85
71-72	.06469	29,633	1,917	28,675	280,238	9.46
72-73	.06833	27,716	1,894	26,769	251,563	9.08
73-74	.07252	25,822	1,872	24,886	224,794	8.71
74-75	.07720	23,950	1,849	23,025	199,908	8.35
75-76	.08214	22,101	1,815	21,193	176,883	8.00
76-77	.08710	20,286	1,767	19,402	155,690	7.67
77-78	.09185	18,519	1,701	17,668	136,288	7.36
78-79	.09596	16,818	1,614	16,011	118,620	7.05
79-80	.09958	15,204	1,514	14,447	102,609	6.75
80-81	.10336	13,690	1,415	12,982	88,162	6.44
81-82	.10793	12,275	1,325	11,612	75,180	6.12
82-83	.11392	10,950	1,247	10,326	63,568	5.81
83-84	.12127	9,703	1,177	9,114	53,242	5.49
84-85	.12955	8,526	1,105	7,974	44,128	5.18
85-86	.13887	7,421	1,030	6,906	36,154	4.87
86-87	.14933	6,391	955	5,914	29,248	4.58
87-88	.16104	5,436	875	4,999	23,334	4.29
88-89	.17422	4,561	795	4,164	18,335	4.02
89-90	.18879	3,766	711	3,411	14,171	3.76
90-91	.20443	3,055	624	2,743	10,760	3.52
91-92	.22083	2,431	537	2,162	8,017	3.30
92-93	.23766	1,894	450	1,669	5,855	3.09
93-94	.25514	1,444	369	1,260	4,186	2.90
94-95	.27348	1,075	294	928	2,926	2.72
95-96	.29235	781	228	667	1,998	2.56
96-97	.31145	553	172	467	1,331	2.41
97-98	.33044	381	126	318	864	2.27
98-99	.34954	255	89	210	546	2.15
99-100	.36897	166	61	135	336	2.03
100-101	.38840	105	41	84	201	1.92
101-102	.40752	64	26	51	117	1.83
102-103	.42600	38	16	30	66	1.74
103-104	.44368	22	10	17	36	1.66
104-105	.46076	12	5	9	19	1.59
105-106	.47751	7	4	5	10	1.52
106-107	.49417	3	1	3	5	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: KENTUCKY, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.04422	100,000	4,422	96,353	6,031,607	60.32
1-2	.00430	95,578	411	95,373	5,935,254	62.10
2-3	.00246	95,167	234	95,050	5,839,881	61.36
3-4	.00147	94,933	140	94,863	5,744,831	60.51
4-5	.00112	94,793	106	94,740	5,649,968	59.60
5-6	.00111	94,687	105	94,635	5,555,228	58.67
6-7	.00106	94,582	100	94,532	5,460,593	57.73
7-8	.00097	94,482	92	94,436	5,366,061	56.79
8-9	.00088	94,390	83	94,349	5,271,625	55.85
9-10	.00080	94,307	75	94,269	5,177,276	54.90
10-11	.00075	94,232	71	94,196	5,083,007	53.94
11-12	.00077	94,161	73	94,125	4,988,811	52.98
12-13	.00086	94,088	80	94,048	4,894,686	52.02
13-14	.00108	94,008	102	93,957	4,800,638	51.07
14-15	.00142	93,906	133	93,839	4,706,681	50.12
15-16	.00179	93,773	168	93,689	4,612,842	49.19
16-17	.00214	93,605	200	93,505	4,519,153	48.28
17-18	.00239	93,405	224	93,293	4,425,648	47.38
18-19	.00249	93,181	232	93,065	4,332,355	46.49
19-20	.00250	92,949	232	92,833	4,239,290	45.61
20-21	.00250	92,717	232	92,601	4,146,457	44.72
21-22	.00251	92,485	232	92,369	4,053,856	43.83
22-23	.00261	92,253	241	92,133	3,961,487	42.94
23-24	.00283	92,012	260	91,882	3,869,354	42.05
24-25	.00312	91,752	286	91,609	3,777,472	41.17
25-26	.00346	91,466	317	91,307	3,685,863	40.30
26-27	.00381	91,149	347	90,975	3,594,556	39.44
27-28	.00414	90,802	376	90,614	3,503,581	38.58
28-29	.00445	90,426	403	90,225	3,412,967	37.74
29-30	.00475	90,023	427	89,810	3,322,742	36.91
30-31	.00506	89,596	453	89,369	3,232,932	36.08
31-32	.00538	89,143	480	88,903	3,143,563	35.26
32-33	.00573	88,663	508	88,409	3,054,660	34.45
33-34	.00610	88,155	538	87,886	2,966,251	33.65
34-35	.00648	87,617	568	87,333	2,878,365	32.85
35-36	.00688	87,049	599	86,750	2,791,032	32.06
36-37	.00730	86,450	631	86,135	2,704,282	31.28
37-38	.00774	85,819	664	85,487	2,618,147	30.51
38-39	.00819	85,155	697	84,806	2,532,660	29.74
39-40	.00864	84,458	730	84,093	2,447,854	28.98
40-41	.00912	83,728	764	83,346	2,363,761	28.23
41-42	.00966	82,964	801	82,564	2,280,415	27.49
42-43	.01028	82,163	845	81,741	2,197,851	26.75
43-44	.01100	81,318	894	80,871	2,116,110	26.02
44-45	.01180	80,424	949	79,949	2,035,239	25.31
45-46	.01266	79,475	1,006	78,972	1,955,290	24.60
46-47	.01356	78,469	1,064	77,937	1,876,318	23.91
47-48	.01451	77,405	1,123	76,843	1,798,381	23.23
48-49	.01548	76,282	1,181	75,691	1,721,538	22.57
49-50	.01649	75,101	1,239	74,481	1,645,847	21.92
50-51	.01755	73,862	1,296	73,214	1,571,366	21.27
51-52	.01867	72,566	1,355	71,889	1,498,152	20.65
52-53	.01987	71,211	1,415	70,504	1,426,263	20.03
53-54	.02118	69,796	1,478	69,057	1,355,759	19.42
54-55	.02259	68,318	1,543	67,546	1,286,702	18.83

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: KENTUCKY, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02406	66,775	1,607	65,971	1,219,156	18.26
56-57	.02553	65,168	1,664	64,336	1,153,185	17.70
57-58	.02697	63,504	1,712	62,648	1,088,849	17.15
58-59	.02833	61,792	1,751	60,916	1,026,201	16.61
59-60	.02966	60,041	1,781	59,151	965,285	16.08
60-61	.03099	58,260	1,805	57,357	906,134	15.55
61-62	.03238	56,455	1,828	55,541	848,777	15.03
62-63	.03389	54,627	1,852	53,701	793,236	14.52
63-64	.03545	52,775	1,870	51,840	739,535	14.01
64-65	.03704	50,905	1,886	49,962	687,695	13.51
65-66	.03874	49,019	1,899	48,070	637,733	13.01
66-67	.04061	47,120	1,914	46,163	589,663	12.51
67-68	.04276	45,206	1,933	44,240	543,500	12.02
68-69	.04507	43,273	1,950	42,298	499,260	11.54
69-70	.04749	41,323	1,962	40,342	456,962	11.06
70-71	.05017	39,361	1,975	38,373	416,620	10.58
71-72	.05327	37,386	1,992	36,390	378,247	10.12
72-73	.05695	35,394	2,015	34,387	341,857	9.66
73-74	.06136	33,379	2,048	32,355	307,470	9.21
74-75	.06639	31,331	2,080	30,291	275,115	8.78
75-76	.07181	29,251	2,101	28,200	244,824	8.37
76-77	.07740	27,150	2,101	26,099	216,624	7.98
77-78	.08292	25,049	2,077	24,010	190,525	7.61
78-79	.08809	22,972	2,024	21,960	166,515	7.25
79-80	.09307	20,948	1,950	19,973	144,555	6.90
80-81	.09827	18,998	1,867	18,065	124,582	6.56
81-82	.10411	17,131	1,783	16,240	106,517	6.22
82-83	.11100	15,348	1,704	14,496	90,277	5.88
83-84	.11876	13,644	1,620	12,834	75,781	5.55
84-85	.12713	12,024	1,529	11,260	62,947	5.24
85-86	.13636	10,495	1,431	9,780	51,687	4.92
86-87	.14670	9,064	1,330	8,399	41,907	4.62
87-88	.15842	7,734	1,225	7,122	33,508	4.33
88-89	.17173	6,509	1,118	5,950	26,386	4.05
89-90	.18647	5,391	1,005	4,889	20,436	3.79
90-91	.20230	4,386	887	3,942	15,547	3.54
91-92	.21890	3,499	766	3,116	11,605	3.32
92-93	.23592	2,733	645	2,410	8,489	3.11
93-94	.25360	2,088	529	1,823	6,079	2.91
94-95	.27214	1,559	425	1,346	4,256	2.73
95-96	.29123	1,134	330	969	2,910	2.56
96-97	.31053	804	250	679	1,941	2.41
97-98	.32971	554	182	463	1,262	2.27
98-99	.34899	372	130	307	799	2.15
99-100	.36859	242	89	197	492	2.03
100-101	.38818	153	60	123	295	1.92
101-102	.40742	93	38	74	172	1.83
102-103	.42600	55	23	44	98	1.74
103-104	.44372	32	14	25	54	1.66
104-105	.46081	18	8	14	29	1.59
105-106	.47754	10	5	7	15	1.52
106-107	.49418	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00238. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.38 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,040 will complete the first year of life and enter the second; 95,753 will begin the third year; 93,659 will reach age 21; and 41,027 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,960 die in the first year of life, 287 in the second year, 223 in the twenty-second year, and 2,865 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 93,548. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 93,548 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,574,159 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,568,447.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 93,548 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,659 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,574,159) is the total number of years lived after attaining age 21 by the 93,659 reaching that age. This number of years divided by the number of persons (4,574,159 divided by 93,659) gives 48.84 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Louisiana

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Louisiana Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.99 years for white males, 72.81 years for white females, 59.85 years for nonwhite males, and 63.02 years for nonwhite females. This State ranks 33d among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: LOUISIANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02913	100,000	2,913	97,438	6,599,034	65.99
1-2	.00226	97,087	219	96,977	6,501,596	66.97
2-3	.00129	96,868	125	96,805	6,404,619	66.12
3-4	.00116	96,743	113	96,687	6,307,814	65.20
4-5	.00089	96,630	86	96,587	6,211,127	64.28
5-6	.00080	96,544	77	96,506	6,114,540	63.33
6-7	.00072	96,467	69	96,432	6,018,034	62.38
7-8	.00065	96,398	63	96,366	5,921,602	61.43
8-9	.00060	96,335	58	96,306	5,825,236	60.47
9-10	.00056	96,277	54	96,250	5,728,930	59.50
10-11	.00055	96,223	53	96,197	5,632,680	58.54
11-12	.00057	96,170	54	96,143	5,536,483	57.57
12-13	.00061	96,116	59	96,086	5,440,340	56.60
13-14	.00069	96,057	66	96,024	5,344,254	55.64
14-15	.00082	95,991	79	95,951	5,248,230	54.67
15-16	.00096	95,912	92	95,866	5,152,279	53.72
16-17	.00111	95,820	106	95,767	5,056,413	52.77
17-18	.00125	95,714	120	95,654	4,960,646	51.83
18-19	.00139	95,594	133	95,527	4,864,992	50.89
19-20	.00154	95,461	147	95,388	4,769,465	49.96
20-21	.00169	95,314	161	95,233	4,674,077	49.04
21-22	.00181	95,153	172	95,067	4,578,844	48.12
22-23	.00189	94,981	180	94,891	4,483,777	47.21
23-24	.00190	94,801	180	94,711	4,388,886	46.30
24-25	.00186	94,621	176	94,533	4,294,175	45.38
25-26	.00180	94,445	170	94,360	4,199,642	44.47
26-27	.00175	94,275	165	94,193	4,105,282	43.55
27-28	.00174	94,110	164	94,028	4,011,089	42.62
28-29	.00176	93,946	165	93,864	3,917,061	41.69
29-30	.00180	93,781	169	93,697	3,823,197	40.77
30-31	.00186	93,612	174	93,525	3,729,500	39.84
31-32	.00195	93,438	182	93,347	3,635,975	38.91
32-33	.00208	93,256	194	93,159	3,542,628	37.99
33-34	.00225	93,062	209	92,957	3,449,469	37.07
34-35	.00246	92,853	229	92,738	3,356,512	36.15
35-36	.00269	92,624	249	92,500	3,263,774	35.24
36-37	.00294	92,375	272	92,239	3,171,274	34.33
37-38	.00320	92,103	294	91,956	3,079,035	33.43
38-39	.00343	91,809	315	91,651	2,987,079	32.54
39-40	.00365	91,494	334	91,327	2,895,428	31.65
40-41	.00390	91,160	356	90,982	2,804,101	30.76
41-42	.00422	90,804	383	90,613	2,713,119	29.88
42-43	.00466	90,421	421	90,210	2,622,506	29.00
43-44	.00524	90,000	472	89,764	2,532,296	28.14
44-45	.00593	89,528	531	89,263	2,442,532	27.28
45-46	.00671	88,997	597	88,699	2,353,269	26.44
46-47	.00753	88,400	666	88,067	2,264,570	25.62
47-48	.00838	87,734	735	87,367	2,176,503	24.81
48-49	.00923	86,999	803	86,598	2,089,136	24.01
49-50	.01010	86,196	870	85,761	2,002,538	23.23
50-51	.01102	85,326	941	84,855	1,916,777	22.46
51-52	.01204	84,385	1,016	83,877	1,831,922	21.71
52-53	.01319	83,369	1,099	82,819	1,748,045	20.97
53-54	.01449	82,270	1,192	81,674	1,665,226	20.24
54-55	.01593	81,078	1,292	80,432	1,583,552	19.53

TABLE 1. LIFE TABLE FOR WHITE MALES: LOUISIANA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01745	79,786	1,392	79,090	1,503,120	18.84
56-57	.01904	78,394	1,493	77,647	1,424,030	18.17
57-58	.02064	76,901	1,587	76,107	1,346,383	17.51
58-59	.02223	75,314	1,674	74,477	1,270,276	16.87
59-60	.02384	73,640	1,756	72,762	1,195,799	16.24
60-61	.02550	71,884	1,833	70,968	1,123,037	15.62
61-62	.02727	70,051	1,910	69,096	1,052,069	15.02
62-63	.02918	68,141	1,989	67,147	982,973	14.43
63-64	.03115	66,152	2,060	65,122	915,826	13.84
64-65	.03315	64,092	2,125	63,029	850,704	13.27
65-66	.03532	61,967	2,189	60,873	787,675	12.71
66-67	.03778	59,778	2,258	58,649	726,802	12.16
67-68	.04067	57,520	2,339	56,350	668,153	11.62
68-69	.04397	55,181	2,427	53,968	611,803	11.09
69-70	.04759	52,754	2,510	51,499	557,835	10.57
70-71	.05157	50,244	2,591	48,948	506,336	10.08
71-72	.05592	47,653	2,665	46,320	457,388	9.60
72-73	.06068	44,988	2,730	43,623	411,068	9.14
73-74	.06597	42,258	2,788	40,864	367,445	8.70
74-75	.07176	39,470	2,832	38,054	326,581	8.27
75-76	.07788	36,638	2,853	35,211	288,527	7.88
76-77	.08416	33,785	2,844	32,363	253,316	7.50
77-78	.09043	30,941	2,798	29,542	220,953	7.14
78-79	.09642	28,143	2,713	26,786	191,411	6.80
79-80	.10225	25,430	2,601	24,130	164,625	6.47
80-81	.10831	22,829	2,472	21,593	140,495	6.15
81-82	.11499	20,357	2,341	19,186	118,902	5.84
82-83	.12267	18,016	2,210	16,911	99,716	5.53
83-84	.13153	15,806	2,079	14,766	82,805	5.24
84-85	.14131	13,727	1,940	12,757	68,039	4.96
85-86	.15175	11,787	1,788	10,893	55,282	4.69
86-87	.16260	9,999	1,626	9,186	44,389	4.44
87-88	.17360	8,373	1,454	7,646	35,203	4.20
88-89	.18434	6,919	1,275	6,282	27,557	3.98
89-90	.19500	5,644	1,101	5,093	21,275	3.77
90-91	.20618	4,543	936	4,075	16,182	3.56
91-92	.21850	3,607	789	3,212	12,107	3.36
92-93	.23256	2,818	655	2,491	8,895	3.16
93-94	.24876	2,163	538	1,894	6,404	2.96
94-95	.26669	1,625	433	1,408	4,510	2.78
95-96	.28576	1,192	341	1,021	3,102	2.60
96-97	.30537	851	260	721	2,081	2.44
97-98	.32494	591	192	495	1,360	2.30
98-99	.34485	399	138	330	865	2.17
99-100	.36551	261	95	214	535	2.04
100-101	.38632	166	64	134	321	1.93
101-102	.40668	102	42	81	187	1.83
102-103	.42600	60	25	48	106	1.74
103-104	.44403	35	16	27	58	1.66
104-105	.46116	19	9	15	31	1.59
105-106	.47777	10	5	8	16	1.52
106-107	.49426	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: LOUISIANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	0e_x
0-1	0.02224	100,000	2,224	98,078	7,280,951	72.81
1-2	.00198	97,776	194	97,679	7,182,873	73.46
2-3	.00121	97,582	118	97,523	7,085,194	72.61
3-4	.00090	97,464	87	97,420	6,987,671	71.69
4-5	.00072	97,377	71	97,342	6,890,251	70.76
5-6	.00060	97,306	58	97,277	6,792,909	69.81
6-7	.00050	97,248	49	97,224	6,695,632	68.85
7-8	.00043	97,199	41	97,179	6,598,408	67.89
8-9	.00038	97,158	37	97,139	6,501,229	66.91
9-10	.00035	97,121	34	97,104	6,404,090	65.94
10-11	.00034	97,087	33	97,070	6,306,986	64.96
11-12	.00034	97,054	33	97,037	6,209,916	63.98
12-13	.00035	97,021	34	97,004	6,112,879	63.01
13-14	.00037	96,987	36	96,969	6,015,875	62.03
14-15	.00041	96,951	40	96,931	5,918,906	61.05
15-16	.00046	96,911	44	96,889	5,821,975	60.08
16-17	.00051	96,867	50	96,842	5,725,086	59.10
17-18	.00056	96,817	54	96,790	5,628,244	58.13
18-19	.00061	96,763	59	96,733	5,531,454	57.16
19-20	.00066	96,704	64	96,672	5,434,721	56.20
20-21	.00071	96,640	68	96,606	5,338,049	55.24
21-22	.00075	96,572	73	96,535	5,241,443	54.27
22-23	.00078	96,499	75	96,461	5,144,908	53.32
23-24	.00079	96,424	76	96,386	5,048,447	52.36
24-25	.00079	96,348	76	96,310	4,952,061	51.40
25-26	.00079	96,272	77	96,234	4,855,751	50.44
26-27	.00080	96,195	76	96,157	4,759,517	49.48
27-28	.00080	96,119	77	96,080	4,663,360	48.52
28-29	.00081	96,042	78	96,003	4,567,280	47.56
29-30	.00082	95,964	79	95,924	4,471,277	46.59
30-31	.00084	95,885	80	95,845	4,375,353	45.63
31-32	.00088	95,805	85	95,762	4,279,508	44.67
32-33	.00096	95,720	92	95,674	4,183,746	43.71
33-34	.00108	95,628	103	95,577	4,088,072	42.75
34-35	.00123	95,525	117	95,466	3,992,495	41.80
35-36	.00141	95,408	135	95,340	3,897,029	40.85
36-37	.00159	95,273	151	95,197	3,801,689	39.90
37-38	.00177	95,122	169	95,037	3,706,492	38.97
38-39	.00194	94,953	184	94,861	3,611,455	38.03
39-40	.00212	94,769	201	94,669	3,516,594	37.11
40-41	.00230	94,568	217	94,459	3,421,925	36.18
41-42	.00249	94,351	235	94,233	3,327,466	35.27
42-43	.00271	94,116	255	93,988	3,233,233	34.35
43-44	.00295	93,861	277	93,722	3,139,245	33.45
44-45	.00321	93,584	301	93,434	3,045,523	32.54
45-46	.00348	93,283	324	93,121	2,952,089	31.65
46-47	.00378	92,959	352	92,783	2,858,968	30.76
47-48	.00410	92,607	379	92,417	2,766,185	29.87
48-49	.00444	92,228	410	92,023	2,673,768	28.99
49-50	.00479	91,818	440	91,598	2,581,745	28.12
50-51	.00516	91,378	471	91,143	2,490,147	27.25
51-52	.00559	90,907	508	90,653	2,399,004	26.39
52-53	.00607	90,399	549	90,124	2,308,351	25.54
53-54	.00659	89,850	592	89,554	2,218,227	24.69
54-55	.00713	89,258	637	88,940	2,128,673	23.85

TABLE 2. LIFE TABLE FOR WHITE FEMALES: LOUISIANA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00774	88,621	686	88,278	2,039,733	23.02
56-57	.00845	87,935	743	87,564	1,951,455	22.19
57-58	.00930	87,192	810	86,787	1,863,891	21.38
58-59	.01031	86,382	891	85,936	1,777,104	20.57
59-60	.01145	85,491	979	85,002	1,691,168	19.78
60-61	.01269	84,512	1,072	83,976	1,606,166	19.01
61-62	.01401	83,440	1,169	82,855	1,522,190	18.24
62-63	.01538	82,271	1,266	81,638	1,439,335	17.50
63-64	.01665	81,005	1,348	80,331	1,357,697	16.76
64-65	.01786	79,657	1,423	78,945	1,277,366	16.04
65-66	.01919	78,234	1,501	77,483	1,198,421	15.32
66-67	.02088	76,733	1,603	75,932	1,120,938	14.61
67-68	.02311	75,130	1,736	74,262	1,045,006	13.91
68-69	.02591	73,394	1,901	72,443	970,744	13.23
69-70	.02913	71,493	2,083	70,451	898,301	12.56
70-71	.03276	69,410	2,274	68,273	827,850	11.93
71-72	.03679	67,136	2,470	65,901	759,577	11.31
72-73	.04119	64,666	2,663	63,334	693,676	10.73
73-74	.04610	62,003	2,859	60,573	630,342	10.17
74-75	.05152	59,144	3,047	57,621	569,769	9.63
75-76	.05727	56,097	3,213	54,491	512,148	9.13
76-77	.06314	52,884	3,339	51,215	457,657	8.65
77-78	.06895	49,545	3,416	47,837	406,442	8.20
78-79	.07420	46,129	3,423	44,418	358,605	7.77
79-80	.07901	42,706	3,374	41,019	314,187	7.36
80-81	.08413	39,332	3,309	37,678	273,168	6.95
81-82	.09030	36,023	3,253	34,397	235,490	6.54
82-83	.09825	32,770	3,219	31,160	201,093	6.14
83-84	.10864	29,551	3,211	27,945	169,933	5.75
84-85	.12099	26,340	3,187	24,747	141,988	5.39
85-86	.13430	23,153	3,109	21,599	117,241	5.06
86-87	.14757	20,044	2,958	18,565	95,642	4.77
87-88	.15981	17,086	2,731	15,721	77,077	4.51
88-89	.17009	14,355	2,441	13,135	61,356	4.27
89-90	.17907	11,914	2,134	10,847	48,221	4.05
90-91	.18814	9,780	1,840	8,860	37,374	3.82
91-92	.19872	7,940	1,578	7,151	28,514	3.59
92-93	.21219	6,362	1,350	5,687	21,363	3.36
93-94	.22917	5,012	1,148	4,438	15,676	3.13
94-95	.24872	3,864	961	3,383	11,238	2.91
95-96	.26993	2,903	784	2,511	7,855	2.71
96-97	.29188	2,119	618	1,810	5,344	2.52
97-98	.31366	1,501	471	1,265	3,534	2.35
98-99	.33587	1,030	346	857	2,269	2.20
99-100	.35913	684	246	561	1,412	2.06
100-101	.38251	438	167	355	851	1.94
101-102	.40511	271	110	216	496	1.83
102-103	.42600	161	69	127	280	1.74
103-104	.44475	92	41	72	153	1.66
104-105	.46197	51	23	39	81	1.59
105-106	.47831	28	14	21	42	1.52
106-107	.49444	14	7	11	21	1.46
107-108	.51100	7	3	5	10	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: LOUISIANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.05165	100,000	5,165	95,696	5,984,544	59.85
1-2	0.00429	94,835	407	94,632	5,888,848	62.10
2-3	0.00264	94,428	249	94,304	5,794,216	61.36
3-4	0.00132	94,179	124	94,117	5,699,912	60.52
4-5	0.00119	94,055	112	93,999	5,605,795	59.60
5-6	0.00107	93,943	101	93,892	5,511,796	58.67
6-7	0.00098	93,842	92	93,796	5,417,904	57.73
7-8	0.00092	93,750	86	93,707	5,324,108	56.79
8-9	0.00090	93,664	84	93,622	5,230,401	55.84
9-10	0.00091	93,580	86	93,537	5,136,779	54.89
10-11	0.00095	93,494	88	93,450	5,043,242	53.94
11-12	0.00102	93,406	96	93,358	4,949,792	52.99
12-13	0.00112	93,310	104	93,258	4,856,434	52.05
13-14	0.00126	93,206	118	93,147	4,763,176	51.10
14-15	0.00143	93,088	133	93,022	4,670,029	50.17
15-16	0.00162	92,955	150	92,880	4,577,007	49.24
16-17	0.00185	92,805	172	92,719	4,484,127	48.32
17-18	0.00209	92,633	194	92,536	4,391,408	47.41
18-19	0.00239	92,439	221	92,329	4,298,872	46.50
19-20	0.00274	92,218	252	92,092	4,206,543	45.62
20-21	0.00309	91,966	284	91,824	4,114,451	44.74
21-22	0.00341	91,682	313	91,525	4,022,627	43.88
22-23	0.00363	91,369	332	91,203	3,931,102	43.02
23-24	0.00364	91,037	331	90,872	3,839,899	42.18
24-25	0.00365	90,706	331	90,540	3,749,027	41.33
25-26	0.00367	90,375	332	90,209	3,658,487	40.48
26-27	0.00368	90,043	331	89,878	3,568,278	39.63
27-28	0.00369	89,712	331	89,546	3,478,400	38.77
28-29	0.00383	89,381	343	89,210	3,388,854	37.91
29-30	0.00401	89,038	357	88,860	3,299,644	37.06
30-31	0.00423	88,681	375	88,494	3,210,784	36.21
31-32	0.00447	88,306	394	88,109	3,122,290	35.36
32-33	0.00472	87,912	415	87,704	3,034,181	34.51
33-34	0.00498	87,497	436	87,279	2,946,477	33.68
34-35	0.00526	87,061	458	86,832	2,859,198	32.84
35-36	0.00555	86,603	481	86,363	2,772,366	32.01
36-37	0.00588	86,122	506	85,869	2,686,003	31.19
37-38	0.00623	85,616	533	85,349	2,600,134	30.37
38-39	0.00658	85,083	560	84,803	2,514,785	29.56
39-40	0.00692	84,523	585	84,230	2,429,982	28.75
40-41	0.00730	83,938	613	83,631	2,345,752	27.95
41-42	0.00779	83,325	649	83,000	2,262,121	27.15
42-43	0.00842	82,676	696	82,328	2,179,121	26.36
43-44	0.00921	81,980	755	81,602	2,096,793	25.58
44-45	0.01011	81,225	821	80,814	2,015,191	24.81
45-46	0.01112	80,404	895	79,957	1,934,377	24.06
46-47	0.01226	79,509	974	79,022	1,854,420	23.32
47-48	0.01351	78,535	1,061	78,004	1,775,398	22.61
48-49	0.01490	77,474	1,155	76,897	1,697,394	21.91
49-50	0.01642	76,319	1,253	75,693	1,620,497	21.23
50-51	0.01805	75,066	1,355	74,389	1,544,804	20.58
51-52	0.01976	73,711	1,456	72,983	1,470,415	19.95
52-53	0.02152	72,255	1,555	71,477	1,397,432	19.34
53-54	0.02339	70,700	1,654	69,873	1,325,955	18.75
54-55	0.02538	69,046	1,752	68,170	1,256,082	18.19

TABLE 3. LIFE TABLE FOR NONWHITE MALES: LOUISIANA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.02742	67,294	1,845	66,371	1,187,912	17.65
56-57	.02941	65,449	1,925	64,486	1,121,541	17.14
57-58	.03128	63,524	1,987	62,530	1,057,055	16.64
58-59	.03300	61,537	2,051	60,521	994,525	16.16
59-60	.03463	59,506	2,061	58,476	934,004	15.70
60-61	.03620	57,445	2,079	56,406	875,528	15.24
61-62	.03773	55,366	2,089	54,321	819,122	14.79
62-63	.03925	53,277	2,091	52,231	764,801	14.36
63-64	.04068	51,186	2,083	50,145	712,570	13.92
64-65	.04201	49,103	2,062	48,072	662,425	13.49
65-66	.04335	47,041	2,040	46,021	614,353	13.06
66-67	.04481	45,001	2,016	43,993	568,332	12.63
67-68	.04649	42,985	1,998	41,986	524,339	12.20
68-69	.04832	40,987	1,981	39,996	482,353	11.77
69-70	.05022	39,006	1,959	38,027	442,357	11.34
70-71	.05231	37,047	1,938	36,078	404,330	10.91
71-72	.05473	35,109	1,921	34,148	368,252	10.49
72-73	.05759	33,188	1,912	32,232	334,104	10.07
73-74	.06102	31,276	1,908	30,322	301,872	9.65
74-75	.06494	29,368	1,907	28,414	271,550	9.25
75-76	.06917	27,461	1,900	26,511	243,136	8.85
76-77	.07350	25,561	1,878	24,622	216,625	8.47
77-78	.07777	23,683	1,842	22,762	192,003	8.11
78-79	.08162	21,841	1,783	20,949	169,241	7.75
79-80	.08517	20,058	1,708	19,204	148,292	7.39
80-81	.08895	18,350	1,632	17,534	129,088	7.03
81-82	.09348	16,718	1,563	15,936	111,554	6.67
82-83	.09927	15,155	1,505	14,403	95,618	6.31
83-84	.10610	13,650	1,448	12,926	81,215	5.95
84-85	.11364	12,202	1,387	11,509	68,289	5.60
85-86	.12220	10,815	1,321	10,155	56,780	5.25
86-87	.13211	9,494	1,254	8,867	46,625	4.91
87-88	.14371	8,240	1,185	7,648	37,758	4.58
88-89	.15727	7,055	1,109	6,501	30,110	4.27
89-90	.17257	5,946	1,026	5,433	23,609	3.97
90-91	.18920	4,920	931	4,454	18,176	3.69
91-92	.20673	3,989	825	3,577	13,722	3.44
92-93	.22473	3,164	711	2,809	10,145	3.21
93-94	.24349	2,453	597	2,155	7,336	2.99
94-95	.26329	1,856	489	1,612	5,181	2.79
95-96	.28371	1,367	388	1,173	3,569	2.61
96-97	.30433	979	298	830	2,396	2.45
97-98	.32471	681	221	571	1,566	2.30
98-99	.34514	460	159	381	995	2.16
99-100	.36591	301	110	246	614	2.04
100-101	.38659	191	74	154	368	1.93
101-102	.40676	117	47	93	214	1.83
102-103	.42600	70	30	55	121	1.74
103-104	.44404	40	18	31	66	1.66
104-105	.46117	22	10	17	35	1.59
105-106	.47778	12	6	9	18	1.52
106-107	.49426	6	3	5	9	1.46
107-108	.51100	3	1	2	4	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS--SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: LOUISIANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04551	100,000	4,551	96,246	6,302,466	63.02
1-2	.00368	95,449	351	95,273	6,206,220	65.02
2-3	.00257	95,098	245	94,976	6,110,947	64.26
3-4	.00120	94,853	113	94,796	6,015,971	63.42
4-5	.00116	94,740	110	94,685	5,921,175	62.50
5-6	.00110	94,630	104	94,578	5,826,490	61.57
6-7	.00101	94,526	96	94,478	5,731,912	60.64
7-8	.00089	94,430	84	94,388	5,637,434	59.70
8-9	.00077	94,346	73	94,310	5,543,046	58.75
9-10	.00065	94,273	61	94,243	5,448,736	57.80
10-11	.00057	94,212	54	94,185	5,354,493	56.83
11-12	.00052	94,158	49	94,134	5,260,308	55.87
12-13	.00053	94,109	49	94,084	5,166,174	54.90
13-14	.00061	94,060	58	94,031	5,072,090	53.92
14-15	.00074	94,002	69	93,967	4,978,059	52.96
15-16	.00091	93,933	86	93,890	4,884,092	52.00
16-17	.00111	93,847	104	93,795	4,790,202	51.04
17-18	.00132	93,743	124	93,681	4,696,407	50.10
18-19	.00156	93,619	146	93,546	4,602,726	49.16
19-20	.00185	93,473	173	93,387	4,509,180	48.24
20-21	.00214	93,300	199	93,200	4,415,793	47.33
21-22	.00240	93,101	224	92,989	4,322,593	46.43
22-23	.00260	92,877	241	92,756	4,229,604	45.54
23-24	.00270	92,636	250	92,511	4,136,848	44.66
24-25	.00272	92,386	252	92,260	4,044,337	43.78
25-26	.00274	92,134	252	92,008	3,952,077	42.89
26-27	.00277	91,882	255	91,755	3,860,069	42.01
27-28	.00281	91,627	257	91,499	3,768,314	41.13
28-29	.00295	91,370	270	91,235	3,676,815	40.24
29-30	.00313	91,100	285	90,958	3,585,580	39.36
30-31	.00335	90,815	304	90,663	3,494,622	38.48
31-32	.00359	90,511	325	90,348	3,403,959	37.61
32-33	.00388	90,186	350	90,011	3,313,611	36.74
33-34	.00421	89,836	378	89,647	3,223,600	35.88
34-35	.00459	89,458	411	89,253	3,133,953	35.03
35-36	.00500	89,047	445	88,825	3,044,700	34.19
36-37	.00542	88,602	480	88,362	2,955,875	33.36
37-38	.00585	88,122	516	87,864	2,867,513	32.54
38-39	.00626	87,606	548	87,332	2,779,649	31.73
39-40	.00665	87,058	579	86,768	2,692,317	30.93
40-41	.00707	86,479	611	86,173	2,605,549	30.13
41-42	.00755	85,868	649	85,543	2,519,376	29.34
42-43	.00813	85,219	693	84,873	2,433,833	28.56
43-44	.00881	84,526	744	84,154	2,348,960	27.79
44-45	.00957	83,782	802	83,381	2,264,806	27.03
45-46	.01040	82,980	863	82,548	2,181,425	26.29
46-47	.01128	82,117	926	81,654	2,098,877	25.56
47-48	.01220	81,191	991	80,695	2,017,223	24.85
48-49	.01314	80,200	1,054	79,673	1,936,528	24.15
49-50	.01411	79,146	1,116	78,588	1,856,855	23.46
50-51	.01513	78,030	1,181	77,439	1,778,267	22.79
51-52	.01624	76,849	1,248	76,225	1,700,828	22.13
52-53	.01745	75,601	1,319	74,941	1,624,603	21.49
53-54	.01880	74,282	1,397	73,583	1,549,662	20.86
54-55	.02027	72,885	1,477	72,146	1,476,079	20.25

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: LOUISIANA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02181	71,408	1,558	70,629	1,403,933	19.66
56-57	.02337	69,850	1,632	69,034	1,333,304	19.09
57-58	.02491	68,218	1,699	67,368	1,264,270	18.53
58-59	.02641	66,519	1,757	65,640	1,196,902	17.99
59-60	.02790	64,762	1,807	63,858	1,131,262	17.47
60-61	.02940	62,955	1,851	62,030	1,067,404	16.96
61-62	.03093	61,104	1,890	60,159	1,005,374	16.45
62-63	.03251	59,214	1,925	58,252	945,215	15.96
63-64	.03415	57,289	1,956	56,311	886,963	15.48
64-65	.03584	55,333	1,983	54,341	830,652	15.01
65-66	.03756	53,350	2,004	52,348	776,511	14.55
66-67	.03930	51,346	2,018	50,337	723,963	14.10
67-68	.04103	49,328	2,024	48,316	673,626	13.66
68-69	.04271	47,304	2,020	46,294	625,310	13.22
69-70	.04435	45,284	2,009	44,279	579,016	12.79
70-71	.04603	43,275	1,992	42,279	534,737	12.36
71-72	.04780	41,283	1,973	40,297	492,458	11.93
72-73	.04975	39,310	1,956	38,332	452,161	11.50
73-74	.05185	37,354	1,936	36,386	413,829	11.08
74-75	.05407	35,418	1,916	34,460	377,443	10.66
75-76	.05641	33,502	1,889	32,558	342,983	10.24
76-77	.05891	31,613	1,863	30,681	310,425	9.82
77-78	.06157	29,750	1,831	28,834	279,744	9.40
78-79	.06412	27,919	1,791	27,024	250,910	8.99
79-80	.06654	26,128	1,738	25,259	223,886	8.57
80-81	.06926	24,390	1,689	23,545	198,627	8.14
81-82	.07269	22,701	1,650	21,876	175,082	7.71
82-83	.07726	21,051	1,627	20,237	153,206	7.28
83-84	.08249	19,424	1,602	18,623	132,969	6.85
84-85	.08811	17,822	1,570	17,037	114,346	6.42
85-86	.09481	16,252	1,541	15,481	97,309	5.99
86-87	.10330	14,711	1,520	13,951	81,828	5.56
87-88	.11429	13,191	1,507	12,437	67,877	5.15
88-89	.12818	11,684	1,498	10,935	55,440	4.75
89-90	.14450	10,186	1,472	9,450	44,505	4.37
90-91	.16264	8,714	1,417	8,005	35,055	4.02
91-92	.18198	7,297	1,328	6,633	27,050	3.71
92-93	.20191	5,969	1,205	5,366	20,417	3.42
93-94	.22283	4,764	1,062	4,233	15,051	3.16
94-95	.24516	3,702	907	3,248	10,818	2.92
95-96	.26827	2,795	750	2,420	7,570	2.71
96-97	.29156	2,045	596	1,747	5,150	2.52
97-98	.31440	1,449	456	1,221	3,403	2.35
98-99	.33720	993	335	826	2,182	2.20
99-100	.36038	658	237	540	1,356	2.06
100-101	.38332	421	161	340	816	1.94
101-102	.40540	260	106	207	476	1.83
102-103	.42600	154	65	122	269	1.74
103-104	.44470	89	40	69	147	1.66
104-105	.46192	49	23	38	78	1.59
105-106	.47828	26	12	20	40	1.52
106-107	.49443	14	7	10	20	1.46
107-108	.51100	7	4	5	10	1.40
108-109	.52810	3	1	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00181. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.81 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,087 will complete the first year of life and enter the second; 96,868 will begin the third year; 95,153 will reach age 21; and 36,638 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,913 die in the first year of life, 219 in the second year, 172 in the twenty-second year, and 2,853 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,067. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,067 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,578,844 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,599,034.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,067 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,153 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,578,844) is the total number of years lived after attaining age 21 by the 95,153 reaching that age. This number of years divided by the number of persons (4,578,844 divided by 95,153) gives 48.12 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Maine

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Maine Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.44 years for white males and 71.62 years for white females. This State ranks 24th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MAINE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03511	100,000	5,511	96,912	6,644,533	66.44
1-2	.00244	96,489	235	96,371	6,547,391	67.86
2-3	.00167	96,254	161	96,173	6,451,020	67.02
3-4	.00122	96,093	117	96,034	6,354,847	66.13
4-5	.00117	95,976	113	95,919	6,258,813	65.21
5-6	.00093	95,863	89	95,819	6,162,894	64.29
6-7	.00075	95,774	72	95,738	6,067,075	63.35
7-8	.00064	95,702	61	95,672	5,971,337	62.40
8-9	.00058	95,641	55	95,613	5,875,665	61.43
9-10	.00056	95,586	54	95,559	5,780,052	60.47
10-11	.00058	95,532	55	95,504	5,684,493	59.50
11-12	.00063	95,477	60	95,447	5,588,989	58.54
12-13	.00070	95,417	67	95,383	5,493,542	57.57
13-14	.00080	95,350	77	95,312	5,398,159	56.61
14-15	.00094	95,273	89	95,229	5,302,847	55.66
15-16	.00110	95,184	105	95,132	5,207,618	54.71
16-17	.00126	95,079	120	95,019	5,112,486	53.77
17-18	.00138	94,959	131	94,894	5,017,467	52.84
18-19	.00147	94,828	139	94,759	4,922,573	51.91
19-20	.00155	94,689	147	94,616	4,827,814	50.99
20-21	.00161	94,542	152	94,466	4,733,198	50.06
21-22	.00166	94,390	157	94,312	4,638,732	49.14
22-23	.00170	94,233	160	94,153	4,544,420	48.23
23-24	.00172	94,073	162	93,992	4,450,267	47.31
24-25	.00172	93,911	161	93,831	4,356,275	46.39
25-26	.00171	93,750	161	93,670	4,262,444	45.47
26-27	.00169	93,589	158	93,510	4,168,774	44.54
27-28	.00168	93,431	157	93,353	4,075,264	43.62
28-29	.00166	93,274	155	93,197	3,981,911	42.69
29-30	.00162	93,119	150	93,044	3,888,714	41.76
30-31	.00158	92,969	147	92,895	3,795,670	40.83
31-32	.00158	92,822	147	92,748	3,702,775	39.89
32-33	.00164	92,675	152	92,599	3,610,027	38.95
33-34	.00175	92,523	162	92,442	3,517,428	38.02
34-35	.00190	92,361	175	92,273	3,424,986	37.08
35-36	.00209	92,186	193	92,089	3,332,713	36.15
36-37	.00233	91,993	214	91,886	3,240,624	35.23
37-38	.00261	91,779	240	91,659	3,148,738	34.31
38-39	.00294	91,539	269	91,405	3,057,079	33.40
39-40	.00332	91,270	303	91,118	2,965,674	32.49
40-41	.00375	90,967	341	90,796	2,874,556	31.60
41-42	.00421	90,626	382	90,435	2,783,760	30.72
42-43	.00471	90,244	425	90,032	2,693,325	29.84
43-44	.00525	89,819	471	89,583	2,603,293	28.98
44-45	.00583	89,348	521	89,087	2,513,710	28.13
45-46	.00644	88,827	572	88,541	2,424,623	27.30
46-47	.00708	88,255	625	87,942	2,336,082	26.47
47-48	.00773	87,630	677	87,291	2,248,140	25.65
48-49	.00836	86,953	727	86,589	2,160,849	24.85
49-50	.00899	86,226	776	85,838	2,074,260	24.06
50-51	.00965	85,450	824	85,038	1,988,422	23.27
51-52	.01040	84,626	880	84,186	1,903,384	22.49
52-53	.01130	83,746	947	83,273	1,819,198	21.72
53-54	.01235	82,799	1,022	82,288	1,735,925	20.97
54-55	.01350	81,777	1,104	81,225	1,653,637	20.22

TABLE 1. LIFE TABLE FOR WHITE MALES: MAINE, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01477	80,673	1,192	80,077	1,572,412	19.49
56-57	.01614	79,481	1,283	78,840	1,492,335	18.78
57-58	.01762	78,198	1,377	77,510	1,413,495	18.08
58-59	.01922	76,821	1,477	76,082	1,335,985	17.39
59-60	.02094	75,344	1,578	74,555	1,259,903	16.72
60-61	.02276	73,766	1,678	72,927	1,185,348	16.07
61-62	.02466	72,088	1,778	71,199	1,112,421	15.43
62-63	.02662	70,310	1,872	69,374	1,041,222	14.81
63-64	.02855	68,438	1,954	67,461	971,848	14.20
64-65	.03046	66,484	2,025	65,472	904,387	13.60
65-66	.03249	64,459	2,094	63,412	838,915	13.01
66-67	.03477	62,365	2,169	61,281	775,503	12.43
67-68	.03745	60,196	2,254	59,069	714,222	11.86
68-69	.04047	57,942	2,345	56,770	655,153	11.31
69-70	.04376	55,597	2,433	54,381	598,383	10.76
70-71	.04736	53,164	2,518	51,905	544,002	10.23
71-72	.05135	50,646	2,600	49,346	492,097	9.72
72-73	.05579	48,046	2,681	46,705	442,751	9.22
73-74	.06062	45,365	2,750	43,990	396,046	8.73
74-75	.06579	42,615	2,803	41,213	352,056	8.26
75-76	.07139	39,812	2,843	38,390	310,843	7.81
76-77	.07753	36,969	2,866	35,536	272,453	7.37
77-78	.08430	34,103	2,875	32,666	236,917	6.95
78-79	.09127	31,228	2,850	29,803	204,251	6.54
79-80	.09838	28,378	2,792	26,982	174,448	6.15
80-81	.10627	25,586	2,719	24,227	147,466	5.76
81-82	.11557	22,867	2,643	21,546	123,239	5.39
82-83	.12690	20,224	2,566	18,941	101,693	5.03
83-84	.14159	17,658	2,500	16,408	82,752	4.69
84-85	.15920	15,158	2,413	13,951	66,344	4.38
85-86	.17778	12,745	2,266	11,612	52,393	4.11
86-87	.19535	10,479	2,047	9,455	40,781	3.89
87-88	.20994	8,432	1,770	7,547	31,326	3.72
88-89	.22027	6,662	1,468	5,928	23,779	3.57
89-90	.22766	5,194	1,182	4,603	17,851	3.44
90-91	.23403	4,012	939	3,542	13,248	3.30
91-92	.24130	3,073	742	2,702	9,706	3.16
92-93	.25139	2,331	586	2,038	7,004	3.00
93-94	.26470	1,745	462	1,514	4,966	2.84
94-95	.27993	1,283	359	1,104	3,452	2.69
95-96	.29652	924	274	787	2,348	2.54
96-97	.31387	650	204	548	1,561	2.40
97-98	.33143	446	148	372	1,013	2.27
98-99	.34957	298	104	246	641	2.15
99-100	.36867	194	72	158	395	2.03
100-101	.38816	122	47	99	237	1.92
101-102	.40747	75	31	60	138	1.83
102-103	.42600	44	19	35	78	1.74
103-104	.44361	25	11	20	43	1.66
104-105	.46069	14	6	11	23	1.59
105-106	.47746	8	4	6	12	1.52
106-107	.49415	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MAINE, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02646	100,000	2,646	97,714	7,162,052	71.62
1-2	.00200	97,354	195	97,257	7,064,538	72.56
2-3	.00114	97,159	110	97,104	6,967,081	71.71
3-4	.00108	97,049	105	96,996	6,869,977	70.79
4-5	.00060	96,944	58	96,915	6,772,981	69.86
5-6	.00058	96,886	57	96,857	6,676,066	68.91
6-7	.00054	96,829	52	96,803	6,579,209	67.95
7-8	.00050	96,777	48	96,753	6,482,406	66.98
8-9	.00045	96,729	44	96,707	6,385,653	66.02
9-10	.00041	96,685	39	96,665	6,288,946	65.05
10-11	.00037	96,646	36	96,628	6,192,281	64.07
11-12	.00034	96,610	33	96,593	6,095,653	63.10
12-13	.00034	96,577	33	96,560	5,999,060	62.12
13-14	.00036	96,544	35	96,527	5,902,500	61.14
14-15	.00040	96,509	38	96,490	5,805,973	60.16
15-16	.00045	96,471	44	96,449	5,709,483	59.18
16-17	.00051	96,427	49	96,403	5,613,034	58.21
17-18	.00057	96,378	55	96,351	5,516,631	57.24
18-19	.00063	96,323	60	96,293	5,420,280	56.27
19-20	.00070	96,263	68	96,229	5,323,987	55.31
20-21	.00077	96,195	74	96,158	5,227,758	54.35
21-22	.00084	96,121	81	96,081	5,131,600	53.39
22-23	.00089	96,040	85	95,998	5,035,519	52.43
23-24	.00093	95,955	89	95,910	4,939,521	51.48
24-25	.00095	95,866	91	95,820	4,843,611	50.52
25-26	.00096	95,775	92	95,729	4,747,791	49.57
26-27	.00099	95,683	95	95,635	4,652,062	48.62
27-28	.00104	95,588	100	95,538	4,556,427	47.67
28-29	.00112	95,488	107	95,435	4,460,889	46.72
29-30	.00122	95,381	116	95,323	4,365,454	45.77
30-31	.00133	95,265	127	95,202	4,270,131	44.82
31-32	.00144	95,138	137	95,070	4,174,929	43.88
32-33	.00154	95,001	146	94,928	4,079,859	42.95
33-34	.00163	94,855	154	94,778	3,984,931	42.01
34-35	.00171	94,701	162	94,620	3,890,153	41.08
35-36	.00179	94,539	170	94,454	3,795,533	40.15
36-37	.00188	94,369	177	94,281	3,701,079	39.22
37-38	.00199	94,192	188	94,098	3,606,798	38.29
38-39	.00212	94,004	199	93,905	3,512,700	37.37
39-40	.00227	93,805	213	93,699	3,418,795	36.45
40-41	.00243	93,592	227	93,479	3,325,096	35.53
41-42	.00261	93,365	244	93,243	3,231,617	34.61
42-43	.00282	93,121	262	92,990	3,138,374	33.70
43-44	.00304	92,859	283	92,717	3,045,384	32.80
44-45	.00327	92,576	302	92,425	2,952,667	31.89
45-46	.00352	92,274	325	92,111	2,860,242	31.00
46-47	.00384	91,949	353	91,772	2,768,131	30.11
47-48	.00423	91,596	388	91,402	2,676,359	29.22
48-49	.00474	91,208	432	90,992	2,584,957	28.34
49-50	.00534	90,776	485	90,534	2,493,965	27.47
50-51	.00599	90,291	541	90,021	2,403,431	26.62
51-52	.00664	89,750	596	89,452	2,313,410	25.78
52-53	.00723	89,154	644	88,832	2,223,958	24.95
53-54	.00769	88,510	681	88,169	2,135,126	24.12
54-55	.00804	87,829	706	87,476	2,046,957	23.31

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MAINE, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.00841	87,123	733	86,757	1,959,481	22.49
56-57	.00893	86,390	771	86,005	1,872,724	21.68
57-58	.00973	85,619	833	85,202	1,786,719	20.87
58-59	.01085	84,786	920	84,326	1,701,517	20.07
59-60	.01220	83,866	1,023	83,354	1,617,191	19.28
60-61	.01371	82,843	1,136	82,275	1,533,837	18.51
61-62	.01534	81,707	1,254	81,080	1,451,562	17.77
62-63	.01701	80,453	1,368	79,769	1,370,482	17.03
63-64	.01868	79,085	1,477	78,346	1,290,713	16.32
64-65	.02038	77,608	1,582	76,817	1,212,567	15.62
65-66	.02220	76,026	1,688	75,182	1,135,550	14.94
66-67	.02419	74,338	1,798	73,439	1,060,368	14.26
67-68	.02643	72,540	1,917	71,581	986,929	13.61
68-69	.02878	70,623	2,033	69,607	915,348	12.96
69-70	.03120	68,590	2,140	67,520	845,741	12.33
70-71	.03388	66,450	2,251	65,325	778,221	11.71
71-72	.03704	64,199	2,378	63,010	712,896	11.10
72-73	.04089	61,821	2,528	60,557	649,886	10.51
73-74	.04544	59,293	2,694	57,946	589,329	9.94
74-75	.05057	56,599	2,862	55,168	531,383	9.39
75-76	.05623	53,737	3,022	52,226	476,215	8.86
76-77	.06238	50,715	3,164	49,133	423,989	8.36
77-78	.06900	47,551	3,281	45,911	374,856	7.88
78-79	.07598	44,270	3,363	42,589	328,945	7.43
79-80	.08335	40,907	3,410	39,202	286,356	7.00
80-81	.09125	37,497	3,421	35,786	247,154	6.59
81-82	.09983	34,076	3,402	32,375	211,368	6.20
82-83	.10922	30,674	3,350	28,999	178,993	5.84
83-84	.11983	27,324	3,275	25,686	149,994	5.49
84-85	.13155	24,049	3,163	22,468	124,308	5.17
85-86	.14380	20,886	3,004	19,384	101,840	4.88
86-87	.15598	17,882	2,789	16,488	82,456	4.61
87-88	.16751	15,093	2,528	13,829	65,968	4.37
88-89	.17754	12,565	2,231	11,449	52,139	4.15
89-90	.18645	10,334	1,927	9,371	40,690	3.94
90-91	.19553	8,407	1,644	7,585	31,319	3.72
91-92	.20603	6,763	1,393	6,067	23,734	3.51
92-93	.21922	5,370	1,177	4,781	17,667	3.29
93-94	.23566	4,193	988	3,699	12,886	3.07
94-95	.25450	3,205	816	2,797	9,187	2.87
95-96	.27491	2,389	657	2,061	6,390	2.67
96-97	.29604	1,732	513	1,476	4,329	2.50
97-98	.31706	1,219	386	1,026	2,853	2.34
98-99	.33852	833	282	692	1,827	2.19
99-100	.36099	551	199	451	1,135	2.06
100-101	.38361	352	135	285	684	1.94
101-102	.40557	217	88	173	399	1.83
102-103	.42600	129	55	102	226	1.74
103-104	.44453	74	33	58	124	1.66
104-105	.46172	41	19	32	66	1.59
105-106	.47815	22	10	17	34	1.52
106-107	.49438	12	6	9	17	1.46
107-108	.51100	6	3	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00166. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.66 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,489 will complete the first year of life and enter the second; 96,254 will begin the third year; 94,390 will reach age 21; and 39,812 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,511 die in the first year of life, 235 in the second year, 157 in the twenty-second year, and 2,843 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,312. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,312 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,638,732 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,644,303.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,312 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,390 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,638,732) is the total number of years lived after attaining age 21 by the 94,390 reaching that age. This number of years divided by the number of persons (4,638,732 divided by 94,390) gives 49.14 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Maryland

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Maryland Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.32 years for white males, 71.90 years for white females, 58.09 years for nonwhite males, and 61.95 years for nonwhite females. This State ranks 28th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MARYLAND, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02608	100,000	2,608	97,706	6,632,346	66.32
1-2	0.0187	97,392	182	97,301	6,534,640	67.10
2-3	0.0119	97,210	116	97,152	6,437,339	66.22
3-4	0.0103	97,094	100	97,044	6,340,187	65.30
4-5	0.0075	96,994	73	96,958	6,243,143	64.37
5-6	0.0074	96,921	71	96,886	6,146,185	63.41
6-7	0.0073	96,850	71	96,814	6,049,299	62.46
7-8	0.0072	96,779	70	96,744	5,952,485	61.51
8-9	0.0064	96,709	62	96,678	5,855,741	60.55
9-10	0.0056	96,647	54	96,620	5,759,063	59.59
10-11	0.0049	96,593	47	96,570	5,662,443	58.62
11-12	0.0045	96,546	43	96,524	5,565,873	57.65
12-13	0.0046	96,503	45	96,480	5,469,349	56.68
13-14	0.0054	96,458	52	96,432	5,372,869	55.70
14-15	0.0068	96,406	65	96,373	5,276,437	54.73
15-16	0.0084	96,341	81	96,300	5,180,064	53.77
16-17	0.0100	96,260	97	96,211	5,083,764	52.81
17-18	0.0111	96,163	106	96,110	4,987,553	51.87
18-19	0.0118	96,057	114	96,000	4,891,443	50.92
19-20	0.0122	95,943	117	95,885	4,795,443	49.98
20-21	0.0125	95,826	120	95,766	4,699,558	49.04
21-22	0.0127	95,706	121	95,646	4,603,792	48.10
22-23	0.0129	95,585	123	95,523	4,508,146	47.16
23-24	0.0130	95,462	125	95,400	4,412,623	46.22
24-25	0.0130	95,337	123	95,275	4,317,223	45.28
25-26	0.0130	95,214	124	95,152	4,221,948	44.34
26-27	0.0131	95,090	125	95,027	4,126,796	43.40
27-28	0.0133	94,965	126	94,902	4,031,769	42.46
28-29	0.0137	94,839	130	94,774	3,936,867	41.51
29-30	0.0141	94,709	134	94,642	3,842,093	40.57
30-31	0.0146	94,575	138	94,506	3,747,451	39.62
31-32	0.0154	94,437	145	94,365	3,652,945	38.68
32-33	0.0165	94,292	156	94,214	3,558,580	37.74
33-34	0.0178	94,136	167	94,053	3,464,366	36.80
34-35	0.0194	93,969	183	93,878	3,370,313	35.87
35-36	0.0212	93,786	198	93,687	3,276,435	34.94
36-37	0.0235	93,588	220	93,478	3,182,748	34.01
37-38	0.0264	93,368	247	93,244	3,089,270	33.09
38-39	0.0299	93,121	278	92,982	2,996,026	32.17
39-40	0.0339	92,843	315	92,685	2,903,044	31.27
40-41	0.0384	92,528	355	92,350	2,810,359	30.37
41-42	0.0435	92,173	401	91,972	2,718,009	29.49
42-43	0.0490	91,772	450	91,547	2,626,037	28.61
43-44	0.0552	91,322	504	91,070	2,534,490	27.75
44-45	0.0620	90,818	563	90,536	2,443,420	26.90
45-46	0.0692	90,255	625	89,943	2,352,884	26.07
46-47	0.0768	89,630	688	89,286	2,262,941	25.25
47-48	0.0845	88,942	752	88,566	2,173,655	24.44
48-49	0.0918	88,190	809	87,786	2,085,089	23.64
49-50	0.0988	87,381	863	86,949	1,997,303	22.86
50-51	0.1063	86,518	920	86,058	1,910,354	22.08
51-52	0.1153	85,598	987	85,104	1,824,296	21.31
52-53	0.1265	84,611	1,070	84,076	1,739,192	20.56
53-54	0.1404	83,541	1,173	82,954	1,655,116	19.81
54-55	0.1564	82,368	1,289	81,724	1,572,162	19.09

TABLE 1. LIFE TABLE FOR WHITE MALES: MARYLAND, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01739	81,079	1,410	80,374	1,490,438	18.38
56-57	.01923	79,669	1,532	78,903	1,410,064	17.70
57-58	.02108	78,137	1,647	77,314	1,331,161	17.04
58-59	.02295	76,490	1,755	75,613	1,253,847	16.39
59-60	.02488	74,735	1,860	73,805	1,178,234	15.77
60-61	.02688	72,875	1,958	71,896	1,104,429	15.16
61-62	.02894	70,917	2,053	69,890	1,032,533	14.56
62-63	.03109	68,864	2,141	67,794	962,643	13.98
63-64	.03322	66,723	2,216	65,615	894,849	13.41
64-65	.03532	64,507	2,279	63,367	829,234	12.85
65-66	.03755	62,228	2,336	61,060	765,867	12.31
66-67	.04005	59,892	2,399	58,692	704,807	11.77
67-68	.04297	57,493	2,471	56,258	646,115	11.24
68-69	.04617	55,022	2,540	53,752	589,857	10.72
69-70	.04957	52,482	2,601	51,181	536,105	10.22
70-71	.05334	49,881	2,661	48,550	484,924	9.72
71-72	.05771	47,220	2,725	45,857	436,374	9.24
72-73	.06285	44,495	2,797	43,097	390,517	8.78
73-74	.06932	41,698	2,890	40,253	347,420	8.33
74-75	.07698	38,808	2,988	37,314	307,167	7.92
75-76	.08503	35,820	3,045	34,298	269,853	7.53
76-77	.09263	32,775	3,036	31,257	235,555	7.19
77-78	.09899	29,739	2,944	28,267	204,298	6.87
78-79	.10265	26,795	2,751	25,420	176,031	6.57
79-80	.10416	24,044	2,504	22,792	150,611	6.26
80-81	.10568	21,540	2,276	20,402	127,819	5.93
81-82	.10938	19,264	2,107	18,210	107,417	5.58
82-83	.11743	17,157	2,015	16,149	89,207	5.20
83-84	.13193	15,142	1,998	14,143	73,058	4.82
84-85	.15143	13,144	1,990	12,149	58,915	4.48
85-86	.17279	11,154	1,928	10,190	46,766	4.19
86-87	.19285	9,226	1,779	8,337	36,576	3.96
87-88	.20848	7,447	1,552	6,671	28,239	3.79
88-89	.21791	5,895	1,285	5,252	21,568	3.66
89-90	.22325	4,610	1,029	4,095	16,316	3.54
90-91	.22712	3,581	813	3,174	12,221	3.41
91-92	.23216	2,768	643	2,446	9,047	3.27
92-93	.24101	2,125	512	1,869	6,601	3.11
93-94	.25420	1,613	410	1,408	4,732	2.93
94-95	.26998	1,203	325	1,041	3,324	2.76
95-96	.28754	878	252	752	2,283	2.60
96-97	.30607	626	192	530	1,531	2.44
97-98	.32476	434	141	364	1,001	2.30
98-99	.34415	293	101	243	637	2.17
99-100	.36478	192	70	157	394	2.04
100-101	.38583	122	47	99	237	1.93
101-102	.40651	75	30	60	138	1.83
102-103	.42600	45	19	35	78	1.74
103-104	.44404	26	12	20	43	1.66
104-105	.46117	14	6	11	23	1.59
105-106	.47778	8	4	6	12	1.52
106-107	.49426	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MARYLAND, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02077	100,000	2,077	98,205	7,189,473	71.90
1-2	.00155	97,923	152	97,847	7,091,768	72.42
2-3	.00116	97,771	113	97,715	6,993,921	71.53
3-4	.00073	97,658	71	97,622	6,896,206	70.62
4-5	.00069	97,587	68	97,553	6,798,584	69.67
5-6	.00059	97,519	57	97,490	6,701,031	68.72
6-7	.00051	97,462	50	97,437	6,603,541	67.76
7-8	.00045	97,412	44	97,390	6,506,104	66.79
8-9	.00041	97,368	40	97,348	6,408,714	65.82
9-10	.00038	97,328	37	97,310	6,311,366	64.85
10-11	.00036	97,291	35	97,274	6,214,056	63.87
11-12	.00036	97,256	35	97,239	6,116,782	62.89
12-13	.00037	97,221	36	97,203	6,019,543	61.92
13-14	.00040	97,185	39	97,166	5,922,340	60.94
14-15	.00045	97,146	43	97,124	5,825,174	59.96
15-16	.00051	97,103	50	97,078	5,728,050	58.99
16-17	.00056	97,053	54	97,026	5,630,972	58.02
17-18	.00060	96,999	58	96,970	5,533,946	57.05
18-19	.00061	96,941	60	96,911	5,436,976	56.09
19-20	.00061	96,881	59	96,852	5,340,065	55.12
20-21	.00061	96,822	59	96,793	5,243,213	54.15
21-22	.00062	96,763	60	96,733	5,146,420	53.19
22-23	.00062	96,703	60	96,673	5,049,687	52.22
23-24	.00064	96,643	62	96,612	4,953,014	51.25
24-25	.00066	96,581	63	96,550	4,856,402	50.28
25-26	.00068	96,518	66	96,485	4,759,852	49.32
26-27	.00073	96,452	70	96,417	4,663,367	48.35
27-28	.00080	96,382	77	96,343	4,566,950	47.38
28-29	.00092	96,305	89	96,260	4,470,607	46.42
29-30	.00108	96,216	104	96,164	4,374,347	45.46
30-31	.00125	96,112	120	96,052	4,278,183	44.51
31-32	.00140	95,992	134	95,925	4,182,131	43.57
32-33	.00151	95,858	145	95,785	4,086,206	42.63
33-34	.00152	95,713	146	95,640	3,990,421	41.69
34-35	.00153	95,567	146	95,494	3,894,781	40.75
35-36	.00154	95,421	147	95,348	3,799,287	39.82
36-37	.00155	95,274	148	95,200	3,703,939	38.88
37-38	.00158	95,126	150	95,051	3,608,739	37.94
38-39	.00177	94,976	168	94,892	3,513,688	37.00
39-40	.00203	94,808	192	94,712	3,418,796	36.06
40-41	.00234	94,616	222	94,505	3,324,084	35.13
41-42	.00267	94,394	252	94,268	3,229,579	34.21
42-43	.00300	94,142	282	94,001	3,135,311	33.30
43-44	.00334	93,860	314	93,703	3,041,310	32.40
44-45	.00369	93,546	345	93,374	2,947,607	31.51
45-46	.00406	93,201	378	93,012	2,854,233	30.62
46-47	.00443	92,823	412	92,617	2,761,221	29.75
47-48	.00480	92,411	443	92,190	2,668,604	28.88
48-49	.00513	91,968	472	91,732	2,576,414	28.01
49-50	.00542	91,496	496	91,248	2,484,682	27.16
50-51	.00574	91,000	522	90,739	2,393,434	26.30
51-52	.00612	90,478	554	90,201	2,302,695	25.45
52-53	.00664	89,924	597	89,626	2,212,494	24.60
53-54	.00728	89,327	650	89,002	2,122,868	23.77
54-55	.00802	88,677	712	88,321	2,033,866	22.94

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MARYLAND, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00884	87,965	777	87,577	1,945,545	22.12
56-57	.00976	87,188	851	86,762	1,857,968	21.31
57-58	.01077	86,337	930	85,872	1,771,206	20.52
58-59	.01186	85,407	1,013	84,901	1,685,334	19.73
59-60	.01302	84,394	1,099	83,845	1,600,433	18.96
60-61	.01429	83,295	1,190	82,700	1,516,588	18.21
61-62	.01568	82,105	1,287	81,461	1,433,888	17.46
62-63	.01723	80,818	1,393	80,121	1,352,427	16.73
63-64	.01886	79,425	1,498	78,676	1,272,306	16.02
64-65	.02055	77,927	1,601	77,126	1,193,630	15.32
65-66	.02242	76,326	1,711	75,470	1,116,504	14.63
66-67	.02456	74,615	1,833	73,698	1,041,034	13.95
67-68	.02710	72,782	1,972	71,796	967,336	13.29
68-69	.03002	70,810	2,126	69,747	895,540	12.65
69-70	.03326	68,684	2,284	67,542	825,793	12.02
70-71	.03682	66,400	2,445	65,177	758,251	11.42
71-72	.04070	63,955	2,603	62,653	693,074	10.84
72-73	.04491	61,352	2,756	59,974	630,421	10.28
73-74	.04933	58,596	2,890	57,151	570,447	9.74
74-75	.05395	55,706	3,005	54,203	513,296	9.21
75-76	.05895	52,701	3,107	51,147	459,093	8.71
76-77	.06452	49,594	3,200	47,994	407,946	8.23
77-78	.07082	46,394	3,286	44,751	359,952	7.76
78-79	.07791	43,108	3,358	41,429	315,201	7.31
79-80	.08566	39,750	3,405	38,047	273,772	6.89
80-81	.09401	36,345	3,417	34,636	235,725	6.49
81-82	.10287	32,928	3,387	31,234	201,089	6.11
82-83	.11218	29,541	3,314	27,884	169,855	5.75
83-84	.12182	26,227	3,195	24,629	141,971	5.41
84-85	.13183	23,032	3,036	21,514	117,342	5.09
85-86	.14240	19,996	2,848	18,572	95,828	4.79
86-87	.15367	17,148	2,635	15,831	77,256	4.51
87-88	.16583	14,513	2,407	13,310	61,425	4.23
88-89	.17888	12,106	2,165	11,024	48,115	3.97
89-90	.19270	9,941	1,916	8,983	37,091	3.73
90-91	.20729	8,025	1,663	7,193	28,108	3.50
91-92	.22263	6,362	1,417	5,654	20,915	3.29
92-93	.23871	4,945	1,180	4,355	15,261	3.09
93-94	.25577	3,765	963	3,283	10,906	2.90
94-95	.27381	2,802	767	2,418	7,623	2.72
95-96	.29249	2,035	595	1,737	5,205	2.56
96-97	.31145	1,440	449	1,215	3,468	2.41
97-98	.33033	991	327	828	2,253	2.27
98-99	.34938	664	232	548	1,425	2.15
99-100	.36882	432	159	352	877	2.03
100-101	.38831	273	106	220	525	1.92
101-102	.40748	167	68	133	305	1.83
102-103	.42600	99	42	78	172	1.74
103-104	.44368	57	25	44	94	1.66
104-105	.46077	32	15	24	50	1.59
105-106	.47751	17	8	13	26	1.52
106-107	.49417	9	5	7	13	1.46
107-108	.51100	4	2	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: MARYLAND, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.04808	100,000	4,808	95,993	5,809,489	58.09
1-2	.00358	95,192	341	95,022	5,713,496	60.02
2-3	.00233	94,851	221	94,741	5,618,474	59.23
3-4	.00214	94,630	202	94,529	5,523,733	58.37
4-5	.00121	94,428	115	94,371	5,429,204	57.50
5-6	.00110	94,313	103	94,262	5,334,833	56.57
6-7	.00099	94,210	94	94,163	5,240,571	55.63
7-8	.00089	94,116	83	94,075	5,146,408	54.68
8-9	.00080	94,033	76	93,995	5,052,333	53.73
9-10	.00075	93,957	70	93,922	4,958,338	52.77
10-11	.00073	93,887	69	93,853	4,864,416	51.81
11-12	.00076	93,818	71	93,783	4,770,563	50.85
12-13	.00085	93,747	80	93,707	4,676,780	49.89
13-14	.00101	93,667	94	93,620	4,583,073	48.93
14-15	.00123	93,573	115	93,515	4,489,453	47.98
15-16	.00150	93,458	140	93,388	4,395,938	47.04
16-17	.00180	93,318	168	93,234	4,302,550	46.11
17-18	.00212	93,150	198	93,051	4,209,316	45.19
18-19	.00250	92,952	232	92,836	4,116,265	44.28
19-20	.00295	92,720	274	92,583	4,023,429	43.39
20-21	.00341	92,446	315	92,289	3,930,846	42.52
21-22	.00381	92,131	351	91,955	3,838,557	41.66
22-23	.00410	91,780	376	91,592	3,746,602	40.82
23-24	.00417	91,404	382	91,213	3,655,010	39.99
24-25	.00419	91,022	381	90,832	3,563,797	39.15
25-26	.00423	90,641	383	90,449	3,472,965	38.32
26-27	.00423	90,258	382	90,067	3,382,516	37.48
27-28	.00423	89,876	380	89,686	3,292,449	36.63
28-29	.00438	89,496	392	89,300	3,202,763	35.79
29-30	.00457	89,104	407	88,900	3,113,463	34.94
30-31	.00480	88,697	426	88,484	3,024,563	34.10
31-32	.00508	88,271	449	88,047	2,936,079	33.26
32-33	.00539	87,822	473	87,586	2,848,032	32.43
33-34	.00574	87,349	501	87,098	2,760,446	31.60
34-35	.00611	86,848	531	86,582	2,673,348	30.78
35-36	.00654	86,317	565	86,035	2,586,766	29.97
36-37	.00702	85,752	601	85,451	2,500,731	29.16
37-38	.00756	85,151	644	84,829	2,415,280	28.36
38-39	.00816	84,507	690	84,162	2,330,451	27.58
39-40	.00882	83,817	739	83,448	2,246,289	26.80
40-41	.00953	83,078	792	82,682	2,162,841	26.03
41-42	.01032	82,286	849	81,862	2,080,159	25.28
42-43	.01120	81,437	912	80,981	1,998,297	24.54
43-44	.01217	80,525	980	80,035	1,917,316	23.81
44-45	.01322	79,545	1,052	79,019	1,837,281	23.10
45-46	.01434	78,493	1,125	77,931	1,758,262	22.40
46-47	.01553	77,368	1,202	77,677	1,680,331	21.72
47-48	.01677	76,166	1,277	77,528	1,603,564	21.05
48-49	.01805	74,889	1,352	74,213	1,528,036	20.40
49-50	.01936	73,537	1,424	72,825	1,453,823	19.77
50-51	.02075	72,113	1,496	71,365	1,380,998	19.15
51-52	.02224	70,617	1,570	69,832	1,309,633	18.55
52-53	.02387	69,047	1,649	68,223	1,239,801	17.96
53-54	.02567	67,398	1,730	66,533	1,171,578	17.38
54-55	.02762	65,668	1,813	64,761	1,105,045	16.83

TABLE 3. LIFE TABLE FOR NONWHITE MALES: MARYLAND, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02967	63,855	1,895	62,907	1,040,284	16.29
56-57	.03176	61,960	1,968	60,976	977,377	15.77
57-58	.03385	59,992	2,031	58,977	916,401	15.28
58-59	.03594	57,961	2,083	56,920	857,424	14.79
59-60	.03806	55,878	2,126	54,815	800,504	14.33
60-61	.04020	53,752	2,161	52,671	745,689	13.87
61-62	.04237	51,591	2,186	50,498	693,018	13.43
62-63	.04453	49,405	2,200	48,305	642,520	13.01
63-64	.04662	47,205	2,201	46,105	594,215	12.59
64-65	.04864	45,004	2,189	43,910	548,110	12.18
65-66	.05071	42,815	2,171	41,730	504,200	11.78
66-67	.05295	40,644	2,152	39,568	462,470	11.38
67-68	.05548	38,492	2,136	37,424	422,902	10.99
68-69	.05821	36,356	2,116	35,298	385,478	10.60
69-70	.06106	34,240	2,091	33,195	350,180	10.23
70-71	.06417	32,149	2,063	31,118	316,985	9.86
71-72	.06767	30,086	2,036	29,068	285,867	9.50
72-73	.07169	28,050	2,011	27,045	256,799	9.16
73-74	.07683	26,039	2,000	25,039	229,754	8.82
74-75	.08299	24,039	1,995	23,041	204,715	8.52
75-76	.08929	22,044	1,968	21,060	181,674	8.24
76-77	.09486	20,076	1,905	19,123	160,614	8.00
77-78	.09881	18,171	1,795	17,273	141,491	7.79
78-79	.09908	16,376	1,623	15,564	124,218	7.59
79-80	.09935	14,753	1,466	14,020	108,654	7.36
80-81	.09962	13,287	1,323	12,626	94,634	7.12
81-82	.09989	11,964	1,195	11,366	82,008	6.85
82-83	.10020	10,769	1,079	10,229	70,642	6.56
83-84	.10370	9,690	1,005	9,187	60,413	6.23
84-85	.10806	8,685	939	8,216	51,226	5.90
85-86	.11377	7,746	881	7,306	43,010	5.55
86-87	.12130	6,865	833	6,449	35,704	5.20
87-88	.13115	6,032	791	5,637	29,255	4.85
88-89	.14370	5,241	753	4,865	23,618	4.51
89-90	.15863	4,488	712	4,132	18,753	4.18
90-91	.17536	3,776	662	3,445	14,621	3.87
91-92	.19331	3,114	602	2,813	11,176	3.59
92-93	.21189	2,512	532	2,246	8,363	3.33
93-94	.23150	1,980	459	1,751	6,117	3.09
94-95	.25252	1,521	384	1,329	4,366	2.87
95-96	.27437	1,137	312	981	3,037	2.67
96-97	.29647	825	244	703	2,056	2.49
97-98	.31824	581	185	488	1,353	2.33
98-99	.34007	396	135	328	865	2.18
99-100	.36233	261	94	214	537	2.05
100-101	.38447	167	64	135	323	1.93
101-102	.40588	103	42	82	188	1.83
102-103	.42600	61	26	48	106	1.74
103-104	.44446	35	16	27	58	1.66
104-105	.46164	19	9	15	31	1.59
105-106	.47809	10	5	8	16	1.52
106-107	.49436	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: MARYLAND, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03610	100,000	3,610	97,022	5,195,255	61.95
1-2	.00319	96,390	307	96,236	6,098,231	63.27
2-3	.00145	96,083	140	96,013	6,001,995	62.47
3-4	.00124	95,943	119	95,884	5,905,982	61.56
4-5	.00102	95,824	98	95,775	5,810,098	60.63
5-6	.00090	95,726	86	95,683	5,714,523	59.69
6-7	.00080	95,640	76	95,602	5,618,640	58.75
7-8	.00072	95,564	69	95,529	5,523,038	57.79
8-9	.00067	95,495	64	95,463	5,427,509	56.84
9-10	.00064	95,431	61	95,400	5,332,046	55.87
10-11	.00064	95,370	61	95,339	5,236,646	54.91
11-12	.00067	95,309	64	95,277	5,141,507	53.94
12-13	.00073	95,245	69	95,210	5,046,030	52.98
13-14	.00081	95,176	78	95,137	4,950,820	52.02
14-15	.00091	95,098	86	95,055	4,855,683	51.06
15-16	.00104	95,012	99	94,962	4,760,628	50.11
16-17	.00121	94,913	115	94,856	4,665,666	49.16
17-18	.00143	94,798	135	94,730	4,570,810	48.22
18-19	.00173	94,663	164	94,581	4,476,080	47.28
19-20	.00210	94,499	199	94,400	4,381,499	46.37
20-21	.00249	94,300	234	94,183	4,287,099	45.46
21-22	.00285	94,066	268	93,932	4,192,916	44.57
22-23	.00313	93,798	294	93,651	4,098,984	43.70
23-24	.00329	93,504	308	93,350	4,005,533	42.84
24-25	.00338	93,196	315	93,059	3,911,983	41.98
25-26	.00343	92,881	318	92,722	3,818,944	41.12
26-27	.00348	92,563	322	92,402	3,726,222	40.26
27-28	.00357	92,241	330	92,076	3,633,820	39.39
28-29	.00370	91,911	340	91,741	3,541,744	38.53
29-30	.00383	91,571	350	91,396	3,450,003	37.68
30-31	.00398	91,221	363	91,039	3,358,607	36.82
31-32	.00417	90,858	379	90,668	3,267,568	35.96
32-33	.00439	90,479	398	90,280	3,176,900	35.11
33-34	.00465	90,081	418	89,872	3,086,620	34.26
34-35	.00493	89,663	442	89,442	2,996,748	33.42
35-36	.00525	89,221	469	88,986	2,907,506	32.59
36-37	.00563	88,752	500	88,502	2,818,520	31.76
37-38	.00606	88,252	534	87,985	2,729,818	30.93
38-39	.00655	87,718	575	87,430	2,641,833	30.12
39-40	.00709	87,143	618	86,834	2,554,403	29.31
40-41	.00769	86,525	665	86,193	2,467,569	28.52
41-42	.00835	85,860	717	85,501	2,381,376	27.74
42-43	.00909	85,143	774	84,756	2,295,875	26.96
43-44	.00991	84,369	836	83,951	2,211,119	26.21
44-45	.01082	83,533	904	83,081	2,127,168	25.47
45-46	.01179	82,629	974	82,142	2,044,087	24.74
46-47	.01280	81,655	1,045	81,132	1,961,945	24.03
47-48	.01383	80,610	1,115	80,052	1,880,813	23.33
48-49	.01487	79,495	1,182	78,904	1,800,761	22.65
49-50	.01593	78,313	1,248	77,689	1,721,857	21.99
50-51	.01704	77,065	1,313	76,409	1,644,168	21.33
51-52	.01822	75,752	1,380	75,062	1,567,759	20.70
52-53	.01949	74,372	1,450	73,647	1,492,697	20.07
53-54	.02086	72,922	1,521	72,162	1,419,050	19.46
54-55	.02231	71,401	1,593	70,605	1,346,888	18.86

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: MARYLAND, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02385	69,808	1,665	68,976	1,276,283	18.28
56-57	.02546	68,143	1,735	67,276	1,207,307	17.72
57-58	.02715	66,408	1,803	65,507	1,140,031	17.17
58-59	.02893	64,605	1,869	63,671	1,074,524	16.63
59-60	.03079	62,736	1,931	61,771	1,010,853	16.11
60-61	.03272	60,805	1,990	59,810	949,082	15.61
61-62	.03473	58,815	2,042	57,794	889,272	15.12
62-63	.03679	56,773	2,089	55,728	831,478	14.65
63-64	.03892	54,684	2,128	53,620	775,750	14.19
64-65	.04114	52,556	2,163	51,474	722,130	13.74
65-66	.04341	50,393	2,187	49,300	670,656	13.31
66-67	.04571	48,206	2,204	47,104	621,356	12.89
67-68	.04803	46,002	2,209	44,898	574,252	12.48
68-69	.05036	43,793	2,206	42,690	529,354	12.09
69-70	.05271	41,587	2,192	40,491	486,664	11.70
70-71	.05509	39,395	2,170	38,310	446,173	11.33
71-72	.05750	37,225	2,140	36,155	407,863	10.96
72-73	.05995	35,085	2,104	34,033	371,708	10.59
73-74	.06260	32,981	2,064	31,949	337,675	10.24
74-75	.06543	30,917	2,023	29,905	305,726	9.89
75-76	.06822	28,894	1,971	27,908	275,821	9.55
76-77	.07074	26,923	1,905	25,970	247,913	9.21
77-78	.07275	25,018	1,820	24,108	221,943	8.87
78-79	.07331	23,198	1,701	22,348	197,835	8.53
79-80	.07433	21,497	1,597	20,698	175,487	8.16
80-81	.07512	19,900	1,495	19,152	154,789	7.78
81-82	.07591	18,405	1,397	17,706	135,637	7.37
82-83	.07670	17,008	1,305	16,355	117,931	6.93
83-84	.08370	15,703	1,314	15,046	101,576	6.47
84-85	.09293	14,389	1,337	13,720	86,530	6.01
85-86	.10402	13,052	1,358	12,373	72,810	5.58
86-87	.11661	11,694	1,364	11,012	60,437	5.17
87-88	.13031	10,330	1,346	9,657	49,425	4.78
88-89	.14541	8,984	1,306	8,331	39,768	4.43
89-90	.16217	7,678	1,245	7,055	31,437	4.09
90-91	.18015	6,433	1,159	5,853	24,382	3.79
91-92	.19893	5,274	1,049	4,749	18,529	3.51
92-93	.21810	4,225	922	3,764	13,780	3.26
93-94	.23793	3,303	786	2,910	10,016	3.03
94-95	.25872	2,517	651	2,192	7,106	2.82
95-96	.28002	1,866	522	1,605	4,914	2.63
96-97	.30143	1,344	405	1,141	3,309	2.46
97-98	.32252	939	303	787	2,168	2.31
98-99	.34357	636	219	527	1,381	2.17
99-100	.36487	417	152	341	854	2.04
100-101	.38598	265	102	214	513	1.93
101-102	.40650	163	66	130	299	1.83
102-103	.42600	97	42	76	169	1.74
103-104	.44418	55	24	43	93	1.66
104-105	.46133	31	14	24	50	1.59
105-106	.47789	17	8	13	26	1.52
106-107	.49430	9	5	7	13	1.46
107-108	.51100	4	2	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00127. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.27 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,392 will complete the first year of life and enter the second; 97,210 will begin the third year; 95,706 will reach age 21; and 35,820 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,608 die in the first year of life, 182 in the second year, 121 in the twenty-second year, and 3,045 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,646. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,646 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,603,792 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,632,346.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,646 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,706 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,603,792) is the total number of years lived after attaining age 21 by the 95,706 reaching that age. This number of years divided by the number of persons (4,603,792 divided by 95,706) gives 48.10 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Massachusetts
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Massachusetts Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.71 years for white males and 72.09 years for white females. This State ranks 14th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MASSACHUSETTS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02596	100,000	2,596	97,717	6,671,654	66.71
1-2	.00155	97,404	151	97,329	6,572,917	67.48
2-3	.00124	97,253	121	97,193	6,475,588	66.58
3-4	.00106	97,132	103	97,081	6,378,395	65.67
4-5	.00082	97,029	79	96,990	6,281,314	64.74
5-6	.00072	96,950	70	96,915	6,184,324	63.79
6-7	.00063	96,880	61	96,850	6,087,409	62.83
7-8	.00056	96,819	54	96,792	5,990,559	61.87
8-9	.00050	96,765	49	96,741	5,893,767	60.91
9-10	.00046	96,716	44	96,694	5,797,026	59.94
10-11	.00044	96,672	43	96,651	5,700,332	58.97
11-12	.00044	96,629	42	96,608	5,603,681	57.99
12-13	.00046	96,587	45	96,565	5,507,073	57.02
13-14	.00052	96,542	50	96,517	5,410,508	56.04
14-15	.00060	96,492	58	96,463	5,313,991	55.07
15-16	.00071	96,434	68	96,400	5,217,528	54.10
16-17	.00081	96,366	78	96,327	5,121,128	53.14
17-18	.00090	96,288	87	96,245	5,024,801	52.19
18-19	.00097	96,201	93	96,155	4,928,556	51.23
19-20	.00104	96,108	100	96,058	4,832,401	50.28
20-21	.00110	96,008	106	95,955	4,736,343	49.33
21-22	.00116	95,902	111	95,847	4,640,388	48.39
22-23	.00120	95,791	115	95,734	4,544,541	47.44
23-24	.00123	95,676	118	95,617	4,448,807	46.50
24-25	.00124	95,558	118	95,499	4,353,190	45.56
25-26	.00125	95,440	119	95,380	4,257,691	44.61
26-27	.00126	95,321	120	95,261	4,162,311	43.67
27-28	.00129	95,201	123	95,139	4,067,050	42.72
28-29	.00134	95,078	128	95,014	3,971,911	41.78
29-30	.00138	94,950	131	94,885	3,876,897	40.83
30-31	.00145	94,819	137	94,751	3,782,012	39.89
31-32	.00154	94,682	146	94,609	3,687,261	38.94
32-33	.00167	94,536	158	94,457	3,592,652	38.00
33-34	.00184	94,378	174	94,291	3,498,195	37.07
34-35	.00204	94,204	192	94,108	3,403,904	36.13
35-36	.00226	94,012	212	93,906	3,309,796	35.21
36-37	.00253	93,800	237	93,681	3,215,890	34.28
37-38	.00282	93,563	264	93,451	3,122,209	33.37
38-39	.00314	93,299	293	93,152	3,028,778	32.46
39-40	.00349	93,006	325	92,843	2,935,626	31.56
40-41	.00388	92,681	359	92,501	2,842,783	30.67
41-42	.00431	92,322	398	92,123	2,750,282	29.79
42-43	.00479	91,924	441	91,703	2,658,159	28.92
43-44	.00532	91,483	486	91,240	2,566,456	28.05
44-45	.00588	90,997	535	90,729	2,475,216	27.20
45-46	.00649	90,462	588	90,168	2,384,487	26.36
46-47	.00718	89,874	645	89,552	2,294,319	25.53
47-48	.00795	89,229	709	88,874	2,204,767	24.71
48-49	.00881	88,520	780	88,130	2,115,893	23.90
49-50	.00976	87,740	856	87,312	2,027,763	23.11
50-51	.01077	86,884	936	86,416	1,940,451	22.33
51-52	.01185	85,948	1,019	85,439	1,854,035	21.57
52-53	.01299	84,929	1,103	84,378	1,768,596	20.82
53-54	.01416	83,826	1,187	83,233	1,684,218	20.09
54-55	.01535	82,639	1,268	82,005	1,600,985	19.37

TABLE 1. LIFE TABLE FOR WHITE MALES: MASSACHUSETTS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In 100,000 year of age, and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01663	81,371	1,354	80,694	1,518,990	18.67
56-57	.01803	80,017	1,442	79,296	1,438,286	17.97
57-58	.01960	78,575	1,540	77,805	1,358,990	17.30
58-59	.02134	77,035	1,644	76,213	1,281,185	16.63
59-60	.02323	75,391	1,752	74,515	1,204,972	15.98
60-61	.02525	73,639	1,859	72,710	1,130,457	15.35
61-62	.02742	71,780	1,968	70,796	1,057,747	14.74
62-63	.02972	69,812	2,075	68,774	986,951	14.14
63-64	.03212	67,737	2,176	66,649	918,177	13.56
64-65	.03460	65,561	2,268	64,427	851,528	12.99
65-66	.03725	63,293	2,358	62,114	787,101	12.44
66-67	.04013	60,935	2,445	59,713	724,987	11.90
67-68	.04331	58,490	2,533	57,223	665,274	11.37
68-69	.04678	55,957	2,618	54,648	608,051	10.87
69-70	.05051	53,339	2,694	51,992	553,403	10.38
70-71	.05448	50,645	2,759	49,265	501,411	9.90
71-72	.05871	47,886	2,812	46,480	452,146	9.44
72-73	.06319	45,074	2,848	43,650	405,666	9.00
73-74	.06782	42,226	2,864	40,794	362,016	8.57
74-75	.07260	39,362	2,857	37,934	321,222	8.16
75-76	.07768	36,505	2,836	35,087	283,288	7.76
76-77	.08322	33,669	2,802	32,268	248,201	7.37
77-78	.08938	30,867	2,759	29,488	215,933	7.00
78-79	.09613	28,108	2,702	26,757	186,445	6.63
79-80	.10338	25,406	2,626	24,093	159,688	6.29
80-81	.11115	22,780	2,532	21,514	135,595	5.95
81-82	.11946	20,248	2,419	19,038	114,081	5.63
82-83	.12835	17,829	2,288	16,685	95,043	5.33
83-84	.13787	15,541	2,143	14,469	78,558	5.04
84-85	.14799	13,398	1,983	12,407	63,889	4.77
85-86	.15864	11,415	1,811	10,510	51,482	4.51
86-87	.16976	9,604	1,630	8,789	40,972	4.27
87-88	.18125	7,974	1,445	7,251	32,183	4.04
88-89	.19293	6,529	1,260	5,899	24,932	3.82
89-90	.20484	5,269	1,079	4,729	19,033	3.61
90-91	.21728	4,190	911	3,735	14,304	3.41
91-92	.23056	3,279	756	2,901	10,569	3.22
92-93	.24496	2,523	618	2,214	7,668	3.04
93-94	.26075	1,905	497	1,657	5,454	2.86
94-95	.27773	1,408	391	1,213	3,797	2.70
95-96	.29551	1,017	300	867	2,584	2.54
96-97	.31371	717	225	604	1,717	2.40
97-98	.33193	492	163	410	1,113	2.27
98-99	.35043	329	116	271	703	2.14
99-100	.36948	213	78	174	432	2.03
100-101	.38868	135	53	108	258	1.92
101-102	.40765	82	33	65	150	1.83
102-103	.42600	49	21	38	85	1.74
103-104	.44358	28	12	22	47	1.66
104-105	.46065	16	8	12	25	1.59
105-106	.47744	8	4	6	13	1.52
106-107	.49415	4	2	3	7	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MASSACHUSETTS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02008	100,000	2,008	98,265	7,209,427	72.09
1-2	.00138	97,992	135	97,924	7,111,162	72.57
2-3	.00089	97,857	87	97,813	7,013,238	71.67
3-4	.00085	97,770	83	97,728	6,915,425	70.73
4-5	.00067	97,687	66	97,654	6,817,697	69.79
5-6	.00053	97,621	52	97,595	6,720,043	68.84
6-7	.00042	97,569	41	97,549	6,622,448	67.87
7-8	.00036	97,528	35	97,511	6,524,899	66.90
8-9	.00032	97,493	31	97,478	6,427,388	65.93
9-10	.00031	97,462	30	97,447	6,329,910	64.95
10-11	.00031	97,432	30	97,417	6,232,463	63.97
11-12	.00032	97,402	31	97,386	6,135,046	62.99
12-13	.00033	97,371	33	97,354	6,037,660	62.01
13-14	.00034	97,338	33	97,322	5,940,306	61.03
14-15	.00035	97,305	34	97,288	5,842,984	60.05
15-16	.00037	97,271	36	97,253	5,745,696	59.07
16-17	.00039	97,235	38	97,216	5,648,443	58.09
17-18	.00042	97,197	41	97,177	5,551,227	57.11
18-19	.00045	97,156	43	97,135	5,454,050	56.14
19-20	.00048	97,113	47	97,089	5,356,915	55.16
20-21	.00051	97,066	49	97,041	5,259,826	54.19
21-22	.00055	97,017	54	96,990	5,162,785	53.22
22-23	.00060	96,963	58	96,934	5,065,795	52.24
23-24	.00065	96,905	63	96,874	4,968,861	51.28
24-25	.00072	96,842	70	96,807	4,871,987	50.31
25-26	.00078	96,772	75	96,735	4,775,180	49.34
26-27	.00085	96,697	82	96,656	4,678,445	48.38
27-28	.00091	96,615	88	96,571	4,581,789	47.42
28-29	.00097	96,527	94	96,480	4,485,218	46.47
29-30	.00102	96,433	98	96,384	4,388,738	45.51
30-31	.00107	96,335	103	96,283	4,292,354	44.56
31-32	.00113	96,232	109	96,177	4,196,071	43.60
32-33	.00121	96,123	116	96,065	4,099,894	42.65
33-34	.00130	96,007	125	95,944	4,003,829	41.70
34-35	.00139	95,882	133	95,815	3,907,885	40.76
35-36	.00149	95,749	143	95,677	3,812,070	39.81
36-37	.00162	95,606	155	95,528	3,716,393	38.87
37-38	.00177	95,451	169	95,367	3,620,865	37.93
38-39	.00195	95,282	186	95,189	3,525,498	37.00
39-40	.00214	95,096	203	94,995	3,430,309	36.07
40-41	.00236	94,893	224	94,781	3,335,314	35.15
41-42	.00261	94,669	247	94,545	3,240,533	34.23
42-43	.00288	94,422	272	94,286	3,145,988	33.32
43-44	.00319	94,150	301	94,000	3,051,702	32.41
44-45	.00352	93,849	330	93,684	2,957,702	31.52
45-46	.00388	93,519	363	93,338	2,864,018	30.62
46-47	.00426	93,156	397	92,958	2,770,680	29.74
47-48	.00466	92,759	432	92,543	2,677,722	28.87
48-49	.00505	92,27	466	92,094	2,585,179	28.00
49-50	.00542	91,661	498	91,612	2,493,085	27.14
50-51	.00583	91,163	533	91,097	2,401,473	26.28
51-52	.00631	90,630	573	90,544	2,310,376	25.44
52-53	.00691	90,057	623	89,945	2,219,832	24.59
53-54	.00762	89,434	683	89,292	2,129,887	23.76
54-55	.00842	88,751	749	88,576	2,040,595	22.94

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MASSACHUSETTS, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00931	88,202	822	87,791	1,952,019	22.13
56-57	.01027	87,380	897	86,932	1,864,228	21.33
57-58	.01132	86,483	979	85,994	1,777,296	20.55
58-59	.01243	85,504	1,063	84,973	1,691,302	19.78
59-60	.01361	84,441	1,149	83,867	1,606,329	19.02
60-61	.01488	83,292	1,239	82,672	1,522,462	18.28
61-62	.01625	82,053	1,334	81,386	1,439,790	17.55
62-63	.01775	80,719	1,432	80,003	1,358,404	16.83
63-64	.01929	79,287	1,530	78,522	1,278,401	16.12
64-65	.02085	77,757	1,621	76,946	1,199,879	15.43
65-66	.02256	76,136	1,718	75,277	1,122,933	14.75
66-67	.02456	74,418	1,828	73,504	1,047,656	14.08
67-68	.02697	72,590	1,957	71,612	974,152	13.42
68-69	.02979	70,633	2,104	69,581	902,540	12.78
69-70	.03294	68,529	2,258	67,400	832,959	12.15
70-71	.03641	66,271	2,413	65,065	765,559	11.55
71-72	.04020	63,858	2,567	62,575	700,494	10.97
72-73	.04432	61,291	2,716	59,933	637,919	10.41
73-74	.04867	58,575	2,851	57,149	577,986	9.87
74-75	.05326	55,724	2,968	54,240	520,837	9.35
75-76	.05821	52,756	3,071	51,221	466,597	8.84
76-77	.06367	49,685	3,163	48,103	415,376	8.36
77-78	.06976	46,522	3,246	44,899	367,273	7.89
78-79	.07644	43,276	3,308	41,622	322,374	7.45
79-80	.08361	39,968	3,341	38,297	280,752	7.02
80-81	.09136	36,627	3,347	34,953	242,455	6.62
81-82	.09974	33,280	3,319	31,621	207,502	6.23
82-83	.10883	29,961	3,261	28,331	175,881	5.87
83-84	.11886	26,700	3,173	25,114	147,550	5.53
84-85	.12977	23,527	3,053	22,000	122,436	5.20
85-86	.14124	20,474	2,892	19,028	100,436	4.91
86-87	.15291	17,582	2,688	16,238	81,408	4.63
87-88	.16446	14,894	2,450	13,669	65,170	4.38
88-89	.17529	12,444	2,181	11,353	51,501	4.14
89-90	.18563	10,263	1,905	9,310	40,148	3.91
90-91	.19636	8,358	1,641	7,537	30,838	3.69
91-92	.20837	6,717	1,400	6,017	23,301	3.47
92-93	.22253	5,317	1,183	4,725	17,284	3.25
93-94	.23933	4,134	990	3,639	12,559	3.04
94-95	.25817	3,144	811	2,739	8,920	2.84
95-96	.27835	2,333	650	2,008	6,181	2.65
96-97	.29912	1,683	503	1,432	4,173	2.48
97-98	.31977	1,180	377	991	2,741	2.32
98-99	.34078	803	274	666	1,750	2.18
99-100	.36263	529	192	433	1,084	2.05
100-101	.38461	337	129	272	651	1.93
101-102	.40597	208	85	165	379	1.83
102-103	.42600	123	52	97	214	1.74
103-104	.44436	71	32	55	117	1.66
104-105	.46153	39	18	30	62	1.59
105-106	.47802	21	10	16	32	1.52
106-107	.49434	11	5	8	16	1.46
107-108	.51100	6	3	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00116. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.16 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,404 will complete the first year of life and enter the second; 97,253 will begin the third year; 95,902 will reach age 21; and 36,505 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,596 die in the first year of life, 151 in the second year, 111 in the twenty-second year, and 2,836 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,847. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,847 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,640,388 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,670,634.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,847 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,902 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,640,388) is the total number of years lived after attaining age 21 by the 95,902 reaching that age. This number of years divided by the number of persons (4,640,388 divided by 95,902) gives 48.39 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Michigan

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Michigan Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.49 years for white males and 71.83 years for white females. This State ranks 22d among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
15	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MICHIGAN, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02962	100,000	2,962	97,395	6,649,291	66.49
1-2	0.0193	97,038	187	96,944	6,551,896	67.52
2-3	0.0118	96,851	115	96,794	6,454,952	66.65
3-4	0.0097	96,736	93	96,690	6,358,158	65.73
4-5	0.0096	96,643	93	96,596	6,261,468	64.79
5-6	0.0086	96,550	83	96,508	6,164,872	63.85
6-7	0.0078	96,467	75	96,429	6,068,364	62.91
7-8	0.0071	96,392	69	96,357	5,971,935	61.95
8-9	0.0066	96,323	63	96,291	5,875,578	61.00
9-10	0.0064	96,260	62	96,229	5,779,287	60.04
10-11	0.0064	96,198	62	96,167	5,683,058	59.08
11-12	0.0066	96,136	63	96,105	5,586,891	58.11
12-13	0.0071	96,073	68	96,039	5,490,786	57.15
13-14	0.0080	96,005	77	95,966	5,394,747	56.19
14-15	0.0093	95,928	89	95,883	5,298,781	55.24
15-16	0.0108	95,839	104	95,787	5,202,898	54.29
16-17	0.0123	95,735	118	95,676	5,107,111	53.35
17-18	0.0135	95,617	129	95,553	5,011,435	52.41
18-19	0.0145	95,488	138	95,419	4,915,882	51.48
19-20	0.0154	95,350	147	95,276	4,820,463	50.56
20-21	0.0161	95,203	153	95,126	4,725,187	49.63
21-22	0.0166	95,050	158	94,971	4,630,061	48.71
22-23	0.0169	94,892	160	94,812	4,535,090	47.79
23-24	0.0167	94,732	159	94,653	4,440,278	46.87
24-25	0.0160	94,573	151	94,498	4,345,625	45.95
25-26	0.0152	94,422	143	94,350	4,251,127	45.02
26-27	0.0146	94,279	138	94,210	4,156,777	44.09
27-28	0.0144	94,141	136	94,073	4,062,567	43.15
28-29	0.0147	94,005	138	93,936	3,968,494	42.22
29-30	0.0153	93,867	143	93,795	3,874,558	41.28
30-31	0.0162	93,724	152	93,648	3,780,763	40.34
31-32	0.0173	93,572	162	93,491	3,687,115	39.40
32-33	0.0185	93,410	173	93,323	3,593,624	38.47
33-34	0.0198	93,237	185	93,145	3,500,301	37.54
34-35	0.0213	93,052	198	92,953	3,407,156	36.62
35-36	0.0229	92,854	212	92,748	3,314,203	35.69
36-37	0.0249	92,642	231	92,526	3,221,455	34.77
37-38	0.0271	92,411	251	92,286	3,128,929	33.86
38-39	0.0296	92,160	272	92,024	3,036,643	32.95
39-40	0.0322	91,888	296	91,740	2,944,619	32.05
40-41	0.0351	91,592	322	91,431	2,852,879	31.15
41-42	0.0386	91,270	352	91,094	2,761,448	30.26
42-43	0.0428	90,918	389	90,723	2,670,354	29.37
43-44	0.0476	90,529	431	90,313	2,579,631	28.50
44-45	0.0530	90,098	478	89,859	2,489,318	27.63
45-46	0.0590	89,620	528	89,356	2,399,459	26.77
46-47	0.0656	89,092	585	88,799	2,310,103	25.93
47-48	0.0728	88,507	644	88,185	2,221,304	25.10
48-49	0.0806	87,863	708	87,509	2,133,119	24.28
49-50	0.0889	87,155	775	86,767	2,045,610	23.47
50-51	0.0979	86,380	846	85,957	1,958,843	22.68
51-52	0.1077	85,534	921	85,074	1,872,886	21.90
52-53	0.1186	84,613	1,003	84,111	1,787,812	21.13
53-54	0.1304	83,610	1,091	83,064	1,703,701	20.38
54-55	0.1429	82,519	1,179	81,930	1,620,637	19.64

TABLE 1. LIFE TABLE FOR WHITE MALES: MICHIGAN, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	•01564	81,340	1,272	80,704	1,558,707	18.92
56-57	•01710	80,068	1,369	79,383	1,458,003	18.21
57-58	•01870	78,699	1,472	77,963	1,378,620	17.52
58-59	•02044	77,227	1,578	76,438	1,300,657	16.84
59-60	•02232	75,649	1,689	74,804	1,224,219	16.18
60-61	•02431	73,960	1,798	73,061	1,149,415	15.54
61-62	•02640	72,162	1,905	71,210	1,075,354	14.92
62-63	•02856	70,257	2,006	69,254	1,005,144	14.31
63-64	•03070	68,251	2,096	67,203	935,890	13.71
64-65	•03282	66,155	2,171	65,070	868,687	13.13
65-66	•03508	63,984	2,245	62,862	803,617	12.56
66-67	•03765	61,739	2,324	60,577	740,755	12.00
67-68	•04067	59,415	2,416	58,207	680,178	11.45
68-69	•04418	56,999	2,519	55,739	621,971	10.91
69-70	•04808	54,480	2,619	53,171	566,232	10.39
70-71	•05231	51,861	2,713	50,505	513,061	9.89
71-72	•05684	49,148	2,793	47,751	462,556	9.41
72-73	•06163	46,355	2,857	44,926	414,805	8.95
73-74	•06661	43,498	2,898	42,049	369,879	8.50
74-75	•07180	40,600	2,915	39,143	327,830	8.07
75-76	•07730	37,685	2,913	36,229	288,687	7.66
76-77	•08323	34,772	2,894	33,325	252,458	7.26
77-78	•08967	31,878	2,858	30,449	219,133	6.87
78-79	•09631	29,020	2,795	27,622	188,684	6.50
79-80	•10309	26,225	2,704	24,873	161,062	6.14
80-81	•11047	23,521	2,598	22,222	136,189	5.79
81-82	•11893	20,923	2,489	19,679	113,967	5.45
82-83	•12856	18,434	2,377	17,246	94,288	5.11
83-84	•14130	16,057	2,269	14,923	77,042	4.80
84-85	•15568	13,788	2,146	12,715	62,119	4.51
85-86	•17090	11,642	1,990	10,647	49,404	4.24
86-87	•18579	9,652	1,793	8,756	38,757	4.02
87-88	•19918	7,859	1,565	7,076	30,001	3.82
88-89	•21030	6,294	1,324	5,632	22,925	3.64
89-90	•21994	4,970	1,093	4,424	17,293	3.48
90-91	•22924	3,877	889	3,433	12,869	3.32
91-92	•23934	2,988	715	2,631	9,436	3.16
92-93	•25139	2,273	571	1,987	6,805	2.99
93-94	•26569	1,702	453	1,476	4,818	2.83
94-95	•28147	1,249	351	1,074	3,342	2.67
95-96	•29828	898	268	764	2,268	2.53
96-97	•31569	630	199	531	1,504	2.39
97-98	•33323	431	144	359	973	2.26
98-99	•35121	287	101	237	614	2.14
99-100	•36992	186	68	152	377	2.03
100-101	•38893	118	46	95	225	1.92
101-102	•40777	72	29	57	130	1.83
102-103	•42600	43	19	33	73	1.74
103-104	•44350	24	10	19	40	1.66
104-105	•46056	14	7	10	21	1.59
105-106	•47737	7	3	6	11	1.52
106-107	•49412	4	2	3	5	1.46
107-108	•51100	2	1	1	2	1.40
108-109	•52810	1	1	1	1	1.35
109-110	•54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MICHIGAN, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.022255	100,000	2,258	98,066	7,183,001	71.83
1-2	.00171	97,762	167	97,678	7,084,935	72.47
2-3	.00096	97,595	94	97,548	6,987,257	71.59
3-4	.00083	97,501	81	97,461	6,889,709	70.66
4-5	.00067	97,420	65	97,388	6,792,248	69.72
5-6	.00064	97,355	62	97,324	6,694,860	68.77
6-7	.00060	97,293	59	97,263	6,597,536	67.81
7-8	.00056	97,234	54	97,207	6,500,273	66.85
8-9	.00052	97,180	51	97,155	6,403,066	65.89
9-10	.00047	97,129	45	97,106	6,305,911	64.92
10-11	.00044	97,084	43	97,062	6,208,805	63.95
11-12	.00042	97,041	41	97,021	6,111,743	62.98
12-13	.00041	97,000	40	96,980	6,014,722	62.01
13-14	.00042	96,960	40	96,940	5,917,742	61.03
14-15	.00046	96,920	45	96,897	5,820,802	60.06
15-16	.00050	96,875	48	96,851	5,723,905	59.09
16-17	.00055	96,827	54	96,800	5,627,054	58.11
17-18	.00059	96,773	57	96,745	5,530,254	57.15
18-19	.00063	96,716	61	96,686	5,433,209	56.18
19-20	.00067	96,655	64	96,623	5,336,823	55.22
20-21	.00071	96,591	69	96,556	5,240,200	54.25
21-22	.00075	96,522	72	96,486	5,143,644	53.29
22-23	.00078	96,450	76	96,412	5,047,158	52.33
23-24	.00081	96,374	78	96,335	4,950,746	51.37
24-25	.00083	96,296	80	96,256	4,854,411	50.41
25-26	.00085	96,216	81	96,176	4,758,155	49.45
26-27	.00087	96,135	84	96,093	4,661,979	48.49
27-28	.00091	96,051	87	96,007	4,565,886	47.54
28-29	.00096	95,964	93	95,918	4,469,879	46.58
29-30	.00101	95,871	96	95,823	4,373,961	45.62
30-31	.00108	95,775	104	95,723	4,278,138	44.67
31-32	.00115	95,671	110	95,616	4,182,415	43.72
32-33	.00123	95,561	117	95,502	4,086,799	42.77
33-34	.00131	95,444	125	95,381	3,991,297	41.82
34-35	.00140	95,319	134	95,252	3,895,916	40.87
35-36	.00150	95,185	143	95,114	3,800,664	39.93
36-37	.00162	95,042	154	94,965	3,705,550	38.99
37-38	.00178	94,888	169	94,804	3,610,585	38.05
38-39	.00198	94,719	187	94,626	3,515,781	37.12
39-40	.00222	94,532	210	94,427	3,421,155	36.19
40-41	.00248	94,322	234	94,205	3,326,728	35.27
41-42	.00276	94,088	260	93,958	3,232,523	34.36
42-43	.00304	93,828	285	93,686	3,138,565	33.45
43-44	.00331	93,543	309	93,388	3,044,879	32.55
44-45	.00359	93,234	335	93,066	2,951,491	31.66
45-46	.00388	92,899	361	92,719	2,858,425	30.77
46-47	.00420	92,538	388	92,344	2,765,706	29.89
47-48	.00457	92,150	421	91,939	2,673,362	29.01
48-49	.00499	91,729	458	91,500	2,581,423	28.14
49-50	.00545	91,271	497	91,022	2,489,923	27.28
50-51	.00595	90,774	541	90,503	2,398,901	26.43
51-52	.00648	90,233	584	89,941	2,308,398	25.58
52-53	.00704	89,649	631	89,333	2,218,457	24.75
53-54	.00759	89,018	676	88,680	2,129,124	23.92
54-55	.00812	88,342	717	87,983	2,040,444	23.10

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MICHIGAN, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	•00571	87,625	764	87,245	1,952,461	22.28
56-57	•00940	86,861	816	86,453	1,865,218	21.47
57-58	•01026	86,045	883	85,603	1,778,765	20.67
58-59	•01128	85,162	961	84,682	1,693,162	19.88
59-60	•01242	84,201	1,045	83,679	1,608,480	19.10
60-61	•01369	83,156	1,139	82,586	1,524,801	18.34
61-62	•01509	82,017	1,237	81,398	1,442,215	17.58
62-63	•01661	80,780	1,342	80,109	1,360,817	16.85
63-64	•01817	79,438	1,444	78,716	1,280,708	16.12
64-65	•01976	77,994	1,541	77,224	1,201,992	15.41
65-66	•02152	76,453	1,645	75,651	1,124,768	14.71
66-67	•02359	74,808	1,765	73,926	1,049,137	14.02
67-68	•02610	73,043	1,906	72,090	975,211	13.35
68-69	•02906	71,137	2,067	70,103	903,121	12.70
69-70	•03238	69,070	2,237	67,951	833,018	12.06
70-71	•03605	66,833	2,409	65,629	765,067	11.45
71-72	•04007	64,424	2,582	63,133	699,438	10.86
72-73	•04444	61,842	2,748	60,468	636,305	10.29
73-74	•04913	59,094	2,903	57,642	575,837	9.74
74-75	•05413	56,191	3,042	54,670	518,195	9.22
75-76	•05950	53,149	3,162	51,568	463,525	8.72
76-77	•06526	49,987	3,262	48,356	411,957	8.24
77-78	•07146	46,725	3,339	45,055	363,601	7.78
78-79	•07787	43,386	3,379	41,697	318,546	7.34
79-80	•08446	40,007	3,379	38,318	276,849	6.92
80-81	•09157	36,628	3,354	34,951	238,531	6.51
81-82	•09953	33,274	3,312	31,618	203,580	6.12
82-83	•10867	29,962	3,256	28,334	171,962	5.74
83-84	•11917	26,706	3,182	25,115	143,628	5.38
84-85	•13082	23,524	3,078	21,985	118,513	5.04
85-86	•14333	20,446	2,930	18,981	96,528	4.72
86-87	•15642	17,516	2,740	16,146	77,547	4.43
87-88	•16981	14,776	2,509	13,521	61,401	4.16
88-89	•18343	12,267	2,250	11,142	47,880	3.90
89-90	•19748	10,017	1,978	9,028	36,738	3.67
90-91	•21205	8,039	1,705	7,186	27,710	3.45
91-92	•22723	6,334	1,439	5,614	20,524	3.24
92-93	•24312	4,895	1,190	4,300	14,910	3.05
93-94	•25992	3,705	963	3,223	10,610	2.86
94-95	•27756	2,742	761	2,361	7,387	2.69
95-96	•29576	1,981	586	1,688	5,026	2.54
96-97	•31420	1,395	438	1,176	3,338	2.39
97-98	•33261	957	319	798	2,162	2.26
98-99	•35117	638	224	526	1,364	2.14
99-100	•37009	414	153	338	838	2.03
100-101	•38906	261	102	210	500	1.92
101-102	•40780	159	65	127	290	1.83
102-103	•42600	94	40	74	163	1.74
103-104	•44354	54	24	42	89	1.66
104-105	•46060	30	14	23	47	1.59
105-106	•47740	16	7	12	24	1.52
106-107	•49413	9	5	6	12	1.46
107-108	•51100	4	2	3	6	1.40
108-109	•52810	2	1	2	3	1.35
109-110	•54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00166. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.66 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,038 will complete the first year of life and enter the second; 96,851 will begin the third year; 95,050 will reach age 21; and 37,685 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,962 die in the first year of life, 187 in the second year, 158 in the twenty-second year, and 2,913 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,971. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,971 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,630,061 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,649,291.

*Column 7—Average remaining lifetime (e_x^0).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,971 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,050 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,630,061) is the total number of years lived after attaining age 21 by the 95,050 reaching that age. This number of years divided by the number of persons (4,630,061 divided by 95,050) gives 48.71 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Minnesota

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Minnesota Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 68.22 years for white males and 73.35 years for white females. This State ranks third among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MINNESOTA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02712	100,000	2,712	97,615	6,821,610	68.22
1-2	.00177	97,288	172	97,202	6,723,995	69.11
2-3	.00141	97,116	137	97,047	6,626,793	68.24
3-4	.00096	96,979	93	96,932	6,529,746	67.33
4-5	.00078	96,886	76	96,848	6,432,814	66.40
5-6	.00076	96,810	73	96,773	6,335,966	65.45
6-7	.00072	96,737	70	96,702	6,239,193	64.50
7-8	.00069	96,667	67	96,634	6,142,491	63.54
8-9	.00066	96,600	63	96,568	6,045,857	62.59
9-10	.00065	96,537	63	96,505	5,949,289	61.63
10-11	.00065	96,474	63	96,442	5,852,784	60.67
11-12	.00067	96,411	65	96,379	5,756,342	59.71
12-13	.00073	96,346	70	96,311	5,659,963	58.75
13-14	.00084	96,276	81	96,236	5,563,652	57.79
14-15	.00099	96,195	95	96,148	5,467,416	56.84
15-16	.00116	96,100	111	96,044	5,371,268	55.89
16-17	.00132	95,989	127	95,925	5,275,224	54.96
17-18	.00143	95,862	137	95,793	5,179,299	54.03
18-19	.00150	95,725	144	95,653	5,083,506	53.11
19-20	.00154	95,581	147	95,508	4,987,853	52.18
20-21	.00156	95,434	149	95,360	4,892,345	51.26
21-22	.00157	95,285	149	95,210	4,796,985	50.34
22-23	.00157	95,136	150	95,061	4,701,775	49.42
23-24	.00155	94,986	147	94,913	4,606,714	48.50
24-25	.00152	94,839	144	94,767	4,511,801	47.57
25-26	.00148	94,695	140	94,625	4,417,034	46.64
26-27	.00144	94,555	137	94,487	4,322,409	45.71
27-28	.00143	94,418	135	94,351	4,227,922	44.78
28-29	.00143	94,283	134	94,216	4,133,571	43.84
29-30	.00145	94,149	137	94,080	4,039,355	42.90
30-31	.00147	94,012	138	93,943	3,945,275	41.97
31-32	.00152	93,874	143	93,803	3,851,332	41.03
32-33	.00161	93,731	151	93,656	3,757,529	40.09
33-34	.00173	93,580	162	93,499	3,663,873	39.15
34-35	.00188	93,418	175	93,331	3,570,374	38.22
35-36	.00206	93,243	192	93,147	3,477,043	37.29
36-37	.00226	93,051	211	92,946	3,383,896	36.37
37-38	.00249	92,840	231	92,725	3,290,950	35.45
38-39	.00273	92,609	253	92,483	3,198,225	34.53
39-40	.00300	92,356	277	92,218	3,105,742	33.63
40-41	.00329	92,079	303	91,928	3,013,524	32.73
41-42	.00361	91,776	331	91,611	2,921,596	31.83
42-43	.00397	91,445	363	91,264	2,829,985	30.95
43-44	.00436	91,082	397	90,883	2,738,721	30.07
44-45	.00478	90,685	434	90,468	2,647,838	29.20
45-46	.00523	90,251	472	90,015	2,557,370	28.34
46-47	.00572	89,779	513	89,523	2,467,355	27.48
47-48	.00625	89,266	558	88,987	2,377,832	26.64
48-49	.00681	88,708	604	88,406	2,288,845	25.80
49-50	.00738	88,104	650	87,779	2,200,439	24.98
50-51	.00801	87,454	701	87,103	2,112,660	24.16
51-52	.00871	86,753	755	86,375	2,025,557	23.35
52-53	.00952	85,998	819	85,588	1,939,182	22.55
53-54	.01043	85,179	889	84,735	1,853,594	21.76
54-55	.01142	84,290	962	83,809	1,768,859	20.99

TABLE 1. LIFE TABLE FOR WHITE MALES: MINNESOTA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01250	83,328	1,042	82,807	1,685,050	20.22
56-57	.01368	82,286	1,125	81,723	1,602,243	19.47
57-58	.01496	81,161	1,215	80,553	1,520,520	18.73
58-59	.01631	79,946	1,304	79,294	1,439,967	18.01
59-60	.01773	78,642	1,394	77,945	1,360,673	17.30
60-61	.01926	77,248	1,488	76,504	1,282,728	16.61
61-62	.02095	75,760	1,587	74,967	1,206,224	15.92
62-63	.02285	74,173	1,695	73,326	1,131,257	15.25
63-64	.02493	72,478	1,807	71,575	1,057,931	14.60
64-65	.02716	70,671	1,919	69,712	986,356	13.96
65-66	.02957	68,752	2,053	67,736	916,644	13.33
66-67	.03220	66,719	2,148	65,645	848,908	12.72
67-68	.03509	64,571	2,266	63,438	783,263	12.13
68-69	.03811	62,305	2,375	61,118	719,825	11.55
69-70	.04125	59,930	2,472	58,694	658,707	10.99
70-71	.04468	57,458	2,567	56,175	600,013	10.44
71-72	.04857	54,891	2,666	53,558	543,838	9.91
72-73	.05309	52,225	2,773	50,839	490,280	9.39
73-74	.05832	49,452	2,884	48,010	439,441	8.89
74-75	.06413	46,568	2,986	45,075	391,431	8.41
75-76	.07042	43,582	3,069	42,047	346,356	7.95
76-77	.07712	40,513	3,124	38,951	304,309	7.51
77-78	.08410	37,389	3,145	35,816	265,358	7.10
78-79	.09116	34,244	3,122	32,683	229,542	6.70
79-80	.09835	31,122	3,060	29,592	196,859	6.33
80-81	.10601	28,062	2,975	26,574	167,267	5.96
81-82	.11448	25,087	2,872	23,651	140,693	5.61
82-83	.12409	22,215	2,757	20,836	117,042	5.27
83-84	.13494	19,458	2,626	18,145	96,206	4.94
84-85	.14680	16,832	2,471	15,597	78,061	4.64
85-86	.15953	14,361	2,291	13,216	62,464	4.35
86-87	.17299	12,070	2,088	11,026	49,248	4.08
87-88	.18704	9,982	1,867	9,049	38,222	3.83
88-89	.20198	8,115	1,639	7,296	29,173	3.59
89-90	.21789	6,476	1,411	5,771	21,877	3.38
90-91	.23434	5,065	1,187	4,472	16,106	3.18
91-92	.25088	3,878	973	3,392	11,634	3.00
92-93	.26707	2,905	776	2,517	8,242	2.84
93-94	.28286	2,129	602	1,828	5,725	2.69
94-95	.29854	1,527	456	1,299	3,897	2.55
95-96	.31419	1,071	356	903	2,598	2.43
96-97	.32989	735	243	613	1,695	2.31
97-98	.34570	492	170	407	1,082	2.20
98-99	.36158	322	116	264	675	2.10
99-100	.37747	206	78	167	411	2.00
100-101	.39346	128	50	103	244	1.91
101-102	.40961	78	32	62	141	1.82
102-103	.42600	46	20	36	79	1.74
103-104	.44270	26	11	20	43	1.67
104-105	.45966	15	7	11	23	1.59
105-106	.47677	8	4	6	12	1.52
106-107	.49392	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MINNESOTA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02165	100,000	2,165	98,129	7,335,376	73.35
1-2	0.0140	97,835	137	97,767	7,237,247	73.97
2-3	0.0109	97,698	106	97,645	7,139,480	73.08
3-4	0.0072	97,592	71	97,556	7,041,835	72.16
4-5	0.0062	97,521	60	97,491	6,944,279	71.21
5-6	0.0057	97,461	56	97,433	6,846,788	70.25
6-7	0.0052	97,405	50	97,380	6,749,355	69.29
7-8	0.0048	97,355	47	97,331	6,651,975	68.33
8-9	0.0045	97,308	44	97,286	6,554,644	67.36
9-10	0.0042	97,264	41	97,244	6,457,358	66.39
10-11	0.0040	97,223	39	97,204	6,360,114	65.42
11-12	0.0039	97,184	38	97,165	6,262,910	64.44
12-13	0.0039	97,146	37	97,128	6,165,745	63.47
13-14	0.0040	97,109	39	97,089	6,068,617	62.49
14-15	0.0043	97,070	42	97,049	5,971,528	61.52
15-16	0.0046	97,028	45	97,006	5,874,479	60.54
16-17	0.0049	96,983	47	96,960	5,777,473	59.57
17-18	0.0052	96,936	51	96,911	5,680,513	58.60
18-19	0.0055	96,885	53	96,859	5,583,602	57.63
19-20	0.0058	96,832	56	96,804	5,486,743	56.66
20-21	0.0060	96,776	58	96,747	5,389,939	55.69
21-22	0.0063	96,718	61	96,687	5,293,192	54.73
22-23	0.0065	96,657	63	96,626	5,196,505	53.76
23-24	0.0066	96,594	64	96,562	5,099,879	52.80
24-25	0.0067	96,530	64	96,498	5,003,317	51.83
25-26	0.0068	96,466	66	96,433	4,906,819	50.87
26-27	0.0069	96,400	66	96,367	4,810,386	49.90
27-28	0.0071	96,334	69	96,299	4,714,019	48.93
28-29	0.0074	96,265	71	96,230	4,617,720	47.97
29-30	0.0077	96,194	74	96,157	4,521,490	47.00
30-31	0.0081	96,120	78	96,081	4,425,333	46.04
31-32	0.0086	96,042	83	96,001	4,329,252	45.08
32-33	0.0093	95,959	89	95,915	4,233,251	44.12
33-34	0.0102	95,870	98	95,821	4,137,336	43.16
34-35	0.0113	95,772	108	95,718	4,041,515	42.20
35-36	0.0126	95,664	120	95,604	3,945,797	41.25
36-37	0.0139	95,544	133	95,477	3,850,193	40.30
37-38	0.0153	95,411	146	95,338	3,754,716	39.35
38-39	0.0167	95,265	159	95,185	3,659,378	38.41
39-40	0.0180	95,106	171	95,020	3,564,193	37.48
40-41	0.0195	94,935	186	94,842	3,469,173	36.54
41-42	0.0213	94,749	201	94,649	3,374,331	35.61
42-43	0.0234	94,548	222	94,437	3,279,682	34.69
43-44	0.0260	94,326	245	94,204	3,185,245	33.77
44-45	0.0290	94,081	273	93,945	3,091,041	32.86
45-46	0.0322	93,808	302	93,657	2,997,096	31.95
46-47	0.0355	93,506	332	93,340	2,903,439	31.05
47-48	0.0388	93,174	361	92,994	2,810,099	30.16
48-49	0.0418	92,813	388	92,619	2,717,105	29.28
49-50	0.0447	92,425	413	92,218	2,624,486	28.40
50-51	0.0477	92,012	439	91,792	2,532,268	27.52
51-52	0.0512	91,573	469	91,338	2,440,476	26.65
52-53	0.0556	91,104	507	90,851	2,349,138	25.79
53-54	0.0608	90,597	550	90,322	2,258,287	24.93
54-55	0.0666	90,047	600	89,747	2,167,965	24.08

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MINNESOTA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00730	89,447	653	89,120	2,078,218	23.23
56-57	.00802	88,794	712	88,438	1,989,098	22.40
57-58	.00882	88,082	777	87,693	1,900,660	21.58
58-59	.00967	87,305	844	86,883	1,812,967	20.77
59-60	.01057	86,461	914	86,004	1,726,084	19.96
60-61	.01157	85,547	990	85,052	1,640,080	19.17
61-62	.01271	84,557	1,075	84,020	1,555,028	18.39
62-63	.01405	83,482	1,173	82,896	1,471,008	17.62
63-64	.01555	82,309	1,280	81,669	1,388,112	16.86
64-65	.01718	81,029	1,392	80,333	1,306,443	16.12
65-66	.01899	79,637	1,512	78,881	1,226,110	15.40
66-67	.02103	78,125	1,643	77,304	1,147,229	14.68
67-68	.02336	76,482	1,787	75,589	1,069,925	13.99
68-69	.02591	74,695	1,935	73,728	994,336	13.31
69-70	.02864	72,760	2,084	71,718	920,608	12.65
70-71	.03165	70,676	2,237	69,558	848,890	12.01
71-72	.03503	68,439	2,397	67,241	779,332	11.39
72-73	.03889	66,042	2,568	64,758	712,091	10.78
73-74	.04315	63,474	2,739	62,104	647,333	10.20
74-75	.04775	60,735	2,900	59,285	585,229	9.64
75-76	.05279	57,835	3,054	56,308	525,944	9.09
76-77	.05837	54,781	3,197	53,183	469,636	8.57
77-78	.06458	51,584	3,331	49,918	416,453	8.07
78-79	.07138	48,253	3,445	46,530	366,535	7.60
79-80	.07871	44,808	3,527	43,045	320,005	7.14
80-81	.08663	41,281	3,576	39,493	276,960	6.71
81-82	.09521	37,705	3,590	35,910	237,467	6.30
82-83	.10453	34,115	3,566	32,332	201,557	5.91
83-84	.11451	30,549	3,498	28,800	169,225	5.54
84-85	.12509	27,051	3,384	25,359	140,425	5.19
85-86	.13641	23,667	3,228	22,053	115,066	4.86
86-87	.14855	20,439	3,036	18,921	93,013	4.55
87-88	.16165	17,403	2,814	15,996	74,092	4.26
88-89	.17584	14,589	2,565	13,307	58,096	3.98
89-90	.19105	12,024	2,297	10,875	44,789	3.72
90-91	.20705	9,727	2,014	8,720	33,914	3.49
91-92	.22365	7,713	1,725	6,850	25,194	3.27
92-93	.24060	5,988	1,441	5,268	18,344	3.06
93-94	.25809	4,547	1,173	3,960	13,076	2.88
94-95	.27626	3,374	932	2,908	9,116	2.70
95-96	.29486	2,442	720	2,082	6,208	2.54
96-97	.31362	1,722	540	1,452	4,126	2.40
97-98	.33229	1,182	393	985	2,674	2.26
98-99	.35104	789	277	651	1,689	2.14
99-100	.37005	512	189	417	1,038	2.03
100-101	.38905	323	126	260	621	1.92
101-102	.40778	197	80	157	361	1.83
102-103	.42600	117	50	92	204	1.74
103-104	.44356	67	30	52	112	1.66
104-105	.46063	37	17	29	60	1.59
105-106	.47742	20	9	15	31	1.52
106-107	.49414	11	6	8	16	1.46
107-108	.51100	5	2	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00157. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.57 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,288 will complete the first year of life and enter the second; 97,116 will begin the third year; 95,285 will reach age 21; and 43,582 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,712 die in the first year of life, 172 in the second year, 149 in the twenty-second year, and 3,069 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,210. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,210 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,796,985 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,821,610.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,210 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,285 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,796,985) is the total number of years lived after attaining age 21 by the 95,285 reaching that age. This number of years divided by the number of persons (4,796,985 divided by 95,285) gives 50.34 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Mississippi
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Mississippi Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years, 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.34 years for white males, 72.56 years for white females, 60.06 years for nonwhite males, and 62.30 years for nonwhite females. This State ranks 26th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MISSISSIPPI, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.03401	100,000	3,401	97,009	6,633,885	66.34
1-2	.00260	96,599	251	96,473	6,536,876	67.67
2-3	.00145	96,348	140	96,278	6,440,403	66.85
3-4	.00090	96,208	86	96,165	6,344,125	65.94
4-5	.00078	96,122	75	96,084	6,247,960	65.00
5-6	.00070	96,047	68	96,013	6,151,876	64.05
6-7	.00064	95,979	61	95,949	6,055,863	63.10
7-8	.00060	95,918	58	95,889	5,959,914	62.14
8-9	.00058	95,860	55	95,833	5,864,025	61.17
9-10	.00059	95,805	57	95,777	5,768,192	60.21
10-11	.00062	95,748	59	95,719	5,672,415	59.24
11-12	.00066	95,689	63	95,657	5,576,696	58.28
12-13	.00073	95,626	70	95,591	5,481,039	57.32
13-14	.00083	95,556	79	95,516	5,385,448	56.36
14-15	.00095	95,477	91	95,431	5,289,932	55.41
15-16	.00110	95,386	105	95,333	5,194,501	54.46
16-17	.00124	95,281	118	95,222	5,099,168	53.52
17-18	.00138	95,163	131	95,097	5,003,946	52.58
18-19	.00151	95,032	144	94,960	4,908,849	51.65
19-20	.00164	94,888	156	94,810	4,813,889	50.73
20-21	.00177	94,732	167	94,649	4,719,079	49.82
21-22	.00189	94,565	179	94,475	4,624,430	48.90
22-23	.00198	94,386	187	94,293	4,529,955	47.99
23-24	.00205	94,199	193	94,103	4,435,662	47.09
24-25	.00210	94,006	197	93,907	4,341,559	46.18
25-26	.00213	93,809	200	93,709	4,247,652	45.28
26-27	.00217	93,609	203	93,507	4,153,943	44.38
27-28	.00220	93,406	206	93,303	4,060,436	43.47
28-29	.00223	93,200	208	93,096	3,967,133	42.57
29-30	.00224	92,992	208	92,888	3,874,037	41.66
30-31	.00226	92,784	210	92,679	3,781,149	40.75
31-32	.00229	92,574	212	92,468	3,688,470	39.84
32-33	.00236	92,362	218	92,253	3,596,002	38.93
33-34	.00245	92,144	225	92,031	3,503,749	38.02
34-35	.00256	91,919	236	91,801	3,411,718	37.12
35-36	.00270	91,683	247	91,560	3,319,917	36.21
36-37	.00286	91,436	262	91,305	3,228,357	35.31
37-38	.00306	91,174	279	91,035	3,137,052	34.41
38-39	.00330	90,895	300	90,745	3,046,017	33.51
39-40	.00356	90,595	322	90,434	2,955,272	32.62
40-41	.00386	90,273	349	90,099	2,864,838	31.74
41-42	.00420	89,924	377	89,735	2,774,739	30.86
42-43	.00458	89,547	410	89,342	2,685,004	29.98
43-44	.00499	89,137	445	88,914	2,595,662	29.12
44-45	.00542	88,692	481	88,451	2,506,748	28.26
45-46	.00590	88,211	520	87,951	2,418,297	27.41
46-47	.00646	87,691	567	87,407	2,330,346	26.57
47-48	.00713	87,124	621	86,813	2,242,939	25.74
48-49	.00793	86,503	686	86,160	2,156,126	24.93
49-50	.00883	85,817	758	85,438	2,069,966	24.12
50-51	.00981	85,059	834	84,642	1,984,528	23.33
51-52	.01084	84,225	913	83,768	1,899,886	22.56
52-53	.01186	83,312	988	82,818	1,816,118	21.80
53-54	.01285	82,324	1,058	81,795	1,733,300	21.05
54-55	.01384	81,266	1,125	80,703	1,651,505	20.32

TABLE 1. LIFE TABLE FOR WHITE MALES: MISSISSIPPI, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01487	80,141	1,192	79,545	1,570,802	19.60
56-57	.01600	78,949	1,263	78,318	1,491,257	18.89
57-58	.01727	77,686	1,341	77,015	1,412,939	18.19
58-59	.01870	76,345	1,428	75,631	1,335,924	17.50
59-60	.02025	74,917	1,517	74,158	1,260,293	16.82
60-61	.02191	73,400	1,608	72,596	1,186,135	16.16
61-62	.02367	71,792	1,700	70,942	1,113,539	15.51
62-63	.02551	70,092	1,788	69,198	1,042,597	14.87
63-64	.02732	68,304	1,866	67,371	973,599	14.25
64-65	.02912	66,438	1,934	65,471	906,028	13.64
65-66	.03106	64,504	2,004	63,502	840,557	13.03
66-67	.03333	62,500	2,083	61,458	777,055	12.43
67-68	.03610	60,417	2,181	59,326	715,597	11.84
68-69	.03937	58,236	2,293	57,089	656,271	11.27
69-70	.04303	55,943	2,407	54,740	599,182	10.71
70-71	.04708	53,536	2,521	52,276	544,442	10.17
71-72	.05149	51,015	2,626	49,702	492,166	9.65
72-73	.05627	48,389	2,723	47,027	442,464	9.14
73-74	.06128	45,666	2,799	44,267	395,437	8.66
74-75	.06654	42,867	2,852	41,441	351,170	8.19
75-76	.07223	40,015	2,890	38,570	309,729	7.74
76-77	.07855	37,125	2,916	35,667	271,159	7.30
77-78	.08569	34,209	2,932	32,743	235,492	6.88
78-79	.09358	31,277	2,927	29,814	202,749	6.48
79-80	.10210	28,350	2,894	26,903	172,935	6.10
80-81	.11134	25,456	2,834	24,039	146,032	5.74
81-82	.12144	22,622	2,748	21,248	121,993	5.39
82-83	.13250	19,874	2,633	18,558	100,745	5.07
83-84	.14538	17,241	2,506	15,988	82,187	4.77
84-85	.16001	14,735	2,358	13,556	66,199	4.49
85-86	.17509	12,377	2,167	11,293	52,643	4.25
86-87	.18935	10,210	1,933	9,243	41,350	4.05
87-88	.20150	8,277	1,668	7,443	32,107	3.88
88-89	.21027	6,609	1,390	5,914	24,664	3.73
89-90	.21651	5,219	1,130	4,654	18,750	3.59
90-91	.22213	4,089	908	3,635	14,096	3.45
91-92	.22904	3,181	729	2,817	10,461	3.29
92-93	.23913	2,452	586	2,159	7,644	3.12
93-94	.25292	1,866	472	1,630	5,485	2.94
94-95	.26914	1,394	375	1,206	3,855	2.77
95-96	.28702	1,019	293	873	2,649	2.60
96-97	.30578	726	222	615	1,776	2.45
97-98	.32467	504	163	422	1,161	2.30
98-99	.34419	341	118	282	739	2.17
99-100	.36485	223	81	183	457	2.04
100-101	.38589	142	55	114	274	1.93
101-102	.40653	87	35	69	160	1.83
102-103	.42600	52	22	41	91	1.74
103-104	.44405	30	14	23	50	1.66
104-105	.46118	16	7	13	27	1.59
105-106	.47778	9	4	7	14	1.52
106-107	.49426	5	3	3	7	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MISSISSIPPI, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02605	100,000	2,605	97,749	7,256,113	72.56
1-2	0.0201	97,395	196	97,297	7,158,364	73.50
2-3	0.0118	97,199	114	97,142	7,061,067	72.65
3-4	0.0086	97,085	84	97,043	6,963,925	71.73
4-5	0.0074	97,001	72	96,965	6,866,882	70.79
5-6	0.0065	96,929	63	96,898	6,769,917	69.84
6-7	0.0057	96,866	55	96,839	6,673,019	68.89
7-8	0.0050	96,811	48	96,787	6,576,180	67.93
8-9	0.0044	96,763	43	96,741	6,479,393	66.96
9-10	0.0040	96,720	39	96,701	6,382,652	65.99
10-11	0.0037	96,681	35	96,663	6,285,951	65.02
11-12	0.0035	96,646	34	96,629	6,189,288	64.04
12-13	0.0035	96,612	34	96,595	6,092,659	63.06
13-14	0.0037	96,578	36	96,560	5,996,064	62.09
14-15	0.0041	96,542	39	96,522	5,899,504	61.11
15-16	0.0046	96,503	45	96,480	5,802,982	60.13
16-17	0.0052	96,458	50	96,433	5,706,502	59.16
17-18	0.0057	96,408	55	96,381	5,610,069	58.19
18-19	0.0061	96,353	59	96,324	5,513,688	57.22
19-20	0.0064	96,294	61	96,264	5,417,364	56.26
20-21	0.0068	96,233	66	96,200	5,321,100	55.29
21-22	0.0072	96,167	69	96,133	5,224,900	54.33
22-23	0.0078	96,098	75	96,061	5,128,767	53.37
23-24	0.0085	96,023	82	95,982	5,032,706	52.41
24-25	0.0094	95,941	90	95,896	4,936,724	51.46
25-26	0.0103	95,851	98	95,802	4,840,828	50.50
26-27	0.0112	95,753	108	95,699	4,745,026	49.55
27-28	0.0120	95,645	114	95,588	4,649,327	48.61
28-29	0.0126	95,531	121	95,470	4,553,739	47.67
29-30	0.0131	95,410	125	95,348	4,458,269	46.73
30-31	0.0136	95,285	129	95,220	4,362,921	45.79
31-32	0.0140	95,156	134	95,089	4,267,701	44.85
32-33	0.0146	95,022	138	94,953	4,172,612	43.91
33-34	0.0152	94,884	145	94,812	4,077,659	42.98
34-35	0.0158	94,739	149	94,665	3,982,847	42.04
35-36	0.0164	94,590	155	94,512	3,888,182	41.11
36-37	0.0173	94,435	164	94,353	3,793,670	40.17
37-38	0.0184	94,271	173	94,185	3,699,317	39.24
38-39	0.0197	94,098	186	94,005	3,605,132	38.31
39-40	0.0212	93,912	199	93,813	3,511,127	37.39
40-41	0.0229	93,713	214	93,606	3,417,314	36.47
41-42	0.0250	93,499	234	93,382	3,323,708	35.55
42-43	0.0274	93,265	256	93,137	3,230,326	34.64
43-44	0.0305	93,009	283	92,868	3,137,189	33.73
44-45	0.0343	92,726	318	92,567	3,044,321	32.83
45-46	0.0383	92,408	354	92,231	2,951,754	31.94
46-47	0.0420	92,054	387	91,860	2,859,523	31.06
47-48	0.0452	91,667	414	91,460	2,767,663	30.19
48-49	0.0474	91,253	433	91,037	2,676,203	29.33
49-50	0.0488	90,820	443	90,599	2,585,166	28.46
50-51	0.0501	90,377	453	90,151	2,494,567	27.60
51-52	0.0518	89,924	466	89,691	2,404,416	26.74
52-53	0.0547	89,458	489	89,214	2,314,725	25.87
53-54	0.0585	88,969	520	88,709	2,225,511	25.01
54-55	0.0628	88,449	556	88,171	2,136,802	24.16

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MISSISSIPPI, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00679	87,893	597	87,595	2,048,631	23.51
56-57	.00739	87,296	645	86,974	1,961,036	22.46
57-58	.00812	86,651	703	86,300	1,874,062	21.63
58-59	.00895	85,948	770	85,563	1,787,762	20.80
59-60	.00987	85,178	840	84,758	1,702,199	19.98
60-61	.01091	84,338	920	83,878	1,617,441	19.18
61-62	.01209	83,418	1,009	82,913	1,533,563	18.38
62-63	.01344	82,409	1,107	81,855	1,450,650	17.60
63-64	.01490	81,302	1,212	80,696	1,368,795	16.84
64-65	.01646	80,090	1,318	79,431	1,288,099	16.08
65-66	.01820	78,772	1,434	78,055	1,208,668	15.34
66-67	.02021	77,338	1,563	76,557	1,130,613	14.62
67-68	.02259	75,775	1,712	74,919	1,054,056	13.91
68-69	.02525	74,063	1,870	73,128	979,137	13.22
69-70	.02814	72,193	2,031	71,178	906,009	12.55
70-71	.03137	70,162	2,201	69,061	834,831	11.90
71-72	.03506	67,961	2,383	66,769	765,770	11.27
72-73	.03931	65,578	2,578	64,289	699,001	10.66
73-74	.04424	63,000	2,787	61,607	634,712	10.07
74-75	.04977	60,213	2,997	58,715	573,105	9.52
75-76	.05574	57,216	3,189	55,622	514,590	8.99
76-77	.06199	54,027	3,349	52,353	458,768	8.49
77-78	.06835	50,678	3,464	48,946	406,415	8.02
78-79	.07440	47,214	3,513	45,458	357,469	7.57
79-80	.08025	43,701	3,507	41,948	312,011	7.14
80-81	.08653	40,194	3,478	38,455	270,063	6.72
81-82	.09388	36,716	3,447	34,993	231,608	6.31
82-83	.10294	33,269	3,424	31,557	196,615	5.91
83-84	.11452	29,845	3,418	28,136	165,058	5.53
84-85	.12821	26,427	3,388	24,733	136,922	5.18
85-86	.14277	23,039	3,290	21,394	112,189	4.87
86-87	.15698	19,749	3,100	18,199	90,795	4.60
87-88	.16961	16,649	2,824	15,237	72,596	4.36
88-89	.17955	13,825	2,482	12,584	57,359	4.15
89-90	.18763	11,343	2,128	10,279	44,775	3.95
90-91	.19550	9,215	1,802	8,314	34,496	3.74
91-92	.20483	7,413	1,518	6,654	26,182	3.53
92-93	.21729	5,895	1,281	5,254	19,528	3.31
93-94	.23349	4,614	1,077	4,075	14,274	3.09
94-95	.25231	3,537	893	3,090	10,199	2.88
95-96	.27285	2,644	721	2,284	7,109	2.69
96-97	.29419	1,923	566	1,640	4,825	2.51
97-98	.31542	1,357	428	1,143	3,185	2.35
98-99	.33715	929	313	772	2,042	2.20
99-100	.35998	616	222	505	1,270	2.06
100-101	.38301	394	151	319	765	1.94
101-102	.40532	243	98	194	446	1.83
102-103	.42600	145	62	114	252	1.74
103-104	.44464	83	37	65	138	1.66
104-105	.46184	46	21	35	73	1.59
105-106	.47823	25	12	19	38	1.52
106-107	.49441	13	6	10	19	1.46
107-108	.51100	7	4	5	9	1.40
108-109	.52810	3	1	2	4	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: MISSISSIPPI, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.05114	100,000	5,114	95,738	6,006,397	60.06
1-2	.00490	94,886	465	94,654	5,910,659	62.29
2-3	.00266	94,421	251	94,295	5,816,005	61.60
3-4	.00184	94,170	173	94,083	5,721,710	60.76
4-5	.00170	93,997	160	93,917	5,627,627	59.87
5-6	.00138	93,837	130	93,772	5,533,710	58.97
6-7	.00115	93,707	107	93,653	5,439,938	58.05
7-8	.00100	93,600	94	93,553	5,346,285	57.12
8-9	.00093	93,506	87	93,462	5,252,732	56.18
9-10	.00092	93,419	86	93,376	5,159,270	55.23
10-11	.00096	93,333	90	93,288	5,065,894	54.28
11-12	.00104	93,243	97	93,195	4,972,606	53.33
12-13	.00116	93,146	108	93,092	4,879,411	52.38
13-14	.00132	93,038	122	92,977	4,786,319	51.44
14-15	.00153	92,916	143	92,845	4,693,342	50.51
15-16	.00177	92,773	164	92,691	4,600,497	49.59
16-17	.00203	92,609	188	92,515	4,507,806	48.68
17-18	.00231	92,421	213	92,315	4,415,291	47.77
18-19	.00262	92,208	242	92,087	4,322,976	46.88
19-20	.00296	91,966	272	91,830	4,230,889	46.00
20-21	.00332	91,694	304	91,542	4,139,059	45.14
21-22	.00365	91,390	334	91,223	4,047,517	44.29
22-23	.00395	91,056	360	90,876	3,956,294	43.45
23-24	.00420	90,696	381	90,506	3,865,418	42.62
24-25	.00443	90,315	400	90,115	3,774,912	41.80
25-26	.00463	89,915	416	89,707	3,684,797	40.98
26-27	.00481	89,499	431	89,284	3,595,090	40.17
27-28	.00496	89,068	441	88,848	3,505,806	39.36
28-29	.00507	88,627	450	88,402	3,416,958	38.55
29-30	.00513	88,177	452	87,951	3,328,556	37.75
30-31	.00518	87,725	454	87,498	3,240,605	36.94
31-32	.00526	87,271	459	87,041	3,153,107	36.13
32-33	.00539	86,812	468	86,578	3,066,066	35.32
33-34	.00560	86,344	484	86,102	2,979,488	34.51
34-35	.00585	85,860	502	85,609	2,893,386	33.70
35-36	.00613	85,358	523	85,096	2,807,777	32.89
36-37	.00643	84,835	546	84,562	2,722,681	32.09
37-38	.00673	84,289	567	84,005	2,638,119	31.30
38-39	.00700	83,722	586	83,429	2,554,114	30.51
39-40	.00725	83,136	603	82,834	2,470,685	29.72
40-41	.00752	82,533	621	82,223	2,387,851	28.93
41-42	.00785	81,912	643	81,591	2,305,628	28.15
42-43	.00829	81,269	673	80,933	2,224,037	27.37
43-44	.00883	80,596	712	80,240	2,143,104	26.59
44-45	.00944	79,884	754	79,507	2,062,864	25.82
45-46	.01012	79,130	801	78,730	1,983,357	25.06
46-47	.01088	78,329	852	77,903	1,904,627	24.32
47-48	.01173	77,477	909	77,022	1,826,724	23.58
48-49	.01264	76,568	968	76,084	1,749,702	22.85
49-50	.01362	75,600	1,029	75,085	1,673,618	22.14
50-51	.01469	74,571	1,096	74,023	1,598,533	21.44
51-52	.01586	73,475	1,165	72,892	1,524,510	20.75
52-53	.01716	72,310	1,241	71,689	1,451,618	20.07
53-54	.01863	71,069	1,324	70,407	1,379,929	19.42
54-55	.02026	69,745	1,413	69,038	1,309,522	18.78

TABLE 3. LIFE TABLE FOR NONWHITE MALES: MISSISSIPPI, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.02198	68,332	1,502	67,581	1,240,484	18.15
56-57	.02372	66,830	1,585	66,037	1,172,903	17.55
57-58	.02541	65,245	1,658	64,416	1,106,866	16.96
58-59	.02702	63,587	1,718	62,728	1,042,450	16.39
59-60	.02858	61,869	1,768	60,985	979,722	15.84
60-61	.03016	60,101	1,813	59,194	918,737	15.29
61-62	.03183	58,288	1,855	57,360	859,543	14.75
62-63	.03364	56,433	1,899	55,483	802,183	14.21
63-64	.03556	54,534	1,939	53,565	746,700	13.69
64-65	.03755	52,595	1,975	51,608	693,135	13.18
65-66	.03966	50,620	2,008	49,616	641,527	12.67
66-67	.04194	48,612	2,038	47,593	591,911	12.18
67-68	.04445	46,574	2,071	45,539	544,318	11.69
68-69	.04710	44,503	2,096	43,455	498,779	11.21
69-70	.04986	42,407	2,114	41,350	455,324	10.74
70-71	.05286	40,293	2,130	39,228	413,974	10.27
71-72	.05621	38,163	2,145	37,090	374,746	9.82
72-73	.06006	36,018	2,163	34,936	337,656	9.37
73-74	.06445	33,855	2,182	32,764	302,720	8.94
74-75	.06931	31,673	2,195	30,575	269,956	8.52
75-76	.07454	29,478	2,198	28,379	239,381	8.12
76-77	.08006	27,280	2,184	26,188	211,002	7.73
77-78	.08579	25,096	2,153	24,020	184,814	7.36
78-79	.09160	22,943	2,101	21,892	160,794	7.01
79-80	.09756	20,842	2,034	19,825	138,902	6.66
80-81	.10384	18,808	1,953	17,832	119,077	6.33
81-82	.11061	16,855	1,864	15,923	101,245	6.01
82-83	.11806	14,991	1,770	14,106	85,322	5.69
83-84	.12594	13,221	1,665	12,389	71,216	5.39
84-85	.13413	11,556	1,550	10,781	58,827	5.09
85-86	.14300	10,006	1,431	9,291	48,046	4.80
86-87	.15292	8,575	1,311	7,919	38,755	4.52
87-88	.16425	7,264	1,193	6,667	30,836	4.25
88-89	.17720	6,071	1,076	5,533	24,169	3.98
89-90	.19152	4,995	957	4,517	18,636	3.73
90-91	.20691	4,038	835	3,621	14,119	3.50
91-92	.22305	3,203	715	2,846	10,498	3.28
92-93	.23963	2,488	596	2,190	7,652	3.08
93-94	.25686	1,892	486	1,649	5,462	2.89
94-95	.27495	1,406	387	1,213	3,813	2.71
95-96	.29358	1,019	299	870	2,600	2.55
96-97	.31244	720	225	608	1,730	2.40
97-98	.33122	495	164	413	1,122	2.27
98-99	.35013	331	116	273	709	2.14
99-100	.36937	215	79	175	436	2.03
100-101	.38864	136	53	109	261	1.92
101-102	.40762	83	34	66	152	1.83
102-103	.42600	49	21	39	86	1.74
103-104	.44363	28	12	22	47	1.66
104-105	.46070	16	8	12	25	1.59
105-106	.47747	8	4	6	13	1.52
106-107	.49416	4	2	3	7	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: MISSISSIPPI, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03947	100,000	3,947	96,744	6,230,279	62.30
1-2	.00422	96,053	405	95,850	6,133,535	63.86
2-3	.00211	95,648	202	95,547	6,037,685	63.12
3-4	.00142	95,446	136	95,378	5,942,138	62.26
4-5	.00120	95,310	114	95,253	5,846,760	61.34
5-6	.00107	95,196	102	95,145	5,751,507	60.42
6-7	.00094	95,094	89	95,049	5,656,362	59.48
7-8	.00082	95,005	78	94,966	5,561,313	58.54
8-9	.00072	94,927	69	94,893	5,466,347	57.58
9-10	.00065	94,858	61	94,828	5,371,454	56.63
10-11	.00063	94,797	60	94,767	5,276,626	55.66
11-12	.00065	94,737	62	94,706	5,181,859	54.70
12-13	.00073	94,675	69	94,641	5,087,153	53.73
13-14	.00090	94,606	85	94,564	4,992,512	52.77
14-15	.00114	94,521	108	94,467	4,897,948	51.82
15-16	.00143	94,413	135	94,346	4,803,481	50.88
16-17	.00172	94,278	162	94,197	4,709,135	49.95
17-18	.00196	94,116	184	94,024	4,614,938	49.03
18-19	.00215	93,932	202	93,831	4,520,914	48.13
19-20	.00231	93,730	217	93,622	4,427,083	47.23
20-21	.00246	93,513	230	93,398	4,333,461	46.34
21-22	.00263	93,283	245	93,161	4,240,063	45.45
22-23	.00283	93,038	263	92,906	4,146,902	44.57
23-24	.00308	92,775	286	92,632	4,053,996	43.70
24-25	.00337	92,489	312	92,333	3,961,364	42.83
25-26	.00367	92,177	338	92,008	3,869,031	41.97
26-27	.00396	91,839	364	91,657	3,777,023	41.13
27-28	.00422	91,475	386	91,282	3,685,366	40.29
28-29	.00444	91,089	404	90,887	3,594,084	39.46
29-30	.00463	90,685	420	90,475	3,503,197	38.63
30-31	.00482	90,265	435	90,047	3,412,722	37.81
31-32	.00501	89,830	450	89,605	3,322,675	36.99
32-33	.00524	89,380	469	89,146	3,233,070	36.17
33-34	.00549	88,911	488	88,667	3,143,924	35.36
34-35	.00576	88,423	509	88,169	3,055,257	34.55
35-36	.00605	87,914	532	87,648	2,967,088	33.75
36-37	.00636	87,382	556	87,104	2,879,440	32.95
37-38	.00671	86,826	582	86,535	2,792,336	32.16
38-39	.00709	86,244	612	85,938	2,705,801	31.37
39-40	.00750	85,632	642	85,311	2,619,863	30.59
40-41	.00794	84,990	675	84,653	2,534,552	29.82
41-42	.00842	84,315	710	83,960	2,449,899	29.06
42-43	.00893	83,605	746	83,232	2,365,939	28.30
43-44	.00947	82,859	785	82,466	2,282,707	27.55
44-45	.01004	82,074	824	81,662	2,200,241	26.81
45-46	.01065	81,250	865	80,817	2,118,579	26.07
46-47	.01131	80,385	909	79,930	2,037,762	25.35
47-48	.01202	79,476	956	78,998	1,957,832	24.63
48-49	.01278	78,520	1,003	78,019	1,878,834	23.93
49-50	.01358	77,517	1,053	76,990	1,800,815	23.23
50-51	.01443	76,464	1,103	75,912	1,723,825	22.54
51-52	.01535	75,361	1,157	74,782	1,647,913	21.87
52-53	.01635	74,204	1,213	73,597	1,573,131	21.20
53-54	.01742	72,991	1,272	72,355	1,499,534	20.54
54-55	.01856	71,719	1,331	71,054	1,427,179	19.90

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: MISSISSIPPI, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01977	70,388	1,391	69,692	1,556,125	19.27
56-57	.02106	68,997	1,454	68,270	1,286,433	18.64
57-58	.02245	67,543	1,516	66,785	1,218,163	18.04
58-59	.02392	66,027	1,579	65,237	1,151,378	17.44
59-60	.02547	64,448	1,642	63,627	1,086,141	16.85
60-61	.02711	62,806	1,702	61,955	1,022,514	16.28
61-62	.02885	61,104	1,763	60,222	960,559	15.72
62-63	.03070	59,341	1,822	58,430	900,537	15.17
63-64	.03268	57,519	1,880	56,579	841,907	14.64
64-65	.03477	55,639	1,934	54,672	785,528	14.11
65-66	.03696	53,705	1,985	52,712	730,656	13.60
66-67	.03921	51,720	2,028	50,706	677,944	13.11
67-68	.04150	49,692	2,062	48,661	627,238	12.62
68-69	.04376	47,630	2,085	46,587	578,577	12.15
69-70	.04602	45,545	2,096	44,497	531,990	11.68
70-71	.04836	43,449	2,101	42,399	487,493	11.22
71-72	.05087	41,348	2,103	40,296	445,094	10.76
72-73	.05364	39,245	2,105	38,192	404,798	10.31
73-74	.05644	37,140	2,096	36,092	366,606	9.87
74-75	.05923	35,044	2,076	34,006	330,514	9.43
75-76	.06232	32,968	2,055	31,941	296,508	8.99
76-77	.06604	30,913	2,041	29,893	264,567	8.56
77-78	.07072	28,872	2,042	27,851	234,674	8.13
78-79	.07667	26,830	2,057	25,801	206,823	7.71
79-80	.08367	24,773	2,073	23,737	181,022	7.31
80-81	.09126	22,700	2,071	21,664	157,285	6.93
81-82	.09898	20,629	2,042	19,608	135,621	6.57
82-83	.10635	18,587	1,977	17,598	116,013	6.24
83-84	.11266	16,610	1,871	15,674	98,415	5.93
84-85	.11823	14,739	1,743	13,867	82,741	5.61
85-86	.12412	12,996	1,613	12,190	68,874	5.30
86-87	.13142	11,383	1,496	10,635	56,684	4.98
87-88	.14119	9,887	1,396	9,189	46,049	4.66
88-89	.15378	8,491	1,306	7,838	36,860	4.34
89-90	.16847	7,185	1,210	6,580	29,022	4.04
90-91	.18475	5,975	1,104	5,423	22,442	3.76
91-92	.20212	4,871	985	4,379	17,019	3.49
92-93	.22008	3,886	855	3,459	12,640	3.25
93-94	.23896	3,031	724	2,669	9,181	3.03
94-95	.25910	2,307	598	2,008	6,512	2.82
95-96	.28000	1,709	478	1,470	4,504	2.63
96-97	.30114	1,231	371	1,045	3,034	2.47
97-98	.32203	860	277	722	1,989	2.31
98-99	.34300	583	200	483	1,267	2.17
99-100	.36438	383	140	313	784	2.05
100-101	.38568	243	93	197	471	1.93
101-102	.40639	150	61	119	274	1.83
102-103	.42600	89	38	70	155	1.74
103-104	.44421	51	23	40	85	1.66
104-105	.46137	28	13	22	45	1.59
105-106	.47791	15	7	12	23	1.52
106-107	.49430	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00189. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.89 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,599 will complete the first year of life and enter the second; 96,348 will begin the third year; 94,565 will reach age 21; and 40,015 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,401 die in the first year of life, 251 in the second year, 179 in the twenty-second year, and 2,890 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,475. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,475 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,624,430 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,633,885.

Column 7—Average remaining lifetime (e_x).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,475 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,565 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,624,430) is the total number of years lived after attaining age 21 by the 94,565 reaching that age. This number of years divided by the number of persons (4,624,430 divided by 94,565) gives 48.90 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Missouri

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Missouri Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.75 years for white males and 72.48 years for white females. This State ranks 12th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MISSOURI, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.03034	100,000	3,034	97,332	6,675,419	66.75
1-2	0.0219	96,966	212	96,860	6,578,087	67.84
2-3	0.0164	96,754	159	96,674	6,481,227	66.99
3-4	0.0107	96,595	103	96,543	6,384,553	66.10
4-5	0.0093	96,492	90	96,447	6,288,010	65.17
5-6	0.0086	96,402	83	96,360	6,191,563	64.23
6-7	0.0079	96,319	76	96,281	6,095,203	63.28
7-8	0.0073	96,243	70	96,208	5,998,922	62.33
8-9	0.0068	96,173	66	96,140	5,902,714	61.38
9-10	0.0066	96,107	63	96,076	5,806,574	60.42
10-11	0.0065	96,044	63	96,013	5,710,498	59.46
11-12	0.0067	95,981	64	95,949	5,614,485	58.50
12-13	0.0073	95,917	70	95,882	5,518,536	57.53
13-14	0.0084	95,847	80	95,807	5,422,654	56.58
14-15	0.0099	95,767	95	95,719	5,326,847	55.62
15-16	0.0116	95,672	111	95,616	5,231,128	54.68
16-17	0.0133	95,561	127	95,497	5,135,512	53.74
17-18	0.0146	95,434	140	95,364	5,040,015	52.81
18-19	0.0155	95,294	147	95,220	4,944,651	51.89
19-20	0.0163	95,147	155	95,069	4,849,431	50.97
20-21	0.0169	94,992	161	94,911	4,754,362	50.05
21-22	0.0173	94,831	164	94,749	4,659,451	49.13
22-23	0.0175	94,667	166	94,584	4,564,702	48.22
23-24	0.0174	94,501	164	94,419	4,470,118	47.30
24-25	0.0170	94,337	161	94,257	4,375,699	46.38
25-26	0.0164	94,176	154	94,099	4,281,442	45.46
26-27	0.0160	94,022	150	93,947	4,187,343	44.54
27-28	0.0160	93,872	151	93,796	4,093,396	43.61
28-29	0.0163	93,721	152	93,645	3,999,600	42.68
29-30	0.0169	93,569	159	93,490	3,905,955	41.74
30-31	0.0176	93,410	164	93,328	3,812,465	40.81
31-32	0.0186	93,246	173	93,159	3,719,137	39.89
32-33	0.0197	93,073	184	92,981	3,625,978	38.96
33-34	0.0209	92,889	194	92,792	3,532,997	38.03
34-35	0.0223	92,695	207	92,592	3,440,205	37.11
35-36	0.0239	92,488	221	92,378	3,347,613	36.20
36-37	0.0257	92,267	237	92,149	3,255,235	35.28
37-38	0.0280	92,030	257	91,901	3,163,086	34.37
38-39	0.0306	91,773	281	91,632	3,071,185	33.47
39-40	0.0335	91,492	307	91,338	2,979,553	32.57
40-41	0.0367	91,185	334	91,018	2,888,215	31.67
41-42	0.0404	90,851	367	90,667	2,797,197	30.79
42-43	0.0446	90,484	404	90,282	2,706,530	29.91
43-44	0.0493	90,080	444	89,858	2,616,248	29.04
44-45	0.0545	89,636	489	89,392	2,526,390	28.18
45-46	0.0602	89,147	536	88,879	2,436,998	27.34
46-47	0.0664	88,611	589	88,317	2,348,119	26.50
47-48	0.0731	88,022	643	87,701	2,259,802	25.67
48-49	0.0803	87,379	702	87,028	2,172,101	24.86
49-50	0.0880	86,677	763	86,296	2,085,073	24.06
50-51	0.0962	85,914	826	85,501	1,998,777	23.26
51-52	0.1051	85,088	894	84,641	1,913,276	22.49
52-53	0.1147	84,194	966	83,711	1,828,635	21.72
53-54	0.1248	83,228	1,039	82,709	1,744,924	20.97
54-55	0.1352	82,189	1,111	81,634	1,662,215	20.22

TABLE 1. LIFE TABLE FOR WHITE MALES: MISSOURI, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	•01465	81,078	1,188	80,484	1,580,581	19.49
56-57	•01589	79,890	1,269	79,256	1,500,097	18.78
57-58	•01729	78,621	1,359	77,941	1,420,841	18.07
58-59	•01887	77,262	1,458	76,533	1,342,900	17.38
59-60	•02059	75,804	1,561	75,023	1,266,367	16.71
60-61	•02244	74,243	1,666	73,410	1,191,344	16.05
61-62	•02438	72,577	1,770	71,692	1,117,934	15.40
62-63	•02639	70,807	1,868	69,873	1,046,242	14.78
63-64	•02839	68,939	1,957	67,960	976,369	14.16
64-65	•03039	66,982	2,036	65,964	908,409	13.56
65-66	•03252	64,946	2,112	63,890	842,445	12.97
66-67	•03489	62,834	2,192	61,738	778,555	12.39
67-68	•03761	60,642	2,281	59,501	716,817	11.82
68-69	•04062	58,361	2,371	57,176	657,316	11.26
69-70	•04383	55,990	2,454	54,763	600,140	10.72
70-71	•04735	53,536	2,535	52,269	545,377	10.19
71-72	•05130	51,001	2,616	49,693	493,108	9.67
72-73	•05578	48,385	2,699	47,036	443,415	9.16
73-74	•06069	45,686	2,773	44,300	396,379	8.68
74-75	•06596	42,913	2,850	41,498	352,079	8.20
75-76	•07174	40,083	2,876	38,645	310,581	7.75
76-77	•07817	37,207	2,908	35,753	271,936	7.31
77-78	•08541	34,299	2,930	32,834	236,183	6.89
78-79	•09352	31,369	2,933	29,902	203,349	6.48
79-80	•10239	28,436	2,912	26,980	173,447	6.10
80-81	•11193	25,524	2,857	24,096	146,467	5.74
81-82	•12207	22,667	2,767	21,284	122,371	5.40
82-83	•13270	19,900	2,641	18,580	101,087	5.08
83-84	•14383	17,259	2,482	16,018	82,507	4.78
84-85	•15552	14,777	2,298	13,628	66,489	4.50
85-86	•16776	12,479	2,094	11,432	52,861	4.24
86-87	•18056	10,385	1,875	9,448	41,429	3.99
87-88	•19390	8,510	1,650	7,685	31,981	3.76
88-89	•20798	6,860	1,427	6,147	24,296	3.54
89-90	•22280	5,433	1,210	4,828	18,149	3.34
90-91	•23807	4,223	1,006	3,720	13,321	3.15
91-92	•25352	3,217	815	2,810	9,601	2.98
92-93	•26885	2,402	646	2,079	6,791	2.83
93-94	•28405	1,756	499	1,507	4,712	2.68
94-95	•29931	1,257	376	1,069	3,205	2.55
95-96	•31466	881	277	742	2,136	2.42
96-97	•33012	604	200	504	1,394	2.31
97-98	•34575	404	159	355	890	2.20
98-99	•36151	265	96	217	555	2.10
99-100	•37738	169	64	157	338	2.00
100-101	•39340	105	41	84	201	1.91
101-102	•40959	64	26	51	117	1.82
102-103	•42600	38	16	30	66	1.74
103-104	•44270	22	10	17	36	1.67
104-105	•45966	12	5	9	19	1.59
105-106	•47677	7	4	5	10	1.52
106-107	•49392	3	1	3	5	1.46
107-108	•51100	2	1	1	2	1.40
108-109	•52810	1	1	1	1	1.35
109-110	•54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MISSOURI, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	.002405	100,000	2,405	97,924	7,247,680	72.48
1-2	.00193	97,597	188	97,503	7,149,756	73.26
2-3	.00110	97,409	108	97,355	7,052,253	72.40
3-4	.00105	97,301	102	97,250	6,954,898	71.48
4-5	.00084	97,199	81	97,158	6,857,648	70.55
5-6	.00063	97,118	62	97,087	6,760,490	69.61
6-7	.00049	97,056	47	97,033	6,663,403	68.66
7-8	.00041	97,009	40	96,989	6,566,370	67.69
8-9	.00037	96,969	36	96,951	6,469,381	66.72
9-10	.00036	96,933	35	96,916	6,372,430	65.74
10-11	.00038	96,898	36	96,880	6,275,514	64.76
11-12	.00040	96,862	39	96,842	6,178,634	63.79
12-13	.00043	96,823	42	96,802	6,081,792	62.81
13-14	.00046	96,781	44	96,759	5,984,990	61.84
14-15	.00051	96,737	50	96,712	5,888,231	60.87
15-16	.00056	96,687	54	96,660	5,791,519	59.90
16-17	.00060	96,633	58	96,604	5,694,859	58.93
17-18	.00064	96,575	62	96,544	5,598,255	57.97
18-19	.00066	96,513	63	96,482	5,501,711	57.00
19-20	.00068	96,450	66	96,417	5,405,229	56.04
20-21	.00069	96,384	66	96,351	5,308,812	55.08
21-22	.00071	96,318	69	96,283	5,212,461	54.12
22-23	.00073	96,249	70	96,214	5,116,178	53.16
23-24	.00076	96,179	73	96,142	5,019,964	52.19
24-25	.00081	96,106	78	96,067	4,923,822	51.23
25-26	.00085	96,028	82	95,987	4,827,755	50.27
26-27	.00090	95,946	86	95,903	4,731,768	49.32
27-28	.00095	95,860	91	95,815	4,635,865	48.36
28-29	.00100	95,769	96	95,721	4,540,050	47.41
29-30	.00104	95,673	99	95,623	4,444,329	46.45
30-31	.00109	95,574	104	95,522	4,348,706	45.50
31-32	.00116	95,470	111	95,414	4,253,184	44.55
32-33	.00124	95,359	118	95,300	4,157,770	43.60
33-34	.00135	95,241	129	95,176	4,062,470	42.65
34-35	.00148	95,112	141	95,042	3,967,294	41.71
35-36	.00162	94,971	154	94,894	3,872,252	40.77
36-37	.00177	94,817	167	94,733	3,777,358	39.84
37-38	.00192	94,650	182	94,559	3,682,625	38.91
38-39	.00206	94,468	195	94,370	3,588,066	37.98
39-40	.00220	94,273	207	94,169	3,493,696	37.06
40-41	.00234	94,066	220	93,956	3,399,527	36.14
41-42	.00250	93,846	235	93,728	3,305,571	35.22
42-43	.00270	93,611	253	93,485	3,211,843	34.31
43-44	.00293	93,358	273	93,222	3,118,358	33.40
44-45	.00317	93,085	295	92,937	3,025,136	32.50
45-46	.00344	92,790	320	92,630	2,932,199	31.60
46-47	.00374	92,470	345	92,298	2,839,569	30.71
47-48	.00408	92,125	376	91,937	2,747,271	29.82
48-49	.00444	91,749	408	91,545	2,655,334	28.94
49-50	.00483	91,341	441	91,121	2,563,789	28.07
50-51	.00526	90,900	478	90,661	2,472,668	27.20
51-52	.00572	90,422	517	90,164	2,382,007	26.34
52-53	.00624	89,905	561	89,624	2,291,843	25.49
53-54	.00680	89,344	608	89,040	2,202,219	24.65
54-55	.00740	88,736	656	88,408	2,113,179	23.81

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MISSOURI, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	•00806	88,080	710	87,725	2,024,771	22.99
56-57	•00877	87,370	766	86,987	1,937,046	22.17
57-58	•00956	86,604	828	86,190	1,850,059	21.36
58-59	•01039	85,776	892	85,330	1,763,869	20.56
59-60	•01126	84,884	955	84,407	1,678,539	19.77
60-61	•01222	83,929	1,026	83,416	1,594,132	18.99
61-62	•01330	82,903	1,103	82,352	1,510,716	18.22
62-63	•01456	81,800	1,191	81,205	1,428,564	17.46
63-64	•01593	80,609	1,284	79,967	1,347,159	16.71
64-65	•01738	79,325	1,378	78,636	1,267,192	15.97
65-66	•01901	77,947	1,482	77,206	1,188,556	15.25
66-67	•02091	76,465	1,599	75,665	1,111,350	14.53
67-68	•02319	74,866	1,736	73,998	1,035,685	13.83
68-69	•02579	73,130	1,886	72,127	961,687	13.15
69-70	•02865	71,244	2,041	70,283	889,500	12.49
70-71	•03184	69,203	2,204	68,101	819,277	11.84
71-72	•03544	66,999	2,374	65,812	751,176	11.21
72-73	•03951	64,625	2,554	63,348	685,364	10.61
73-74	•04400	62,071	2,731	60,706	622,016	10.02
74-75	•04887	59,340	2,900	57,890	561,510	9.46
75-76	•05418	56,440	3,058	54,911	503,420	8.92
76-77	•06004	53,382	3,205	51,780	448,509	8.40
77-78	•06651	50,177	3,357	48,509	396,729	7.91
78-79	•07354	46,840	3,445	45,118	348,220	7.43
79-80	•08106	43,395	3,517	41,637	303,102	6.98
80-81	•08918	39,878	3,557	38,100	261,465	6.56
81-82	•09799	36,321	3,559	34,542	223,365	6.15
82-83	•10758	32,762	3,524	31,000	188,823	5.76
83-84	•11781	29,238	3,445	27,516	157,823	5.40
84-85	•12862	25,793	3,317	24,135	130,507	5.05
85-86	•14023	22,476	3,152	20,900	106,172	4.72
86-87	•15283	19,324	2,953	17,847	85,272	4.41
87-88	•16664	16,371	2,728	15,007	67,425	4.12
88-89	•18208	13,643	2,484	12,401	52,418	3.84
89-90	•19899	11,159	2,221	10,048	40,017	3.59
90-91	•21678	8,938	1,937	7,969	29,969	3.35
91-92	•23481	7,001	1,644	6,179	22,000	3.14
92-93	•25247	5,357	1,353	4,681	15,821	2.95
93-94	•26979	4,004	1,080	3,464	11,140	2.78
94-95	•28717	2,924	840	2,504	7,676	2.63
95-96	•30458	2,084	635	1,767	5,172	2.48
96-97	•32199	1,449	466	1,216	3,405	2.35
97-98	•33937	983	334	816	2,189	2.23
98-99	•35674	649	231	533	1,373	2.12
99-100	•37412	418	157	340	840	2.01
100-101	•39148	261	102	210	500	1.92
101-102	•40878	159	65	127	290	1.83
102-103	•42600	94	40	74	163	1.74
103-104	•44310	54	24	42	89	1.67
104-105	•46012	30	14	23	47	1.59
105-106	•47708	16	8	12	24	1.52
106-107	•49403	8	4	6	12	1.46
107-108	•51100	4	2	3	6	1.40
108-109	•52810	2	1	2	3	1.35
109-110	•54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00173. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.73 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,966 will complete the first year of life and enter the second; 96,754 will begin the third year; 94,831 will reach age 21; and 40,083 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,034 die in the first year of life, 212 in the second year, 164 in the twenty-second year, and 2,876 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,749. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,749 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,659,451 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,675,419.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,749 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,831 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,659,451) is the total number of years lived after attaining age 21 by the 94,831 reaching that age. This number of years divided by the number of persons (4,659,451 divided by 94,831) gives 49.13 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Montana

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Montana Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.70 years for white males and 72.40 years for white females. This State ranks 40th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS--SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: MONTANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03078	100,000	3,078	97,293	6,569,664	65.70
1-2	0.0202	96,922	196	96,824	6,472,371	66.78
2-3	0.0140	96,726	135	96,659	6,375,547	65.91
3-4	0.0104	96,591	101	96,541	6,278,888	65.00
4-5	0.0094	96,490	90	96,445	6,182,347	64.07
5-6	0.0093	96,400	90	96,355	6,085,902	63.13
6-7	0.0091	96,310	88	96,266	5,989,547	62.19
7-8	0.0089	96,222	85	96,180	5,893,281	61.25
8-9	0.0087	96,137	84	96,095	5,797,101	60.30
9-10	0.0087	96,053	83	96,011	5,701,006	59.35
10-11	0.0088	95,970	85	95,927	5,604,995	58.40
11-12	0.0092	95,885	88	95,841	5,509,068	57.45
12-13	0.0099	95,797	95	95,749	5,413,227	56.51
13-14	0.0112	95,702	107	95,648	5,317,478	55.56
14-15	0.0129	95,595	124	95,533	5,221,830	54.62
15-16	0.0149	95,471	142	95,400	5,126,297	53.69
16-17	0.0167	95,329	159	95,250	5,030,897	52.77
17-18	0.0179	95,170	170	95,085	4,935,647	51.86
18-19	0.0180	95,000	171	94,914	4,840,562	50.95
19-20	0.0181	94,829	172	94,743	4,745,648	50.04
20-21	0.0182	94,657	172	94,571	4,650,905	49.13
21-22	0.0183	94,485	173	94,398	4,556,334	48.22
22-23	0.0186	94,312	176	94,224	4,461,936	47.31
23-24	0.0189	94,136	177	94,047	4,367,712	46.40
24-25	0.0194	93,959	183	93,867	4,273,665	45.48
25-26	0.0199	93,776	186	93,683	4,179,798	44.57
26-27	0.0204	93,590	191	93,494	4,086,115	43.66
27-28	0.0211	93,399	197	93,300	3,992,621	42.75
28-29	0.0218	93,202	204	93,100	3,899,321	41.84
29-30	0.0225	92,998	209	92,894	3,806,221	40.93
30-31	0.0233	92,789	216	92,681	3,713,327	40.02
31-32	0.0243	92,573	225	92,461	3,620,646	39.11
32-33	0.0258	92,348	238	92,229	3,528,185	38.21
33-34	0.0277	92,110	255	91,982	3,435,956	37.30
34-35	0.0301	91,855	277	91,716	3,343,974	36.40
35-36	0.0327	91,578	299	91,428	3,252,258	35.51
36-37	0.0354	91,279	323	91,117	3,160,830	34.63
37-38	0.0380	90,956	346	90,783	3,069,713	33.75
38-39	0.0403	90,610	365	90,427	2,978,930	32.88
39-40	0.0423	90,245	382	90,054	2,888,503	32.01
40-41	0.0444	89,863	399	89,664	2,798,449	31.14
41-42	0.0473	89,464	423	89,252	2,708,785	30.28
42-43	0.0513	89,041	457	88,813	2,619,533	29.42
43-44	0.0566	88,584	501	88,333	2,530,720	28.57
44-45	0.0630	88,083	555	87,805	2,442,387	27.73
45-46	0.0700	87,528	613	87,221	2,354,582	26.90
46-47	0.0775	86,915	673	86,578	2,267,361	26.09
47-48	0.0852	86,242	735	85,874	2,180,783	25.29
48-49	0.0929	85,507	795	85,110	2,094,909	24.50
49-50	0.1010	84,712	855	84,285	2,009,799	23.73
50-51	0.1094	83,857	918	83,398	1,925,514	22.96
51-52	0.1182	82,939	980	82,449	1,842,116	22.21
52-53	0.1277	81,959	1,047	81,436	1,759,667	21.47
53-54	0.1378	80,912	1,115	80,355	1,678,231	20.74
54-55	0.1484	79,797	1,184	79,205	1,597,876	20.02

TABLE 1. LIFE TABLE FOR WHITE MALES: MONTANA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	•01596	78,613	1,254	77,986	1,518,671	19.32
56-57	•01711	77,359	1,324	76,697	1,440,685	18.62
57-58	•01831	76,035	1,392	75,339	1,363,988	17.94
58-59	•01945	74,643	1,452	73,917	1,288,649	17.26
59-60	•02054	73,191	1,503	72,439	1,214,732	16.60
60-61	•02171	71,688	1,557	70,909	1,142,293	15.93
61-62	•02312	70,131	1,621	69,321	1,071,384	15.28
62-63	•02490	68,510	1,706	67,657	1,002,063	14.63
63-64	•02708	66,804	1,809	65,899	934,406	13.99
64-65	•02956	64,995	1,921	64,034	868,507	13.36
65-66	•03232	63,074	2,039	62,054	804,473	12.75
66-67	•03530	61,035	2,154	59,958	742,419	12.16
67-68	•03847	58,881	2,266	57,748	682,461	11.59
68-69	•04161	56,615	2,355	55,438	624,713	11.03
69-70	•04476	54,260	2,429	53,045	569,275	10.49
70-71	•04822	51,831	2,499	50,581	516,230	9.96
71-72	•05235	49,332	2,583	48,040	465,649	9.44
72-73	•05747	46,749	2,686	45,406	417,609	8.93
73-74	•06400	44,063	2,820	42,653	372,203	8.45
74-75	•07173	41,243	2,959	39,763	329,550	7.99
75-76	•08001	38,284	3,063	36,753	289,787	7.57
76-77	•08822	35,221	3,107	33,667	253,034	7.18
77-78	•09572	32,114	3,074	30,577	219,367	6.83
78-79	•10205	29,040	2,964	27,558	188,790	6.50
79-80	•10765	26,076	2,807	24,673	161,232	6.18
80-81	•11318	23,269	2,633	21,952	136,559	5.87
81-82	•11934	20,636	2,463	19,404	114,607	5.55
82-83	•12679	18,173	2,304	17,021	95,203	5.24
83-84	•13463	15,869	2,137	14,801	78,182	4.93
84-85	•14239	13,732	1,955	12,755	63,381	4.62
85-86	•15146	11,777	1,784	10,885	50,626	4.30
86-87	•16321	9,993	1,631	9,178	39,741	3.98
87-88	•17903	8,362	1,497	7,614	30,563	3.65
88-89	•20121	6,865	1,381	6,175	22,949	3.34
89-90	•22883	5,484	1,255	4,856	16,774	3.06
90-91	•25844	4,229	1,093	3,683	11,918	2.82
91-92	•28660	3,136	899	2,687	8,235	2.63
92-93	•30986	2,237	693	1,891	5,548	2.48
93-94	•32741	1,544	506	1,291	3,657	2.37
94-95	•34157	1,038	354	861	2,366	2.28
95-96	•35351	684	242	563	1,505	2.20
96-97	•36445	442	161	362	942	2.13
97-98	•37557	281	106	228	580	2.06
98-99	•38608	175	67	142	352	2.00
99-100	•39518	108	43	86	210	1.94
100-101	•40407	65	26	52	124	1.88
101-102	•41395	39	16	31	72	1.82
102-103	•42600	23	10	18	41	1.75
103-104	•44079	13	6	10	23	1.67
104-105	•45751	7	3	6	13	1.60
105-106	•47534	4	2	3	7	1.53
106-107	•49345	2	1	2	4	1.46
107-108	•51100	1		1	2	1.40
108-109	•52810	1	1	1	1	1.35
109-110	•54529					1.29

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TABLE 2. LIFE TABLE FOR WHITE FEMALES: MONTANA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02138	100,000	2,158	98,153	7,239,862	72.40
1-2	0.02021	97,862	197	97,764	7,141,709	72.98
2-3	0.01120	97,665	117	97,607	7,043,945	72.12
3-4	0.00999	97,548	96	97,500	6,946,338	71.21
4-5	0.00076	97,452	75	97,414	6,848,838	70.28
5-6	0.00062	97,377	60	97,347	6,751,424	69.33
6-7	0.00052	97,317	51	97,292	6,654,077	68.38
7-8	0.00045	97,266	43	97,245	6,556,785	67.41
8-9	0.00041	97,223	40	97,203	6,459,540	66.44
9-10	0.00039	97,183	38	97,164	6,362,337	65.47
10-11	0.00038	97,145	37	97,126	6,265,173	64.49
11-12	0.00038	97,108	37	97,090	6,168,047	63.52
12-13	0.00039	97,071	38	97,052	6,070,957	62.54
13-14	0.00040	97,033	39	97,014	5,973,905	61.57
14-15	0.00041	96,994	39	96,975	5,876,891	60.59
15-16	0.00043	96,955	42	96,934	5,779,916	59.61
16-17	0.00047	96,913	46	96,890	5,682,982	58.64
17-18	0.00052	96,867	50	96,842	5,586,092	57.67
18-19	0.00060	96,817	58	96,788	5,489,250	56.70
19-20	0.00071	96,759	69	96,725	5,392,462	55.73
20-21	0.00083	96,690	80	96,650	5,295,737	54.77
21-22	0.00094	96,610	91	96,565	5,199,087	53.82
22-23	0.00102	96,519	98	96,470	5,102,522	52.87
23-24	0.00106	96,421	102	96,370	5,006,052	51.92
24-25	0.00107	96,319	103	96,267	4,909,682	50.97
25-26	0.00107	96,216	103	96,164	4,813,415	50.03
26-27	0.00108	96,113	104	96,061	4,717,251	49.08
27-28	0.00112	96,009	108	95,955	4,621,190	48.13
28-29	0.00119	95,901	114	95,844	4,525,235	47.19
29-30	0.00129	95,787	123	95,725	4,429,391	46.24
30-31	0.00139	95,664	133	95,597	4,333,666	45.30
31-32	0.00150	95,531	144	95,459	4,238,069	44.36
32-33	0.00160	95,387	152	95,311	4,142,610	43.43
33-34	0.00168	95,235	160	95,155	4,047,299	42.50
34-35	0.00176	95,075	168	94,991	3,952,144	41.57
35-36	0.00184	94,907	174	94,820	3,857,153	40.64
36-37	0.00193	94,733	183	94,641	3,762,333	39.72
37-38	0.00205	94,550	194	94,453	3,667,692	38.79
38-39	0.00220	94,356	208	94,252	3,573,239	37.87
39-40	0.00236	94,148	222	94,037	3,478,987	36.95
40-41	0.00255	93,926	239	93,807	3,384,950	36.04
41-42	0.00274	93,687	257	93,558	3,291,143	35.13
42-43	0.00294	93,430	275	93,293	3,197,585	34.22
43-44	0.00314	93,155	292	93,009	3,104,292	33.32
44-45	0.00334	92,863	310	92,708	3,011,283	32.43
45-46	0.00356	92,553	330	92,388	2,918,575	31.53
46-47	0.00379	92,223	349	92,048	2,826,187	30.65
47-48	0.00405	91,874	372	91,688	2,734,139	29.76
48-49	0.00432	91,502	396	91,304	2,642,451	28.88
49-50	0.00460	91,106	419	90,897	2,551,147	28.00
50-51	0.00490	90,687	444	90,465	2,460,250	27.13
51-52	0.00526	90,243	475	90,006	2,369,785	26.26
52-53	0.00571	89,768	512	89,512	2,279,779	25.40
53-54	0.00622	89,256	556	88,978	2,190,267	24.54
54-55	0.00676	88,700	599	88,401	2,101,289	23.69

TABLE 2. LIFE TABLE FOR WHITE FEMALES: MONTANA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	•00739	88,101	651	87,775	2,012,888	22.85
56-57	•00812	87,450	710	87,095	1,925,113	22.01
57-58	•00900	86,740	781	86,349	1,838,018	21.19
58-59	•01003	85,959	862	85,528	1,751,669	20.38
59-60	•01120	85,097	953	84,620	1,666,141	19.58
60-61	•01248	84,144	1,050	83,619	1,581,521	18.80
61-62	•01385	83,094	1,151	82,518	1,497,902	18.03
62-63	•01529	81,943	1,253	81,316	1,415,384	17.27
63-64	•01667	80,690	1,345	80,017	1,334,068	16.53
64-65	•01801	79,345	1,429	78,630	1,254,051	15.81
65-66	•01949	77,916	1,519	77,156	1,175,421	15.09
66-67	•02131	76,397	1,628	75,583	1,098,265	14.38
67-68	•02364	74,769	1,767	73,885	1,022,682	13.68
68-69	•02655	73,002	1,939	72,053	948,797	13.00
69-70	•02992	71,063	2,126	70,000	876,764	12.34
70-71	•03365	68,937	2,320	67,777	806,764	11.70
71-72	•03766	66,617	2,508	65,363	738,987	11.09
72-73	•04185	64,109	2,683	62,767	673,624	10.51
73-74	•04601	61,426	2,826	60,013	610,857	9.94
74-75	•05019	58,600	2,942	57,129	550,844	9.40
75-76	•05472	55,658	3,045	54,136	493,715	8.87
76-77	•05993	52,613	3,153	51,036	439,579	8.35
77-78	•06615	49,460	3,272	47,824	388,543	7.86
78-79	•07343	46,188	3,392	44,492	340,719	7.38
79-80	•08154	42,796	3,489	41,052	296,227	6.92
80-81	•09042	39,307	3,554	37,530	255,175	6.49
81-82	•09997	35,753	3,575	33,966	217,645	6.09
82-83	•11012	32,178	3,543	30,407	183,679	5.71
83-84	•12092	28,635	3,463	26,904	153,272	5.35
84-85	•13243	25,172	3,333	23,506	126,368	5.02
85-86	•14456	21,839	3,157	20,260	102,862	4.71
86-87	•15721	18,682	2,937	17,213	82,602	4.42
87-88	•17030	15,745	2,682	14,404	65,389	4.15
88-89	•18375	13,063	2,400	11,863	50,985	3.90
89-90	•19762	10,663	2,107	9,609	39,122	3.67
90-91	•21202	8,556	1,814	7,649	29,513	3.45
91-92	•22707	6,742	1,531	5,976	21,864	3.24
92-93	•24286	5,211	1,266	4,578	15,888	3.05
93-94	•25961	3,945	1,024	3,433	11,310	2.87
94-95	•27724	2,921	810	2,516	7,877	2.70
95-96	•29544	2,111	623	1,799	5,361	2.54
96-97	•31391	1,488	467	1,254	3,562	2.40
97-98	•33235	1,021	340	851	2,308	2.26
98-99	•35095	681	239	562	1,457	2.14
99-100	•36993	442	163	360	895	2.03
100-101	•38896	279	109	224	535	1.92
101-102	•40776	170	69	136	311	1.83
102-103	•42600	101	43	79	175	1.74
103-104	•44355	58	26	45	96	1.66
104-105	•46062	32	15	25	51	1.59
105-106	•47742	17	8	13	26	1.52
106-107	•49414	9	4	7	13	1.46
107-108	•51100	5	3	3	6	1.40
108-109	•52810	2	1	2	3	1.35
109-110	•54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00183. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.83 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,922 will complete the first year of life and enter the second; 96,726 will begin the third year; 94,485 will reach age 21; and 38,284 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,078 die in the first year of life, 196 in the second year, 173 in the twenty-second year, and 3,063 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,398. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,398 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,556,334 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,569,664.

Column 7—Average remaining lifetime (e_x^0).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,398 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,485 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,556,334) is the total number of years lived after attaining age 21 by the 94,485 reaching that age. This number of years divided by the number of persons (4,556,334 divided by 94,485) gives 48.22 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Nebraska

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Nebraska Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 68.24 years for white males and 74.00 years for white females. This State ranks second among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NEBRASKA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02750	100,000	2,750	97,582	6,824,240	68.24
1-2	.00241	97,250	234	97,133	6,726,658	69.17
2-3	.00105	97,016	102	96,965	6,629,525	68.33
3-4	.00101	96,914	98	96,865	6,532,560	67.41
4-5	.00095	96,816	92	96,770	6,435,695	66.47
5-6	.00084	96,724	81	96,683	6,338,925	65.54
6-7	.00076	96,643	74	96,606	6,242,242	64.59
7-8	.00070	96,569	67	96,535	6,145,636	63.64
8-9	.00066	96,502	64	96,470	6,049,101	62.68
9-10	.00065	96,438	63	96,407	5,952,631	61.72
10-11	.00066	96,375	63	96,343	5,856,224	60.76
11-12	.00069	96,312	67	96,278	5,759,881	59.80
12-13	.00075	96,245	72	96,209	5,663,603	58.85
13-14	.00085	96,173	82	96,132	5,567,394	57.89
14-15	.00100	96,091	96	96,043	5,471,262	56.94
15-16	.00116	95,995	111	95,939	5,375,219	55.99
16-17	.00131	95,884	126	95,821	5,279,280	55.06
17-18	.00143	95,758	137	95,690	5,183,459	54.13
18-19	.00151	95,621	144	95,549	5,087,769	53.21
19-20	.00156	95,477	149	95,402	4,992,220	52.29
20-21	.00160	95,328	153	95,252	4,896,818	51.37
21-22	.00163	95,175	155	95,098	4,801,566	50.45
22-23	.00165	95,020	157	94,942	4,706,468	49.53
23-24	.00166	94,863	157	94,785	4,611,526	48.61
24-25	.00166	94,706	157	94,627	4,516,741	47.69
25-26	.00165	94,549	156	94,471	4,422,114	46.77
26-27	.00165	94,393	156	94,315	4,327,643	45.85
27-28	.00167	94,237	157	94,158	4,233,328	44.92
28-29	.00170	94,080	160	94,000	4,139,170	44.00
29-30	.00174	93,920	164	93,838	4,045,170	43.07
30-31	.00179	93,756	168	93,672	3,951,332	42.14
31-32	.00186	93,588	174	93,501	3,857,660	41.22
32-33	.00194	93,414	181	93,324	3,764,159	40.30
33-34	.00204	93,233	190	93,138	3,670,835	39.37
34-35	.00214	93,043	199	92,943	3,577,697	38.45
35-36	.00227	92,844	211	92,738	3,484,754	37.53
36-37	.00241	92,633	223	92,521	3,392,016	36.62
37-38	.00258	92,410	239	92,291	3,299,495	35.70
38-39	.00276	92,171	254	92,044	3,207,204	34.80
39-40	.00294	91,917	270	91,782	3,115,160	33.89
40-41	.00315	91,647	289	91,502	3,023,378	32.99
41-42	.00342	91,358	312	91,202	2,931,876	32.09
42-43	.00376	91,046	343	90,875	2,840,674	31.20
43-44	.00421	90,703	381	90,512	2,749,799	30.32
44-45	.00475	90,322	430	90,107	2,659,287	29.44
45-46	.00533	89,892	479	89,653	2,569,180	28.58
46-47	.00592	89,413	529	89,149	2,479,527	27.73
47-48	.00648	88,884	576	88,596	2,390,378	26.89
48-49	.00694	88,308	613	88,002	2,301,782	26.07
49-50	.00733	87,695	643	87,374	2,213,780	25.24
50-51	.00775	87,052	674	86,715	2,126,406	24.43
51-52	.00827	86,378	715	86,021	2,039,691	23.61
52-53	.00900	85,663	771	85,278	1,953,670	22.81
53-54	.00997	84,892	846	84,469	1,868,392	22.01
54-55	.01113	84,046	935	83,578	1,783,923	21.23

TABLE 1. LIFE TABLE FOR WHITE MALES: NEBRASKA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01240	83,111	1,051	82,595	1,700,545	20.46
56-57	.01373	82,080	1,127	81,517	1,617,750	19.71
57-58	.01505	80,953	1,218	80,344	1,536,233	18.98
58-59	.01630	79,735	1,300	79,085	1,455,889	18.26
59-60	.01751	78,435	1,373	77,748	1,376,804	17.55
60-61	.01879	77,062	1,448	76,338	1,299,056	16.86
61-62	.02023	75,614	1,530	74,849	1,222,718	16.17
62-63	.02190	74,084	1,622	73,273	1,147,869	15.49
63-64	.02376	72,462	1,722	71,601	1,074,596	14.83
64-65	.02575	70,740	1,822	69,829	1,002,995	14.18
65-66	.02795	68,918	1,926	67,955	933,166	13.54
66-67	.03044	66,992	2,039	65,972	865,211	12.92
67-68	.03331	64,953	2,164	63,871	799,239	12.30
68-69	.03656	62,789	2,295	61,641	735,368	11.71
69-70	.04014	60,494	2,429	59,280	673,727	11.14
70-71	.04404	58,065	2,557	56,787	614,447	10.58
71-72	.04825	55,508	2,678	54,169	557,660	10.05
72-73	.05278	52,830	2,788	51,436	503,491	9.53
73-74	.05748	50,042	2,877	48,603	452,055	9.03
74-75	.06235	47,165	2,941	45,695	403,452	8.55
75-76	.06761	44,224	2,990	42,729	357,757	8.09
76-77	.07347	41,234	3,029	39,720	315,028	7.64
77-78	.08016	38,205	3,063	36,674	275,308	7.21
78-79	.08767	35,142	3,080	33,602	238,634	6.79
79-80	.09586	32,062	3,074	30,525	205,032	6.39
80-81	.10473	28,988	3,036	27,470	174,507	6.02
81-82	.11427	25,952	2,965	24,469	147,037	5.67
82-83	.12448	22,987	2,862	21,556	122,568	5.33
83-84	.13568	20,125	2,730	18,760	101,012	5.02
84-85	.14787	17,395	2,572	16,109	82,252	4.73
85-86	.16058	14,823	2,381	13,632	66,143	4.46
86-87	.17332	12,442	2,156	11,364	52,511	4.22
87-88	.18561	10,286	1,909	9,331	41,147	4.00
88-89	.19695	8,377	1,650	7,552	31,816	3.80
89-90	.20765	6,727	1,397	6,028	24,264	3.61
90-91	.21848	5,330	1,164	4,748	18,236	3.42
91-92	.23021	4,166	959	3,686	13,488	3.24
92-93	.24359	3,207	782	2,816	9,802	3.06
93-94	.25895	2,425	628	2,111	6,986	2.88
94-95	.27577	1,797	495	1,550	4,875	2.71
95-96	.29358	1,302	382	1,111	3,325	2.55
96-97	.31191	920	287	776	2,214	2.41
97-98	.33029	633	209	528	1,438	2.27
98-99	.34903	424	148	350	910	2.15
99-100	.36844	276	102	225	560	2.03
100-101	.38805	174	67	140	335	1.92
101-102	.40740	107	44	85	195	1.83
102-103	.42600	63	27	50	110	1.74
103-104	.44369	36	16	28	60	1.66
104-105	.46077	20	9	16	32	1.59
105-106	.47751	11	5	8	16	1.52
106-107	.49417	6	3	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEBRASKA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02003	100,000	2,003	98,269	7,400,129	74.00
1-2	0.0152	97,997	149	97,923	7,301,860	74.51
2-3	0.0104	97,848	102	97,797	7,203,937	73.62
3-4	0.0093	97,746	91	97,701	7,106,140	72.70
4-5	0.0056	97,655	54	97,628	7,008,439	71.77
5-6	0.0056	97,601	55	97,573	6,910,811	70.81
6-7	0.0055	97,546	54	97,519	6,813,238	69.85
7-8	0.0054	97,492	52	97,466	6,715,719	68.88
8-9	0.0053	97,440	52	97,414	6,618,253	67.92
9-10	0.0051	97,388	50	97,363	6,520,839	66.96
10-11	0.0051	97,338	49	97,314	6,423,475	65.99
11-12	0.0050	97,289	49	97,264	6,326,162	65.02
12-13	0.0051	97,240	49	97,215	6,228,898	64.06
13-14	0.0053	97,191	52	97,165	6,131,683	63.09
14-15	0.0056	97,139	54	97,112	6,034,518	62.12
15-16	0.0059	97,085	58	97,056	5,937,406	61.16
16-17	0.0063	97,027	61	96,997	5,840,350	60.19
17-18	0.0066	96,966	64	96,934	5,743,353	59.23
18-19	0.0068	96,902	66	96,869	5,646,419	58.27
19-20	0.0070	96,836	67	96,802	5,549,550	57.31
20-21	0.0072	96,769	70	96,734	5,452,748	56.35
21-22	0.0074	96,699	72	96,663	5,356,014	55.39
22-23	0.0076	96,627	73	96,591	5,259,351	54.43
23-24	0.0077	96,554	74	96,517	5,162,760	53.47
24-25	0.0079	96,480	77	96,441	5,066,243	52.51
25-26	0.0080	96,403	77	96,365	4,969,802	51.55
26-27	0.0081	96,326	78	96,287	4,873,437	50.59
27-28	0.0084	96,248	81	96,208	4,777,150	49.63
28-29	0.0088	96,167	84	96,125	4,680,942	48.68
29-30	0.0092	96,083	89	96,039	4,584,817	47.72
30-31	0.0097	95,994	93	95,948	4,488,778	46.76
31-32	0.0102	95,901	98	95,852	4,392,830	45.81
32-33	0.0108	95,803	103	95,752	4,296,978	44.85
33-34	0.0114	95,700	109	95,645	4,201,226	43.90
34-35	0.0120	95,591	115	95,533	4,105,581	42.95
35-36	0.0127	95,476	121	95,415	4,010,048	42.00
36-37	0.0136	95,355	130	95,290	3,914,633	41.05
37-38	0.0147	95,225	140	95,155	3,819,343	40.11
38-39	0.0162	95,085	154	95,008	3,724,188	39.17
39-40	0.0180	94,931	171	94,846	3,629,180	38.23
40-41	0.0200	94,760	189	94,666	3,534,334	37.30
41-42	0.0220	94,571	208	94,467	3,439,668	36.37
42-43	0.0240	94,363	227	94,249	3,345,201	35.45
43-44	0.0258	94,136	243	94,015	3,250,952	34.53
44-45	0.0276	93,893	259	93,764	3,156,937	33.62
45-46	0.0294	93,634	275	93,497	3,063,173	32.71
46-47	0.0314	93,359	293	93,212	2,969,676	31.81
47-48	0.0338	93,066	315	92,908	2,876,464	30.91
48-49	0.0364	92,751	337	92,582	2,783,556	30.01
49-50	0.0392	92,414	363	92,232	2,690,974	29.12
50-51	0.0423	92,051	389	91,857	2,598,742	28.23
51-52	0.0459	91,662	421	91,452	2,506,885	27.35
52-53	0.0503	91,241	459	91,012	2,415,433	26.47
53-54	0.0555	90,782	504	90,530	2,324,421	25.60
54-55	0.0614	90,278	554	90,001	2,233,891	24.74

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEBRASKA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	•00678	89,724	608	89,420	2,143,890	23.89
56-57	•00748	89,116	667	88,783	2,054,470	23.05
57-58	•00823	88,449	728	88,085	1,965,687	22.22
58-59	•00900	87,721	789	87,327	1,877,602	21.40
59-60	•00978	86,932	850	86,507	1,790,275	20.59
60-61	•01064	86,082	916	85,624	1,703,768	19.79
61-62	•01160	85,166	988	84,672	1,618,144	19.00
62-63	•01273	84,178	1,072	83,642	1,533,472	18.22
63-64	•01395	83,106	1,159	82,527	1,449,830	17.45
64-65	•01525	81,947	1,250	81,322	1,367,303	16.69
65-66	•01670	80,697	1,347	80,023	1,285,981	15.94
66-67	•01840	79,350	1,461	78,620	1,205,958	15.20
67-68	•02044	77,889	1,592	77,093	1,127,338	14.47
68-69	•02273	76,297	1,734	75,430	1,050,245	13.77
69-70	•02520	74,563	1,879	73,624	974,815	13.07
70-71	•02801	72,684	2,036	71,666	901,191	12.40
71-72	•03127	70,648	2,209	69,544	829,525	11.74
72-73	•03513	68,439	2,404	67,237	759,981	11.10
73-74	•03959	66,035	2,614	64,728	692,744	10.49
74-75	•04457	63,421	2,827	62,007	628,016	9.90
75-76	•05005	60,594	3,033	59,078	566,009	9.34
76-77	•05603	57,561	3,225	55,949	506,931	8.81
77-78	•06250	54,336	3,396	52,638	450,982	8.30
78-79	•06952	50,940	3,541	49,169	398,344	7.82
79-80	•07711	47,399	3,655	45,571	349,175	7.37
80-81	•08515	43,744	3,725	41,881	303,604	6.94
81-82	•09357	40,019	3,745	38,147	261,723	6.54
82-83	•10226	36,274	3,709	34,420	223,576	6.16
83-84	•11100	32,565	3,615	30,758	189,156	5.81
84-85	•11986	28,950	3,470	27,215	158,398	5.47
85-86	•12917	25,480	3,291	23,835	131,183	5.15
86-87	•13926	22,189	3,090	20,644	107,348	4.84
87-88	•15047	19,099	2,874	17,662	86,704	4.54
88-89	•16269	16,225	2,640	14,905	69,042	4.26
89-90	•17570	13,585	2,386	12,392	54,137	3.98
90-91	•18966	11,199	2,124	10,137	41,745	3.73
91-92	•20474	9,075	1,858	8,146	31,608	3.48
92-93	•22111	7,217	1,596	6,419	23,462	3.25
93-94	•23916	5,621	1,344	4,949	17,043	3.03
94-95	•25878	4,277	1,107	3,723	12,094	2.83
95-96	•27938	3,170	886	2,727	8,371	2.64
96-97	•30037	2,284	686	1,941	5,644	2.47
97-98	•32116	1,598	513	1,342	3,703	2.32
98-99	•34214	1,085	371	899	2,361	2.18
99-100	•36370	714	260	584	1,462	2.05
100-101	•38526	454	175	367	878	1.93
101-102	•40623	279	113	222	511	1.83
102-103	•42600	166	71	130	289	1.74
103-104	•44427	95	42	74	159	1.66
104-105	•46143	53	25	41	85	1.59
105-106	•47795	28	13	22	44	1.52
106-107	•49432	15	7	11	22	1.46
107-108	•51100	8	4	6	11	1.40
108-109	•52810	4	2	3	5	1.35
109-110	•54529	2	1	1	2	1.29
110-111	•56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00163. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.63 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,250 will complete the first year of life and enter the second; 97,016 will begin the third year; 95,175 will reach age 21; and 44,224 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,750 die in the first year of life, 234 in the second year, 155 in the twenty-second year, and 2,990 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,098. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,098 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,801,566 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,824,240.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,098 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,175 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,801,566) is the total number of years lived after attaining age 21 by the 95,175 reaching that age. This number of years divided by the number of persons (4,801,566 divided by 95,175) gives 50.45 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Nevada

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Nevada Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 62.84 years for white males and 71.53 years for white females. This State ranks 49th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NEVADA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.03888	100,000	3,888	96,581	6,283,910	62.84
1-2	0.00308	96,112	296	95,964	6,187,329	64.38
2-3	0.00187	95,816	179	95,726	6,091,365	63.57
3-4	0.00118	95,637	113	95,580	5,995,639	62.69
4-5	0.00105	95,524	100	95,474	5,900,059	61.77
5-6	0.00098	95,424	94	95,377	5,804,585	60.83
6-7	0.00089	95,330	85	95,288	5,709,208	59.89
7-8	0.00079	95,245	75	95,208	5,613,920	58.94
8-9	0.00069	95,170	66	95,137	5,518,712	57.99
9-10	0.00061	95,104	58	95,075	5,423,575	57.03
10-11	0.00057	95,046	54	95,019	5,328,500	56.06
11-12	0.00058	94,992	55	94,965	5,233,481	55.09
12-13	0.00065	94,937	62	94,906	5,138,516	54.13
13-14	0.00082	94,875	77	94,836	5,043,610	53.16
14-15	0.00107	94,798	102	94,747	4,948,774	52.20
15-16	0.00137	94,696	130	94,631	4,854,027	51.26
16-17	0.00166	94,566	157	94,488	4,759,396	50.33
17-18	0.00189	94,409	178	94,320	4,664,908	49.41
18-19	0.00207	94,231	195	94,133	4,570,588	48.50
19-20	0.00223	94,036	210	93,931	4,476,455	47.60
20-21	0.00236	93,826	221	93,716	4,382,524	46.71
21-22	0.00247	93,605	231	93,489	4,288,808	45.82
22-23	0.00257	93,374	240	93,254	4,195,319	44.93
23-24	0.00263	93,134	245	93,011	4,102,065	44.04
24-25	0.00265	92,889	246	92,766	4,009,054	43.16
25-26	0.00266	92,643	247	92,519	3,916,288	42.27
26-27	0.00268	92,396	248	92,272	3,823,769	41.38
27-28	0.00275	92,148	253	92,022	3,731,497	40.49
28-29	0.00287	91,895	264	91,763	3,639,475	39.60
29-30	0.00303	91,631	277	91,493	3,547,712	38.72
30-31	0.00321	91,354	294	91,207	3,456,219	37.83
31-32	0.00339	91,060	308	90,906	3,365,012	36.95
32-33	0.00357	90,752	324	90,590	3,274,106	36.08
33-34	0.00373	90,428	338	90,259	3,183,516	35.20
34-35	0.00388	90,090	349	89,916	3,093,257	34.34
35-36	0.00404	89,741	363	89,560	3,003,341	33.47
36-37	0.00422	89,378	377	89,190	2,913,781	32.60
37-38	0.00444	89,001	395	88,804	2,824,591	31.74
38-39	0.00464	88,606	411	88,400	2,735,787	30.88
39-40	0.00481	88,195	424	87,983	2,647,387	30.02
40-41	0.00504	87,771	443	87,550	2,559,404	29.16
41-42	0.00541	87,328	472	87,092	2,471,854	28.31
42-43	0.00600	86,856	521	86,595	2,384,762	27.46
43-44	0.00692	86,335	598	86,036	2,298,167	26.62
44-45	0.00812	85,737	696	85,389	2,212,131	25.80
45-46	0.00944	85,041	803	84,640	2,126,742	25.01
46-47	0.01071	84,238	902	83,787	2,042,102	24.24
47-48	0.01176	83,336	980	82,846	1,958,315	23.50
48-49	0.01247	82,356	1,027	81,843	1,875,469	22.77
49-50	0.01293	81,329	1,051	80,803	1,793,626	22.05
50-51	0.01336	80,278	1,073	79,741	1,712,823	21.34
51-52	0.01397	79,205	1,106	78,652	1,633,082	20.62
52-53	0.01495	78,099	1,168	77,515	1,554,430	19.90
53-54	0.01644	76,931	1,265	76,299	1,476,915	19.20
54-55	0.01830	75,666	1,384	74,974	1,400,616	18.51

TABLE 1. LIFE TABLE FOR WHITE MALES: NEVADA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.02034	74,282	1,511	73,526	1,325,642	17.85
56-57	.02236	72,771	1,628	71,957	1,252,116	17.21
57-58	.02415	71,143	1,718	70,284	1,180,159	16.59
58-59	.02557	69,425	1,775	68,538	1,109,875	15.99
59-60	.02675	67,650	1,809	66,745	1,041,337	15.39
60-61	.02792	65,841	1,839	64,921	974,592	14.80
61-62	.02930	64,002	1,875	63,065	909,671	14.21
62-63	.03114	62,127	1,935	61,160	846,606	13.63
63-64	.03344	60,192	2,012	59,186	785,446	13.05
64-65	.03606	58,180	2,098	57,131	726,260	12.48
65-66	.03897	56,082	2,186	54,989	669,129	11.93
66-67	.04214	53,896	2,271	52,760	614,140	11.39
67-68	.04555	51,625	2,352	50,449	561,380	10.87
68-69	.04927	49,273	2,427	48,060	510,931	10.37
69-70	.05331	46,846	2,498	45,597	462,871	9.88
70-71	.05758	44,308	2,553	43,072	417,274	9.41
71-72	.06198	41,795	2,591	40,500	374,202	8.95
72-73	.06640	39,204	2,603	37,903	333,702	8.51
73-74	.07015	36,601	2,567	35,317	295,799	8.08
74-75	.07328	34,034	2,494	32,787	260,482	7.65
75-76	.07686	31,540	2,425	30,328	227,695	7.22
76-77	.08195	29,115	2,386	27,922	197,367	6.78
77-78	.08960	26,729	2,395	25,532	169,445	6.34
78-79	.10090	24,334	2,455	23,107	143,913	5.91
79-80	.11516	21,879	2,519	20,619	120,806	5.52
80-81	.13072	19,360	2,531	18,094	100,187	5.17
81-82	.14596	16,829	2,456	15,601	82,093	4.88
82-83	.15922	14,373	2,289	13,228	66,492	4.63
83-84	.16991	12,084	2,053	11,058	53,264	4.41
84-85	.17913	10,031	1,797	9,132	42,206	4.21
85-86	.18778	8,234	1,546	7,461	33,074	4.02
86-87	.19673	6,688	1,316	6,030	25,613	3.83
87-88	.20690	5,372	1,111	4,816	19,583	3.64
88-89	.21834	4,261	931	3,796	14,767	3.47
89-90	.23046	3,330	767	2,947	10,971	3.29
90-91	.24316	2,563	623	2,251	8,024	3.13
91-92	.25635	1,940	498	1,691	5,773	2.98
92-93	.26993	1,442	389	1,248	4,082	2.83
93-94	.28396	1,053	299	904	2,834	2.69
94-95	.29851	754	225	642	1,930	2.56
95-96	.31348	529	166	446	1,288	2.43
96-97	.32878	363	119	303	842	2.32
97-98	.34430	244	84	202	539	2.21
98-99	.36012	160	58	131	337	2.10
99-100	.37629	102	38	83	206	2.00
100-101	.39273	64	25	51	123	1.91
101-102	.40933	39	16	31	72	1.83
102-103	.42600	23	10	18	41	1.74
103-104	.44279	13	6	10	23	1.67
104-105	.45976	7	3	6	13	1.59
105-106	.47684	4	2	3	7	1.52
106-107	.49395	2	1	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

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TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEVADA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02441	100,000	2,441	97,891	7,152,678	71.53
1-2	.00247	97,559	241	97,439	7,054,787	72.31
2-3	.00127	97,318	124	97,256	6,957,348	71.49
3-4	.00103	97,194	100	97,144	6,860,092	70.58
4-5	.00072	97,094	70	97,059	6,762,948	69.65
5-6	.00066	97,024	64	96,992	6,665,889	68.70
6-7	.00062	96,960	60	96,930	6,568,897	67.75
7-8	.00059	96,900	57	96,872	6,471,967	66.79
8-9	.00057	96,843	55	96,815	6,375,095	65.83
9-10	.00056	96,788	54	96,761	6,278,280	64.87
10-11	.00056	96,734	54	96,707	6,181,519	63.90
11-12	.00057	96,680	56	96,652	6,084,812	62.94
12-13	.00059	96,624	57	96,596	5,988,160	61.97
13-14	.00061	96,567	58	96,538	5,891,564	61.01
14-15	.00065	96,509	63	96,477	5,795,026	60.05
15-16	.00069	96,446	67	96,412	5,698,549	59.09
16-17	.00074	96,379	71	96,344	5,602,137	58.13
17-18	.00081	96,308	78	96,269	5,505,793	57.17
18-19	.00090	96,230	87	96,187	5,409,524	56.21
19-20	.00102	96,143	98	96,094	5,313,337	55.26
20-21	.00115	96,045	110	95,990	5,217,243	54.32
21-22	.00126	95,935	121	95,874	5,121,253	53.38
22-23	.00135	95,814	129	95,749	5,025,379	52.45
23-24	.00140	95,685	134	95,618	4,929,630	51.52
24-25	.00144	95,551	138	95,482	4,834,012	50.59
25-26	.00146	95,413	139	95,343	4,738,530	49.66
26-27	.00148	95,274	141	95,203	4,643,187	48.74
27-28	.00151	95,133	144	95,061	4,547,984	47.81
28-29	.00155	94,989	147	94,915	4,452,923	46.88
29-30	.00160	94,842	152	94,766	4,358,008	45.95
30-31	.00165	94,690	156	94,612	4,263,242	45.02
31-32	.00171	94,534	162	94,453	4,168,630	44.10
32-33	.00176	94,372	166	94,289	4,074,177	43.17
33-34	.00180	94,206	170	94,121	3,979,888	42.25
34-35	.00182	94,036	171	93,951	3,885,767	41.32
35-36	.00185	93,865	173	93,779	3,791,816	40.40
36-37	.00192	93,692	180	93,602	3,698,037	39.47
37-38	.00204	93,512	191	93,416	3,604,435	38.55
38-39	.00222	93,321	207	93,217	3,511,019	37.62
39-40	.00245	93,114	228	93,000	3,417,802	36.71
40-41	.00272	92,886	253	92,759	3,324,802	35.79
41-42	.00303	92,633	281	92,493	3,232,043	34.89
42-43	.00338	92,352	312	92,196	3,139,550	34.00
43-44	.00379	92,040	349	91,866	3,047,354	33.11
44-45	.00426	91,691	390	91,496	2,955,488	32.23
45-46	.00477	91,301	436	91,083	2,863,992	31.37
46-47	.00529	90,865	480	90,625	2,772,909	30.52
47-48	.00580	90,385	525	90,123	2,682,284	29.68
48-49	.00632	89,860	568	89,576	2,592,161	28.85
49-50	.00687	89,292	613	88,986	2,502,585	28.03
50-51	.00742	88,679	658	88,350	2,413,599	27.22
51-52	.00792	88,021	697	87,672	2,325,249	26.42
52-53	.00836	87,324	730	86,959	2,237,577	25.62
53-54	.00868	86,594	752	86,218	2,150,618	24.84
54-55	.00890	85,842	764	85,460	2,064,400	24.05

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEVADA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	o_e_x
55-56	.00910	85,078	774	84,691	1,978,940	23.26
56-57	.00934	84,304	787	83,910	1,894,249	22.47
57-58	.00969	83,517	810	83,112	1,810,539	21.68
58-59	.01001	82,707	828	82,293	1,727,227	20.88
59-60	.01026	81,879	840	81,459	1,644,934	20.09
60-61	.01065	81,039	863	80,608	1,563,475	19.29
61-62	.01139	80,176	913	79,720	1,482,867	18.50
62-63	.01271	79,263	1,007	78,759	1,403,147	17.70
63-64	.01485	78,256	1,162	77,675	1,324,388	16.92
64-65	.01768	77,094	1,363	76,412	1,246,713	16.17
65-66	.02081	75,731	1,576	74,943	1,170,301	15.45
66-67	.02386	74,155	1,770	73,270	1,095,358	14.77
67-68	.02646	72,385	1,915	71,428	1,022,088	14.12
68-69	.02822	70,470	1,989	69,476	950,660	13.49
69-70	.02938	68,481	2,012	67,475	881,184	12.87
70-71	.03054	66,469	2,030	65,454	813,709	12.24
71-72	.03228	64,439	2,080	63,399	748,255	11.61
72-73	.03518	62,359	2,194	61,262	684,856	10.98
73-74	.03944	60,165	2,372	58,979	623,594	10.36
74-75	.04468	57,793	2,583	56,501	564,615	9.77
75-76	.05059	55,210	2,793	53,814	508,114	9.20
76-77	.05689	52,417	2,982	50,926	454,300	8.67
77-78	.06329	49,435	3,129	47,871	403,374	8.16
78-79	.06934	46,306	3,210	44,701	355,503	7.68
79-80	.07523	43,096	3,242	41,475	310,802	7.21
80-81	.08164	39,854	3,254	38,227	269,527	6.76
81-82	.08924	36,600	3,266	34,967	231,100	6.31
82-83	.09870	33,334	3,290	31,689	196,133	5.88
83-84	.11054	30,044	3,321	28,383	164,444	5.47
84-85	.12429	26,723	3,322	25,062	136,061	5.09
85-86	.13922	23,401	3,258	21,772	110,999	4.74
86-87	.15453	20,143	3,112	18,587	89,227	4.43
87-88	.16949	17,031	2,887	15,587	70,640	4.15
88-89	.18390	14,144	2,601	12,844	55,053	3.89
89-90	.19828	11,543	2,289	10,399	42,209	3.66
90-91	.21289	9,254	1,970	8,269	31,810	3.44
91-92	.22801	7,284	1,661	6,454	23,541	3.23
92-93	.24390	5,623	1,371	4,938	17,087	3.04
93-94	.26075	4,252	1,109	3,697	12,149	2.86
94-95	.27837	3,143	875	2,706	8,452	2.69
95-96	.29650	2,268	672	1,932	5,746	2.53
96-97	.31486	1,596	503	1,344	3,814	2.39
97-98	.33318	1,093	364	911	2,470	2.26
98-99	.35164	729	256	601	1,559	2.14
99-100	.37043	473	175	385	958	2.02
100-101	.38927	298	116	240	573	1.92
101-102	.40788	182	74	145	333	1.83
102-103	.42600	108	46	85	188	1.74
103-104	.44350	62	28	48	103	1.66
104-105	.46056	34	15	26	55	1.59
105-106	.47738	19	9	14	29	1.52
106-107	.49413	10	5	7	15	1.46
107-108	.51100	5	3	4	8	1.40
108-109	.52810	2	1	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00247. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.47 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,112 will complete the first year of life and enter the second; 95,816 will begin the third year; 93,605 will reach age 21; and 31,540 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,888 die in the first year of life, 296 in the second year, 231 in the twenty-second year, and 2,425 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 93,489. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 93,489 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,288,808 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,283,910.

Column 7—Average remaining lifetime (e_x).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 93,489 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,605 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,288,808) is the total number of years lived after attaining age 21 by the 93,605 reaching that age. This number of years divided by the number of persons (4,288,808 divided by 93,605) gives 45.82 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

New Hampshire
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

New Hampshire Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.57 years for white males and 72.33 years for white females. This State ranks 20th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW HAMPSHIRE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02941	100,000	2,941	97,414	6,657,292	66.57
1-2	0.0193	97,059	187	96,965	6,559,878	67.59
2-3	0.0116	96,872	113	96,815	6,462,913	66.72
3-4	0.0109	96,759	105	96,707	6,366,098	65.79
4-5	0.0094	96,654	91	96,608	6,269,391	64.86
5-6	0.0092	96,563	89	96,519	6,172,783	63.92
6-7	0.0090	96,474	87	96,431	6,076,264	62.98
7-8	0.0083	96,387	80	96,347	5,979,833	62.04
8-9	0.0074	96,307	71	96,272	5,883,486	61.09
9-10	0.0065	96,236	63	96,205	5,787,214	60.14
10-11	0.0058	96,173	55	96,146	5,691,009	59.17
11-12	0.0053	96,118	51	96,092	5,594,863	58.21
12-13	0.0053	96,067	51	96,041	5,498,771	57.24
13-14	0.0059	96,016	57	95,988	5,402,730	56.27
14-15	0.0069	95,959	66	95,926	5,306,742	55.30
15-16	0.0082	95,893	79	95,854	5,210,816	54.34
16-17	0.0095	95,814	91	95,769	5,114,962	53.38
17-18	0.0107	95,723	102	95,672	5,019,193	52.43
18-19	0.0118	95,621	113	95,565	4,923,521	51.49
19-20	0.0129	95,508	123	95,446	4,827,956	50.55
20-21	0.0140	95,385	134	95,318	4,732,510	49.61
21-22	0.0147	95,251	140	95,181	4,637,192	48.68
22-23	0.0151	95,111	143	95,040	4,542,011	47.75
23-24	0.0147	94,968	140	94,898	4,446,971	46.83
24-25	0.0136	94,828	129	94,764	4,352,073	45.89
25-26	0.0124	94,699	117	94,640	4,257,509	44.96
26-27	0.0115	94,582	109	94,527	4,162,669	44.01
27-28	0.0115	94,473	109	94,419	4,068,142	43.06
28-29	0.0125	94,364	118	94,305	3,973,723	42.11
29-30	0.0143	94,246	134	94,179	3,879,418	41.16
30-31	0.0165	94,112	156	94,034	3,785,239	40.22
31-32	0.0188	93,956	176	93,868	3,691,205	39.29
32-33	0.0208	93,780	195	93,682	3,597,337	38.36
33-34	0.0225	93,585	211	93,479	3,503,655	37.44
34-35	0.0240	93,374	224	93,262	3,410,176	36.52
35-36	0.0256	93,150	239	93,031	3,316,914	35.61
36-37	0.0275	92,911	255	92,784	3,223,883	34.70
37-38	0.0298	92,656	276	92,518	3,131,099	33.79
38-39	0.0325	92,380	300	92,230	3,038,581	32.89
39-40	0.0355	92,080	327	91,916	2,946,551	32.00
40-41	0.0388	91,753	356	91,575	2,854,435	31.11
41-42	0.0425	91,397	389	91,202	2,762,860	30.23
42-43	0.0468	91,008	426	90,795	2,671,658	29.36
43-44	0.0516	90,582	467	90,349	2,580,863	28.49
44-45	0.0569	90,115	513	89,859	2,490,514	27.64
45-46	0.0626	89,602	561	89,322	2,400,655	26.79
46-47	0.0688	89,041	612	88,735	2,311,333	25.96
47-48	0.0754	88,429	667	88,095	2,222,598	25.13
48-49	0.0822	87,762	721	87,401	2,134,503	24.32
49-50	0.0891	87,041	776	86,653	2,047,102	23.52
50-51	0.0967	86,265	834	85,848	1,960,449	22.73
51-52	0.1053	85,431	900	84,981	1,874,601	21.94
52-53	0.1154	84,531	975	84,043	1,789,620	21.17
53-54	0.1269	83,556	1,061	83,026	1,705,577	20.41
54-55	0.1397	82,495	1,152	81,919	1,622,551	19.67

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW HAMPSHIRE, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	•01536	81,343	1,249	80,718	1,540,632	18.94
56-57	•01688	80,094	1,352	79,418	1,459,914	18.23
57-58	•01853	78,742	1,460	78,012	1,380,496	17.53
58-59	•02032	77,282	1,570	76,497	1,302,484	16.85
59-60	•02224	75,712	1,684	74,870	1,225,987	16.19
60-61	•02430	74,028	1,799	73,129	1,151,117	15.55
61-62	•02647	72,229	1,912	71,273	1,077,988	14.92
62-63	•02876	70,317	2,022	69,306	1,006,715	14.32
63-64	•03112	68,295	2,125	67,232	937,409	13.73
64-65	•03354	66,170	2,220	65,060	870,177	13.15
65-66	•03611	63,950	2,309	62,796	805,117	12.59
66-67	•03890	61,641	2,398	60,442	742,321	12.04
67-68	•04200	59,243	2,488	57,999	681,879	11.51
68-69	•04548	56,755	2,581	55,465	623,880	10.99
69-70	•04929	54,174	2,670	52,839	568,415	10.49
70-71	•05332	51,504	2,746	50,131	515,576	10.01
71-72	•05743	48,758	2,801	47,357	465,445	9.55
72-73	•06151	45,957	2,826	44,544	418,088	9.10
73-74	•06494	43,131	2,801	41,730	373,544	8.66
74-75	•06781	40,330	2,735	38,962	331,814	8.23
75-76	•07104	37,595	2,671	36,260	292,852	7.79
76-77	•07554	34,924	2,638	33,605	256,592	7.35
77-78	•08224	32,246	2,655	30,958	222,987	6.91
78-79	•09221	29,631	2,732	28,265	192,029	6.48
79-80	•10484	26,899	2,821	25,488	163,764	6.09
80-81	•11851	24,078	2,853	22,652	138,276	5.74
81-82	•13163	21,225	2,794	19,828	115,624	5.45
82-83	•14259	18,431	2,628	17,117	95,796	5.20
83-84	•15040	15,803	2,377	14,615	78,679	4.98
84-85	•15613	13,426	2,096	12,378	64,064	4.77
85-86	•16127	11,330	1,827	10,416	51,686	4.56
86-87	•16728	9,503	1,590	8,708	41,270	4.34
87-88	•17565	7,913	1,390	7,218	32,562	4.11
88-89	•18658	6,523	1,217	5,915	25,344	3.88
89-90	•19910	5,306	1,056	4,778	19,429	3.66
90-91	•21288	4,250	905	3,797	14,651	3.45
91-92	•22762	3,345	761	2,964	10,854	3.24
92-93	•24299	2,584	628	2,270	7,890	3.05
93-94	•25925	1,956	507	1,702	5,620	2.87
94-95	•27660	1,449	401	1,248	3,918	2.70
95-96	•29468	1,048	309	894	2,670	2.55
96-97	•31312	739	231	623	1,776	2.40
97-98	•33155	508	169	424	1,153	2.27
98-99	•35021	339	118	280	729	2.14
99-100	•36936	221	82	180	449	2.03
100-101	•38862	139	54	112	269	1.92
101-102	•40762	85	35	68	157	1.83
102-103	•42600	50	21	40	89	1.74
103-104	•44360	29	13	23	49	1.66
104-105	•46068	16	7	12	26	1.59
105-106	•47745	9	4	7	14	1.52
106-107	•49415	5	3	3	7	1.46
107-108	•51100	2	1	2	4	1.40
108-109	•52810	1	1	1	2	1.35
109-110	•54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW HAMPSHIRE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02055	100,000	2,055	98,224	7,232,637	72.33
1-2	0.0166	97,945	163	97,864	7,134,413	72.84
2-3	0.0102	97,782	99	97,733	7,036,549	71.96
3-4	0.0084	97,683	82	97,642	6,938,816	71.03
4-5	0.0048	97,601	47	97,577	6,841,174	70.09
5-6	0.0048	97,554	47	97,530	6,743,597	69.13
6-7	0.0047	97,507	46	97,484	6,646,067	68.16
7-8	0.0045	97,461	44	97,439	6,548,583	67.19
8-9	0.0042	97,417	41	97,397	6,451,144	66.22
9-10	0.0040	97,376	39	97,357	6,353,747	65.25
10-11	0.0038	97,337	37	97,319	6,256,390	64.28
11-12	0.0037	97,300	36	97,282	6,159,071	63.30
12-13	0.0038	97,264	37	97,246	6,061,789	62.32
13-14	0.0041	97,227	39	97,208	5,964,543	61.35
14-15	0.0046	97,188	45	97,165	5,867,335	60.37
15-16	0.0051	97,143	50	97,118	5,770,170	59.40
16-17	0.0057	97,093	55	97,066	5,673,052	58.43
17-18	0.0062	97,038	60	97,008	5,575,986	57.46
18-19	0.0066	96,978	64	96,946	5,478,978	56.50
19-20	0.0069	96,914	67	96,880	5,382,032	55.53
20-21	0.0073	96,847	71	96,812	5,285,152	54.57
21-22	0.0076	96,776	73	96,739	5,188,340	53.61
22-23	0.0079	96,703	77	96,665	5,091,601	52.65
23-24	0.0082	96,626	79	96,587	4,994,936	51.69
24-25	0.0084	96,547	81	96,507	4,898,349	50.74
25-26	0.0086	96,466	83	96,424	4,801,842	49.78
26-27	0.0089	96,383	86	96,340	4,705,418	48.82
27-28	0.0093	96,297	89	96,252	4,609,078	47.86
28-29	0.0099	96,208	96	96,160	4,512,826	46.91
29-30	0.0105	96,112	100	96,062	4,416,666	45.95
30-31	0.0112	96,012	108	95,958	4,320,604	45.00
31-32	0.0121	95,904	116	95,846	4,224,646	44.05
32-33	0.0131	95,788	126	95,725	4,128,800	43.10
33-34	0.0142	95,662	135	95,595	4,033,075	42.16
34-35	0.0154	95,527	147	95,453	3,937,480	41.22
35-36	0.0168	95,380	161	95,299	3,842,027	40.28
36-37	0.0184	95,219	175	95,132	3,746,728	39.35
37-38	0.0203	95,044	193	94,948	3,651,596	38.42
38-39	0.0226	94,851	214	94,744	3,556,648	37.50
39-40	0.0254	94,637	241	94,517	3,461,904	36.58
40-41	0.0283	94,396	267	94,263	3,367,387	35.67
41-42	0.0311	94,129	293	93,983	3,273,124	34.77
42-43	0.0335	93,836	314	93,679	3,179,141	33.88
43-44	0.0352	93,522	329	93,358	3,085,462	32.99
44-45	0.0365	93,193	340	93,023	2,992,104	32.11
45-46	0.0377	92,853	350	92,678	2,899,081	31.22
46-47	0.0394	92,503	365	92,321	2,806,403	30.34
47-48	0.0420	92,138	387	91,945	2,714,082	29.46
48-49	0.0456	91,751	418	91,542	2,622,137	28.58
49-50	0.0499	91,333	456	91,105	2,530,595	27.71
50-51	0.0548	90,877	498	90,628	2,439,490	26.84
51-52	0.0604	90,379	546	90,106	2,348,862	25.99
52-53	0.0665	89,833	597	89,535	2,258,756	25.14
53-54	0.0732	89,236	653	88,909	2,169,221	24.31
54-55	0.0805	88,583	713	88,226	2,080,312	23.48

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW HAMPSHIRE, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00885	87,870	778	87,481	1,992,086	22.67
56-57	.00970	87,092	845	86,670	1,904,605	21.87
57-58	.01061	86,247	915	85,790	1,817,935	21.08
58-59	.01152	85,332	983	84,841	1,732,145	20.30
59-60	.01243	84,349	1,048	83,825	1,647,304	19.53
60-61	.01343	83,301	1,119	82,741	1,563,479	18.77
61-62	.01461	82,182	1,201	81,582	1,480,738	18.02
62-63	.01606	80,981	1,300	80,331	1,399,156	17.28
63-64	.01784	79,681	1,422	78,970	1,318,825	16.55
64-65	.01988	78,259	1,556	77,481	1,239,855	15.84
65-66	.02211	76,703	1,696	75,855	1,162,374	15.15
66-67	.02444	75,007	1,833	74,091	1,086,519	14.49
67-68	.02677	73,174	1,959	72,195	1,012,428	13.84
68-69	.02889	71,215	2,057	70,187	940,233	13.20
69-70	.03086	69,158	2,134	68,091	870,046	12.58
70-71	.03300	67,024	2,212	65,918	801,955	11.97
71-72	.03566	64,812	2,311	63,656	736,037	11.36
72-73	.03917	62,501	2,448	61,277	672,381	10.76
73-74	.04359	60,053	2,618	58,744	611,104	10.18
74-75	.04871	57,435	2,798	56,036	552,360	9.62
75-76	.05442	54,637	2,973	53,151	496,324	9.08
76-77	.06061	51,664	3,151	50,098	443,173	8.58
77-78	.06718	48,533	3,261	46,902	393,075	8.10
78-79	.07414	45,272	3,356	43,594	346,173	7.65
79-80	.08157	41,916	3,419	40,206	302,579	7.22
80-81	.08943	38,497	3,443	36,775	262,373	6.82
81-82	.09773	35,054	3,426	33,341	225,598	6.44
82-83	.10643	31,628	3,366	29,945	192,257	6.08
83-84	.11570	28,262	3,270	26,627	162,312	5.74
84-85	.12556	24,992	3,138	23,423	135,685	5.43
85-86	.13576	21,854	2,967	20,371	112,262	5.14
86-87	.14605	18,887	2,758	17,508	91,891	4.87
87-88	.15619	16,129	2,520	14,869	74,383	4.61
88-89	.16532	13,609	2,249	12,485	59,514	4.37
89-90	.17361	11,360	1,973	10,374	47,029	4.14
90-91	.18234	9,387	1,711	8,532	36,655	3.90
91-92	.19280	7,676	1,480	6,936	28,123	3.66
92-93	.20628	6,196	1,278	5,557	21,187	3.42
93-94	.22345	4,918	1,099	4,368	15,630	3.18
94-95	.24345	3,819	930	3,354	11,262	2.95
95-96	.26528	2,889	766	2,506	7,908	2.74
96-97	.28790	2,123	611	1,817	5,402	2.54
97-98	.31032	1,512	469	1,277	3,585	2.37
98-99	.33320	1,043	348	869	2,308	2.21
99-100	.35723	695	248	571	1,439	2.07
100-101	.38138	447	171	362	868	1.94
101-102	.40464	276	111	220	506	1.83
102-103	.42600	165	71	130	286	1.74
103-104	.44496	94	42	73	156	1.66
104-105	.46221	52	24	40	83	1.59
105-106	.47847	28	13	21	43	1.52
106-107	.49449	15	8	11	22	1.46
107-108	.51100	7	3	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00147. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.47 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,059 will complete the first year of life and enter the second; 96,872 will begin the third year; 95,251 will reach age 21; and 37,595 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,941 die in the first year of life, 187 in the second year, 140 in the twenty-second year, and 2,671 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,181. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,181 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,637,192 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,657,292.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,181 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,251 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,637,192) is the total number of years lived after attaining age 21 by the 95,251 reaching that age. This number of years divided by the number of persons (4,637,192 divided by 95,251) gives 48.68 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

New Jersey
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

New Jersey Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.60 years for white males and 71.50 years for white females. This State ranks 18th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW JERSEY, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02561	100,000	2,561	97,748	6,660,228	66.60
1-2	.00158	97,439	154	97,362	6,562,480	67.35
2-3	.00101	97,285	98	97,236	6,465,118	66.46
3-4	.00078	97,187	76	97,149	6,367,882	65.52
4-5	.00074	97,111	72	97,075	6,270,733	64.57
5-6	.00068	97,039	66	97,006	6,173,658	63.62
6-7	.00062	96,973	60	96,943	6,076,652	62.66
7-8	.00057	96,913	55	96,885	5,979,709	61.70
8-9	.00053	96,858	52	96,832	5,882,824	60.74
9-10	.00050	96,806	48	96,782	5,785,992	59.77
10-11	.00049	96,758	47	96,734	5,689,210	58.80
11-12	.00049	96,711	48	96,687	5,592,476	57.83
12-13	.00052	96,663	50	96,638	5,495,789	56.86
13-14	.00058	96,613	56	96,585	5,399,151	55.88
14-15	.00068	96,557	66	96,524	5,302,566	54.92
15-16	.00079	96,491	76	96,453	5,206,042	53.95
16-17	.00090	96,415	87	96,372	5,109,589	53.00
17-18	.00098	96,328	94	96,281	5,013,217	52.04
18-19	.00103	96,234	99	96,184	4,916,936	51.09
19-20	.00107	96,135	103	96,083	4,820,752	50.15
20-21	.00109	96,032	105	95,980	4,724,669	49.20
21-22	.00111	95,927	106	95,874	4,628,689	48.25
22-23	.00113	95,821	109	95,767	4,532,815	47.31
23-24	.00114	95,712	109	95,658	4,437,048	46.36
24-25	.00115	95,603	110	95,548	4,341,390	45.41
25-26	.00116	95,493	110	95,438	4,245,842	44.46
26-27	.00117	95,383	112	95,327	4,150,404	43.51
27-28	.00121	95,271	115	95,213	4,055,077	42.56
28-29	.00126	95,156	120	95,096	3,959,864	41.61
29-30	.00133	95,036	127	94,973	3,864,768	40.67
30-31	.00141	94,909	133	94,843	3,769,795	39.72
31-32	.00150	94,776	143	94,705	3,674,952	38.78
32-33	.00162	94,633	153	94,557	3,580,247	37.83
33-34	.00174	94,480	164	94,398	3,485,690	36.89
34-35	.00187	94,316	177	94,228	3,391,292	35.96
35-36	.00202	94,139	190	94,044	3,297,064	35.02
36-37	.00221	93,949	207	93,845	3,203,020	34.09
37-38	.00247	93,742	232	93,626	3,109,175	33.17
38-39	.00280	93,510	262	93,379	3,015,549	32.25
39-40	.00318	93,248	296	93,100	2,922,170	31.34
40-41	.00361	92,952	336	92,784	2,829,070	30.44
41-42	.00408	92,616	378	92,427	2,736,286	29.54
42-43	.00459	92,238	423	92,027	2,643,859	28.66
43-44	.00513	91,815	471	91,579	2,551,832	27.79
44-45	.00570	91,344	521	91,084	2,460,253	26.93
45-46	.00632	90,823	574	90,536	2,369,169	26.09
46-47	.00700	90,249	632	89,933	2,278,633	25.25
47-48	.00776	89,617	695	89,270	2,188,700	24.42
48-49	.00857	88,922	762	88,541	2,099,430	23.61
49-50	.00941	88,160	830	87,745	2,010,889	22.81
50-51	.01034	87,330	903	86,879	1,923,144	22.02
51-52	.01140	86,427	985	85,935	1,836,265	21.25
52-53	.01265	85,442	1,081	84,902	1,750,330	20.49
53-54	.01414	84,361	1,193	83,765	1,665,428	19.74
54-55	.01582	83,168	1,315	82,511	1,581,663	19.02

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW JERSEY, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01764	81,853	1,444	81,131	1,499,152	18.32
56-57	.01951	80,409	1,569	79,624	1,418,021	17.64
57-58	.02136	78,840	1,684	77,998	1,338,397	16.98
58-59	.02312	77,156	1,784	76,264	1,260,399	16.34
59-60	.02483	75,372	1,871	74,436	1,184,135	15.71
60-61	.02661	73,501	1,956	72,523	1,109,699	15.10
61-62	.02855	71,545	2,043	70,524	1,037,176	14.50
62-63	.03078	69,502	2,139	68,433	966,652	13.91
63-64	.03331	67,363	2,244	66,241	898,219	13.33
64-65	.03607	65,119	2,349	63,945	831,978	12.78
65-66	.03902	62,770	2,449	61,546	768,033	12.24
66-67	.04213	60,321	2,541	59,050	706,487	11.71
67-68	.04536	57,780	2,621	56,469	647,437	11.21
68-69	.04857	55,159	2,679	53,819	590,968	10.71
69-70	.05177	52,480	2,717	51,121	537,149	10.24
70-71	.05520	49,763	2,747	48,389	486,028	9.77
71-72	.05905	47,016	2,776	45,628	437,639	9.31
72-73	.06356	44,240	2,812	42,834	392,011	8.86
73-74	.06891	41,428	2,855	40,000	349,177	8.43
74-75	.07496	38,573	2,891	37,127	309,177	8.02
75-76	.08141	35,682	2,905	34,229	272,050	7.62
76-77	.08799	32,777	2,884	31,335	237,821	7.26
77-78	.09439	29,893	2,822	28,482	206,486	6.91
78-79	.10011	27,071	2,710	25,716	178,004	6.58
79-80	.10534	24,361	2,566	23,078	152,288	6.25
80-81	.11084	21,795	2,416	20,587	129,210	5.93
81-82	.11740	19,379	2,275	18,242	108,623	5.61
82-83	.12576	17,104	2,151	16,028	90,381	5.28
83-84	.13664	14,953	2,043	13,931	74,353	4.97
84-85	.14953	12,910	1,931	11,945	60,422	4.68
85-86	.16337	10,979	1,793	10,083	48,477	4.42
86-87	.17710	9,186	1,627	8,372	38,394	4.18
87-88	.18966	7,559	1,434	6,842	30,022	3.97
88-89	.20033	6,125	1,227	5,512	23,180	3.78
89-90	.20980	4,898	1,027	4,384	17,668	3.61
90-91	.21918	3,871	849	3,446	13,284	3.43
91-92	.22956	3,022	694	2,675	9,838	3.26
92-93	.24204	2,328	563	2,047	7,163	3.08
93-94	.25699	1,765	454	1,538	5,116	2.90
94-95	.27367	1,311	359	1,132	3,578	2.73
95-96	.29154	952	277	814	2,446	2.57
96-97	.31003	675	209	570	1,632	2.42
97-98	.32858	466	153	389	1,062	2.28
98-99	.34757	313	109	258	673	2.15
99-100	.36736	204	75	166	415	2.04
100-101	.38740	129	50	104	249	1.93
101-102	.40714	79	32	63	145	1.83
102-103	.42600	47	20	37	82	1.74
103-104	.44379	27	12	21	45	1.66
104-105	.46089	15	7	12	24	1.59
105-106	.47760	8	4	6	12	1.52
106-107	.49420	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW JERSEY, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02003	100,000	2,003	98,269	7,149,628	71.50
1-2	0.00152	97,997	149	97,923	7,051,359	71.95
2-3	0.00085	97,848	83	97,806	6,953,436	71.06
3-4	0.00064	97,765	63	97,734	6,855,630	70.12
4-5	0.00054	97,702	52	97,676	6,757,896	69.17
5-6	0.00048	97,650	47	97,626	6,660,220	68.21
6-7	0.00043	97,603	42	97,582	6,562,594	67.24
7-8	0.00039	97,561	38	97,542	6,465,012	66.27
8-9	0.00036	97,523	35	97,505	6,367,470	65.29
9-10	0.00033	97,488	33	97,471	6,269,965	64.32
10-11	0.00032	97,455	31	97,440	6,172,494	63.34
11-12	0.00031	97,424	30	97,409	6,075,054	62.36
12-13	0.00032	97,394	31	97,378	5,977,645	61.38
13-14	0.00034	97,363	33	97,346	5,880,267	60.40
14-15	0.00038	97,330	37	97,311	5,782,921	59.42
15-16	0.00043	97,293	42	97,272	5,685,610	58.44
16-17	0.00048	97,251	47	97,228	5,588,338	57.46
17-18	0.00052	97,204	50	97,179	5,491,110	56.49
18-19	0.00056	97,154	55	97,126	5,393,931	55.52
19-20	0.00060	97,099	58	97,070	5,296,805	54.55
20-21	0.00064	97,041	62	97,010	5,199,735	53.58
21-22	0.00068	96,979	66	96,946	5,102,725	52.62
22-23	0.00071	96,913	69	96,879	5,005,779	51.65
23-24	0.00074	96,844	72	96,808	4,908,900	50.69
24-25	0.00076	96,772	73	96,736	4,812,092	49.73
25-26	0.00078	96,699	75	96,661	4,715,356	48.76
26-27	0.00081	96,624	79	96,584	4,618,695	47.80
27-28	0.00085	96,545	82	96,504	4,522,111	46.84
28-29	0.00090	96,463	87	96,420	4,425,607	45.88
29-30	0.00095	96,376	91	96,331	4,329,187	44.92
30-31	0.00100	96,285	96	96,237	4,232,856	43.96
31-32	0.00107	96,189	103	96,137	4,136,619	43.01
32-33	0.00116	96,086	112	96,030	4,040,482	42.05
33-34	0.00126	95,974	121	95,914	3,944,452	41.10
34-35	0.00137	95,853	131	95,788	3,848,538	40.15
35-36	0.00149	95,722	143	95,651	3,752,750	39.20
36-37	0.00164	95,579	156	95,501	3,657,099	38.26
37-38	0.00181	95,423	173	95,336	3,561,598	37.32
38-39	0.00201	95,250	192	95,154	3,466,262	36.39
39-40	0.00223	95,058	212	94,952	3,371,108	35.46
40-41	0.00248	94,846	235	94,729	3,276,156	34.54
41-42	0.00275	94,611	260	94,481	3,181,427	33.63
42-43	0.00304	94,351	287	94,208	3,086,946	32.72
43-44	0.00336	94,064	316	93,906	2,992,738	31.82
44-45	0.00369	93,748	346	93,575	2,898,832	30.92
45-46	0.00406	93,402	379	93,213	2,805,257	30.03
46-47	0.00444	93,023	413	92,816	2,712,044	29.15
47-48	0.00486	92,610	450	92,385	2,619,228	28.28
48-49	0.00528	92,160	487	91,917	2,526,843	27.42
49-50	0.00571	91,673	523	91,412	2,434,926	26.56
50-51	0.00617	91,150	563	90,869	2,343,514	25.71
51-52	0.00671	90,587	607	90,283	2,252,645	24.87
52-53	0.00735	89,980	662	89,649	2,162,362	24.03
53-54	0.00809	89,318	722	88,957	2,072,713	23.21
54-55	0.00892	88,596	791	88,200	1,983,756	22.39

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW JERSEY, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00982	67,805	862	87,374	1,895,556	21.59
56-57	.01083	86,943	942	86,472	1,808,182	20.80
57-58	.01193	86,001	1,026	85,488	1,721,710	20.02
58-59	.01313	84,975	1,115	84,418	1,636,222	19.26
59-60	.01443	83,860	1,210	83,255	1,551,804	18.50
60-61	.01583	82,650	1,309	81,996	1,468,549	17.77
61-62	.01732	81,341	1,409	80,637	1,386,553	17.05
62-63	.01893	79,932	1,513	79,176	1,305,916	16.34
63-64	.02053	78,419	1,610	77,614	1,226,740	15.64
64-65	.02211	76,809	1,698	75,960	1,149,126	14.96
65-66	.02386	75,111	1,792	74,215	1,073,166	14.29
66-67	.02594	73,319	1,902	72,368	998,951	13.62
67-68	.02853	71,417	2,037	70,398	926,583	12.97
68-69	.03166	69,380	2,197	68,281	856,185	12.34
69-70	.03522	67,183	2,366	66,000	787,904	11.73
70-71	.03916	64,817	2,538	63,548	721,904	11.14
71-72	.04343	62,279	2,705	60,926	658,356	10.57
72-73	.04798	59,574	2,858	58,145	597,430	10.03
73-74	.05273	56,716	2,991	55,220	539,285	9.51
74-75	.05771	53,725	3,101	52,175	484,065	9.01
75-76	.06305	50,624	3,191	49,028	431,890	8.53
76-77	.06888	47,433	3,268	45,799	382,862	8.07
77-78	.07534	44,165	3,327	42,502	337,063	7.63
78-79	.08256	40,838	3,372	39,152	294,061	7.21
79-80	.09045	37,466	3,388	35,772	255,409	6.82
80-81	.09881	34,078	3,368	32,394	219,637	6.45
81-82	.10744	30,710	3,299	29,061	187,243	6.10
82-83	.11614	27,411	3,184	25,819	158,182	5.77
83-84	.12465	24,227	3,020	22,717	132,363	5.46
84-85	.13309	21,207	2,822	19,796	109,646	5.17
85-86	.14187	18,385	2,608	17,081	89,850	4.89
86-87	.15139	15,777	2,389	14,582	72,769	4.61
87-88	.16205	13,388	2,169	12,303	58,187	4.35
88-89	.17376	11,219	1,950	10,244	45,884	4.09
89-90	.18625	9,269	1,726	8,406	35,640	3.84
90-91	.19965	7,543	1,506	6,790	27,234	3.61
91-92	.21412	6,037	1,293	5,391	20,444	3.39
92-93	.22977	4,744	1,090	4,199	15,053	3.17
93-94	.24696	3,654	902	3,203	10,854	2.97
94-95	.26560	2,752	731	2,386	7,651	2.78
95-96	.28517	2,021	576	1,733	5,265	2.60
96-97	.30514	1,445	441	1,224	3,532	2.44
97-98	.32500	1,004	326	841	2,308	2.30
98-99	.34509	678	234	561	1,467	2.16
99-100	.36575	444	163	363	906	2.04
100-101	.38648	281	108	227	543	1.93
101-102	.40673	173	71	138	316	1.83
102-103	.42600	102	43	81	178	1.74
103-104	.44402	59	26	46	97	1.66
104-105	.46115	33	15	25	51	1.59
105-106	.47777	18	9	13	26	1.52
106-107	.49426	9	4	7	13	1.46
107-108	.51100	5	3	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00111. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.11 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,439 will complete the first year of life and enter the second; 97,285 will begin the third year; 95,927 will reach age 21; and 35,682 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,561 die in the first year of life, 154 in the second year, 106 in the twenty-second year, and 2,905 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,874. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,874 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,628,689 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,660,228.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,874 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,927 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,628,689) is the total number of years lived after attaining age 21 by the 95,927 reaching that age. This number of years divided by the number of persons (4,628,689 divided by 95,927) gives 48.25 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

New Mexico

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

New Mexico Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 64.29 years for white males and 69.05 years for white females. This State ranks 47th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW MEXICO, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.05723	100,000	5,723	94,967	6,428,838	64.29
1-2	.00491	94,277	463	94,046	6,333,871	67.18
2-3	.00242	93,814	227	93,701	6,239,825	66.51
3-4	.00151	93,587	141	93,516	6,146,124	65.67
4-5	.00105	93,446	98	93,397	6,052,608	64.77
5-6	.00101	93,348	95	93,300	5,959,211	63.84
6-7	.00097	93,253	90	93,208	5,865,911	62.90
7-8	.00094	93,163	88	93,119	5,772,703	61.96
8-9	.00092	93,075	85	93,033	5,679,584	61.02
9-10	.00091	92,990	85	92,947	5,586,551	60.08
10-11	.00093	92,905	86	92,862	5,493,604	59.13
11-12	.00097	92,819	90	92,774	5,400,742	58.19
12-13	.00105	92,729	98	92,680	5,307,968	57.24
13-14	.00118	92,631	109	92,577	5,215,288	56.30
14-15	.00137	92,522	127	92,459	5,122,711	55.37
15-16	.00157	92,395	145	92,323	5,030,252	54.44
16-17	.00177	92,250	163	92,169	4,937,929	53.53
17-18	.00193	92,087	178	91,998	4,845,760	52.62
18-19	.00204	91,909	187	91,815	4,753,762	51.72
19-20	.00213	91,722	196	91,624	4,661,947	50.83
20-21	.00220	91,526	201	91,426	4,570,323	49.93
21-22	.00227	91,325	207	91,221	4,478,897	49.04
22-23	.00234	91,118	214	91,011	4,387,676	48.15
23-24	.00241	90,904	219	90,795	4,296,665	47.27
24-25	.00249	90,685	225	90,572	4,205,870	46.38
25-26	.00256	90,460	232	90,344	4,115,298	45.49
26-27	.00263	90,228	237	90,109	4,024,954	44.61
27-28	.00271	89,991	244	89,869	3,934,845	43.72
28-29	.00281	89,747	252	89,621	3,844,976	42.84
29-30	.00291	89,495	261	89,364	3,755,355	41.96
30-31	.00302	89,234	269	89,099	3,665,991	41.08
31-32	.00312	88,965	278	88,826	3,576,892	40.21
32-33	.00320	88,687	284	88,545	3,488,066	39.33
33-34	.00323	88,403	285	88,261	3,399,521	38.45
34-35	.00326	88,118	288	87,974	3,311,260	37.58
35-36	.00329	87,830	288	87,686	3,223,286	36.70
36-37	.00332	87,542	291	87,396	3,135,600	35.82
37-38	.00336	87,251	293	87,104	3,048,204	34.94
38-39	.00362	86,958	315	86,800	2,961,100	34.05
39-40	.00397	86,643	344	86,471	2,874,300	33.17
40-41	.00438	86,299	378	86,110	2,787,829	32.30
41-42	.00480	85,921	412	85,715	2,701,719	31.44
42-43	.00520	85,509	445	85,286	2,616,004	30.59
43-44	.00555	85,064	472	84,828	2,530,718	29.75
44-45	.00588	84,592	498	84,343	2,445,890	28.91
45-46	.00622	84,094	523	83,833	2,361,547	28.08
46-47	.00663	83,571	554	83,294	2,277,714	27.25
47-48	.00714	83,017	592	82,721	2,194,420	26.43
48-49	.00777	82,425	641	82,104	2,111,699	25.62
49-50	.00848	81,784	693	81,437	2,029,595	24.82
50-51	.00926	81,091	751	80,715	1,948,158	24.02
51-52	.01011	80,340	813	79,934	1,867,443	23.24
52-53	.01102	79,527	876	79,089	1,787,509	22.48
53-54	.01199	78,651	943	78,180	1,708,420	21.72
54-55	.01304	77,708	1,013	77,201	1,630,240	20.98

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW MEXICO, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01415	76,695	1,086	76,152	1,253,039	20.25
56-57	.01530	75,609	1,156	75,031	1,476,887	19.53
57-58	.01647	74,453	1,227	73,840	1,401,856	18.83
58-59	.01761	73,226	1,289	72,582	1,328,016	18.14
59-60	.01873	71,937	1,347	71,263	1,255,434	17.45
60-61	.01992	70,590	1,407	69,886	1,184,171	16.78
61-62	.02127	69,183	1,471	68,448	1,114,285	16.11
62-63	.02285	67,712	1,547	66,938	1,045,837	15.45
63-64	.02461	66,165	1,629	65,350	978,899	14.79
64-65	.02647	64,536	1,708	63,682	913,549	14.16
65-66	.02856	62,828	1,794	61,931	849,867	13.53
66-67	.03098	61,034	1,891	60,088	787,936	12.91
67-68	.03382	59,143	2,000	58,143	727,848	12.31
68-69	.03714	57,143	2,123	56,081	669,705	11.72
69-70	.04086	55,020	2,248	53,896	613,624	11.15
70-71	.04492	52,772	2,370	51,587	559,728	10.61
71-72	.04926	50,402	2,483	49,160	508,141	10.08
72-73	.05381	47,919	2,579	46,630	458,981	9.58
73-74	.05851	45,340	2,652	44,014	412,351	9.09
74-75	.06340	42,688	2,707	41,334	368,337	8.63
75-76	.06858	39,981	2,742	38,610	327,003	8.18
76-77	.07412	37,239	2,760	35,859	288,393	7.74
77-78	.08014	34,479	2,763	33,097	252,534	7.32
78-79	.08638	31,716	2,740	30,346	219,437	6.92
79-80	.09279	28,976	2,688	27,632	189,091	6.53
80-81	.09972	26,288	2,622	24,977	161,459	6.14
81-82	.10753	23,666	2,545	22,394	136,482	5.77
82-83	.11659	21,121	2,462	19,890	114,088	5.40
83-84	.12637	18,659	2,358	17,480	94,198	5.05
84-85	.13665	16,301	2,228	15,187	76,718	4.71
85-86	.14818	14,073	2,085	13,031	61,531	4.37
86-87	.16174	11,988	1,939	11,019	48,500	4.05
87-88	.17810	10,049	1,790	9,154	37,481	3.73
88-89	.19895	8,259	1,643	7,438	28,327	3.43
89-90	.22378	6,616	1,480	5,876	20,889	3.16
90-91	.25005	5,136	1,285	4,493	15,013	2.92
91-92	.27522	3,851	1,060	3,321	10,520	2.73
92-93	.29677	2,791	828	2,377	7,199	2.58
93-94	.31409	1,963	617	1,655	4,822	2.46
94-95	.32888	1,346	442	1,125	3,167	2.35
95-96	.34203	904	309	749	2,042	2.26
96-97	.35444	595	211	489	1,293	2.18
97-98	.36699	384	141	313	804	2.10
98-99	.37909	243	92	197	491	2.03
99-100	.39015	151	59	121	294	1.96
100-101	.40106	92	37	74	173	1.89
101-102	.41271	55	23	44	99	1.82
102-103	.42600	32	13	25	55	1.75
103-104	.44134	19	9	14	30	1.67
104-105	.45813	10	4	8	16	1.60
105-106	.47575	6	3	4	8	1.53
106-107	.49358	3	2	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW MEXICO, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04974	100,000	4,974	95,702	6,904,896	69.05
1-2	.00421	95,026	400	94,826	6,809,194	71.66
2-3	.00222	94,626	210	94,521	6,714,368	70.96
3-4	.00145	94,416	137	94,347	6,619,847	70.11
4-5	.00103	94,279	97	94,230	6,525,500	69.21
5-6	.00091	94,182	86	94,139	6,431,270	68.29
6-7	.00081	94,096	76	94,058	6,337,131	67.35
7-8	.00073	94,020	69	93,986	6,243,073	66.40
8-9	.00067	93,951	63	93,920	6,149,087	65.45
9-10	.00062	93,888	58	93,859	6,055,167	64.49
10-11	.00060	93,830	56	93,802	5,961,308	63.53
11-12	.00060	93,774	56	93,746	5,867,506	62.57
12-13	.00063	93,718	59	93,688	5,773,760	61.61
13-14	.00069	93,659	65	93,626	5,680,072	60.65
14-15	.00078	93,594	73	93,557	5,586,446	59.69
15-16	.00089	93,521	83	93,479	5,492,889	58.73
16-17	.00100	93,438	94	93,391	5,399,410	57.79
17-18	.00111	93,344	103	93,292	5,306,019	56.84
18-19	.00121	93,241	113	93,184	5,212,727	55.91
19-20	.00133	93,128	124	93,066	5,119,543	54.97
20-21	.00143	93,004	133	92,937	5,026,477	54.05
21-22	.00153	92,871	142	92,800	4,933,540	53.12
22-23	.00160	92,729	149	92,655	4,840,740	52.20
23-24	.00163	92,580	150	92,505	4,748,085	51.29
24-25	.00163	92,430	151	92,354	4,655,580	50.37
25-26	.00163	92,279	150	92,204	4,563,226	49.45
26-27	.00164	92,129	152	92,053	4,471,022	48.53
27-28	.00166	91,977	152	91,901	4,378,969	47.61
28-29	.00172	91,825	158	91,746	4,287,068	46.69
29-30	.00178	91,667	163	91,585	4,195,322	45.77
30-31	.00187	91,504	171	91,418	4,103,737	44.85
31-32	.00197	91,333	180	91,243	4,012,519	43.93
32-33	.00208	91,153	190	91,058	3,921,076	43.02
33-34	.00221	90,963	201	90,862	3,830,018	42.11
34-35	.00235	90,762	213	90,655	3,739,156	41.20
35-36	.00251	90,549	228	90,435	3,648,501	40.29
36-37	.00268	90,321	242	90,200	3,558,066	39.39
37-38	.00286	90,079	257	89,951	3,467,866	38.50
38-39	.00305	89,822	274	89,685	3,377,915	37.61
39-40	.00326	89,548	292	89,402	3,288,230	36.72
40-41	.00348	89,256	311	89,101	3,198,828	35.84
41-42	.00371	88,945	330	88,780	3,109,727	34.96
42-43	.00396	88,615	351	88,440	3,020,947	34.09
43-44	.00424	88,264	374	88,077	2,932,507	33.22
44-45	.00457	87,890	402	87,689	2,844,430	32.36
45-46	.00489	87,488	427	87,275	2,756,741	31.51
46-47	.00518	87,061	451	86,835	2,669,466	30.66
47-48	.00538	86,610	466	86,377	2,582,631	29.82
48-49	.00540	86,144	466	85,911	2,496,254	28.98
49-50	.00542	85,678	464	85,446	2,410,343	28.13
50-51	.00544	85,214	463	84,982	2,324,897	27.28
51-52	.00546	84,751	463	84,519	2,239,915	26.43
52-53	.00548	84,288	462	84,057	2,155,396	25.57
53-54	.00613	83,826	514	83,569	2,071,339	24.71
54-55	.00702	83,312	585	83,020	1,987,770	23.86

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW MEXICO, 1949-51.—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.00808	82,727	668	82,393	1,904,750	23.02
56-57	.00924	82,059	758	81,680	1,822,357	22.21
57-58	.01043	81,301	848	80,877	1,740,677	21.41
58-59	.01172	80,453	943	79,981	1,659,800	20.63
59-60	.01316	79,510	1,047	78,987	1,579,819	19.87
60-61	.01463	78,463	1,148	77,889	1,500,832	19.13
61-62	.01604	77,315	1,240	76,695	1,422,943	18.40
62-63	.01728	76,075	1,314	75,418	1,346,248	17.70
63-64	.01812	74,761	1,355	74,083	1,270,830	17.00
64-65	.01862	73,406	1,367	72,723	1,196,747	16.30
65-66	.01914	72,039	1,379	71,350	1,124,024	15.60
66-67	.02001	70,660	1,414	69,953	1,052,674	14.90
67-68	.02159	69,246	1,495	68,499	982,721	14.19
68-69	.02387	67,751	1,617	66,943	914,222	13.49
69-70	.02662	66,134	1,760	65,254	847,279	12.81
70-71	.02985	64,374	1,922	63,413	782,025	12.15
71-72	.03354	62,452	2,094	61,405	718,612	11.51
72-73	.03769	60,358	2,275	59,220	657,207	10.89
73-74	.04247	58,083	2,467	56,849	597,987	10.30
74-75	.04788	55,616	2,663	54,284	541,138	9.73
75-76	.05367	52,953	2,842	51,532	486,854	9.19
76-77	.05959	50,111	2,986	48,618	435,322	8.69
77-78	.06538	47,125	3,081	45,584	386,704	8.21
78-79	.07050	44,044	3,105	42,491	341,120	7.74
79-80	.07512	40,939	3,076	39,401	298,629	7.29
80-81	.08005	37,863	3,031	36,348	259,228	6.85
81-82	.08611	34,832	2,999	33,333	222,880	6.40
82-83	.09412	31,833	2,996	30,335	189,547	5.95
83-84	.10343	28,837	2,983	27,346	159,212	5.52
84-85	.11350	25,854	2,934	24,387	131,866	5.10
85-86	.12529	22,920	2,872	21,484	107,479	4.69
86-87	.13977	20,048	2,802	18,647	85,995	4.29
87-88	.15789	17,246	2,723	15,885	67,548	3.91
88-89	.18190	14,523	2,642	13,202	51,463	3.54
89-90	.21117	11,881	2,509	10,627	38,261	3.22
90-91	.24231	9,372	2,271	8,237	27,634	2.95
91-92	.27197	7,101	1,931	6,136	19,397	2.73
92-93	.29677	5,170	1,534	4,403	13,261	2.57
93-94	.31595	3,636	1,149	3,061	8,858	2.44
94-95	.33177	2,487	825	2,074	5,797	2.33
95-96	.34535	1,662	574	1,375	3,723	2.24
96-97	.35784	1,088	389	893	2,348	2.16
97-98	.37036	699	259	569	1,455	2.08
98-99	.38217	440	168	356	886	2.01
99-100	.39250	272	107	218	530	1.95
100-101	.40249	165	66	132	312	1.89
101-102	.41328	99	41	78	180	1.82
102-103	.42600	58	25	46	102	1.75
103-104	.44112	33	14	26	56	1.67
104-105	.45789	19	9	14	30	1.60
105-106	.47559	10	5	8	16	1.53
106-107	.49353	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00227. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.27 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 94,277 will complete the first year of life and enter the second; 93,814 will begin the third year; 91,325 will reach age 21; and 39,981 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 5,723 die in the first year of life, 463 in the second year, 207 in the twenty-second year, and 2,742 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 91,221. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 91,221 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,478,897 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,428,838.

Column 7—Average remaining lifetime (e_x^0).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 91,221 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 91,325 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,478,897) is the total number of years lived after attaining age 21 by the 91,325 reaching that age. This number of years divided by the number of persons (4,478,897 divided by 91,325) gives 49.04 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

New York

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

New York Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.32 years for white males and 71.30 years for white females. This State ranks 28th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW YORK, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02628	100,000	2,628	97,689	6,631,576	66.32
1-2	.00166	97,372	162	97,291	6,533,887	67.10
2-3	.00111	97,210	108	97,156	6,436,596	66.21
3-4	.00090	97,102	87	97,059	6,339,440	65.29
4-5	.00080	97,015	78	96,976	6,242,381	64.34
5-6	.00073	96,937	70	96,902	6,145,405	63.40
6-7	.00066	96,867	64	96,835	6,048,503	62.44
7-8	.00061	96,803	59	96,773	5,951,668	61.48
8-9	.00057	96,744	55	96,716	5,854,895	60.52
9-10	.00055	96,689	54	96,662	5,758,179	59.55
10-11	.00054	96,635	52	96,609	5,661,517	58.59
11-12	.00055	96,583	53	96,557	5,564,908	57.62
12-13	.00058	96,530	56	96,502	5,468,351	56.65
13-14	.00064	96,474	62	96,443	5,371,849	55.68
14-15	.00073	96,412	70	96,377	5,275,406	54.72
15-16	.00084	96,342	81	96,302	5,179,029	53.76
16-17	.00094	96,261	90	96,216	5,082,727	52.80
17-18	.00103	96,171	99	96,121	4,986,511	51.85
18-19	.00110	96,072	106	96,019	4,890,390	50.90
19-20	.00117	95,966	112	95,910	4,794,371	49.96
20-21	.00123	95,854	118	95,795	4,698,461	49.02
21-22	.00128	95,736	123	95,674	4,602,666	48.08
22-23	.00132	95,613	126	95,550	4,506,992	47.14
23-24	.00133	95,487	127	95,423	4,411,442	46.20
24-25	.00132	95,360	126	95,297	4,316,010	45.26
25-26	.00130	95,234	124	95,172	4,220,722	44.32
26-27	.00129	95,110	122	95,049	4,125,550	43.38
27-28	.00130	94,988	124	94,926	4,030,501	42.43
28-29	.00133	94,864	126	94,801	3,935,575	41.49
29-30	.00137	94,738	130	94,673	3,840,774	40.54
30-31	.00143	94,608	135	94,540	3,746,101	39.60
31-32	.00151	94,473	143	94,401	3,651,561	38.65
32-33	.00163	94,330	154	94,253	3,557,160	37.71
33-34	.00178	94,176	167	94,093	3,462,907	36.77
34-35	.00196	94,009	185	93,917	3,368,814	35.84
35-36	.00217	93,824	203	93,723	3,274,897	34.90
36-37	.00241	93,621	226	93,508	3,181,174	33.98
37-38	.00269	93,395	251	93,270	3,087,666	33.06
38-39	.00300	93,144	279	93,004	2,994,396	32.15
39-40	.00334	92,865	311	92,710	2,901,392	31.24
40-41	.00371	92,554	343	92,383	2,808,682	30.35
41-42	.00414	92,211	382	92,020	2,716,299	29.46
42-43	.00463	91,829	425	91,617	2,624,279	28.58
43-44	.00517	91,404	472	91,168	2,532,662	27.71
44-45	.00577	90,932	525	90,669	2,441,494	26.85
45-46	.00642	90,407	581	90,117	2,350,825	26.00
46-47	.00713	89,826	640	89,506	2,260,708	25.17
47-48	.00793	89,186	707	88,832	2,171,202	24.34
48-49	.00879	88,479	778	88,090	2,082,370	23.54
49-50	.00971	87,701	852	87,275	1,994,280	22.74
50-51	.01071	86,849	930	86,384	1,907,005	21.96
51-52	.01181	85,919	1,014	85,412	1,820,621	21.19
52-53	.01303	84,905	1,107	84,351	1,735,209	20.44
53-54	.01437	83,798	1,204	83,196	1,650,858	19.70
54-55	.01582	82,594	1,307	81,941	1,567,662	18.98

TABLE 1. LIFE TABLE FOR WHITE MALES: NEW YORK, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01738	81,287	1,412	80,581	1,485,721	18.28
56-57	.01903	79,875	1,520	79,115	1,405,140	17.59
57-58	.02079	78,355	1,629	77,540	1,326,025	16.92
58-59	.02263	76,726	1,737	75,858	1,248,485	16.27
59-60	.02456	74,989	1,841	74,069	1,172,627	15.64
60-61	.02660	73,148	1,946	72,175	1,098,558	15.02
61-62	.02877	71,202	2,049	70,178	1,026,383	14.42
62-63	.03107	69,153	2,148	68,079	956,205	13.83
63-64	.03345	67,005	2,241	65,884	888,126	13.25
64-65	.03589	64,764	2,325	63,601	822,242	12.70
65-66	.03849	62,439	2,403	61,238	758,641	12.15
66-67	.04136	60,036	2,483	58,794	697,403	11.62
67-68	.04460	57,553	2,567	56,269	638,609	11.10
68-69	.04822	54,986	2,651	53,660	582,340	10.59
69-70	.05214	52,335	2,729	50,970	528,680	10.10
70-71	.05636	49,606	2,796	48,208	477,710	9.63
71-72	.06087	46,810	2,849	45,385	429,502	9.18
72-73	.06565	43,961	2,886	42,518	384,117	8.74
73-74	.07064	41,075	2,902	39,624	341,599	8.32
74-75	.07585	38,173	2,895	36,725	301,975	7.91
75-76	.08138	35,278	2,871	33,842	265,250	7.52
76-77	.08731	32,407	2,830	30,992	231,408	7.14
77-78	.09375	29,577	2,772	28,191	200,416	6.78
78-79	.10059	26,805	2,697	25,456	172,225	6.43
79-80	.10777	24,108	2,598	22,809	146,769	6.09
80-81	.11544	21,510	2,483	20,269	123,960	5.76
81-82	.12375	19,027	2,355	17,850	103,691	5.45
82-83	.13285	16,672	2,215	15,565	85,841	5.15
83-84	.14277	14,457	2,064	13,425	70,276	4.86
84-85	.15340	12,393	1,901	11,443	56,851	4.59
85-86	.16472	10,492	1,728	9,628	45,408	4.33
86-87	.17666	8,764	1,548	7,990	35,780	4.08
87-88	.18920	7,216	1,366	6,533	27,790	3.85
88-89	.20244	5,850	1,184	5,258	21,257	3.63
89-90	.21642	4,666	1,010	4,161	15,999	3.43
90-91	.23096	3,656	844	3,234	11,838	3.24
91-92	.24589	2,812	692	2,466	8,604	3.06
92-93	.26105	2,120	553	1,844	6,138	2.89
93-94	.27650	1,567	433	1,350	4,294	2.74
94-95	.29234	1,134	332	968	2,944	2.60
95-96	.30850	802	247	678	1,976	2.46
96-97	.32486	555	180	465	1,298	2.34
97-98	.34133	375	128	311	833	2.22
98-99	.35798	247	89	203	522	2.11
99-100	.37487	158	59	129	319	2.01
100-101	.39190	99	39	80	190	1.91
101-102	.40897	60	24	48	110	1.83
102-103	.42600	36	16	28	62	1.74
103-104	.44298	20	9	16	34	1.67
104-105	.45998	11	5	9	18	1.59
105-106	.47698	6	3	5	9	1.52
106-107	.49399	3	1	2	4	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW YORK, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02044	100,000	2,044	98,234	7,129,551	71.30
1-2	0.0141	97,956	138	97,887	7,031,317	71.78
2-3	0.0094	97,818	92	97,772	6,933,430	70.88
3-4	0.0076	97,726	74	97,689	6,835,658	69.95
4-5	0.0058	97,652	57	97,623	6,737,969	69.00
5-6	0.0052	97,595	51	97,570	6,640,346	68.04
6-7	0.0047	97,544	46	97,521	6,542,776	67.08
7-8	0.0043	97,498	41	97,477	6,445,255	66.11
8-9	0.0039	97,457	39	97,438	6,347,778	65.13
9-10	0.0037	97,418	36	97,400	6,250,340	64.16
10-11	0.0035	97,382	34	97,365	6,152,940	63.18
11-12	0.0034	97,348	33	97,332	6,055,575	62.21
12-13	0.0035	97,315	34	97,298	5,958,243	61.23
13-14	0.0037	97,281	36	97,263	5,860,945	60.25
14-15	0.0041	97,245	40	97,225	5,763,682	59.27
15-16	0.0045	97,205	43	97,183	5,666,457	58.29
16-17	0.0050	97,162	49	97,137	5,569,274	57.32
17-18	0.0054	97,113	52	97,087	5,472,137	56.35
18-19	0.0057	97,061	56	97,033	5,375,050	55.38
19-20	0.0060	97,005	58	96,976	5,278,017	54.41
20-21	0.0063	96,947	61	96,917	5,181,041	53.44
21-22	0.0066	96,886	64	96,854	5,084,124	52.48
22-23	0.0069	96,822	67	96,789	4,987,270	51.51
23-24	0.0072	96,755	69	96,720	4,890,481	50.54
24-25	0.0075	96,686	73	96,649	4,793,761	49.58
25-26	0.0079	96,613	76	96,575	4,697,112	48.62
26-27	0.0083	96,537	80	96,497	4,600,537	47.66
27-28	0.0088	96,457	85	96,414	4,504,040	46.69
28-29	0.0094	96,372	91	96,326	4,407,626	45.74
29-30	0.0101	96,281	97	96,233	4,311,300	44.78
30-31	0.0109	96,184	105	96,131	4,215,067	43.82
31-32	0.0118	96,079	113	96,022	4,118,936	42.87
32-33	0.0128	95,966	123	95,904	4,022,914	41.92
33-34	0.0138	95,843	132	95,777	3,927,010	40.97
34-35	0.0149	95,711	143	95,639	3,831,233	40.03
35-36	0.0160	95,568	153	95,492	3,735,594	39.09
36-37	0.0174	95,415	166	95,332	3,640,102	38.15
37-38	0.0190	95,249	181	95,159	3,544,770	37.22
38-39	0.0208	95,068	198	94,969	3,449,611	36.29
39-40	0.0229	94,870	217	94,762	3,354,642	35.36
40-41	0.0251	94,653	238	94,534	3,259,880	34.44
41-42	0.0276	94,415	260	94,285	3,165,346	33.53
42-43	0.0304	94,155	286	94,012	3,071,061	32.62
43-44	0.0334	93,869	314	93,712	2,977,049	31.71
44-45	0.0365	93,555	341	93,384	2,883,337	30.82
45-46	0.0400	93,214	373	93,027	2,789,953	29.93
46-47	0.0438	92,841	407	92,637	2,696,926	29.05
47-48	0.0480	92,434	444	92,212	2,604,289	28.17
48-49	0.0526	91,990	483	91,749	2,512,077	27.31
49-50	0.0575	91,507	527	91,244	2,420,328	26.45
50-51	0.0628	90,980	571	90,695	2,329,084	25.60
51-52	0.0687	90,409	621	90,099	2,238,389	24.76
52-53	0.0753	89,788	676	89,450	2,148,290	23.93
53-54	0.0824	89,112	734	88,745	2,058,840	23.10
54-55	0.0898	88,378	794	87,981	1,970,095	22.29

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NEW YORK, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.00980	87,584	858	87,155	1,882,114	21.49
56-57	.01072	86,726	930	86,261	1,794,959	20.70
57-58	.01180	85,796	1,012	85,290	1,708,698	19.92
58-59	.01303	84,784	1,105	84,231	1,623,408	19.15
59-60	.01440	83,679	1,205	83,076	1,539,177	18.39
60-61	.01589	82,474	1,311	81,819	1,456,101	17.66
61-62	.01747	81,163	1,418	80,454	1,374,282	16.93
62-63	.01914	79,745	1,526	78,982	1,293,828	16.22
63-64	.02077	78,219	1,625	77,407	1,214,846	15.53
64-65	.02237	76,594	1,713	75,738	1,137,439	14.85
65-66	.02413	74,881	1,807	73,978	1,061,701	14.18
66-67	.02622	73,074	1,916	72,116	987,723	13.52
67-68	.02883	71,158	2,051	70,132	915,607	12.87
68-69	.03196	69,107	2,209	68,002	845,475	12.23
69-70	.03550	66,898	2,375	65,711	777,473	11.62
70-71	.03942	64,523	2,543	63,251	711,762	11.03
71-72	.04371	61,980	2,709	60,625	648,511	10.46
72-73	.04836	59,271	2,867	57,837	587,886	9.92
73-74	.05334	56,404	3,008	54,900	530,049	9.40
74-75	.05867	53,396	3,133	51,829	475,149	8.90
75-76	.06438	50,263	3,236	48,645	423,320	8.42
76-77	.07047	47,027	3,314	45,370	374,675	7.97
77-78	.07699	43,713	3,365	42,030	329,305	7.53
78-79	.08388	40,348	3,385	38,655	287,275	7.12
79-80	.09113	36,963	3,368	35,279	248,620	6.73
80-81	.09880	33,595	3,319	31,935	213,541	6.35
81-82	.10697	30,276	3,239	28,656	181,406	5.99
82-83	.11570	27,037	3,128	25,473	152,750	5.65
83-84	.12470	23,909	2,982	22,418	127,277	5.32
84-85	.13393	20,927	2,802	19,526	104,859	5.01
85-86	.14382	18,125	2,607	16,821	85,333	4.71
86-87	.15482	15,518	2,403	14,317	68,512	4.42
87-88	.16735	13,115	2,194	12,018	54,195	4.13
88-89	.18185	10,921	1,986	9,928	42,177	3.86
89-90	.19802	8,935	1,770	8,050	32,249	3.61
90-91	.21523	7,165	1,542	6,394	24,199	3.38
91-92	.23284	5,623	1,309	4,969	17,805	3.17
92-93	.25021	4,314	1,079	3,774	12,836	2.98
93-94	.26741	3,235	865	2,802	9,062	2.80
94-95	.28485	2,370	675	2,032	6,260	2.64
95-96	.30246	1,695	513	1,438	4,228	2.50
96-97	.32012	1,182	378	993	2,790	2.36
97-98	.33775	804	272	668	1,797	2.24
98-99	.35541	532	189	438	1,129	2.12
99-100	.37315	343	128	279	691	2.02
100-101	.39090	215	84	173	412	1.92
101-102	.40855	131	54	104	239	1.83
102-103	.42600	77	33	61	135	1.74
103-104	.44321	44	19	35	74	1.67
104-105	.46023	25	12	19	39	1.59
105-106	.47716	13	6	10	20	1.52
106-107	.49405	7	3	5	10	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00128. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.28 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,372 will complete the first year of life and enter the second; 97,210 will begin the third year; 95,736 will reach age 21; and 35,278 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,628 die in the first year of life, 162 in the second year, 123 in the twenty-second year, and 2,871 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,674. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,674 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,602,666 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,631,576.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,674 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,736 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,602,666) is the total number of years lived after attaining age 21 by the 95,736 reaching that age. This number of years divided by the number of persons (4,602,666 divided by 95,736) gives 48.08 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

North Carolina
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

North Carolina Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.53 years for white males, 72.89 years for white females, 58.46 years for nonwhite males, and 62.83 years for nonwhite females. This State ranks 21st among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth¹ for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NORTH CAROLINA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.03085	100,000	3,085	97,287	6,652,685	66.53
1-2	0.02200	96,915	194	96,818	6,555,398	67.64
2-3	0.0127	96,721	123	96,660	6,458,580	66.78
3-4	0.0100	96,598	96	96,550	6,361,920	65.86
4-5	0.0083	96,502	80	96,462	6,265,370	64.92
5-6	0.0077	96,422	75	96,385	6,168,908	63.98
6-7	0.0071	96,347	68	96,313	6,072,523	63.03
7-8	0.0065	96,279	63	96,248	5,976,210	62.07
8-9	0.0060	96,216	57	96,188	5,879,962	61.11
9-10	0.0057	96,159	55	96,131	5,783,774	60.15
10-11	0.0056	96,104	54	96,077	5,687,643	59.18
11-12	0.0057	96,050	55	96,023	5,591,566	58.22
12-13	0.0061	95,995	58	95,966	5,495,543	57.25
13-14	0.0069	95,937	66	95,904	5,399,577	56.28
14-15	0.0079	95,871	76	95,833	5,303,673	55.32
15-16	0.0092	95,795	88	95,751	5,207,840	54.36
16-17	0.0106	95,707	102	95,656	5,112,089	53.41
17-18	0.0119	95,605	114	95,548	5,016,433	52.47
18-19	0.0132	95,491	126	95,428	4,920,885	51.53
19-20	0.0147	95,365	140	95,295	4,825,457	50.60
20-21	0.0161	95,225	153	95,149	4,730,162	49.67
21-22	0.0174	95,072	166	94,989	4,635,013	48.75
22-23	0.0182	94,906	172	94,820	4,540,024	47.84
23-24	0.0184	94,734	175	94,647	4,445,204	46.92
24-25	0.0182	94,559	172	94,473	4,350,557	46.01
25-26	0.0178	94,387	168	94,303	4,256,084	45.09
26-27	0.0175	94,219	165	94,137	4,161,781	44.17
27-28	0.0178	94,054	167	93,971	4,067,644	43.25
28-29	0.0186	93,887	175	93,800	3,973,673	42.32
29-30	0.0198	93,712	185	93,620	3,879,873	41.40
30-31	0.0213	93,527	199	93,427	3,786,253	40.48
31-32	0.0228	93,328	213	93,221	3,692,826	39.57
32-33	0.0244	93,115	227	93,001	3,599,605	38.66
33-34	0.0259	92,888	241	92,767	3,506,604	37.75
34-35	0.0274	92,647	254	92,520	3,413,837	36.85
35-36	0.0290	92,393	268	92,259	3,321,317	35.95
36-37	0.0309	92,125	284	91,983	3,229,058	35.05
37-38	0.0334	91,841	307	91,687	3,137,075	34.16
38-39	0.0364	91,534	333	91,367	3,045,388	33.27
39-40	0.0399	91,201	364	91,019	2,954,021	32.39
40-41	0.0437	90,837	397	90,638	2,863,002	31.52
41-42	0.0478	90,440	432	90,224	2,772,364	30.65
42-43	0.0521	90,008	469	89,773	2,682,140	29.80
43-44	0.0565	89,539	506	89,286	2,592,367	28.95
44-45	0.0611	89,033	544	88,761	2,503,081	28.11
45-46	0.0659	88,489	583	88,197	2,414,320	27.28
46-47	0.0713	87,906	627	87,592	2,326,123	26.46
47-48	0.0773	87,279	675	86,941	2,238,531	25.65
48-49	0.0838	86,604	726	86,241	2,151,590	24.84
49-50	0.0907	85,878	779	85,489	2,065,349	24.05
50-51	0.0983	85,099	836	84,681	1,979,860	23.27
51-52	0.1066	84,263	898	83,814	1,895,179	22.49
52-53	0.1160	83,365	967	82,881	1,811,365	21.73
53-54	0.1262	82,398	1,040	81,878	1,728,484	20.98
54-55	0.1371	81,358	1,116	80,800	1,646,606	20.24

TABLE 1. LIFE TABLE FOR WHITE MALES: NORTH CAROLINA, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	L_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01489	80,242	1,194	79,645	1,565,806	19.51
56-57	.01622	79,048	1,283	78,407	1,486,161	18.80
57-58	.01772	77,765	1,378	77,076	1,407,754	18.10
58-59	.01947	76,387	1,487	75,644	1,330,678	17.42
59-60	.02146	74,900	1,607	74,096	1,255,034	16.76
60-61	.02355	73,293	1,726	72,430	1,180,938	16.11
61-62	.02564	71,567	1,835	70,649	1,108,508	15.49
62-63	.02761	69,732	1,925	68,769	1,037,859	14.88
63-64	.02927	67,807	1,985	66,814	969,090	14.29
64-65	.03069	65,822	2,020	64,812	902,276	13.71
65-66	.03216	63,802	2,052	62,776	837,464	13.13
66-67	.03397	61,750	2,098	60,701	774,688	12.55
67-68	.03642	59,652	2,172	58,566	713,987	11.97
68-69	.03952	57,480	2,272	56,344	655,421	11.40
69-70	.04309	55,208	2,379	54,019	599,077	10.85
70-71	.04709	52,829	2,488	51,585	545,058	10.32
71-72	.05147	50,341	2,591	49,046	493,473	9.80
72-73	.05620	47,750	2,683	46,409	444,427	9.31
73-74	.06134	45,067	2,765	43,685	398,018	8.83
74-75	.06692	42,302	2,830	40,887	354,333	8.38
75-76	.07285	39,472	2,876	38,034	313,446	7.94
76-77	.07903	36,596	2,892	35,150	275,412	7.53
77-78	.08536	33,704	2,877	32,265	240,262	7.13
78-79	.09132	30,827	2,815	29,419	207,997	6.75
79-80	.09698	28,012	2,717	26,653	178,578	6.38
80-81	.10311	25,295	2,608	23,991	151,925	6.01
81-82	.11053	22,687	2,508	21,433	127,934	5.64
82-83	.12002	20,179	2,422	18,968	106,501	5.28
83-84	.13234	17,757	2,350	16,582	87,533	4.93
84-85	.14695	15,407	2,264	14,275	70,951	4.61
85-86	.16273	13,143	2,138	12,074	56,676	4.31
86-87	.17855	11,005	1,965	10,022	44,602	4.05
87-88	.19328	9,040	1,748	8,166	34,580	3.83
88-89	.20653	7,292	1,506	6,539	26,414	3.62
89-90	.21904	5,786	1,267	5,153	19,875	3.44
90-91	.23142	4,519	1,046	3,996	14,722	3.26
91-92	.24423	3,473	848	3,049	10,726	3.09
92-93	.25806	2,625	677	2,286	7,677	2.93
93-94	.27306	1,948	532	1,682	5,391	2.77
94-95	.28884	1,416	409	1,211	3,709	2.62
95-96	.30518	1,007	307	853	2,498	2.48
96-97	.32186	700	226	587	1,645	2.35
97-98	.33866	474	160	394	1,058	2.23
98-99	.35573	314	112	258	664	2.12
99-100	.37322	202	75	164	406	2.01
100-101	.39091	127	50	102	242	1.92
101-102	.40857	77	31	61	140	1.83
102-103	.42600	46	20	36	79	1.74
103-104	.44315	26	11	20	43	1.67
104-105	.46017	15	7	11	23	1.59
105-106	.47711	8	4	6	12	1.52
106-107	.49404	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NORTH CAROLINA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02385	100,000	2,385	97,939	7,289,112	72.89
1-2	0.00193	97,615	188	97,521	7,191,173	73.67
2-3	0.00117	97,427	114	97,370	7,093,652	72.81
3-4	0.00074	97,313	72	97,277	6,996,282	71.89
4-5	0.00066	97,241	65	97,209	6,899,005	70.95
5-6	0.00062	97,176	60	97,146	6,801,796	69.99
6-7	0.00057	97,116	55	97,088	6,704,650	69.04
7-8	0.00052	97,061	51	97,036	6,607,562	68.08
8-9	0.00047	97,010	45	96,988	6,510,526	67.11
9-10	0.00042	96,965	41	96,944	6,413,538	66.14
10-11	0.00039	96,924	38	96,905	6,316,594	65.17
11-12	0.00037	96,886	36	96,868	6,219,689	64.20
12-13	0.00036	96,850	34	96,833	6,122,821	63.22
13-14	0.00038	96,816	37	96,797	6,025,988	62.24
14-15	0.00042	96,779	41	96,758	5,929,191	61.27
15-16	0.00047	96,738	45	96,715	5,832,433	60.29
16-17	0.00053	96,693	52	96,667	5,735,718	59.32
17-18	0.00057	96,641	55	96,614	5,639,051	58.35
18-19	0.00060	96,586	58	96,557	5,542,437	57.38
19-20	0.00063	96,528	60	96,498	5,445,880	56.42
20-21	0.00065	96,468	63	96,436	5,349,382	55.45
21-22	0.00067	96,405	65	96,373	5,252,946	54.49
22-23	0.00070	96,340	67	96,306	5,156,573	53.52
23-24	0.00072	96,273	70	96,238	5,060,267	52.56
24-25	0.00074	96,203	71	96,168	4,964,029	51.60
25-26	0.00077	96,132	74	96,095	4,867,861	50.64
26-27	0.00080	96,058	77	96,020	4,771,766	49.68
27-28	0.00084	95,981	80	95,941	4,675,746	48.72
28-29	0.00089	95,901	86	95,858	4,579,805	47.76
29-30	0.00096	95,815	92	95,769	4,483,947	46.80
30-31	0.00103	95,723	98	95,674	4,388,178	45.84
31-32	0.00111	95,625	106	95,572	4,292,504	44.89
32-33	0.00120	95,519	115	95,461	4,196,932	43.94
33-34	0.00130	95,404	124	95,342	4,101,471	42.99
34-35	0.00140	95,280	133	95,213	4,006,129	42.05
35-36	0.00152	95,147	145	95,074	3,910,916	41.10
36-37	0.00164	95,002	156	94,924	3,815,842	40.17
37-38	0.00177	94,846	168	94,762	3,720,918	39.23
38-39	0.00191	94,678	180	94,588	3,626,156	38.30
39-40	0.00205	94,498	194	94,401	3,531,568	37.37
40-41	0.00221	94,304	209	94,200	3,437,167	36.45
41-42	0.00237	94,095	223	93,984	3,342,967	35.53
42-43	0.00256	93,872	240	93,752	3,248,983	34.61
43-44	0.00275	93,632	257	93,503	3,155,231	33.70
44-45	0.00295	93,375	276	93,237	3,061,728	32.79
45-46	0.00317	93,099	295	92,952	2,968,491	31.89
46-47	0.00342	92,804	317	92,645	2,875,539	30.99
47-48	0.00372	92,487	344	92,315	2,782,894	30.09
48-49	0.00407	92,143	375	91,955	2,690,579	29.20
49-50	0.00447	91,768	411	91,562	2,598,624	28.32
50-51	0.00490	91,357	447	91,134	2,507,062	27.44
51-52	0.00536	90,910	488	90,666	2,415,928	26.57
52-53	0.00584	90,422	528	90,158	2,325,262	25.72
53-54	0.00630	89,894	566	89,611	2,235,104	24.86
54-55	0.00674	89,328	602	89,027	2,145,493	24.02

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NORTH CAROLINA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	$^o e_x$
55-56	.00723	88,726	642	88,405	2,056,466	23.18
56-57	.00784	88,084	690	87,739	1,968,061	22.34
57-58	.00862	87,394	753	87,017	1,880,522	21.52
58-59	.00961	86,641	833	86,224	1,793,505	20.70
59-60	.01078	85,808	925	85,345	1,707,081	19.89
60-61	.01206	84,883	1,024	84,371	1,621,736	19.11
61-62	.01340	83,859	1,123	83,297	1,537,365	18.33
62-63	.01477	82,736	1,222	82,125	1,454,068	17.57
63-64	.01598	81,514	1,303	80,862	1,371,943	16.83
64-65	.01706	80,211	1,368	79,527	1,291,081	16.10
65-66	.01828	78,843	1,442	78,122	1,211,554	15.37
66-67	.01990	77,401	1,540	76,651	1,133,432	14.64
67-68	.02220	75,861	1,684	75,019	1,056,801	13.93
68-69	.02530	74,177	1,877	73,239	981,782	13.24
69-70	.02902	72,300	2,098	71,251	908,543	12.57
70-71	.03317	70,202	2,329	69,038	837,292	11.93
71-72	.03756	67,873	2,549	66,599	768,254	11.32
72-73	.04200	65,324	2,743	63,952	701,655	10.74
73-74	.04637	62,581	2,902	61,130	637,703	10.19
74-75	.05081	59,679	3,033	58,163	576,573	9.66
75-76	.05548	56,646	3,142	55,075	518,410	9.15
76-77	.06053	53,504	3,239	51,884	463,335	8.66
77-78	.06613	50,265	3,324	48,603	411,451	8.19
78-79	.07220	46,941	3,389	45,246	362,848	7.73
79-80	.07864	43,552	3,425	41,839	317,602	7.29
80-81	.08555	40,127	3,433	38,411	275,763	6.87
81-82	.09305	36,694	3,414	34,987	237,352	6.47
82-83	.10123	33,280	3,369	31,595	202,365	6.08
83-84	.10967	29,911	3,281	28,271	170,770	5.71
84-85	.11831	26,630	3,150	25,055	142,499	5.35
85-86	.12778	23,480	3,000	21,980	117,444	5.00
86-87	.13871	20,480	2,841	19,059	95,464	4.66
87-88	.15175	17,639	2,677	16,301	76,405	4.33
88-89	.16758	14,962	2,507	13,708	60,104	4.02
89-90	.18576	12,455	2,314	11,298	46,396	3.73
90-91	.20529	10,141	2,082	9,100	35,098	3.46
91-92	.22515	8,059	1,814	7,152	25,998	3.23
92-93	.24430	6,245	1,526	5,482	18,846	3.02
93-94	.26279	4,719	1,240	4,099	13,364	2.83
94-95	.28130	3,479	979	2,990	9,265	2.66
95-96	.29977	2,500	749	2,126	6,275	2.51
96-97	.31816	1,751	557	1,472	4,149	2.37
97-98	.33641	1,194	402	993	2,677	2.24
98-99	.35456	792	281	652	1,684	2.12
99-100	.37265	511	190	416	1,032	2.02
100-101	.39062	321	126	258	616	1.92
101-102	.40842	195	79	156	358	1.83
102-103	.42600	116	50	91	202	1.74
103-104	.44329	66	29	52	111	1.66
104-105	.46033	37	17	28	59	1.59
105-106	.47722	20	10	15	31	1.52
106-107	.49407	10	5	8	16	1.46
107-108	.51100	5	2	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: NORTH CAROLINA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.05614	100,000	5,614	95,321	5,846,025	58.46
1-2	.00423	94,386	399	94,186	5,750,704	60.93
2-3	.00250	93,987	235	93,869	5,656,518	60.18
3-4	.00185	93,752	174	93,665	5,562,649	59.33
4-5	.00148	93,578	138	93,509	5,468,934	58.44
5-6	.00122	93,440	114	93,383	5,375,475	57.53
6-7	.00102	93,326	95	93,278	5,282,092	56.60
7-8	.00087	93,231	81	93,190	5,188,814	55.66
8-9	.00077	93,150	72	93,114	5,095,624	54.70
9-10	.00072	93,078	67	93,044	5,002,510	53.75
10-11	.00072	93,011	67	92,977	4,909,466	52.78
11-12	.00076	92,944	71	92,909	4,816,489	51.82
12-13	.00085	92,873	79	92,834	4,723,580	50.86
13-14	.00099	92,794	92	92,748	4,630,746	49.90
14-15	.00118	92,702	109	92,648	4,537,998	48.95
15-16	.00142	92,593	131	92,527	4,445,350	48.01
16-17	.00167	92,462	155	92,384	4,352,823	47.08
17-18	.00193	92,307	178	92,218	4,260,439	46.16
18-19	.00220	92,129	203	92,028	4,168,221	45.24
19-20	.00250	91,926	230	91,811	4,076,193	44.34
20-21	.00281	91,696	257	91,568	3,984,382	43.45
21-22	.00312	91,439	286	91,296	3,892,814	42.57
22-23	.00341	91,153	310	90,998	3,801,518	41.70
23-24	.00368	90,843	335	90,676	3,710,520	40.85
24-25	.00395	90,508	357	90,330	3,619,844	39.99
25-26	.00421	90,151	380	89,961	3,529,514	39.15
26-27	.00446	89,771	400	89,571	3,439,553	38.31
27-28	.00472	89,371	422	89,160	3,349,982	37.48
28-29	.00497	88,949	442	88,728	3,260,822	36.66
29-30	.00522	88,507	462	88,276	3,172,094	35.84
30-31	.00547	88,045	482	87,804	3,083,818	35.03
31-32	.00573	87,563	501	87,313	2,996,014	34.22
32-33	.00601	87,062	524	86,800	2,908,701	33.41
33-34	.00631	86,538	546	86,265	2,821,901	32.61
34-35	.00661	85,992	568	85,708	2,735,636	31.81
35-36	.00694	85,424	593	85,128	2,649,928	31.02
36-37	.00729	84,831	618	84,522	2,564,800	30.23
37-38	.00769	84,213	648	83,889	2,480,278	29.45
38-39	.00809	83,565	676	83,227	2,396,389	28.68
39-40	.00848	82,889	703	82,538	2,313,162	27.91
40-41	.00892	82,186	733	81,820	2,230,624	27.14
41-42	.00948	81,453	772	81,067	2,148,804	26.38
42-43	.01021	80,681	824	80,269	2,067,737	25.63
43-44	.01114	79,857	889	79,412	1,987,468	24.89
44-45	.01221	78,968	965	78,485	1,908,056	24.16
45-46	.01342	78,003	1,046	77,480	1,829,571	23.46
46-47	.01471	76,957	1,132	76,391	1,752,091	22.77
47-48	.01607	75,825	1,219	75,215	1,675,700	22.10
48-49	.01749	74,606	1,305	73,954	1,600,485	21.45
49-50	.01899	73,301	1,392	72,605	1,526,531	20.83
50-51	.02058	71,909	1,480	71,169	1,453,926	20.22
51-52	.02225	70,429	1,567	69,646	1,382,757	19.63
52-53	.02400	68,862	1,652	68,036	1,313,111	19.07
53-54	.02590	67,210	1,741	66,359	1,245,075	18.53
54-55	.02794	65,469	1,829	64,554	1,178,736	18.00

TABLE 3. LIFE TABLE FOR NONWHITE MALES: NORTH CAROLINA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.03004	63,640	1,912	62,684	1,114,182	17.51
56-57	.03209	61,728	1,981	60,737	1,051,498	17.03
57-58	.03402	59,747	2,033	58,731	990,761	16.58
58-59	.03582	57,714	2,067	56,681	932,030	16.15
59-60	.03756	55,647	2,090	54,602	875,349	15.73
60-61	.03922	53,557	2,101	52,507	820,747	15.32
61-62	.04081	51,456	2,099	50,407	768,240	14.93
62-63	.04232	49,357	2,089	48,312	717,833	14.54
63-64	.04371	47,268	2,066	46,235	669,521	14.16
64-65	.04498	45,202	2,033	44,185	623,286	13.79
65-66	.04619	43,169	1,994	42,172	579,101	13.41
66-67	.04740	41,175	1,952	40,199	536,929	13.04
67-68	.04865	39,223	1,908	38,269	496,730	12.66
68-69	.04983	37,315	1,860	36,385	458,461	12.29
69-70	.05090	35,455	1,804	34,553	422,076	11.90
70-71	.05205	33,651	1,752	32,775	387,523	11.52
71-72	.05345	31,899	1,705	31,047	354,748	11.12
72-73	.05529	30,194	1,669	29,359	323,701	10.72
73-74	.05769	28,525	1,646	27,702	294,342	10.32
74-75	.06052	26,879	1,627	26,066	266,640	9.92
75-76	.06362	25,252	1,606	24,449	240,574	9.53
76-77	.06679	23,646	1,579	22,856	216,125	9.14
77-78	.06986	22,067	1,542	21,296	193,269	8.76
78-79	.07233	20,525	1,485	19,783	171,973	8.38
79-80	.07432	19,040	1,415	18,333	152,190	7.99
80-81	.07659	17,625	1,350	16,950	133,857	7.59
81-82	.07987	16,275	1,300	15,625	116,907	7.18
82-83	.08493	14,975	1,271	14,340	101,282	6.76
83-84	.09166	13,704	1,256	13,076	86,942	6.34
84-85	.09956	12,448	1,240	11,828	73,866	5.93
85-86	.10878	11,208	1,219	10,599	62,038	5.53
86-87	.11949	9,989	1,194	9,392	51,439	5.15
87-88	.13184	8,795	1,159	8,216	42,047	4.78
88-89	.14614	7,636	1,116	7,078	33,831	4.43
89-90	.16228	6,520	1,058	5,991	26,753	4.10
90-91	.17981	5,462	982	4,971	20,762	3.80
91-92	.19826	4,480	888	4,036	15,791	3.53
92-93	.21716	3,592	780	3,202	11,755	3.27
93-94	.23683	2,812	666	2,479	8,553	3.04
94-95	.25757	2,146	553	1,869	6,074	2.83
95-96	.27893	1,593	444	1,371	4,205	2.64
96-97	.30044	1,149	345	976	2,834	2.47
97-98	.32163	804	259	674	1,858	2.31
98-99	.34282	545	187	452	1,184	2.17
99-100	.36431	358	130	293	732	2.05
100-101	.38565	228	88	184	439	1.93
101-102	.40637	140	57	111	255	1.83
102-103	.42600	83	35	65	144	1.74
103-104	.44424	48	22	37	79	1.66
104-105	.46139	26	12	20	42	1.59
105-106	.47793	14	7	11	22	1.52
106-107	.49431	7	3	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS--SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: NORTH CAROLINA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.04462	100,000	4,462	96,320	6,283,239	62.83
1-2	.00324	95,538	310	95,383	6,186,919	64.76
2-3	.00168	95,228	160	95,148	6,091,536	63.97
3-4	.00165	95,068	156	94,990	5,996,388	63.07
4-5	.00129	94,912	123	94,850	5,901,398	62.18
5-6	.00105	94,789	99	94,739	5,806,548	61.26
6-7	.00087	94,690	83	94,648	5,711,809	60.52
7-8	.00073	94,607	69	94,573	5,617,161	59.37
8-9	.00064	94,538	60	94,508	5,522,588	58.42
9-10	.00059	94,478	56	94,450	5,428,080	57.45
10-11	.00058	94,422	55	94,395	5,333,630	56.49
11-12	.00060	94,367	56	94,359	5,239,235	55.52
12-13	.00065	94,311	62	94,280	5,144,896	54.55
13-14	.00074	94,249	69	94,214	5,050,616	53.59
14-15	.00088	94,180	83	94,138	4,956,402	52.63
15-16	.00104	94,097	98	94,048	4,862,264	51.67
16-17	.00122	93,999	115	93,941	4,768,216	50.73
17-18	.00140	93,884	131	93,818	4,674,275	49.79
18-19	.00159	93,753	149	93,678	4,580,457	48.86
19-20	.00180	93,604	169	93,519	4,486,779	47.93
20-21	.00201	93,435	188	93,341	4,393,260	47.02
21-22	.00223	93,247	208	93,143	4,299,919	46.11
22-23	.00244	93,039	227	92,926	4,206,776	45.22
23-24	.00263	92,812	244	92,690	4,113,850	44.32
24-25	.00282	92,568	261	92,438	4,021,160	43.44
25-26	.00301	92,307	278	92,168	3,928,722	42.56
26-27	.00320	92,029	294	91,882	3,836,554	41.69
27-28	.00342	91,735	314	91,578	3,744,672	40.82
28-29	.00366	91,421	334	91,254	3,653,094	39.96
29-30	.00390	91,087	356	90,909	3,561,840	39.10
30-31	.00417	90,731	378	90,542	3,470,931	38.26
31-32	.00444	90,353	401	90,152	3,380,389	37.41
32-33	.00473	89,952	426	89,739	3,290,237	36.58
33-34	.00503	89,526	450	89,301	3,200,498	35.75
34-35	.00534	89,076	476	88,838	3,111,197	34.93
35-36	.00567	88,600	502	88,349	3,022,359	34.11
36-37	.00601	88,098	529	87,833	2,934,010	33.30
37-38	.00637	87,569	558	87,290	2,846,177	32.50
38-39	.00671	87,011	584	86,719	2,758,887	31.71
39-40	.00703	86,427	608	86,123	2,672,168	30.92
40-41	.00739	85,819	634	85,502	2,586,045	30.13
41-42	.00782	85,185	666	84,852	2,500,543	29.35
42-43	.00837	84,519	708	84,165	2,415,691	28.58
43-44	.00905	83,811	758	83,432	2,331,526	27.82
44-45	.00984	83,053	817	82,644	2,248,094	27.07
45-46	.01071	82,236	881	81,795	2,165,450	26.33
46-47	.01166	81,355	949	80,881	2,083,655	25.61
47-48	.01268	80,406	1,019	79,897	2,002,774	24.91
48-49	.01376	79,387	1,093	78,841	1,922,877	24.22
49-50	.01490	78,294	1,166	77,711	1,844,036	23.55
50-51	.01612	77,128	1,243	76,506	1,766,325	22.90
51-52	.01743	75,885	1,323	75,223	1,689,819	22.27
52-53	.01885	74,562	1,406	73,859	1,614,596	21.65
53-54	.02044	73,156	1,495	72,409	1,540,737	21.06
54-55	.02219	71,661	1,590	70,866	1,468,328	20.49

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: NORTH CAROLINA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.02400	70,071	1,682	69,250	1,397,462	19.94
56-57	.02577	68,389	1,762	67,508	1,328,232	19.42
57-58	.02741	66,627	1,826	65,714	1,260,724	18.92
58-59	.02889	64,801	1,872	63,865	1,195,010	18.44
59-60	.03027	62,929	1,905	61,976	1,131,145	17.97
60-61	.03159	61,024	1,928	60,060	1,069,169	17.52
61-62	.03290	59,096	1,944	58,124	1,009,109	17.08
62-63	.03421	57,152	1,955	56,174	950,985	16.64
63-64	.03555	55,197	1,963	54,215	894,811	16.21
64-65	.03690	53,234	1,964	52,252	840,596	15.79
65-66	.03823	51,270	1,960	50,290	788,544	15.38
66-67	.03951	49,310	1,948	48,326	738,054	14.97
67-68	.04074	47,362	1,930	46,397	689,718	14.56
68-69	.04186	45,432	1,902	44,481	643,521	14.16
69-70	.04289	43,530	1,867	42,597	598,840	13.76
70-71	.04390	41,663	1,829	40,749	556,243	13.35
71-72	.04494	39,834	1,790	38,939	515,494	12.94
72-73	.04609	38,044	1,753	37,167	476,555	12.53
73-74	.04732	36,291	1,718	35,432	439,588	12.11
74-75	.04858	34,573	1,679	33,734	403,956	11.68
75-76	.04992	32,894	1,642	32,073	370,222	11.26
76-77	.05137	31,252	1,606	30,449	338,149	10.82
77-78	.05295	29,646	1,569	28,862	307,700	10.38
78-79	.05435	28,077	1,526	27,314	278,838	9.93
79-80	.05556	26,551	1,475	25,813	251,524	9.47
80-81	.05704	25,076	1,431	24,360	225,711	9.00
81-82	.05928	23,645	1,401	22,944	201,351	8.52
82-83	.06276	22,244	1,396	21,546	178,407	8.02
83-84	.06691	20,848	1,395	20,150	156,861	7.52
84-85	.07140	19,453	1,389	18,758	136,711	7.03
85-86	.07710	18,064	1,393	17,367	117,953	6.53
86-87	.08488	16,671	1,415	15,963	100,586	6.03
87-88	.09560	15,256	1,459	14,527	84,623	5.55
88-89	.10976	13,797	1,514	13,040	70,096	5.08
89-90	.12677	12,283	1,557	11,504	57,056	4.65
90-91	.14590	10,726	1,565	9,943	45,552	4.25
91-92	.16641	9,161	1,524	8,399	35,609	3.89
92-93	.18757	7,637	1,433	6,920	27,210	3.56
93-94	.20987	6,204	1,302	5,553	20,290	3.27
94-95	.23379	4,902	1,146	4,329	14,737	3.01
95-96	.25860	3,756	971	3,270	10,408	2.77
96-97	.28357	2,785	790	2,390	7,138	2.56
97-98	.30795	1,995	614	1,688	4,748	2.38
98-99	.33224	1,381	459	1,151	3,060	2.22
99-100	.35692	922	329	757	1,909	2.07
100-101	.38127	593	226	480	1,152	1.94
101-102	.40454	367	149	293	672	1.83
102-103	.42600	218	93	172	379	1.74
103-104	.44512	125	55	97	207	1.66
104-105	.46238	70	33	53	110	1.59
105-106	.47859	37	17	28	57	1.52
106-107	.49453	20	10	15	29	1.46
107-108	.51100	10	5	7	14	1.40
108-109	.52810	5	3	4	7	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00174. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.74 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,915 will complete the first year of life and enter the second; 96,721 will begin the third year; 95,072 will reach age 21; and 39,472 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,085 die in the first year of life, 194 in the second year, 166 in the twenty-second year, and 2,876 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,989. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,989 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,635,013 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,652,685.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,989 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,072 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,635,013) is the total number of years lived after attaining age 21 by the 95,072 reaching that age. This number of years divided by the number of persons (4,635,013 divided by 95,072) gives 48.75 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

North Dakota

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

North Dakota Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 67.90 years for white males and 73.23 years for white females. This State ranks sixth among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: NORTH DAKOTA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03138	100,000	3,138	97,240	6,789,723	67.90
1-2	.00232	96,862	225	96,750	6,692,483	69.09
2-3	.00120	96,637	116	96,579	6,595,733	68.25
3-4	.00097	96,521	93	96,475	6,499,154	67.33
4-5	.00082	96,428	79	96,388	6,402,679	66.40
5-6	.00064	96,349	62	96,318	6,306,291	65.45
6-7	.00054	96,287	52	96,261	6,209,973	64.49
7-8	.00049	96,235	47	96,211	6,113,712	63.53
8-9	.00049	96,188	47	96,164	6,017,501	62.56
9-10	.00053	96,141	51	96,115	5,921,337	61.59
10-11	.00059	96,090	57	96,061	5,825,222	60.62
11-12	.00067	96,033	64	96,001	5,729,161	59.66
12-13	.00075	95,969	72	95,933	5,633,160	58.70
13-14	.00084	95,897	81	95,856	5,537,227	57.74
14-15	.00095	95,816	91	95,771	5,441,371	56.79
15-16	.00107	95,725	102	95,674	5,345,600	55.84
16-17	.00120	95,623	115	95,565	5,249,926	54.90
17-18	.00132	95,508	126	95,445	5,154,361	53.97
18-19	.00145	95,382	138	95,313	5,058,916	53.04
19-20	.00158	95,244	151	95,168	4,963,603	52.11
20-21	.00172	95,093	163	95,011	4,868,435	51.20
21-22	.00184	94,930	175	94,842	4,773,424	50.28
22-23	.00193	94,755	183	94,663	4,678,582	49.38
23-24	.00199	94,572	188	94,478	4,583,919	48.47
24-25	.00203	94,384	192	94,288	4,489,441	47.57
25-26	.00205	94,192	193	94,096	4,395,153	46.66
26-27	.00207	93,999	194	93,902	4,301,057	45.76
27-28	.00210	93,805	197	93,706	4,207,155	44.85
28-29	.00213	93,608	200	93,508	4,113,449	43.94
29-30	.00215	93,408	201	93,308	4,019,941	43.04
30-31	.00217	93,207	202	93,106	3,926,633	42.13
31-32	.00221	93,005	205	92,902	3,833,527	41.22
32-33	.00228	92,800	212	92,694	3,740,625	40.31
33-34	.00237	92,588	219	92,478	3,647,931	39.40
34-35	.00249	92,369	230	92,254	3,555,453	38.49
35-36	.00262	92,139	242	92,018	3,463,199	37.59
36-37	.00277	91,897	254	91,770	3,371,181	36.68
37-38	.00292	91,643	268	91,509	3,279,411	35.78
38-39	.00307	91,375	281	91,235	3,187,902	34.89
39-40	.00323	91,094	294	90,947	3,096,667	33.99
40-41	.00341	90,800	309	90,645	3,005,720	33.10
41-42	.00361	90,491	327	90,327	2,915,075	32.21
42-43	.00384	90,164	346	89,991	2,824,748	31.33
43-44	.00409	89,818	368	89,634	2,734,757	30.45
44-45	.00436	89,450	390	89,255	2,645,123	29.57
45-46	.00466	89,060	415	88,853	2,555,868	28.70
46-47	.00502	88,645	445	88,423	2,467,015	27.83
47-48	.00546	88,200	481	87,960	2,378,592	26.97
48-49	.00598	87,719	525	87,456	2,290,632	26.11
49-50	.00657	87,194	573	86,908	2,203,176	25.27
50-51	.00722	86,621	625	86,309	2,116,268	24.43
51-52	.00796	85,996	685	85,654	2,029,959	23.61
52-53	.00877	85,311	748	84,937	1,944,305	22.79
53-54	.00966	84,563	817	84,155	1,859,368	21.99
54-55	.01061	83,746	888	83,302	1,775,213	21.20

TABLE 1. LIFE TABLE FOR WHITE MALES: NORTH DAKOTA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01165	82,858	966	82,375	1,691,911	20.42
56-57	.01278	81,892	1,046	81,369	1,609,536	19.65
57-58	.01403	80,846	1,134	80,279	1,528,167	18.90
58-59	.01537	79,712	1,226	79,099	1,447,888	18.16
59-60	.01680	78,486	1,318	77,827	1,368,789	17.44
60-61	.01833	77,168	1,415	76,461	1,290,962	16.73
61-62	.02001	75,753	1,515	74,995	1,214,501	16.03
62-63	.02185	74,238	1,623	73,427	1,139,506	15.35
63-64	.02379	72,615	1,727	71,752	1,066,079	14.68
64-65	.02581	70,888	1,830	69,973	994,527	14.03
65-66	.02802	69,058	1,935	68,091	924,554	13.39
66-67	.03050	67,123	2,047	66,100	856,263	12.76
67-68	.03336	65,076	2,171	63,991	790,163	12.14
68-69	.03648	62,905	2,295	61,758	726,172	11.54
69-70	.03978	60,610	2,411	59,405	664,414	10.96
70-71	.04347	58,199	2,530	56,934	605,009	10.40
71-72	.04771	55,669	2,656	54,341	548,075	9.85
72-73	.05270	53,013	2,793	51,616	493,734	9.31
73-74	.05869	50,220	2,948	48,746	442,118	8.80
74-75	.06557	47,272	3,099	45,722	393,372	8.32
75-76	.07293	44,173	3,222	42,562	347,650	7.87
76-77	.08041	40,951	3,293	39,305	305,088	7.45
77-78	.08761	37,658	3,299	36,009	265,783	7.06
78-79	.09394	34,359	3,228	32,745	229,774	6.69
79-80	.09966	31,131	3,102	29,580	197,029	6.33
80-81	.10566	28,029	2,962	26,548	167,449	5.97
81-82	.11283	25,067	2,828	23,653	140,901	5.62
82-83	.12204	22,239	2,714	20,882	117,248	5.27
83-84	.13410	19,525	2,618	18,216	96,366	4.94
84-85	.14841	16,907	2,510	15,652	78,150	4.62
85-86	.16379	14,397	2,358	13,218	62,498	4.34
86-87	.17904	12,039	2,155	10,962	49,280	4.09
87-88	.19297	9,884	1,907	8,950	38,518	3.88
88-89	.20498	7,977	1,636	7,159	29,388	3.68
89-90	.21585	6,341	1,368	5,657	22,229	3.51
90-91	.22651	4,973	1,127	4,409	16,572	3.33
91-92	.23787	3,846	915	3,389	12,163	3.16
92-93	.25085	2,931	735	2,564	8,774	2.99
93-94	.26570	2,196	583	1,904	6,210	2.83
94-95	.28182	1,613	455	1,385	4,306	2.67
95-96	.29882	1,158	346	985	2,921	2.52
96-97	.31631	812	257	684	1,936	2.38
97-98	.33390	555	185	462	1,252	2.26
98-99	.35185	370	130	305	790	2.14
99-100	.37043	240	89	195	485	2.02
100-101	.38924	151	59	122	290	1.92
101-102	.40789	92	37	73	168	1.83
102-103	.42600	55	24	43	95	1.74
103-104	.44345	31	14	24	52	1.66
104-105	.46051	17	8	13	28	1.59
105-106	.47734	9	4	7	15	1.52
106-107	.49411	5	3	4	8	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NORTH DAKOTA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	1 year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02224	100,000	2,224	98,078	7,522,551	73.23
1-2	.00175	97,776	171	97,690	7,224,473	73.89
2-3	.00100	97,605	98	97,556	7,126,783	73.02
3-4	.00091	97,507	88	97,463	7,029,227	72.09
4-5	.00049	97,419	48	97,395	6,931,764	71.15
5-6	.00049	97,371	48	97,347	6,834,369	70.19
6-7	.00048	97,323	47	97,300	6,737,022	69.22
7-8	.00045	97,276	43	97,255	6,639,722	68.26
8-9	.00042	97,233	41	97,212	6,542,467	67.29
9-10	.00039	97,192	38	97,173	6,445,255	66.31
10-11	.00036	97,154	35	97,136	6,348,082	65.34
11-12	.00033	97,119	32	97,103	6,250,946	64.36
12-13	.00032	97,087	31	97,071	6,153,843	63.38
13-14	.00032	97,056	31	97,040	6,056,772	62.40
14-15	.00033	97,025	32	97,009	5,959,732	61.42
15-16	.00035	96,993	34	96,976	5,862,723	60.44
16-17	.00037	96,959	36	96,941	5,765,747	59.47
17-18	.00040	96,923	39	96,904	5,668,806	58.49
18-19	.00043	96,884	42	96,863	5,571,902	57.51
19-20	.00046	96,842	44	96,820	5,475,039	56.54
20-21	.00050	96,798	48	96,774	5,378,219	55.56
21-22	.00054	96,750	53	96,723	5,281,445	54.59
22-23	.00058	96,697	56	96,669	5,184,722	53.62
23-24	.00062	96,641	60	96,611	5,088,053	52.65
24-25	.00067	96,581	64	96,549	4,991,442	51.68
25-26	.00071	96,517	69	96,482	4,894,893	50.72
26-27	.00076	96,448	73	96,411	4,798,411	49.75
27-28	.00080	96,375	77	96,336	4,702,000	48.79
28-29	.00084	96,298	81	96,257	4,605,664	47.83
29-30	.00089	96,217	86	96,174	4,509,407	46.87
30-31	.00093	96,131	89	96,086	4,413,233	45.91
31-32	.00097	96,042	93	95,995	4,317,147	44.95
32-33	.00100	95,949	96	95,901	4,221,152	43.99
33-34	.00101	95,853	97	95,804	4,125,251	43.04
34-35	.00102	95,756	98	95,707	4,029,447	42.08
35-36	.00104	95,658	99	95,608	3,933,740	41.12
36-37	.00106	95,559	102	95,508	3,838,132	40.17
37-38	.00109	95,457	104	95,405	3,742,624	39.21
38-39	.00122	95,353	116	95,295	3,647,219	38.25
39-40	.00140	95,237	133	95,170	3,551,924	37.30
40-41	.00161	95,104	153	95,027	3,456,754	36.35
41-42	.00184	94,951	175	94,863	3,361,727	35.40
42-43	.00208	94,776	197	94,677	3,266,864	34.47
43-44	.00231	94,579	219	94,469	3,172,187	33.54
44-45	.00255	94,360	240	94,240	3,077,718	32.62
45-46	.00281	94,120	265	93,987	2,983,478	31.70
46-47	.00311	93,855	292	93,709	2,889,491	30.79
47-48	.00347	93,563	324	93,401	2,795,782	29.88
48-49	.00391	93,239	365	93,056	2,702,381	28.98
49-50	.00443	92,874	411	92,668	2,609,325	28.10
50-51	.00498	92,463	461	92,232	2,516,657	27.22
51-52	.00553	92,002	509	91,748	2,424,425	26.35
52-53	.00604	91,493	552	91,217	2,332,677	25.50
53-54	.00646	90,941	588	90,647	2,241,460	24.65
54-55	.00681	90,353	615	90,046	2,150,813	23.80

TABLE 2. LIFE TABLE FOR WHITE FEMALES: NORTH DAKOTA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00718	89,738	644	89,416	2,060,767	22.96
56-57	.00765	89,094	682	88,753	1,971,551	22.13
57-58	.00832	88,412	736	88,044	1,882,598	21.29
58-59	.00919	87,676	805	87,274	1,794,554	20.47
59-60	.01021	86,871	887	86,427	1,707,280	19.65
60-61	.01136	85,984	977	85,495	1,620,853	18.85
61-62	.01261	85,007	1,072	84,471	1,535,358	18.06
62-63	.01396	83,935	1,172	83,349	1,450,887	17.29
63-64	.01526	82,763	1,263	82,132	1,367,538	16.52
64-65	.01652	81,500	1,346	80,827	1,285,406	15.77
65-66	.01796	80,154	1,440	79,434	1,204,579	15.03
66-67	.01977	78,714	1,556	77,936	1,125,145	14.29
67-68	.02217	77,158	1,710	76,303	1,047,209	13.57
68-69	.02515	75,448	1,898	74,499	970,906	12.87
69-70	.02859	73,550	2,103	72,499	896,407	12.19
70-71	.03247	71,447	2,320	70,287	823,908	11.53
71-72	.03680	69,127	2,543	67,855	753,621	10.90
72-73	.04158	66,584	2,769	65,199	685,766	10.30
73-74	.04688	63,815	2,992	62,319	620,567	9.72
74-75	.05269	60,823	3,204	59,221	558,248	9.18
75-76	.05891	57,619	3,395	55,921	499,027	8.66
76-77	.06547	54,224	3,550	52,449	443,106	8.17
77-78	.07227	50,674	3,662	48,843	390,657	7.71
78-79	.07896	47,012	3,712	45,156	341,814	7.27
79-80	.08560	43,300	3,707	41,447	296,658	6.85
80-81	.09271	39,593	3,670	37,758	255,211	6.45
81-82	.10082	35,923	3,622	34,112	217,453	6.05
82-83	.11043	32,301	3,567	30,517	183,341	5.68
83-84	.12236	28,734	3,516	26,976	152,824	5.32
84-85	.13627	25,218	3,436	23,500	125,848	4.99
85-86	.15093	21,782	3,288	20,138	102,348	4.70
86-87	.16514	18,494	3,054	16,967	82,210	4.45
87-88	.17769	15,440	2,744	14,068	65,243	4.23
88-89	.18745	12,696	2,379	11,506	51,175	4.03
89-90	.19523	10,317	2,015	9,309	39,669	3.85
90-91	.20272	8,302	1,683	7,461	30,360	3.66
91-92	.21160	6,619	1,400	5,919	22,899	3.46
92-93	.22356	5,219	1,167	4,635	16,980	3.25
93-94	.23917	4,052	969	3,567	12,345	3.05
94-95	.25730	3,083	793	2,686	8,778	2.85
95-96	.27710	2,290	635	1,972	6,092	2.66
96-97	.29770	1,655	493	1,409	4,120	2.49
97-98	.31826	1,162	370	977	2,711	2.33
98-99	.33934	792	268	658	1,734	2.19
99-100	.36151	524	190	429	1,076	2.06
100-101	.38392	334	128	270	647	1.94
101-102	.40570	206	84	164	377	1.83
102-103	.42600	122	52	96	213	1.74
103-104	.44446	70	31	55	117	1.66
104-105	.46164	39	18	30	62	1.59
105-106	.47809	21	10	16	32	1.52
106-107	.49436	11	5	8	16	1.46
107-108	.51100	6	3	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00184. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.84 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,862 will complete the first year of life and enter the second; 96,637 will begin the third year; 94,930 will reach age 21; and 44,173 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,138 die in the first year of life, 225 in the second year, 175 in the twenty-second year, and 3,222 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,842. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,842 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,773,424 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,789,723.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,842 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,930 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,773,424) is the total number of years lived after attaining age 21 by the 94,930 reaching that age. This number of years divided by the number of persons (4,773,424 divided by 94,930) gives 50.28 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Ohio

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Ohio Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.62 years for white males and 72.07 years for white females. This State ranks 17th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
 (States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.5
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: OHIO, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02901	100,000	2,901	97,449	6,661,783	66.62
1-2	.00200	97,099	194	97,002	6,564,534	67.60
2-3	.00143	96,905	139	96,856	6,467,332	66.74
3-4	.00095	96,766	92	96,720	6,370,496	65.83
4-5	.00083	96,674	80	96,634	6,273,776	64.90
5-6	.00080	96,594	77	96,555	6,177,142	63.95
6-7	.00075	96,517	73	96,481	6,080,587	63.00
7-8	.00069	96,444	66	96,411	5,984,106	62.05
8-9	.00064	96,378	62	96,347	5,887,695	61.09
9-10	.00059	96,316	57	96,288	5,791,348	60.13
10-11	.00057	96,259	55	96,232	5,695,060	59.16
11-12	.00058	96,204	55	96,177	5,598,828	58.20
12-13	.00063	96,149	61	96,118	5,502,651	57.23
13-14	.00074	96,088	71	96,053	5,406,533	56.27
14-15	.00089	96,017	85	95,974	5,310,480	55.31
15-16	.00108	95,932	104	95,880	5,214,506	54.36
16-17	.00125	95,828	120	95,768	5,118,626	53.41
17-18	.00139	95,708	133	95,642	5,022,858	52.48
18-19	.00150	95,575	143	95,503	4,927,216	51.55
19-20	.00159	95,432	152	95,356	4,831,713	50.63
20-21	.00166	95,280	158	95,201	4,736,557	49.71
21-22	.00172	95,122	164	95,040	4,641,156	48.79
22-23	.00175	94,958	166	94,875	4,546,116	47.88
23-24	.00174	94,792	165	94,710	4,451,241	46.96
24-25	.00169	94,627	160	94,547	4,356,531	46.04
25-26	.00163	94,467	154	94,390	4,261,984	45.12
26-27	.00158	94,313	149	94,239	4,167,594	44.19
27-28	.00156	94,164	147	94,091	4,073,555	43.26
28-29	.00158	94,017	148	93,943	3,979,264	42.32
29-30	.00162	93,869	152	93,793	3,885,321	41.39
30-31	.00167	93,717	157	93,638	3,791,528	40.46
31-32	.00175	93,560	164	93,478	3,697,890	39.52
32-33	.00186	93,396	173	93,310	3,604,412	38.59
33-34	.00198	93,223	185	93,130	3,511,102	37.66
34-35	.00212	93,038	197	92,940	3,417,972	36.74
35-36	.00229	92,841	213	92,735	3,325,032	35.81
36-37	.00250	92,628	231	92,513	3,232,297	34.90
37-38	.00275	92,397	254	92,270	3,139,784	33.98
38-39	.00306	92,143	282	92,002	3,047,514	33.07
39-40	.00340	91,861	313	91,705	2,955,512	32.17
40-41	.00379	91,548	347	91,375	2,863,807	31.28
41-42	.00422	91,201	384	91,009	2,772,432	30.40
42-43	.00469	90,817	426	90,604	2,681,423	29.53
43-44	.00519	90,391	470	90,156	2,590,819	28.66
44-45	.00571	89,921	513	89,665	2,500,663	27.81
45-46	.00628	89,408	561	89,127	2,410,998	26.97
46-47	.00691	88,847	614	88,540	2,321,871	26.13
47-48	.00760	88,233	671	87,897	2,233,331	25.31
48-49	.00835	87,562	731	87,196	2,145,434	24.50
49-50	.00916	86,831	795	86,433	2,058,238	23.70
50-51	.01002	86,036	863	85,604	1,971,805	22.92
51-52	.01097	85,173	934	84,706	1,886,201	22.15
52-53	.01200	84,239	1,011	83,734	1,801,495	21.39
53-54	.01312	83,228	1,092	82,682	1,717,761	20.64
54-55	.01432	82,136	1,176	81,548	1,635,079	19.91

TABLE 1. LIFE TABLE FOR WHITE MALES: OHIO, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01560	80,960	1,263	80,329	1,553,531	19.19
56-57	.01697	79,697	1,352	79,021	1,473,202	18.49
57-58	.01842	78,345	1,443	77,623	1,394,181	17.80
58-59	.01993	76,902	1,533	76,135	1,316,558	17.12
59-60	.02149	75,369	1,620	74,559	1,240,423	16.46
60-61	.02315	73,749	1,707	72,896	1,165,864	15.81
61-62	.02496	72,042	1,798	71,143	1,092,968	15.17
62-63	.02696	70,244	1,894	69,297	1,021,825	14.55
63-64	.02912	68,350	1,990	67,355	952,528	13.94
64-65	.03140	66,360	2,084	65,318	885,173	13.34
65-66	.03386	64,276	2,176	63,188	819,855	12.76
66-67	.03655	62,100	2,270	60,965	756,667	12.18
67-68	.03951	59,830	2,364	58,648	695,702	11.63
68-69	.04266	57,466	2,452	56,240	637,054	11.09
69-70	.04598	55,014	2,529	53,750	580,814	10.56
70-71	.04957	52,485	2,602	51,184	527,064	10.04
71-72	.05356	49,883	2,672	48,547	475,880	9.54
72-73	.05807	47,211	2,741	45,841	427,333	9.05
73-74	.06301	44,470	2,802	43,069	381,492	8.58
74-75	.06829	41,668	2,846	40,245	338,423	8.12
75-76	.07406	38,822	2,875	37,385	298,178	7.68
76-77	.08043	35,947	2,891	34,502	260,793	7.25
77-78	.08755	33,056	2,894	31,609	226,291	6.85
78-79	.09555	30,162	2,882	28,721	194,682	6.45
79-80	.10434	27,280	2,846	25,857	165,961	6.08
80-81	.11372	24,434	2,779	23,044	140,104	5.73
81-82	.12347	21,655	2,674	20,318	117,060	5.41
82-83	.13338	18,981	2,532	17,715	96,742	5.10
83-84	.14273	16,449	2,347	15,276	79,027	4.80
84-85	.15165	14,102	2,139	13,032	63,751	4.52
85-86	.16124	11,963	1,929	10,999	50,719	4.24
86-87	.17259	10,034	1,732	9,168	39,720	3.96
87-88	.18679	8,302	1,550	7,527	30,552	3.68
88-89	.20527	6,752	1,386	6,059	23,025	3.41
89-90	.22730	5,366	1,220	4,756	16,966	3.16
90-91	.25074	4,146	1,040	3,626	12,210	2.94
91-92	.27344	3,106	849	2,682	8,584	2.76
92-93	.29324	2,257	662	1,926	5,902	2.61
93-94	.30968	1,595	494	1,348	3,976	2.49
94-95	.32419	1,101	357	923	2,628	2.38
95-96	.33748	744	251	619	1,705	2.29
96-97	.35024	493	173	407	1,086	2.20
97-98	.36319	320	116	262	679	2.12
98-99	.37585	204	77	166	417	2.04
99-100	.38776	127	49	103	251	1.97
100-101	.39962	78	31	62	148	1.89
101-102	.41213	47	19	37	86	1.82
102-103	.42600	28	12	22	49	1.75
103-104	.44158	16	7	12	27	1.67
104-105	.45840	9	4	7	15	1.60
105-106	.47593	5	2	4	8	1.53
106-107	.49364	3	2	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: OHIO, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02243	100,000	2,243	98,062	7,206,791	72.07
1-2	0.0173	97,757	169	97,672	7,108,729	72.72
2-3	0.0103	97,588	101	97,538	7,011,057	71.84
3-4	0.0080	97,487	78	97,448	6,913,519	70.92
4-5	0.0065	97,409	63	97,378	6,816,071	69.97
5-6	0.0059	97,346	57	97,317	6,718,693	69.02
6-7	0.0054	97,289	53	97,262	6,621,376	68.06
7-8	0.0049	97,236	48	97,212	6,524,114	67.10
8-9	0.0045	97,188	43	97,167	6,426,902	66.13
9-10	0.0043	97,145	42	97,124	6,329,735	65.16
10-11	0.0041	97,103	40	97,083	6,232,611	64.19
11-12	0.0040	97,063	39	97,044	6,135,528	63.21
12-13	0.0041	97,024	39	97,004	6,038,484	62.24
13-14	0.0043	96,985	42	96,964	5,941,480	61.26
14-15	0.0047	96,943	46	96,920	5,844,516	60.29
15-16	0.0052	96,897	50	96,872	5,747,596	59.32
16-17	0.0056	96,847	54	96,820	5,650,724	58.35
17-18	0.0060	96,793	58	96,764	5,553,904	57.38
18-19	0.0063	96,735	61	96,704	5,457,140	56.41
19-20	0.0065	96,674	63	96,642	5,360,436	55.45
20-21	0.0066	96,611	64	96,579	5,263,794	54.48
21-22	0.0068	96,547	66	96,514	5,167,215	53.52
22-23	0.0071	96,481	68	96,447	5,070,701	52.56
23-24	0.0074	96,413	71	96,377	4,974,254	51.59
24-25	0.0077	96,342	75	96,304	4,877,877	50.63
25-26	0.0081	96,267	78	96,228	4,781,573	49.67
26-27	0.0085	96,189	81	96,148	4,685,345	48.71
27-28	0.0090	96,108	87	96,064	4,589,197	47.75
28-29	0.0096	96,021	92	95,975	4,493,133	46.79
29-30	0.0102	95,929	98	95,880	4,397,158	45.84
30-31	0.0110	95,831	105	95,778	4,301,278	44.88
31-32	0.0118	95,726	113	95,669	4,205,500	43.93
32-33	0.0127	95,613	122	95,552	4,109,831	42.98
33-34	0.0137	95,491	131	95,426	4,014,279	42.04
34-35	0.0147	95,360	140	95,290	3,918,853	41.10
35-36	0.0159	95,220	151	95,145	3,823,563	40.16
36-37	0.0172	95,069	164	94,987	3,728,418	39.22
37-38	0.0186	94,905	176	94,817	3,633,431	38.28
38-39	0.0201	94,729	191	94,634	3,538,614	37.36
39-40	0.0217	94,538	205	94,436	3,443,980	36.43
40-41	0.0235	94,333	221	94,222	3,349,544	35.51
41-42	0.0256	94,112	241	93,991	3,255,322	34.59
42-43	0.0280	93,871	263	93,739	3,161,331	33.68
43-44	0.0309	93,608	289	93,463	3,067,592	32.77
44-45	0.0341	93,319	319	93,159	2,974,129	31.87
45-46	0.0376	93,000	349	92,826	2,880,970	30.98
46-47	0.0413	92,651	383	92,459	2,788,144	30.09
47-48	0.0453	92,268	418	92,059	2,695,685	29.22
48-49	0.0493	91,850	453	91,624	2,603,626	28.35
49-50	0.0535	91,397	489	91,153	2,512,002	27.48
50-51	0.0579	90,908	526	90,645	2,420,849	26.63
51-52	0.0628	90,382	568	90,098	2,330,204	25.78
52-53	0.0684	89,814	614	89,507	2,240,106	24.94
53-54	0.0744	89,200	664	88,868	2,150,599	24.11
54-55	0.0809	88,536	716	88,178	2,061,731	23.29

TABLE 2. LIFE TABLE FOR WHITE FEMALES: OHIO, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00879	87,820	772	87,454	1,973,553	22.47
56-57	.00957	87,048	833	86,632	1,886,119	21.67
57-58	.01046	86,215	902	85,764	1,799,487	20.87
58-59	.01144	85,313	976	84,825	1,713,723	20.09
59-60	.01249	84,337	1,053	83,811	1,628,898	19.31
60-61	.01364	83,284	1,136	82,716	1,545,087	18.55
61-62	.01491	82,148	1,225	81,536	1,462,571	17.80
62-63	.01631	80,923	1,320	80,263	1,380,835	17.06
63-64	.01778	79,603	1,415	78,896	1,300,572	16.34
64-65	.01929	78,188	1,508	77,454	1,221,676	15.62
65-66	.02097	76,680	1,608	75,876	1,144,242	14.92
66-67	.02292	75,072	1,721	74,211	1,068,566	14.23
67-68	.02525	73,351	1,852	72,425	994,155	13.55
68-69	.02791	71,499	1,996	70,501	921,730	12.89
69-70	.03082	69,503	2,142	68,452	851,229	12.25
70-71	.03408	67,361	2,295	66,213	782,797	11.62
71-72	.03774	65,066	2,456	63,838	716,584	11.01
72-73	.04190	62,610	2,623	61,298	652,746	10.43
73-74	.04654	59,987	2,792	58,591	591,448	9.86
74-75	.05161	57,195	2,962	55,719	532,857	9.32
75-76	.05713	54,243	3,099	52,694	477,138	8.80
76-77	.06312	51,144	3,228	49,530	424,444	8.30
77-78	.06959	47,916	3,335	46,249	374,914	7.82
78-79	.07647	44,581	3,409	42,877	328,665	7.37
79-80	.08374	41,172	3,447	39,448	285,788	6.94
80-81	.09153	37,725	3,453	35,998	246,540	6.53
81-82	.09994	34,272	3,425	32,559	210,342	6.14
82-83	.10910	30,847	3,366	29,164	177,783	5.76
83-84	.11880	27,481	3,265	25,849	148,619	5.41
84-85	.12896	24,216	3,123	22,655	122,770	5.07
85-86	.13989	21,093	2,950	19,618	100,115	4.75
86-87	.15191	18,143	2,756	16,765	80,497	4.44
87-88	.16532	15,387	2,544	14,115	63,732	4.14
88-89	.18057	12,843	2,319	11,683	49,617	3.86
89-90	.19746	10,524	2,078	9,485	37,934	3.60
90-91	.21531	8,446	1,819	7,557	28,449	3.37
91-92	.23345	6,627	1,547	5,854	20,912	3.16
92-93	.25121	5,080	1,276	4,442	15,058	2.96
93-94	.26862	3,804	1,022	3,293	10,616	2.79
94-95	.28612	2,782	796	2,384	7,323	2.63
95-96	.30368	1,986	603	1,685	4,939	2.49
96-97	.32123	1,383	444	1,161	3,254	2.35
97-98	.33875	939	318	780	2,093	2.23
98-99	.35625	621	221	510	1,313	2.12
99-100	.37378	400	150	325	803	2.01
100-101	.39128	250	98	201	478	1.92
101-102	.40870	152	62	121	277	1.83
102-103	.42600	90	38	71	156	1.74
103-104	.44314	52	23	40	85	1.67
104-105	.46016	29	13	22	45	1.59
105-106	.47711	16	8	12	23	1.52
106-107	.49404	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00172. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.72 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,099 will complete the first year of life and enter the second; 96,905 will begin the third year; 95,122 will reach age 21; and 38,822 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,901 die in the first year of life, 194 in the second year, 164 in the twenty-second year, and 2,875 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,040. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,040 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,641,156 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,661,783.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,040 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,122 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,641,156) is the total number of years lived after attaining age 21 by the 95,122 reaching that age. This number of years divided by the number of persons (4,641,156 divided by 95,122) gives 48.79 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Oklahoma
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Oklahoma Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 67.37 years for white males, 73.83 years for white females, 60.15 years for nonwhite males, and 64.14 years for nonwhite females. This State ranks 10th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: OKLAHOMA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.03174	100,000	3,174	97,209	6,736,861	67.57
1-2	.00265	96,826	257	96,698	6,639,652	68.57
2-3	.00172	96,569	166	96,486	6,542,954	67.75
3-4	.00139	96,403	134	96,336	6,446,468	66.87
4-5	.00087	96,269	83	96,227	6,350,132	65.96
5-6	.00086	96,186	83	96,144	6,253,905	65.02
6-7	.00082	96,103	79	96,063	6,157,761	64.07
7-8	.00077	96,024	74	95,987	6,061,698	63.13
8-9	.00072	95,950	69	95,916	5,965,711	62.18
9-10	.00067	95,881	64	95,849	5,869,795	61.22
10-11	.00065	95,817	63	95,786	5,773,946	60.26
11-12	.00065	95,754	62	95,723	5,678,160	59.30
12-13	.00070	95,692	67	95,659	5,582,437	58.34
13-14	.00080	95,625	76	95,587	5,486,778	57.38
14-15	.00096	95,549	92	95,503	5,391,191	56.42
15-16	.00114	95,457	109	95,403	5,295,688	55.48
16-17	.00132	95,348	126	95,285	5,200,285	54.54
17-18	.00147	95,222	140	95,152	5,105,000	53.61
18-19	.00161	95,082	153	95,006	5,009,848	52.69
19-20	.00175	94,929	166	94,846	4,914,842	51.77
20-21	.00188	94,763	178	94,674	4,819,996	50.86
21-22	.00198	94,585	187	94,491	4,725,322	49.96
22-23	.00203	94,398	192	94,302	4,630,831	49.06
23-24	.00200	94,206	188	94,112	4,536,529	48.16
24-25	.00191	94,018	180	93,928	4,442,417	47.25
25-26	.00179	93,838	168	93,754	4,348,489	46.34
26-27	.00169	93,670	158	93,591	4,254,735	45.42
27-28	.00166	93,512	155	93,434	4,161,144	44.50
28-29	.00170	93,357	159	93,277	4,067,710	43.57
29-30	.00178	93,198	166	93,115	3,974,433	42.65
30-31	.00189	93,032	176	92,944	3,881,318	41.72
31-32	.00202	92,856	187	92,762	3,788,374	40.80
32-33	.00215	92,669	200	92,569	3,695,612	39.88
33-34	.00229	92,469	211	92,364	3,603,043	38.96
34-35	.00244	92,258	225	92,145	3,510,679	38.05
35-36	.00261	92,033	241	91,912	3,418,534	37.14
36-37	.00278	91,792	255	91,665	3,326,622	36.24
37-38	.00297	91,537	272	91,401	3,234,957	35.34
38-39	.00315	91,265	287	91,122	3,143,556	34.44
39-40	.00331	90,978	301	90,827	3,052,434	33.55
40-41	.00350	90,677	318	90,518	2,961,607	32.66
41-42	.00373	90,359	337	90,191	2,871,089	31.77
42-43	.00405	90,022	364	89,840	2,780,898	30.89
43-44	.00445	89,658	399	89,458	2,691,058	30.01
44-45	.00491	89,259	439	89,040	2,601,600	29.15
45-46	.00543	88,820	482	88,579	2,512,560	28.29
46-47	.00601	88,338	531	88,073	2,423,981	27.44
47-48	.00663	87,807	582	87,516	2,335,908	26.60
48-49	.00729	87,225	636	86,907	2,248,392	25.78
49-50	.00800	86,589	693	86,243	2,161,485	24.96
50-51	.00876	85,896	752	85,520	2,075,242	24.16
51-52	.00959	85,144	817	84,736	1,989,722	23.37
52-53	.01052	84,327	887	83,884	1,904,986	22.59
53-54	.01155	83,440	963	82,958	1,821,102	21.83
54-55	.01269	82,477	1,047	81,953	1,738,144	21.07

TABLE 1. LIFE TABLE FOR WHITE MALES: OKLAHOMA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^a
55-56	.01389	81,430	1,151	80,864	1,656,191	20.34
56-57	.01514	80,299	1,216	79,691	1,575,327	19.62
57-58	.01640	79,083	1,297	78,435	1,495,636	18.91
58-59	.01763	77,786	1,371	77,101	1,417,201	18.22
59-60	.01884	76,415	1,440	75,695	1,340,100	17.54
60-61	.02012	74,975	1,508	74,221	1,264,405	16.86
61-62	.02152	73,467	1,581	72,676	1,190,184	16.20
62-63	.02314	71,886	1,664	71,054	1,117,508	15.55
63-64	.02493	70,222	1,750	69,347	1,046,454	14.90
64-65	.02683	68,472	1,837	67,553	977,107	14.27
65-66	.02892	66,635	1,928	65,671	909,554	13.65
66-67	.03124	64,707	2,021	63,697	843,883	13.04
67-68	.03387	62,686	2,123	61,624	780,186	12.45
68-69	.03672	60,563	2,224	59,451	718,562	11.86
69-70	.03977	58,339	2,320	57,179	659,111	11.30
70-71	.04311	56,019	2,415	54,811	601,932	10.75
71-72	.04685	53,604	2,511	52,348	547,121	10.21
72-73	.05112	51,093	2,612	49,787	494,773	9.68
73-74	.05595	48,481	2,713	47,124	444,986	9.18
74-75	.06127	45,768	2,804	44,366	397,862	8.69
75-76	.06702	42,964	2,879	41,524	353,496	8.23
76-77	.07312	40,085	2,931	38,619	311,972	7.78
77-78	.07950	37,154	2,954	35,677	273,353	7.36
78-79	.08570	34,200	2,931	32,734	237,676	6.95
79-80	.09178	31,269	2,870	29,834	204,942	6.55
80-81	.09841	28,399	2,795	27,002	175,108	6.17
81-82	.10631	25,604	2,722	24,243	148,106	5.78
82-83	.11616	22,882	2,658	21,553	123,863	5.41
83-84	.12900	20,224	2,609	18,920	102,310	5.06
84-85	.14437	17,615	2,543	16,344	83,390	4.73
85-86	.16071	15,072	2,422	13,861	67,046	4.45
86-87	.17648	12,650	2,232	11,534	53,185	4.20
87-88	.19014	10,418	1,981	9,427	41,651	4.00
88-89	.20059	8,437	1,693	7,591	32,224	3.82
89-90	.20886	6,744	1,408	6,040	24,633	3.65
90-91	.21659	5,336	1,156	4,758	18,593	3.48
91-92	.22543	4,180	942	3,709	13,835	3.31
92-93	.23701	3,238	768	2,854	10,126	3.13
93-94	.25179	2,470	622	2,159	7,272	2.94
94-95	.26868	1,848	496	1,600	5,113	2.77
95-96	.28700	1,352	388	1,158	3,513	2.60
96-97	.30605	964	295	816	2,355	2.44
97-98	.32515	669	218	560	1,539	2.30
98-99	.34476	451	155	374	979	2.17
99-100	.36534	296	108	242	605	2.04
100-101	.38619	188	73	151	363	1.93
101-102	.40664	115	47	92	212	1.83
102-103	.42600	68	29	54	120	1.74
103-104	.44401	39	17	31	66	1.66
104-105	.46114	22	10	17	35	1.59
105-106	.47776	12	6	9	18	1.52
106-107	.49425	6	3	5	9	1.46
107-108	.51100	3	1	2	4	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: OKLAHOMA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02357	100,000	2,357	97,963	7,382,743	73.83
1-2	.00192	97,643	187	97,549	7,284,780	74.61
2-3	.00157	97,456	153	97,379	7,187,231	73.75
3-4	.00107	97,303	105	97,250	7,089,852	72.86
4-5	.00061	97,198	59	97,169	6,992,602	71.94
5-6	.00061	97,139	59	97,109	6,895,433	70.99
6-7	.00060	97,080	58	97,051	6,798,324	70.03
7-8	.00060	97,022	59	96,993	6,701,273	69.07
8-9	.00056	96,963	54	96,936	6,604,280	68.11
9-10	.00051	96,909	49	96,884	6,507,344	67.15
10-11	.00046	96,860	45	96,837	6,410,460	66.18
11-12	.00043	96,815	42	96,794	6,313,623	65.21
12-13	.00043	96,773	41	96,753	6,216,829	64.24
13-14	.00046	96,732	45	96,710	6,120,076	63.27
14-15	.00052	96,687	50	96,662	6,023,366	62.30
15-16	.00059	96,637	57	96,609	5,926,704	61.33
16-17	.00066	96,580	64	96,548	5,830,095	60.37
17-18	.00071	96,516	68	96,482	5,733,547	59.41
18-19	.00074	96,448	72	96,412	5,637,065	58.45
19-20	.00077	96,376	74	96,339	5,540,653	57.49
20-21	.00079	96,302	76	96,264	5,444,314	56.53
21-22	.00081	96,226	78	96,187	5,348,050	55.58
22-23	.00083	96,148	80	96,108	5,251,863	54.62
23-24	.00085	96,068	81	96,028	5,155,755	53.67
24-25	.00086	95,987	83	95,945	5,059,727	52.71
25-26	.00088	95,904	84	95,862	4,963,782	51.76
26-27	.00090	95,820	86	95,777	4,867,920	50.80
27-28	.00093	95,734	89	95,689	4,772,143	49.85
28-29	.00097	95,645	93	95,598	4,676,454	48.89
29-30	.00102	95,552	98	95,503	4,580,856	47.94
30-31	.00108	95,454	103	95,403	4,485,353	46.99
31-32	.00114	95,351	108	95,297	4,389,950	46.04
32-33	.00122	95,243	117	95,184	4,294,653	45.09
33-34	.00131	95,126	124	95,064	4,199,469	44.15
34-35	.00140	95,002	133	94,935	4,104,405	43.20
35-36	.00150	94,869	143	94,798	4,009,470	42.26
36-37	.00161	94,726	152	94,650	3,914,672	41.33
37-38	.00173	94,574	164	94,492	3,820,022	40.39
38-39	.00185	94,410	174	94,323	3,725,530	39.46
39-40	.00196	94,236	185	94,143	3,631,207	38.53
40-41	.00209	94,051	197	93,953	3,537,064	37.61
41-42	.00223	93,854	209	93,750	3,443,111	36.69
42-43	.00239	93,645	224	93,533	3,349,361	35.77
43-44	.00257	93,421	240	93,301	3,255,828	34.85
44-45	.00277	93,181	258	93,052	3,162,527	33.94
45-46	.00298	92,923	277	92,785	3,069,475	33.03
46-47	.00321	92,646	297	92,497	2,976,690	32.13
47-48	.00346	92,349	320	92,189	2,884,193	31.23
48-49	.00371	92,029	341	91,858	2,792,004	30.34
49-50	.00396	91,688	363	91,506	2,700,146	29.45
50-51	.00423	91,325	387	91,132	2,608,640	28.56
51-52	.00455	90,938	413	90,732	2,517,508	27.68
52-53	.00493	90,525	447	90,301	2,426,776	26.81
53-54	.00537	90,078	483	89,836	2,336,475	25.94
54-55	.00586	89,595	525	89,332	2,246,639	25.08

TABLE 2. LIFE TABLE FOR WHITE FEMALES: OKLAHOMA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	•00641	89,070	571	88,784	2,157,307	24.22
56-57	•00699	88,499	619	88,189	2,068,523	23.37
57-58	•00763	87,880	670	87,545	1,980,334	22.53
58-59	•00825	87,210	720	86,850	1,892,789	21.70
59-60	•00887	86,490	767	86,106	1,805,939	20.88
60-61	•00956	85,723	820	85,313	1,719,833	20.06
61-62	•01041	84,903	883	84,461	1,634,520	19.25
62-63	•01152	84,020	968	83,536	1,550,059	18.45
63-64	•01290	83,052	1,072	82,516	1,466,523	17.66
64-65	•01448	81,980	1,187	81,387	1,384,007	16.88
65-66	•01626	80,793	1,314	80,136	1,302,620	16.12
66-67	•01819	79,479	1,445	78,757	1,222,484	15.38
67-68	•02027	78,034	1,582	77,243	1,143,727	14.66
68-69	•02233	76,452	1,707	75,598	1,066,484	13.95
69-70	•02439	74,745	1,823	73,833	990,886	13.26
70-71	•02668	72,922	1,946	71,949	917,053	12.58
71-72	•02944	70,976	2,089	69,931	845,104	11.91
72-73	•03290	68,887	2,267	67,754	775,173	11.25
73-74	•03708	66,620	2,470	65,385	707,419	10.62
74-75	•04183	64,150	2,683	62,808	642,034	10.01
75-76	•04711	61,467	2,896	60,019	579,226	9.42
76-77	•05291	58,571	3,099	57,021	519,207	8.86
77-78	•05920	55,472	3,284	53,830	462,186	8.33
78-79	•06577	52,188	3,432	50,472	408,356	7.82
79-80	•07262	48,756	3,541	46,985	357,884	7.34
80-81	•08009	45,215	3,621	43,404	310,899	6.88
81-82	•08851	41,594	3,682	39,753	267,495	6.43
82-83	•09822	37,912	3,723	36,050	227,742	6.01
83-84	•10962	34,189	3,748	32,315	191,692	5.61
84-85	•12248	30,441	3,729	28,577	159,377	5.24
85-86	•13620	26,712	3,638	24,893	130,800	4.90
86-87	•15017	23,074	3,465	21,342	105,907	4.59
87-88	•16377	19,609	3,211	18,003	84,565	4.31
88-89	•17657	16,398	2,896	14,950	66,562	4.06
89-90	•18898	13,502	2,551	12,227	51,612	3.82
90-91	•20165	10,951	2,209	9,847	39,385	3.60
91-92	•21523	8,742	1,881	7,802	29,538	3.38
92-93	•23037	6,861	1,581	6,071	21,736	3.17
93-94	•24742	5,280	1,306	4,627	15,665	2.97
94-95	•26595	3,974	1,057	3,445	11,038	2.78
95-96	•28543	2,917	833	2,501	7,593	2.60
96-97	•30533	2,084	636	1,766	5,092	2.44
97-98	•32512	1,448	471	1,213	3,326	2.30
98-99	•34516	977	337	809	2,113	2.16
99-100	•36579	640	234	523	1,304	2.04
100-101	•38650	406	157	327	781	1.93
101-102	•40674	249	101	198	454	1.83
102-103	•42600	148	63	116	256	1.74
103-104	•44402	85	38	66	140	1.66
104-105	•46114	47	22	36	74	1.59
105-106	•47776	25	12	19	38	1.52
106-107	•49425	13	6	10	19	1.46
107-108	•51100	7	4	5	9	1.40
108-109	•52810	3	1	2	4	1.35
109-110	•54529	2	1	1	2	1.29
110-111	•56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: OKLAHOMA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive, at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.05933	100,000	5,933	95,056	6,014,810	60.15
1-2	0.00675	94,067	635	93,750	5,919,754	62.93
2-3	0.00472	93,432	441	93,212	5,826,004	62.36
3-4	0.00249	92,991	231	92,875	5,732,792	61.65
4-5	0.00205	92,760	191	92,664	5,639,917	60.80
5-6	0.00139	92,569	128	92,505	5,547,253	59.93
6-7	0.00098	92,441	91	92,395	5,454,748	59.01
7-8	0.00079	92,350	73	92,314	5,362,353	58.07
8-9	0.00076	92,277	70	92,242	5,270,039	57.11
9-10	0.00085	92,207	78	92,168	5,177,797	56.15
10-11	0.00100	92,129	93	92,083	5,085,629	55.20
11-12	0.00117	92,036	107	91,983	4,993,546	54.26
12-13	0.00131	91,929	121	91,869	4,901,563	53.32
13-14	0.00140	91,808	128	91,744	4,809,694	52.39
14-15	0.00147	91,680	135	91,612	4,717,950	51.46
15-16	0.00155	91,545	142	91,474	4,626,338	50.54
16-17	0.00168	91,403	153	91,326	4,534,864	49.61
17-18	0.00189	91,250	173	91,163	4,443,538	48.70
18-19	0.00224	91,077	204	90,975	4,352,375	47.79
19-20	0.00269	90,873	244	90,751	4,261,400	46.89
20-21	0.00318	90,629	288	90,485	4,170,649	46.02
21-22	0.00363	90,341	328	90,177	4,080,164	45.16
22-23	0.00395	90,013	356	89,835	3,989,987	44.33
23-24	0.00401	89,657	360	89,477	3,900,152	43.50
24-25	0.00406	89,297	362	89,116	3,810,675	42.67
25-26	0.00411	88,935	366	88,752	3,721,559	41.85
26-27	0.00416	88,569	368	88,385	3,632,807	41.02
27-28	0.00421	88,201	371	88,015	3,544,422	40.19
28-29	0.00431	87,830	379	87,640	3,456,407	39.35
29-30	0.00443	87,451	387	87,257	3,368,767	38.52
30-31	0.00457	87,064	398	86,865	3,281,510	37.69
31-32	0.00472	86,666	409	86,461	3,194,645	36.86
32-33	0.00491	86,257	424	86,045	3,108,184	36.03
33-34	0.00511	85,833	438	85,614	3,022,139	35.21
34-35	0.00533	85,395	456	85,167	2,936,525	34.39
35-36	0.00557	84,939	473	84,703	2,851,358	33.57
36-37	0.00586	84,466	495	84,219	2,766,655	32.75
37-38	0.00621	83,971	521	83,711	2,682,436	31.94
38-39	0.00662	83,450	553	83,174	2,598,725	31.14
39-40	0.00708	82,897	586	82,604	2,515,551	30.35
40-41	0.00759	82,311	625	81,998	2,432,947	29.56
41-42	0.00814	81,686	665	81,353	2,350,949	28.78
42-43	0.00872	81,021	707	80,668	2,269,596	28.01
43-44	0.00932	80,314	748	79,940	2,188,928	27.25
44-45	0.00995	79,566	792	79,170	2,108,988	26.51
45-46	0.01062	78,774	836	78,356	2,029,818	25.77
46-47	0.01134	77,938	884	77,496	1,951,462	25.04
47-48	0.01211	77,054	933	76,587	1,873,966	24.32
48-49	0.01295	76,121	986	75,628	1,797,379	23.61
49-50	0.01384	75,135	1,040	74,615	1,721,751	22.92
50-51	0.01478	74,095	1,095	73,547	1,647,136	22.23
51-52	0.01576	73,000	1,151	72,425	1,573,589	21.56
52-53	0.01678	71,849	1,205	71,247	1,501,164	20.89
53-54	0.01781	70,644	1,258	70,015	1,429,917	20.24
54-55	0.01886	69,386	1,309	68,731	1,359,902	19.60

TABLE 3. LIFE TABLE FOR NONWHITE MALES: OKLAHOMA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE/REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01996	68,077	1,359	67,398	1,291,171	18.97
56-57	.02113	66,718	1,410	66,013	1,223,773	18.34
57-58	.02240	65,308	1,462	64,577	1,157,760	17.73
58-59	.02374	63,846	1,516	63,088	1,093,183	17.12
59-60	.02514	62,330	1,567	61,546	1,030,095	16.53
60-61	.02663	60,765	1,618	59,954	968,549	15.94
61-62	.02826	59,145	1,672	58,309	908,595	15.36
62-63	.03006	57,473	1,727	56,610	850,286	14.79
63-64	.03207	55,746	1,788	54,852	793,676	14.24
64-65	.03426	53,958	1,849	53,034	738,824	13.69
65-66	.03658	52,109	1,906	51,156	685,790	13.16
66-67	.03899	50,203	1,957	49,224	634,634	12.64
67-68	.04143	48,246	1,999	47,246	585,410	12.13
68-69	.04381	46,247	2,026	45,234	538,164	11.64
69-70	.04616	44,221	2,041	43,200	492,930	11.15
70-71	.04864	42,180	2,052	41,154	449,730	10.66
71-72	.05137	40,128	2,061	39,097	408,576	10.18
72-73	.05452	38,067	2,076	37,029	369,479	9.71
73-74	.05776	35,991	2,079	34,952	332,450	9.24
74-75	.06101	33,912	2,069	32,878	297,498	8.77
75-76	.06472	31,843	2,061	30,813	264,620	8.31
76-77	.06938	29,782	2,066	28,749	233,807	7.85
77-78	.07547	27,716	2,092	26,670	205,058	7.40
78-79	.08346	25,624	2,138	24,555	178,388	6.96
79-80	.09304	23,486	2,185	22,393	153,833	6.55
80-81	.10348	21,301	2,205	20,199	131,440	6.17
81-82	.11407	19,096	2,178	18,007	111,241	5.83
82-83	.12407	16,918	2,099	15,869	93,234	5.51
83-84	.13302	14,819	1,971	13,834	77,365	5.22
84-85	.14139	12,848	1,817	11,940	63,531	4.94
85-86	.14990	11,031	1,653	10,205	51,591	4.68
86-87	.15927	9,378	1,494	8,631	41,386	4.41
87-88	.17021	7,884	1,342	7,213	32,755	4.15
88-89	.18292	6,542	1,197	5,944	25,542	3.90
89-90	.19692	5,345	1,052	4,819	19,598	3.67
90-91	.21192	4,293	910	3,838	14,779	3.44
91-92	.22763	3,383	770	2,998	10,941	3.23
92-93	.24379	2,613	637	2,294	7,943	3.04
93-94	.26057	1,976	515	1,719	5,649	2.86
94-95	.27817	1,461	406	1,258	3,930	2.69
95-96	.29629	1,055	313	898	2,672	2.53
96-97	.31467	742	233	625	1,774	2.39
97-98	.33300	509	170	424	1,149	2.26
98-99	.35149	339	119	280	725	2.14
99-100	.37031	220	81	179	445	2.02
100-101	.38919	139	54	112	266	1.92
101-102	.40785	85	35	67	154	1.83
102-103	.42600	50	21	39	87	1.74
103-104	.44351	29	13	22	48	1.66
104-105	.46058	16	7	12	26	1.59
105-106	.47738	9	4	7	14	1.52
106-107	.49413	5	3	3	7	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: OKLAHOMA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	L_x	d_x	L_x	T_x	e_x
0-1	0.04707	100,000	4,707	96,118	6,414,113	64.14
1-2	.00522	95,293	497	95,044	6,317,995	66.30
2-3	.00262	94,796	249	94,671	6,222,951	65.65
3-4	.00244	94,547	230	94,432	6,128,280	64.82
4-5	.00121	94,317	115	94,259	6,033,848	63.97
5-6	.00093	94,202	87	94,159	5,939,589	63.05
6-7	.00074	94,115	70	94,080	5,845,430	62.11
7-8	.00062	94,045	58	94,016	5,751,350	61.16
8-9	.00057	93,987	54	93,960	5,657,334	60.19
9-10	.00058	93,933	54	93,906	5,563,374	59.23
10-11	.00064	93,879	60	93,849	5,469,468	58.26
11-12	.00073	93,819	69	93,784	5,375,619	57.30
12-13	.00086	93,750	80	93,710	5,281,835	56.34
13-14	.00103	93,670	97	93,621	5,188,125	55.39
14-15	.00126	93,573	118	93,514	5,094,504	54.44
15-16	.00151	93,455	141	93,385	5,000,990	53.51
16-17	.00176	93,314	164	93,232	4,907,605	52.59
17-18	.00199	93,150	186	93,057	4,814,373	51.68
18-19	.00221	92,964	205	92,862	4,721,316	50.79
19-20	.00242	92,759	224	92,647	4,628,454	49.90
20-21	.00263	92,535	244	92,413	4,535,807	49.02
21-22	.00281	92,291	259	92,162	4,443,394	48.15
22-23	.00294	92,032	271	91,897	4,351,232	47.28
23-24	.00296	91,761	271	91,625	4,259,335	46.42
24-25	.00298	91,490	273	91,353	4,167,710	45.55
25-26	.00300	91,217	274	91,080	4,076,357	44.69
26-27	.00301	90,943	273	90,806	3,985,277	43.82
27-28	.00303	90,670	275	90,532	3,894,471	42.95
28-29	.00318	90,395	288	90,251	3,803,939	42.08
29-30	.00337	90,107	303	89,956	3,713,688	41.21
30-31	.00361	89,804	324	89,642	3,623,732	40.35
31-32	.00388	89,480	348	89,306	3,534,090	39.50
32-33	.00418	89,132	372	88,946	3,444,784	38.65
33-34	.00453	88,760	402	88,559	3,355,838	37.81
34-35	.00493	88,358	436	88,140	3,267,279	36.98
35-36	.00535	87,922	470	87,687	3,179,139	36.16
36-37	.00579	87,452	507	87,199	3,091,452	35.35
37-38	.00621	86,945	540	86,675	3,004,253	34.55
38-39	.00662	86,405	572	86,119	2,917,578	33.77
39-40	.00702	85,833	602	85,532	2,831,459	32.99
40-41	.00742	85,231	632	84,915	2,745,927	32.22
41-42	.00784	84,599	664	84,267	2,661,012	31.45
42-43	.00829	83,935	696	83,587	2,576,745	30.70
43-44	.00876	83,239	729	82,875	2,493,158	29.95
44-45	.00924	82,510	762	82,129	2,410,283	29.21
45-46	.00974	81,748	796	81,350	2,328,154	28.48
46-47	.01027	80,952	832	80,536	2,246,804	27.75
47-48	.01082	80,120	867	79,687	2,166,268	27.04
48-49	.01141	79,253	904	78,801	2,086,581	26.33
49-50	.01203	78,349	942	77,878	2,007,780	25.63
50-51	.01268	77,407	982	76,916	1,929,902	24.93
51-52	.01333	76,425	1,019	75,916	1,852,986	24.25
52-53	.01399	75,406	1,055	74,879	1,777,070	23.57
53-54	.01462	74,351	1,087	73,808	1,702,191	22.89
54-55	.01523	73,264	1,115	72,706	1,628,383	22.23

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: OKLAHOMA, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01585	72,149	1,144	71,577	1,555,677	21.56
56-57	.01654	71,005	1,174	70,418	1,484,100	20.90
57-58	.01733	69,831	1,211	69,225	1,413,682	20.24
58-59	.01822	68,620	1,250	67,995	1,344,457	19.59
59-60	.01919	67,370	1,293	66,724	1,276,462	18.95
60-61	.02023	66,077	1,336	65,409	1,209,738	18.31
61-62	.02133	64,741	1,381	64,050	1,144,329	17.68
62-63	.02250	63,360	1,426	62,647	1,080,279	17.05
63-64	.02363	61,934	1,463	61,202	1,017,632	16.43
64-65	.02472	60,471	1,495	59,723	956,430	15.82
65-66	.02592	58,976	1,529	58,211	896,707	15.20
66-67	.02740	57,447	1,574	56,660	838,496	14.60
67-68	.02929	55,873	1,637	55,055	781,836	13.99
68-69	.03155	54,236	1,711	53,381	726,781	13.40
69-70	.03408	52,525	1,790	51,630	673,400	12.82
70-71	.03696	50,735	1,875	49,798	621,770	12.26
71-72	.04026	48,860	1,967	47,877	571,972	11.71
72-73	.04405	46,893	2,066	45,860	524,095	11.18
73-74	.04884	44,827	2,189	43,733	478,235	10.67
74-75	.05456	42,638	2,326	41,475	434,502	10.19
75-76	.06049	40,312	2,439	39,092	393,027	9.75
76-77	.06587	37,873	2,495	36,626	353,935	9.35
77-78	.06997	35,378	2,475	34,141	317,309	8.97
78-79	.07120	32,903	2,343	31,732	283,168	8.61
79-80	.07243	30,560	2,213	29,454	251,436	8.23
80-81	.07366	28,347	2,088	27,303	221,982	7.83
81-82	.07489	26,259	1,967	25,276	194,679	7.41
82-83	.07612	24,292	1,849	23,368	169,403	6.97
83-84	.08312	22,443	1,865	21,510	146,035	6.51
84-85	.09215	20,578	1,897	19,630	124,525	6.05
85-86	.10296	18,681	1,923	17,720	104,895	5.61
86-87	.11527	16,758	1,932	15,792	87,175	5.20
87-88	.12881	14,826	1,909	13,871	71,383	4.81
88-89	.14387	12,917	1,859	11,987	57,512	4.45
89-90	.16063	11,058	1,776	10,170	45,525	4.12
90-91	.17866	9,282	1,658	8,453	35,355	3.81
91-92	.19752	7,624	1,506	6,871	26,902	3.53
92-93	.21677	6,118	1,326	5,455	20,031	3.27
93-94	.23671	4,792	1,135	4,225	14,576	3.04
94-95	.25763	3,657	942	3,186	10,351	2.83
95-96	.27909	2,715	758	2,336	7,165	2.64
96-97	.30066	1,957	588	1,663	4,829	2.47
97-98	.32189	1,369	441	1,149	3,166	2.31
98-99	.34308	928	318	769	2,017	2.17
99-100	.36452	610	222	499	1,248	2.04
100-101	.38578	388	150	313	749	1.93
101-102	.40642	238	97	190	436	1.83
102-103	.42600	141	60	111	246	1.74
103-104	.44422	81	36	63	135	1.66
104-105	.46138	45	21	35	72	1.59
105-106	.47792	24	11	18	37	1.52
106-107	.49431	13	7	10	19	1.46
107-108	.51100	6	3	5	9	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00198. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.98 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,826 will complete the first year of life and enter the second; 96,569 will begin the third year; 94,585 will reach age 21; and 42,964 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,174 die in the first year of life, 257 in the second year, 187 in the twenty-second year, and 2,879 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,491. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,491 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,725,322 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,736,861.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,491 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,585 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,725,322) is the total number of years lived after attaining age 21 by the 94,585 reaching that age. This number of years divided by the number of persons (4,725,322 divided by 94,585) gives 49.96 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Oregon

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Oregon Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.71 years for white males and 73.41 years for white females. This State ranks 14th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.6	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: OREGON, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02698	100,000	2,698	97,627	6,671,465	66.71
1-2	.00190	97,302	185	97,210	6,573,838	67.56
2-3	.00151	97,117	147	97,044	6,476,628	66.69
3-4	.00116	96,970	112	96,914	6,379,584	65.79
4-5	.00090	96,858	87	96,814	6,282,670	64.86
5-6	.00082	96,771	80	96,731	6,185,856	63.92
6-7	.00075	96,691	72	96,655	6,089,125	62.98
7-8	.00071	96,619	69	96,585	5,992,470	62.02
8-9	.00069	96,550	66	96,517	5,895,885	61.07
9-10	.00070	96,484	68	96,450	5,799,368	60.11
10-11	.00073	96,416	70	96,381	5,702,918	59.15
11-12	.00080	96,346	77	96,307	5,606,537	58.19
12-13	.00089	96,269	86	96,226	5,510,230	57.24
13-14	.00103	96,183	99	96,134	5,414,004	56.29
14-15	.00122	96,084	117	96,025	5,317,870	55.35
15-16	.00143	95,967	137	95,898	5,221,845	54.41
16-17	.00163	95,830	157	95,751	5,125,947	53.49
17-18	.00180	95,673	172	95,587	5,030,196	52.58
18-19	.00193	95,501	184	95,409	4,934,609	51.67
19-20	.00204	95,317	195	95,220	4,839,200	50.77
20-21	.00214	95,122	203	95,021	4,743,980	49.87
21-22	.00222	94,919	211	94,813	4,648,959	48.98
22-23	.00228	94,708	216	94,600	4,554,146	48.09
23-24	.00232	94,492	219	94,383	4,459,546	47.19
24-25	.00233	94,273	220	94,163	4,365,163	46.30
25-26	.00233	94,053	219	93,944	4,271,000	45.41
26-27	.00232	93,834	218	93,725	4,177,056	44.52
27-28	.00231	93,616	216	93,508	4,083,331	43.62
28-29	.00228	93,400	213	93,294	3,989,823	42.72
29-30	.00223	93,187	208	93,083	3,896,529	41.81
30-31	.00219	92,979	203	92,878	3,803,446	40.91
31-32	.00217	92,776	202	92,675	3,710,568	39.99
32-33	.00223	92,574	206	92,471	3,617,893	39.08
33-34	.00236	92,368	218	92,259	3,525,422	38.17
34-35	.00256	92,150	236	92,032	3,433,163	37.26
35-36	.00279	91,914	256	91,786	3,341,131	36.35
36-37	.00304	91,658	279	91,518	3,249,345	35.45
37-38	.00329	91,379	301	91,229	3,157,827	34.56
38-39	.00352	91,078	320	90,918	3,066,598	33.67
39-40	.00374	90,758	340	90,588	2,975,680	32.79
40-41	.00399	90,418	360	90,238	2,885,092	31.91
41-42	.00429	90,058	387	89,864	2,794,854	31.03
42-43	.00469	89,671	420	89,461	2,704,990	30.17
43-44	.00521	89,251	465	89,018	2,615,529	29.31
44-45	.00582	88,786	517	88,527	2,526,511	28.46
45-46	.00649	88,269	573	87,983	2,437,984	27.62
46-47	.00717	87,696	629	87,382	2,350,001	26.80
47-48	.00781	87,067	680	86,727	2,262,619	25.99
48-49	.00836	86,387	722	86,026	2,175,892	25.19
49-50	.00886	85,665	759	85,286	2,089,866	24.40
50-51	.00938	84,906	796	84,508	2,004,580	23.61
51-52	.00999	84,110	841	83,690	1,920,072	22.83
52-53	.01077	83,269	896	82,821	1,836,382	22.05
53-54	.01174	82,373	967	81,889	1,753,561	21.29
54-55	.01285	81,406	1,046	80,883	1,671,672	20.53

TABLE 1. LIFE TABLE FOR WHITE MALES: OREGON, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01408	80,360	1,132	79,794	1,590,789	19.80
56-57	.01538	79,228	1,218	78,619	1,510,995	19.07
57-58	.01674	78,010	1,306	77,357	1,432,376	18.36
58-59	.01810	76,704	1,389	76,009	1,355,019	17.67
59-60	.01949	75,315	1,468	74,581	1,279,010	16.98
60-61	.02098	73,847	1,549	73,073	1,204,429	16.31
61-62	.02263	72,298	1,636	71,480	1,131,356	15.65
62-63	.02453	70,662	1,733	69,795	1,059,876	15.00
63-64	.02666	68,929	1,838	68,010	990,081	14.36
64-65	.02898	67,091	1,944	66,119	922,071	13.74
65-66	.03150	65,147	2,052	64,121	855,952	13.14
66-67	.03422	63,095	2,159	62,015	791,831	12.55
67-68	.03715	60,936	2,264	59,804	729,816	11.98
68-69	.04023	58,672	2,361	57,492	670,012	11.42
69-70	.04345	56,311	2,446	55,088	612,520	10.88
70-71	.04691	53,865	2,527	52,601	557,432	10.35
71-72	.05070	51,338	2,603	50,036	504,831	9.83
72-73	.05491	48,735	2,676	47,397	454,795	9.33
73-74	.05930	46,059	2,731	44,693	407,398	8.85
74-75	.06380	43,328	2,765	41,946	362,705	8.37
75-76	.06879	40,563	2,790	39,168	320,759	7.91
76-77	.07463	37,773	2,819	36,364	281,591	7.45
77-78	.08169	34,954	2,855	33,526	245,227	7.02
78-79	.08928	32,099	2,898	30,650	211,701	6.60
79-80	.10016	29,201	2,925	27,738	181,051	6.20
80-81	.11086	26,276	2,913	24,820	153,313	5.83
81-82	.12191	23,363	2,848	21,939	128,493	5.50
82-83	.13284	20,515	2,725	19,152	106,554	5.19
83-84	.14381	17,790	2,559	16,511	87,402	4.91
84-85	.15514	15,231	2,363	14,050	70,891	4.65
85-86	.16658	12,868	2,143	11,797	56,841	4.42
86-87	.17790	10,725	1,908	9,771	45,044	4.20
87-88	.18884	8,817	1,665	7,984	35,273	4.00
88-89	.19874	7,152	1,422	6,441	27,289	3.82
89-90	.20776	5,730	1,190	5,135	20,848	3.64
90-91	.21691	4,540	985	4,048	15,713	3.46
91-92	.22719	3,555	808	3,151	11,665	3.28
92-93	.23961	2,747	658	2,418	8,514	3.10
93-94	.25458	2,089	532	1,823	6,096	2.92
94-95	.27141	1,557	422	1,346	4,273	2.74
95-96	.28952	1,135	329	970	2,927	2.58
96-97	.30828	806	248	682	1,957	2.43
97-98	.32710	558	183	466	1,275	2.29
98-99	.34637	375	130	310	809	2.16
99-100	.36651	245	90	200	499	2.04
100-101	.38689	155	60	125	299	1.93
101-102	.40693	95	39	76	174	1.83
102-103	.42600	56	24	44	98	1.74
103-104	.44389	32	14	25	54	1.66
104-105	.46100	18	8	14	29	1.59
105-106	.47767	10	5	7	15	1.52
106-107	.49422	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: OREGON, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.01901	100,000	1,901	98,357	7,341,009	73.41
1-2	.00170	98,099	167	98,016	7,242,652	73.83
2-3	.00113	97,932	110	97,877	7,144,636	72.96
3-4	.00085	97,822	84	97,780	7,046,759	72.04
4-5	.00061	97,738	59	97,709	6,948,979	71.10
5-6	.00057	97,679	56	97,651	6,851,270	70.14
6-7	.00052	97,623	51	97,598	6,753,619	69.18
7-8	.00048	97,572	46	97,549	6,656,021	68.22
8-9	.00044	97,526	43	97,504	6,558,472	67.25
9-10	.00041	97,483	40	97,463	6,460,968	66.28
10-11	.00039	97,443	38	97,424	6,363,505	65.30
11-12	.00038	97,405	37	97,386	6,266,081	64.33
12-13	.00039	97,368	38	97,349	6,168,695	63.35
13-14	.00042	97,330	41	97,309	6,071,346	62.38
14-15	.00048	97,289	47	97,265	5,974,037	61.41
15-16	.00054	97,242	52	97,216	5,876,772	60.43
16-17	.00061	97,190	60	97,160	5,779,556	59.47
17-18	.00066	97,130	64	97,098	5,682,396	58.50
18-19	.00070	97,066	68	97,032	5,585,298	57.54
19-20	.00074	96,998	72	96,962	5,488,266	56.58
20-21	.00077	96,926	74	96,889	5,391,304	55.62
21-22	.00079	96,852	77	96,814	5,294,415	54.67
22-23	.00082	96,775	79	96,736	5,197,601	53.71
23-24	.00084	96,696	81	96,655	5,100,865	52.75
24-25	.00085	96,615	82	96,574	5,004,210	51.80
25-26	.00086	96,533	83	96,491	4,907,636	50.84
26-27	.00088	96,450	85	96,407	4,811,145	49.88
27-28	.00091	96,365	88	96,321	4,714,738	48.93
28-29	.00096	96,277	92	96,231	4,618,417	47.97
29-30	.00102	96,185	99	96,136	4,522,186	47.02
30-31	.00110	96,086	105	96,034	4,426,050	46.06
31-32	.00118	95,981	113	95,924	4,330,016	45.11
32-33	.00127	95,868	122	95,807	4,234,092	44.17
33-34	.00136	95,746	130	95,681	4,138,285	43.22
34-35	.00147	95,616	141	95,545	4,042,604	42.28
35-36	.00158	95,475	151	95,400	3,947,059	41.34
36-37	.00170	95,324	162	95,243	3,851,659	40.41
37-38	.00183	95,162	174	95,075	3,756,416	39.47
38-39	.00197	94,988	187	94,894	3,661,341	38.55
39-40	.00211	94,801	200	94,701	3,566,447	37.62
40-41	.00227	94,601	215	94,493	3,471,746	36.70
41-42	.00245	94,386	231	94,270	3,377,253	35.78
42-43	.00267	94,155	252	94,029	3,282,983	34.87
43-44	.00294	93,903	276	93,765	3,188,954	33.96
44-45	.00326	93,627	305	93,475	3,095,189	33.06
45-46	.00361	93,322	337	93,154	3,001,714	32.17
46-47	.00395	92,985	367	92,802	2,908,560	31.28
47-48	.00427	92,618	396	92,420	2,815,758	30.40
48-49	.00454	92,222	418	92,013	2,723,338	29.53
49-50	.00477	91,804	438	91,585	2,631,325	28.66
50-51	.00500	91,366	457	91,137	2,539,740	27.80
51-52	.00529	90,909	481	90,669	2,448,603	26.93
52-53	.00569	90,428	514	90,171	2,357,934	26.08
53-54	.00621	89,914	559	89,634	2,267,763	25.22
54-55	.00682	89,355	609	89,051	2,178,129	24.38

TABLE 2. LIFE TABLE FOR WHITE FEMALES: OREGON, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00749	88,746	665	88,413	2,089,078	23.54
56-57	.00819	88,081	721	87,720	2,000,665	22.71
57-58	.00890	87,360	778	86,971	1,912,945	21.90
58-59	.00953	86,582	825	86,170	1,825,974	21.09
59-60	.01011	85,757	867	85,324	1,739,804	20.29
60-61	.01075	84,890	912	84,434	1,654,480	19.49
61-62	.01157	83,978	972	83,492	1,570,046	18.70
62-63	.01269	83,006	1,053	82,479	1,486,554	17.91
63-64	.01410	81,953	1,156	81,375	1,404,075	17.13
64-65	.01571	80,797	1,269	80,162	1,322,700	16.37
65-66	.01755	79,528	1,396	78,830	1,242,538	15.62
66-67	.01965	78,132	1,535	77,364	1,163,708	14.89
67-68	.02202	76,597	1,687	75,753	1,086,344	14.18
68-69	.02464	74,910	1,846	73,987	1,010,591	13.49
69-70	.02748	73,064	2,008	72,060	936,604	12.82
70-71	.03060	71,056	2,174	69,969	864,544	12.17
71-72	.03405	68,882	2,345	67,709	794,575	11.54
72-73	.03788	66,537	2,521	65,276	726,866	10.92
73-74	.04189	64,016	2,681	62,675	661,590	10.33
74-75	.04605	61,335	2,825	59,922	598,915	9.76
75-76	.05066	58,510	2,964	57,028	538,993	9.21
76-77	.05601	55,546	3,111	53,990	481,965	8.68
77-78	.06241	52,435	3,273	50,799	427,975	8.16
78-79	.07011	49,162	3,446	47,439	377,176	7.67
79-80	.07892	45,716	3,608	43,912	329,737	7.21
80-81	.08844	42,108	3,724	40,246	285,825	6.79
81-82	.09829	38,384	3,773	36,497	245,579	6.40
82-83	.10808	34,611	3,741	32,741	209,082	6.04
83-84	.11804	30,870	3,644	29,048	176,341	5.71
84-85	.12843	27,226	3,496	25,478	147,293	5.41
85-86	.13890	23,730	3,296	22,082	121,815	5.13
86-87	.14910	20,434	3,047	18,910	99,733	4.88
87-88	.15867	17,387	2,759	16,008	80,823	4.65
88-89	.16641	14,628	2,434	13,411	64,815	4.43
89-90	.17257	12,194	2,104	11,142	51,404	4.22
90-91	.17893	10,090	1,806	9,187	40,262	3.99
91-92	.18729	8,284	1,551	7,508	31,075	3.75
92-93	.19946	6,733	1,343	6,061	23,567	3.50
93-94	.21624	5,390	1,166	4,807	17,506	3.25
94-95	.23642	4,224	998	3,725	12,699	3.01
95-96	.25881	3,226	835	2,808	8,974	2.78
96-97	.28219	2,391	675	2,053	6,166	2.58
97-98	.30536	1,716	524	1,454	4,113	2.40
98-99	.32911	1,192	392	996	2,659	2.23
99-100	.35427	800	284	658	1,663	2.08
100-101	.37960	516	196	418	1,005	1.95
101-102	.40392	320	129	256	587	1.83
102-103	.42600	191	81	150	331	1.74
103-104	.44528	110	49	85	181	1.66
104-105	.46257	61	28	47	96	1.59
105-106	.47871	33	16	25	49	1.52
106-107	.49457	17	8	13	24	1.46
107-108	.51100	9	5	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00222. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.22 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,302 will complete the first year of life and enter the second; 97,117 will begin the third year; 94,919 will reach age 21; and 40,563 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,698 die in the first year of life, 185 in the second year, 211 in the twenty-second year, and 2,790 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,813. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,813 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,648,959 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,671,465.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,813 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,919 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,648,959) is the total number of years lived after attaining age 21 by the 94,919 reaching that age. This number of years divided by the number of persons (4,648,959 divided by 94,919) gives 48.98 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Pennsylvania
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Pennsylvania Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.90 years for white males and 70.96 years for white females. This State ranks 37th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	36.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.5	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.5	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: PENNSYLVANIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02926	100,000	2,926	97,427	6,590,567	65.90
1-2	.00164	97,074	159	96,994	6,492,940	66.89
2-3	.00117	96,915	114	96,858	6,395,946	66.00
3-4	.00094	96,801	91	96,756	6,299,088	65.07
4-5	.00081	96,710	78	96,671	6,202,332	64.13
5-6	.00078	96,632	75	96,594	6,105,661	63.18
6-7	.00073	96,557	71	96,521	6,009,067	62.23
7-8	.00068	96,486	65	96,453	5,912,546	61.28
8-9	.00063	96,421	61	96,390	5,816,093	60.32
9-10	.00059	96,360	57	96,331	5,719,703	59.36
10-11	.00057	96,303	55	96,276	5,623,372	58.39
11-12	.00057	96,248	55	96,221	5,527,096	57.43
12-13	.00060	96,193	57	96,164	5,430,875	56.46
13-14	.00068	96,136	66	96,103	5,334,711	55.49
14-15	.00080	96,070	77	96,052	5,238,608	54.53
15-16	.00093	95,993	89	95,949	5,142,576	53.57
16-17	.00107	95,904	103	95,853	5,046,627	52.62
17-18	.00118	95,801	113	95,745	4,950,774	51.68
18-19	.00127	95,688	121	95,628	4,855,029	50.74
19-20	.00135	95,567	129	95,502	4,759,401	49.80
20-21	.00142	95,438	136	95,370	4,663,899	48.87
21-22	.00147	95,302	140	95,232	4,568,529	47.94
22-23	.00151	95,162	143	95,090	4,473,297	47.01
23-24	.00152	95,019	145	94,946	4,378,207	46.08
24-25	.00149	94,874	141	94,803	4,283,261	45.15
25-26	.00146	94,733	139	94,664	4,188,458	44.21
26-27	.00144	94,594	136	94,526	4,093,794	43.28
27-28	.00145	94,458	137	94,390	3,999,268	42.34
28-29	.00148	94,321	139	94,251	3,904,878	41.40
29-30	.00153	94,182	144	94,110	3,810,627	40.46
30-31	.00160	94,038	151	93,962	3,716,517	39.52
31-32	.00169	93,887	159	93,808	3,622,555	38.58
32-33	.00181	93,728	169	93,644	3,528,747	37.65
33-34	.00195	93,559	183	93,468	3,435,103	36.72
34-35	.00210	93,376	196	93,278	3,341,635	35.79
35-36	.00228	93,180	212	93,074	3,248,357	34.86
36-37	.00251	92,968	234	92,851	3,155,283	33.94
37-38	.00281	92,734	260	92,604	3,062,432	33.02
38-39	.00318	92,474	294	92,327	2,969,828	32.12
39-40	.00361	92,180	333	92,013	2,877,501	31.22
40-41	.00409	91,847	376	91,659	2,785,488	30.33
41-42	.00461	91,471	421	91,261	2,693,829	29.45
42-43	.00514	91,050	468	90,816	2,602,568	28.58
43-44	.00568	90,582	515	90,324	2,511,752	27.73
44-45	.00623	90,067	561	89,787	2,421,428	26.88
45-46	.00682	89,506	610	89,201	2,331,641	26.05
46-47	.00747	88,896	664	88,564	2,242,440	25.23
47-48	.00820	88,232	724	87,870	2,153,876	24.41
48-49	.00900	87,508	787	87,114	2,066,006	23.61
49-50	.00986	86,721	856	86,293	1,978,892	22.82
50-51	.01079	85,865	926	85,402	1,892,599	22.04
51-52	.01182	84,939	1,004	84,437	1,807,197	21.28
52-53	.01298	83,935	1,089	83,390	1,722,760	20.52
53-54	.01427	82,846	1,183	82,254	1,639,370	19.79
54-55	.01568	81,663	1,280	81,023	1,557,116	19.07

TABLE 1. LIFE TABLE FOR WHITE MALES: PENNSYLVANIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01719	80,383	1,382	79,692	1,476,093	18.36
56-57	.01881	79,001	1,486	78,258	1,396,401	17.68
57-58	.02052	77,515	1,591	76,720	1,318,143	17.01
58-59	.02231	75,924	1,693	75,077	1,241,423	16.35
59-60	.02419	74,231	1,796	73,333	1,166,346	15.71
60-61	.02618	72,435	1,896	71,487	1,093,013	15.09
61-62	.02830	70,539	1,997	69,540	1,021,526	14.48
62-63	.03059	68,542	2,096	67,494	951,986	13.89
63-64	.03301	66,446	2,194	65,349	884,492	13.31
64-65	.03556	64,252	2,285	63,110	819,143	12.75
65-66	.03826	61,967	2,370	60,782	756,033	12.20
66-67	.04117	59,597	2,454	58,370	695,251	11.67
67-68	.04433	57,143	2,533	55,876	636,881	11.15
68-69	.04763	54,610	2,601	53,309	581,005	10.64
69-70	.05105	52,009	2,655	50,681	527,696	10.15
70-71	.05474	49,354	2,702	48,003	477,015	9.67
71-72	.05887	46,652	2,746	45,279	429,012	9.20
72-73	.06360	43,906	2,793	42,509	383,733	8.74
73-74	.06908	41,113	2,840	39,693	341,224	8.30
74-75	.07520	38,273	2,878	36,834	301,531	7.88
75-76	.08173	35,395	2,893	33,949	264,697	7.48
76-77	.08847	32,502	2,875	31,064	230,748	7.10
77-78	.09519	29,627	2,820	28,217	199,684	6.74
78-79	.10139	26,807	2,718	25,448	171,467	6.40
79-80	.10722	24,089	2,583	22,797	146,019	6.06
80-81	.11343	21,506	2,440	20,286	123,222	5.73
81-82	.12076	19,066	2,302	17,915	102,936	5.40
82-83	.12997	16,764	2,179	15,675	85,021	5.07
83-84	.14161	14,585	2,065	13,552	69,346	4.75
84-85	.15518	12,520	1,943	11,548	55,794	4.46
85-86	.16985	10,577	1,797	9,679	44,246	4.18
86-87	.18478	8,780	1,622	7,969	34,567	3.94
87-88	.19912	7,158	1,425	6,445	26,598	3.72
88-89	.21274	5,733	1,220	5,123	20,153	3.52
89-90	.22620	4,513	1,021	4,003	15,030	3.33
90-91	.23971	3,492	837	3,074	11,027	3.16
91-92	.25346	2,655	673	2,319	7,953	3.00
92-93	.26766	1,982	530	1,717	5,634	2.84
93-94	.28235	1,452	410	1,247	3,917	2.70
94-95	.29740	1,042	310	887	2,670	2.56
95-96	.31274	732	229	617	1,783	2.44
96-97	.32832	503	165	420	1,166	2.32
97-98	.34408	338	116	280	746	2.21
98-99	.36006	222	80	182	466	2.10
99-100	.37630	142	54	115	284	2.00
100-101	.39275	88	34	71	169	1.91
101-102	.40933	54	22	43	98	1.83
102-103	.42600	32	14	25	55	1.74
103-104	.44280	18	8	14	30	1.67
104-105	.45978	10	5	8	16	1.59
105-106	.47685	5	2	4	8	1.52
106-107	.49395	3	2	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: PENNSYLVANIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	l_x	T_x	e_x^0
0-1	0.02280	100,000	2,280	98,050	7,095,669	70.96
1-2	.00154	97,720	150	97,645	6,997,639	71.61
2-3	.00095	97,570	93	97,523	6,899,994	70.72
3-4	.00078	97,477	76	97,439	6,802,471	69.79
4-5	.00068	97,401	66	97,368	6,705,032	68.84
5-6	.00056	97,335	55	97,307	6,607,664	67.89
6-7	.00048	97,280	47	97,257	6,510,357	66.92
7-8	.00042	97,233	40	97,213	6,413,100	65.96
8-9	.00039	97,193	38	97,174	6,315,887	64.98
9-10	.00038	97,155	37	97,156	6,218,713	64.01
10-11	.00038	97,118	37	97,099	6,121,577	63.03
11-12	.00039	97,081	38	97,062	6,024,478	62.06
12-13	.00040	97,043	39	97,024	5,927,416	61.08
13-14	.00042	97,004	41	96,984	5,830,392	60.10
14-15	.00044	96,963	42	96,942	5,733,408	59.13
15-16	.00048	96,921	47	96,897	5,636,466	58.16
16-17	.00051	96,874	49	96,849	5,539,569	57.18
17-18	.00054	96,825	53	96,799	5,442,720	56.21
18-19	.00057	96,772	55	96,745	5,345,921	55.24
19-20	.00059	96,717	57	96,689	5,249,176	54.27
20-21	.00062	96,660	60	96,630	5,152,487	53.31
21-22	.00065	96,600	62	96,569	5,055,857	52.34
22-23	.00069	96,538	67	96,504	4,959,288	51.37
23-24	.00073	96,471	70	96,436	4,862,784	50.41
24-25	.00078	96,401	76	96,363	4,766,348	49.44
25-26	.00083	96,325	80	96,285	4,669,985	48.48
26-27	.00089	96,245	85	96,203	4,573,700	47.52
27-28	.00095	96,160	92	96,114	4,477,497	46.56
28-29	.00102	96,068	98	96,019	4,381,383	45.61
29-30	.00109	95,970	104	95,918	4,285,364	44.65
30-31	.00117	95,866	112	95,810	4,189,446	43.70
31-32	.00126	95,754	121	95,693	4,093,636	42.75
32-33	.00135	95,633	129	95,568	3,997,943	41.81
33-34	.00144	95,504	138	95,435	3,902,375	40.86
34-35	.00154	95,366	147	95,293	3,806,940	39.92
35-36	.00164	95,219	156	95,141	3,711,647	38.98
36-37	.00176	95,063	167	94,980	3,616,506	38.04
37-38	.00192	94,896	182	94,805	3,521,526	37.11
38-39	.00211	94,714	200	94,614	3,426,721	36.18
39-40	.00233	94,514	220	94,404	3,332,107	35.26
40-41	.00257	94,294	243	94,173	3,237,703	34.34
41-42	.00284	94,051	267	93,918	3,143,530	33.42
42-43	.00313	93,784	293	93,638	3,049,612	32.52
43-44	.00344	93,491	322	93,330	2,955,974	31.62
44-45	.00376	93,169	350	92,994	2,862,644	30.73
45-46	.00412	92,819	383	92,628	2,769,650	29.84
46-47	.00451	92,436	416	92,228	2,677,022	28.96
47-48	.00494	92,020	455	91,792	2,584,794	28.09
48-49	.00540	91,565	495	91,318	2,493,002	27.23
49-50	.00589	91,070	536	90,802	2,401,684	26.37
50-51	.00643	90,534	582	90,243	2,310,882	25.53
51-52	.00703	89,952	632	89,636	2,220,639	24.69
52-53	.00771	89,320	689	88,975	2,131,003	23.86
53-54	.00847	88,631	751	88,256	2,042,028	23.04
54-55	.00929	87,880	816	87,472	1,953,772	22.23

TABLE 2. LIFE TABLE FOR WHITE FEMALES: PENNSYLVANIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	•01018	87,064	886	86,621	1,866,300	21.44
56-57	•01118	86,178	964	85,696	1,779,679	20.65
57-58	•01228	85,214	1,046	84,691	1,693,983	19.88
58-59	•01349	84,168	1,136	83,600	1,609,292	19.12
59-60	•01481	83,032	1,230	82,417	1,525,692	18.37
60-61	•01622	81,802	1,326	81,139	1,443,275	17.64
61-62	•01774	80,476	1,428	79,762	1,362,136	16.93
62-63	•01937	79,048	1,531	78,282	1,282,374	16.22
63-64	•02100	77,517	1,628	76,703	1,204,092	15.53
64-65	•02263	75,889	1,717	75,030	1,127,389	14.86
65-66	•02441	74,172	1,811	73,266	1,052,359	14.19
66-67	•02653	72,361	1,920	71,401	979,093	13.53
67-68	•02914	70,441	2,052	69,415	907,692	12.89
68-69	•03226	68,389	2,207	67,286	838,277	12.26
69-70	•03579	66,182	2,368	64,998	770,991	11.65
70-71	•03970	63,814	2,534	62,547	705,993	11.06
71-72	•04394	61,280	2,692	59,934	643,446	10.50
72-73	•04848	58,588	2,841	57,168	583,512	9.96
73-74	•05329	55,747	2,970	54,262	526,344	9.44
74-75	•05839	52,777	3,082	51,236	472,082	8.94
75-76	•06384	49,695	3,173	48,109	420,846	8.47
76-77	•06969	46,522	3,242	44,901	372,737	8.01
77-78	•07599	43,280	3,289	41,636	327,836	7.57
78-79	•08254	39,991	3,300	38,341	286,200	7.16
79-80	•08930	36,691	3,277	35,052	247,859	6.76
80-81	•09659	33,414	3,227	31,800	212,807	6.37
81-82	•10471	30,187	3,161	28,606	181,007	6.00
82-83	•11398	27,026	3,081	25,486	152,401	5.64
83-84	•12492	23,945	2,991	22,450	126,915	5.30
84-85	•13731	20,954	2,877	19,516	104,465	4.99
85-86	•15039	18,077	2,719	16,718	84,949	4.70
86-87	•16338	15,358	2,509	14,104	68,231	4.44
87-88	•17551	12,849	2,255	11,722	54,127	4.21
88-89	•18599	10,594	1,970	9,609	42,405	4.00
89-90	•19533	8,624	1,685	7,781	32,796	3.80
90-91	•20471	6,939	1,420	6,229	25,015	3.60
91-92	•21533	5,519	1,189	4,924	18,786	3.40
92-93	•22836	4,330	989	3,856	13,862	3.20
93-94	•24428	3,341	816	2,933	10,026	3.00
94-95	•26231	2,525	662	2,194	7,093	2.81
95-96	•28171	1,863	525	1,600	4,899	2.63
96-97	•30179	1,338	404	1,136	3,299	2.47
97-98	•32182	934	300	784	2,163	2.31
98-99	•34228	634	217	525	1,379	2.18
99-100	•36364	417	152	341	854	2.05
100-101	•38519	265	102	214	513	1.93
101-102	•40622	163	66	130	299	1.83
102-103	•42600	97	41	76	169	1.74
103-104	•44423	56	25	43	93	1.66
104-105	•46138	31	14	24	50	1.59
105-106	•47792	17	8	13	26	1.52
106-107	•49431	9	5	7	13	1.46
107-108	•51100	4	2	3	6	1.40
108-109	•52810	2	1	2	3	1.35
109-110	•54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00147. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.47 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,074 will complete the first year of life and enter the second; 96,915 will begin the third year; 95,302 will reach age 21; and 35,395 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,926 die in the first year of life, 159 in the second year, 140 in the twenty-second year, and 2,893 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,232. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,232 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,568,529 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,590,367.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,232 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,302 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,568,529) is the total number of years lived after attaining age 21 by the 95,302 reaching that age. This number of years divided by the number of persons (4,568,529 divided by 95,302) gives 47.94 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Rhode Island
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Rhode Island Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.69 years for white males and 71.66 years for white females. This State ranks 16th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
 (States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(1)	(1)	46.8	51.1	(1)	(1)	13.4	15.5	(1)	(1)
2	Nebraska-----	68.2	74.0	(1)	(1)	46.8	51.6	(1)	(1)	13.5	15.9	(1)	(1)
3	Minnesota-----	68.2	73.4	(1)	(1)	46.6	50.9	(1)	(1)	13.3	15.4	(1)	(1)
4	Iowa-----	68.2	73.7	(1)	(1)	46.8	51.2	(1)	(1)	13.4	15.6	(1)	(1)
5	Kansas-----	68.0	73.7	(1)	(1)	46.5	51.4	(1)	(1)	13.4	15.8	(1)	(1)
6	North Dakota-----	67.9	73.2	(1)	(1)	46.7	50.7	(1)	(1)	13.4	15.0	(1)	(1)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(1)	(1)	45.4	49.9	(1)	(1)	12.8	15.0	(1)	(1)
9	Wisconsin-----	67.6	72.5	(1)	(1)	46.1	50.0	(1)	(1)	13.1	14.9	(1)	(1)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(1)	(1)	45.6	51.1	(1)	(1)	13.1	15.8	(1)	(1)
12	Missouri-----	66.8	72.5	(1)	(1)	45.5	50.3	(1)	(1)	13.0	15.3	(1)	(1)
13	Washington-----	66.7	72.9	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.5	(1)	(1)
14	Massachusetts-----	66.7	72.1	(1)	(1)	44.6	49.3	(1)	(1)	12.4	14.8	(1)	(1)
14	Oregon-----	66.7	73.4	(1)	(1)	45.4	50.8	(1)	(1)	13.1	15.6	(1)	(1)
16	Rhode Island-----	66.7	71.7	(1)	(1)	44.5	49.0	(1)	(1)	12.1	14.4	(1)	(1)
17	Ohio-----	66.6	72.1	(1)	(1)	45.1	49.7	(1)	(1)	12.8	14.9	(1)	(1)
18	New Jersey-----	66.6	71.5	(1)	(1)	44.5	48.8	(1)	(1)	12.2	14.3	(1)	(1)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(1)	(1)	45.0	49.8	(1)	(1)	12.6	15.2	(1)	(1)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(1)	(1)	45.6	50.9	(1)	(1)	13.3	15.6	(1)	(1)
22	Michigan-----	66.5	71.8	(1)	(1)	45.0	49.5	(1)	(1)	12.6	14.7	(1)	(1)
24	Maine-----	66.4	71.6	(1)	(1)	45.5	49.6	(1)	(1)	13.0	14.9	(1)	(1)
25	Indiana-----	66.4	71.9	(1)	(1)	45.2	49.7	(1)	(1)	12.8	15.0	(1)	(1)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(1)	(1)	45.1	49.8	(1)	(1)	12.8	15.0	(1)	(1)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(1)	(1)	44.3	48.6	(1)	(1)	12.2	14.2	(1)	(1)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(1)	(1)	45.8	50.6	(1)	(1)	13.3	15.8	(1)	(1)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(1)	(1)	44.3	49.1	(1)	(1)	12.4	14.6	(1)	(1)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(1)	(1)	44.2	48.5	(1)	(1)	12.2	14.2	(1)	(1)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(1)	(1)	44.3	50.3	(1)	(1)	12.6	15.7	(1)	(1)
40	Montana-----	65.7	72.4	(1)	(1)	44.6	50.0	(1)	(1)	12.8	15.1	(1)	(1)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(1)	(1)	45.2	50.5	(1)	(1)	12.9	15.6	(1)	(1)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(1)	(1)	45.5	49.5	(1)	(1)	13.5	15.6	(1)	(1)
48	Arizona-----	63.3	71.4	(1)	(1)	43.1	50.5	(1)	(1)	12.8	16.3	(1)	(1)
49	Nevada-----	62.8	71.5	(1)	(1)	42.3	49.7	(1)	(1)	11.9	15.5	(1)	(1)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: RHODE ISLAND, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	o_e_x
0-1	0.02680	100,000	2,680	97,643	6,668,872	66.69
1-2	.00153	97,320	149	97,246	6,571,229	67.52
2-3	.00130	97,171	126	97,108	6,473,983	66.62
3-4	.00110	97,045	107	96,991	6,376,875	65.71
4-5	.00075	96,938	73	96,902	6,279,884	64.78
5-6	.00060	96,865	58	96,836	6,182,982	63.83
6-7	.00051	96,807	49	96,783	6,086,146	62.87
7-8	.00045	96,758	44	96,736	5,989,363	61.90
8-9	.00043	96,714	41	96,693	5,892,627	60.93
9-10	.00043	96,673	42	96,652	5,795,934	59.95
10-11	.00044	96,631	42	96,610	5,699,282	58.98
11-12	.00047	96,589	46	96,566	5,602,672	58.01
12-13	.00049	96,543	47	96,520	5,506,106	57.03
13-14	.00051	96,496	49	96,471	5,409,586	56.06
14-15	.00054	96,447	52	96,421	5,313,115	55.09
15-16	.00058	96,395	56	96,367	5,216,694	54.12
16-17	.00062	96,339	60	96,309	5,120,327	53.15
17-18	.00066	96,279	64	96,247	5,024,018	52.18
18-19	.00071	96,215	68	96,181	4,927,771	51.22
19-20	.00077	96,147	74	96,110	4,831,590	50.25
20-21	.00082	96,073	79	96,034	4,735,480	49.29
21-22	.00088	95,994	84	95,952	4,639,446	48.33
22-23	.00091	95,910	87	95,866	4,543,494	47.37
23-24	.00092	95,823	89	95,778	4,447,628	46.42
24-25	.00090	95,734	86	95,691	4,351,850	45.46
25-26	.00088	95,648	84	95,606	4,256,159	44.50
26-27	.00087	95,564	83	95,523	4,160,553	43.54
27-28	.00090	95,481	86	95,438	4,065,030	42.57
28-29	.00096	95,395	92	95,349	3,969,592	41.61
29-30	.00105	95,303	100	95,253	3,874,243	40.65
30-31	.00116	95,203	110	95,148	3,778,990	39.69
31-32	.00129	95,093	123	95,032	3,683,842	38.74
32-33	.00144	94,970	137	94,902	3,588,810	37.79
33-34	.00159	94,833	150	94,758	3,493,908	36.84
34-35	.00175	94,683	166	94,600	3,399,150	35.90
35-36	.00194	94,517	183	94,425	3,304,550	34.96
36-37	.00218	94,334	206	94,231	3,210,125	34.03
37-38	.00249	94,128	234	94,011	3,115,894	33.10
38-39	.00288	93,894	271	93,758	3,021,883	32.18
39-40	.00333	93,623	312	93,467	2,928,125	31.28
40-41	.00383	93,311	357	93,133	2,834,658	30.38
41-42	.00438	92,954	407	92,750	2,741,525	29.49
42-43	.00497	92,547	460	92,317	2,648,775	28.62
43-44	.00561	92,087	517	91,829	2,556,458	27.76
44-45	.00631	91,570	577	91,281	2,464,629	26.92
45-46	.00705	90,993	642	90,672	2,373,348	26.08
46-47	.00778	90,351	703	90,000	2,282,676	25.26
47-48	.00849	89,648	761	89,268	2,192,676	24.46
48-49	.00908	88,887	807	88,483	2,103,408	23.66
49-50	.00957	88,080	843	87,658	2,014,925	22.88
50-51	.01010	87,237	881	86,796	1,927,267	22.09
51-52	.01080	86,356	933	85,890	1,840,471	21.31
52-53	.01180	85,423	1,008	84,919	1,754,581	20.54
53-54	.01317	84,415	1,111	83,859	1,669,662	19.78
54-55	.01481	83,304	1,234	82,687	1,585,803	19.04

TABLE 1. LIFE TABLE FOR WHITE MALES: RHODE ISLAND, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01664	82,070	1,366	81,387	1,503,116	18.32
56-57	.01854	80,704	1,496	79,956	1,421,729	17.62
57-58	.02041	79,208	1,617	78,400	1,341,773	16.94
58-59	.02217	77,591	1,720	76,731	1,263,373	16.28
59-60	.02388	75,871	1,812	74,965	1,186,642	15.64
60-61	.02567	74,059	1,901	73,109	1,111,677	15.01
61-62	.02767	72,158	1,996	71,160	1,038,568	14.39
62-63	.03001	70,162	2,106	69,109	967,408	13.79
63-64	.03273	68,056	2,227	66,942	898,299	13.20
64-65	.03574	65,829	2,353	64,652	831,357	12.63
65-66	.03898	63,476	2,474	62,239	766,705	12.08
66-67	.04240	61,002	2,587	59,708	704,466	11.55
67-68	.04593	58,415	2,683	57,074	644,758	11.04
68-69	.04953	55,732	2,760	54,352	587,684	10.54
69-70	.05323	52,972	2,820	51,562	533,332	10.07
70-71	.05712	50,152	2,865	48,720	481,770	9.61
71-72	.06125	47,287	2,896	45,839	433,050	9.16
72-73	.06571	44,391	2,917	42,932	387,211	8.72
73-74	.07023	41,474	2,913	40,018	344,279	8.30
74-75	.07475	38,561	2,882	37,120	304,261	7.89
75-76	.07968	35,679	2,843	34,257	267,141	7.49
76-77	.08542	32,836	2,805	31,434	232,884	7.09
77-78	.09237	30,031	2,774	28,644	201,450	6.71
78-79	.10120	27,257	2,758	25,878	172,806	6.34
79-80	.11164	24,499	2,735	23,131	146,928	6.00
80-81	.12269	21,764	2,671	20,429	123,797	5.69
81-82	.13333	19,093	2,545	17,821	103,368	5.41
82-83	.14255	16,548	2,359	15,368	85,547	5.17
83-84	.14912	14,189	2,116	13,131	70,179	4.95
84-85	.15370	12,073	1,856	11,145	57,048	4.73
85-86	.15816	10,217	1,616	9,409	45,903	4.49
86-87	.16435	8,601	1,413	7,895	36,494	4.24
87-88	.17113	7,188	1,252	6,562	28,599	3.98
88-89	.18857	5,936	1,119	5,376	22,037	3.71
89-90	.20645	4,817	995	4,320	16,661	3.46
90-91	.22613	3,822	864	3,390	12,341	3.23
91-92	.24601	2,958	728	2,594	8,951	3.03
92-93	.26446	2,230	590	1,935	6,357	2.85
93-94	.28138	1,640	461	1,410	4,422	2.69
94-95	.29783	1,179	351	1,003	3,012	2.55
95-96	.31400	828	260	698	2,009	2.43
96-97	.33004	568	188	474	1,311	2.31
97-98	.34612	380	131	315	837	2.20
98-99	.36213	249	90	204	522	2.09
99-100	.37795	159	60	129	318	2.00
100-101	.39376	99	39	79	189	1.91
101-102	.40972	60	25	48	110	1.82
102-103	.42600	35	15	28	62	1.74
103-104	.44267	20	9	16	34	1.67
104-105	.45963	11	5	9	18	1.59
105-106	.47675	6	3	5	9	1.52
106-107	.49392	3	1	2	4	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: RHODE ISLAND, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02298	100,000	2,298	98,014	7,165,731	71.66
1-2	.00107	97,702	105	97,650	7,067,717	72.34
2-3	.00077	97,597	75	97,560	6,970,067	71.42
3-4	.00058	97,522	56	97,494	6,872,507	70.47
4-5	.00037	97,466	36	97,448	6,775,013	69.51
5-6	.00036	97,430	35	97,412	6,677,565	68.54
6-7	.00035	97,395	34	97,378	6,580,153	67.56
7-8	.00034	97,361	34	97,344	6,482,775	66.58
8-9	.00033	97,327	32	97,311	6,385,431	65.61
9-10	.00031	97,295	30	97,280	6,288,120	64.63
10-11	.00030	97,265	29	97,251	6,190,840	63.65
11-12	.00029	97,236	28	97,222	6,093,589	62.67
12-13	.00029	97,208	28	97,194	5,996,367	61.69
13-14	.00029	97,180	29	97,165	5,899,173	60.70
14-15	.00030	97,151	29	97,137	5,802,008	59.72
15-16	.00030	97,122	29	97,108	5,704,871	58.74
16-17	.00032	97,093	31	97,078	5,607,763	57.76
17-18	.00034	97,062	33	97,046	5,510,685	56.77
18-19	.00037	97,029	36	97,011	5,413,639	55.79
19-20	.00041	96,993	40	96,973	5,316,628	54.81
20-21	.00045	96,953	43	96,932	5,219,655	53.84
21-22	.00049	96,910	48	96,886	5,122,723	52.86
22-23	.00054	96,862	52	96,836	5,025,837	51.89
23-24	.00059	96,810	57	96,781	4,929,001	50.91
24-25	.00063	96,753	61	96,722	4,832,220	49.94
25-26	.00069	96,692	67	96,659	4,735,498	48.98
26-27	.00074	96,625	71	96,589	4,638,839	48.01
27-28	.00079	96,554	77	96,516	4,542,250	47.04
28-29	.00083	96,477	80	96,437	4,445,734	46.08
29-30	.00087	96,397	84	96,355	4,349,297	45.12
30-31	.00091	96,313	87	96,270	4,252,942	44.16
31-32	.00098	96,226	95	96,179	4,156,672	43.20
32-33	.00107	96,131	102	96,080	4,060,493	42.24
33-34	.00121	96,029	117	95,971	3,964,413	41.28
34-35	.00138	95,912	132	95,846	3,868,442	40.33
35-36	.00157	95,780	150	95,705	3,772,596	39.39
36-37	.00176	95,630	169	95,546	3,676,891	38.45
37-38	.00194	95,461	185	95,369	3,581,345	37.52
38-39	.00208	95,276	198	95,177	3,485,976	36.59
39-40	.00221	95,078	210	94,973	3,390,799	35.66
40-41	.00233	94,868	221	94,757	3,295,826	34.74
41-42	.00250	94,647	237	94,529	3,201,069	33.82
42-43	.00273	94,410	257	94,281	3,106,540	32.90
43-44	.00304	94,153	287	94,009	3,012,259	31.99
44-45	.00341	93,866	320	93,706	2,918,250	31.09
45-46	.00381	93,546	356	93,368	2,824,544	30.19
46-47	.00425	93,190	396	92,992	2,731,176	29.31
47-48	.00470	92,794	436	92,576	2,638,184	28.43
48-49	.00514	92,358	475	92,120	2,545,608	27.56
49-50	.00559	91,883	514	91,626	2,453,488	26.70
50-51	.00607	91,369	554	91,092	2,361,862	25.85
51-52	.00661	90,815	601	90,514	2,270,770	25.00
52-53	.00724	90,214	653	89,888	2,180,256	24.17
53-54	.00794	89,561	711	89,206	2,090,368	23.34
54-55	.00869	88,850	772	88,464	2,001,162	22.52

TABLE 2. LIFE TABLE FOR WHITE FEMALES: RHODE ISLAND, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.00953	88,078	839	87,658	1,912,698	21.72
56-57	.01048	87,239	915	86,781	1,825,040	20.92
57-58	.01159	86,324	1,000	85,824	1,738,259	20.14
58-59	.01289	85,324	1,100	84,774	1,652,435	19.37
59-60	.01435	84,224	1,209	83,620	1,567,661	18.61
60-61	.01593	83,015	1,322	82,354	1,484,041	17.88
61-62	.01755	81,693	1,434	80,976	1,401,687	17.16
62-63	.01917	80,259	1,538	79,490	1,320,711	16.46
63-64	.02061	78,721	1,623	77,909	1,241,221	15.77
64-65	.02191	77,098	1,689	76,254	1,163,312	15.09
65-66	.02332	75,409	1,759	74,530	1,087,058	14.42
66-67	.02511	73,650	1,849	72,726	1,012,528	13.75
67-68	.02751	71,801	1,975	70,813	939,802	13.09
68-69	.03062	69,826	2,138	68,757	868,989	12.45
69-70	.03426	67,688	2,319	66,528	800,232	11.82
70-71	.03831	65,369	2,504	64,117	733,704	11.22
71-72	.04266	62,865	2,682	61,524	669,587	10.65
72-73	.04717	60,183	2,839	58,763	608,063	10.10
73-74	.05165	57,344	2,962	55,863	549,300	9.58
74-75	.05619	54,382	3,056	52,854	493,437	9.07
75-76	.06108	51,326	3,135	49,759	440,583	8.58
76-77	.06661	48,191	3,210	46,586	390,824	8.11
77-78	.07308	44,981	3,287	43,338	344,238	7.65
78-79	.08078	41,694	3,368	40,010	300,900	7.22
79-80	.08952	38,326	3,431	36,611	260,890	6.81
80-81	.09885	34,895	3,449	33,170	224,279	6.43
81-82	.10836	31,446	3,408	29,742	191,109	6.08
82-83	.11760	28,038	3,297	26,390	161,567	5.76
83-84	.12633	24,741	3,126	23,178	134,977	5.46
84-85	.13483	21,615	2,914	20,158	111,799	5.17
85-86	.14348	18,701	2,683	17,359	91,641	4.90
86-87	.15267	16,018	2,446	14,795	74,282	4.64
87-88	.16277	13,572	2,209	12,468	59,487	4.38
88-89	.17349	11,363	1,971	10,377	47,019	4.14
89-90	.18458	9,392	1,734	8,525	36,642	3.90
90-91	.19648	7,658	1,504	6,906	28,117	3.67
91-92	.20963	6,154	1,290	5,509	21,211	3.45
92-93	.22449	4,864	1,092	4,318	15,702	3.23
93-94	.24149	3,772	911	3,316	11,584	3.02
94-95	.26033	2,861	745	2,489	8,068	2.82
95-96	.28037	2,116	593	1,819	5,579	2.64
96-97	.30093	1,523	458	1,294	3,760	2.47
97-98	.32136	1,065	343	894	2,466	2.32
98-99	.34210	722	247	599	1,572	2.18
99-100	.36360	475	173	389	973	2.05
100-101	.38519	302	116	244	584	1.93
101-102	.40620	186	76	148	340	1.83
102-103	.42600	110	47	87	192	1.74
103-104	.44426	63	28	49	105	1.66
104-105	.46141	35	16	27	56	1.59
105-106	.47794	19	9	14	29	1.52
106-107	.49431	10	5	7	15	1.46
107-108	.51100	5	3	4	8	1.40
108-109	.52810	2	1	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00088. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 0.88 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,320 will complete the first year of life and enter the second; 97,171 will begin the third year; 95,994 will reach age 21; and 35,679 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,680 die in the first year of life, 149 in the second year, 84 in the twenty-second year, and 2,843 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,952. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,952 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,639,446 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,668,872.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,952 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,994 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,639,446) is the total number of years lived after attaining age 21 by the 95,994 reaching that age. This number of years divided by the number of persons (4,639,446 divided by 95,994) gives 48.33 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

South Carolina
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

South Carolina Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 64.75 years for white males, 72.40 years for white females, 56.17 years for nonwhite males, and 60.90 years for nonwhite females. This State ranks 46th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Sources: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: SOUTH CAROLINA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03390	100,000	3,390	97,019	6,475,047	64.75
1-2	0.0209	96,610	202	96,509	6,378,028	66.02
2-3	0.0132	96,408	127	96,344	6,281,519	65.16
3-4	0.0109	96,281	105	96,228	6,185,175	64.24
4-5	0.0096	96,176	92	96,130	6,088,947	63.31
5-6	0.0083	96,084	80	96,044	5,992,817	62.37
6-7	0.0072	96,004	69	95,969	5,896,773	61.42
7-8	0.0064	95,935	62	95,904	5,800,804	60.47
8-9	0.0058	95,873	55	95,845	5,704,900	59.50
9-10	0.0055	95,818	53	95,791	5,609,055	58.54
10-11	0.0055	95,765	53	95,739	5,513,264	57.57
11-12	0.0056	95,712	53	95,686	5,417,525	56.60
12-13	0.0061	95,659	59	95,630	5,321,839	55.63
13-14	0.0068	95,600	65	95,568	5,226,209	54.67
14-15	0.0079	95,535	75	95,498	5,130,641	53.70
15-16	0.0092	95,460	88	95,416	5,035,143	52.75
16-17	0.0106	95,372	101	95,322	4,939,727	51.79
17-18	0.0122	95,271	116	95,213	4,844,405	50.85
18-19	0.0142	95,155	135	95,087	4,749,192	49.91
19-20	0.0165	95,020	157	94,941	4,654,105	48.98
20-21	0.0189	94,863	179	94,773	4,559,164	48.06
21-22	0.0210	94,684	199	94,584	4,464,391	47.15
22-23	0.0224	94,485	212	94,379	4,369,807	46.25
23-24	0.0228	94,273	215	94,166	4,275,428	45.35
24-25	0.0224	94,058	211	93,953	4,181,262	44.45
25-26	0.0217	93,847	203	93,746	4,087,309	43.55
26-27	0.0211	93,644	198	93,545	3,993,563	42.65
27-28	0.0212	93,446	198	93,347	3,900,018	41.74
28-29	0.0220	93,248	205	93,146	3,806,671	40.82
29-30	0.0233	93,043	217	92,935	3,713,525	39.91
30-31	0.0248	92,826	230	92,711	3,620,590	39.00
31-32	0.0264	92,596	245	92,474	3,527,879	38.10
32-33	0.0279	92,351	257	92,223	3,435,405	37.20
33-34	0.0291	92,094	268	91,960	3,343,182	36.30
34-35	0.0302	91,826	277	91,687	3,251,222	35.41
35-36	0.0313	91,549	287	91,405	3,159,535	34.51
36-37	0.0329	91,262	300	91,112	3,068,130	33.62
37-38	0.0350	90,962	319	90,803	2,977,018	32.73
38-39	0.0376	90,643	340	90,473	2,886,215	31.84
39-40	0.0404	90,303	365	90,120	2,795,742	30.96
40-41	0.0437	89,938	393	89,741	2,705,622	30.08
41-42	0.0479	89,545	429	89,330	2,615,881	29.21
42-43	0.0531	89,116	473	88,879	2,526,551	28.35
43-44	0.0597	88,643	530	88,378	2,437,672	27.50
44-45	0.0675	88,113	594	87,816	2,349,294	26.66
45-46	0.0761	87,519	666	87,186	2,261,478	25.84
46-47	0.0848	86,853	737	86,484	2,174,292	25.03
47-48	0.0933	86,116	803	85,714	2,087,808	24.24
48-49	0.1007	85,313	859	84,883	2,002,094	23.47
49-50	0.1075	84,454	908	84,000	1,917,211	22.70
50-51	0.1147	83,546	959	83,066	1,833,211	21.94
51-52	0.1234	82,587	1,019	82,078	1,750,145	21.19
52-53	0.1348	81,568	1,099	81,018	1,668,067	20.45
53-54	0.1495	80,469	1,203	79,867	1,587,049	19.72
54-55	0.1667	79,266	1,322	78,605	1,507,182	19.01

TABLE 1. LIFE TABLE FOR WHITE MALES: SOUTH CAROLINA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	•01856	77,944	1,446	77,221	1,428,577	18.33
56-57	•02051	76,498	1,569	75,713	1,351,356	17.67
57-58	•02244	74,929	1,682	74,088	1,275,643	17.02
58-59	•02439	73,247	1,786	72,354	1,201,555	16.40
59-60	•02641	71,461	1,887	70,517	1,129,201	15.80
60-61	•02845	69,574	1,980	68,584	1,058,684	15.22
61-62	•03046	67,594	2,059	66,565	990,100	14.65
62-63	•03237	65,535	2,121	64,475	923,535	14.09
63-64	•03397	63,414	2,154	62,337	859,060	13.55
64-65	•03530	61,260	2,163	60,178	796,723	13.01
65-66	•03669	59,097	2,168	58,013	736,545	12.46
66-67	•03845	56,929	2,189	55,834	678,532	11.92
67-68	•04091	54,740	2,239	53,620	622,698	11.38
68-69	•04412	52,501	2,317	51,342	569,078	10.84
69-70	•04788	50,184	2,403	48,983	517,736	10.32
70-71	•05209	47,781	2,488	46,537	468,753	9.81
71-72	•05668	45,293	2,568	44,009	422,216	9.32
72-73	•06159	42,725	2,631	41,410	378,207	8.85
73-74	•06685	40,094	2,680	38,754	336,797	8.40
74-75	•07253	37,414	2,714	36,057	298,043	7.97
75-76	•07853	34,700	2,725	33,338	261,986	7.55
76-77	•08481	31,975	2,712	30,619	228,648	7.15
77-78	•09128	29,263	2,671	27,928	198,029	6.77
78-79	•09705	26,592	2,581	25,302	170,101	6.40
79-80	•10217	24,011	2,453	22,785	144,799	6.03
80-81	•10798	21,558	2,328	20,394	122,014	5.66
81-82	•11583	19,230	2,227	18,117	101,620	5.28
82-83	•12705	17,003	2,160	15,923	83,503	4.91
83-84	•14398	14,843	2,137	13,774	67,580	4.55
84-85	•16573	12,706	2,106	11,653	53,806	4.23
85-86	•18879	10,600	2,001	9,599	42,153	3.98
86-87	•20966	8,599	1,803	7,697	32,554	3.79
87-88	•22485	6,796	1,528	6,032	24,857	3.66
88-89	•23192	5,268	1,222	4,657	18,825	3.57
89-90	•23237	4,046	940	3,576	14,168	3.50
90-91	•23302	3,106	724	2,744	10,592	3.41
91-92	•23322	2,382	555	2,104	7,848	3.29
92-93	•23881	1,827	437	1,609	5,744	3.14
93-94	•25044	1,390	348	1,216	4,135	2.97
94-95	•26549	1,042	277	904	2,919	2.80
95-96	•28290	765	216	657	2,015	2.63
96-97	•30161	549	166	466	1,358	2.47
97-98	•32056	383	123	322	892	2.32
98-99	•34046	260	88	216	570	2.18
99-100	•36201	172	62	141	354	2.05
100-101	•38416	110	43	89	213	1.94
101-102	•40584	67	27	54	124	1.83
102-103	•42600	40	17	32	70	1.74
103-104	•44431	23	10	18	38	1.66
104-105	•46147	13	6	10	20	1.59
105-106	•47798	7	3	5	10	1.52
106-107	•49433	4	2	3	5	1.46
107-108	•51100	2	1	1	2	1.40
108-109	•52810	1	1	1	1	1.35
109-110	•54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: SOUTH CAROLINA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02388	100,000	2,388	97,936	7,240,384	72.40
1-2	0.0185	97,612	181	97,522	7,142,448	73.17
2-3	0.0110	97,431	107	97,378	7,044,926	72.31
3-4	0.0100	97,324	97	97,276	6,947,548	71.39
4-5	0.0077	97,227	75	97,189	6,850,272	70.46
5-6	0.0069	97,152	67	97,119	6,753,083	69.51
6-7	0.0062	97,085	60	97,055	6,655,964	68.56
7-8	0.0057	97,025	55	96,997	6,558,909	67.60
8-9	0.0053	96,970	52	96,944	6,461,912	66.64
9-10	0.0050	96,918	48	96,894	6,364,968	65.67
10-11	0.0048	96,870	47	96,846	6,268,074	64.71
11-12	0.0048	96,823	46	96,800	6,171,228	63.74
12-13	0.0048	96,777	47	96,753	6,074,428	62.77
13-14	0.0050	96,730	48	96,706	5,977,675	61.80
14-15	0.0053	96,682	51	96,656	5,880,969	60.83
15-16	0.0057	96,631	55	96,603	5,784,313	59.86
16-17	0.0061	96,576	59	96,546	5,687,710	58.89
17-18	0.0064	96,517	62	96,486	5,591,164	57.93
18-19	0.0066	96,455	64	96,423	5,494,678	56.97
19-20	0.0067	96,391	64	96,359	5,398,255	56.00
20-21	0.0069	96,327	67	96,293	5,301,896	55.04
21-22	0.0070	96,260	67	96,226	5,205,603	54.08
22-23	0.0073	96,193	70	96,158	5,109,377	53.12
23-24	0.0077	96,123	74	96,086	5,013,219	52.15
24-25	0.0082	96,049	79	96,009	4,917,133	51.19
25-26	0.0087	95,970	84	95,928	4,821,124	50.24
26-27	0.0093	95,886	89	95,842	4,725,196	49.28
27-28	0.0098	95,797	94	95,750	4,629,354	48.32
28-29	0.0102	95,703	97	95,654	4,533,604	47.37
29-30	0.0104	95,606	100	95,556	4,437,950	46.42
30-31	0.0107	95,506	102	95,455	4,342,394	45.47
31-32	0.0112	95,404	107	95,351	4,246,939	44.52
32-33	0.0121	95,297	115	95,239	4,151,588	43.56
33-34	0.0135	95,182	129	95,118	4,056,349	42.62
34-35	0.0153	95,053	145	94,981	3,961,231	41.67
35-36	0.0172	94,908	163	94,826	3,866,250	40.74
36-37	0.0192	94,745	182	94,654	3,771,424	39.81
37-38	0.0210	94,563	199	94,463	3,676,770	38.88
38-39	0.0224	94,364	211	94,258	3,582,307	37.96
39-40	0.0237	94,153	223	94,041	3,488,049	37.05
40-41	0.0249	93,930	234	93,813	3,394,008	36.13
41-42	0.0264	93,696	248	93,572	3,300,195	35.22
42-43	0.0282	93,448	263	93,317	3,206,623	34.31
43-44	0.0304	93,185	283	93,043	3,113,306	33.41
44-45	0.0329	92,902	306	92,749	3,020,263	32.51
45-46	0.0357	92,596	331	92,431	2,927,514	31.62
46-47	0.0388	92,265	358	92,086	2,835,083	30.73
47-48	0.0421	91,907	387	91,714	2,742,997	29.85
48-49	0.0457	91,520	418	91,311	2,651,283	28.97
49-50	0.0495	91,102	451	90,877	2,559,972	28.10
50-51	0.0537	90,651	487	90,408	2,469,095	27.24
51-52	0.0582	90,164	524	89,902	2,378,687	26.38
52-53	0.0632	89,640	567	89,356	2,288,785	25.53
53-54	0.0684	89,073	609	88,769	2,199,429	24.69
54-55	0.0737	88,464	652	88,138	2,110,660	23.86

TABLE 2. LIFE TABLE FOR WHITE FEMALES: SOUTH CAROLINA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00795	87,812	698	87,463	2,022,522	23.03
56-57	.00862	87,114	751	86,738	1,935,059	22.21
57-58	.00942	86,363	814	85,956	1,848,321	21.40
58-59	.01033	85,549	883	85,108	1,762,365	20.60
59-60	.01132	84,666	959	84,186	1,677,257	19.81
60-61	.01241	83,707	1,039	83,188	1,593,071	19.03
61-62	.01364	82,668	1,127	82,105	1,509,883	18.26
62-63	.01501	81,541	1,224	80,929	1,427,778	17.51
63-64	.01648	80,317	1,324	79,655	1,346,849	16.77
64-65	.01804	78,993	1,425	78,281	1,267,194	16.04
65-66	.01976	77,568	1,532	76,802	1,188,913	15.33
66-67	.02170	76,036	1,650	75,211	1,112,111	14.63
67-68	.02393	74,386	1,781	73,496	1,036,900	13.94
68-69	.02638	72,605	1,915	71,648	963,404	13.27
69-70	.02900	70,690	2,050	69,665	891,756	12.62
70-71	.03191	68,640	2,190	67,545	822,091	11.98
71-72	.03522	66,450	2,341	65,280	754,546	11.36
72-73	.03905	64,109	2,503	62,858	689,266	10.75
73-74	.04320	61,606	2,661	60,275	626,408	10.17
74-75	.04759	58,945	2,806	57,542	566,133	9.60
75-76	.05253	56,139	2,949	54,665	508,591	9.06
76-77	.05829	53,190	3,100	51,640	453,926	8.53
77-78	.06518	50,090	3,265	48,458	402,286	8.03
78-79	.07383	46,825	3,457	45,097	353,828	7.56
79-80	.08403	43,368	3,644	41,546	308,731	7.12
80-81	.09485	39,724	3,768	37,840	267,185	6.73
81-82	.10533	35,956	3,787	34,062	229,345	6.38
82-83	.11453	32,169	3,685	30,327	195,283	6.07
83-84	.12177	28,484	3,468	26,750	164,956	5.79
84-85	.12769	25,016	3,194	23,419	138,206	5.52
85-86	.13328	21,822	2,909	20,367	114,787	5.26
86-87	.13956	18,913	2,639	17,593	94,420	4.99
87-88	.14753	16,274	2,401	15,073	76,827	4.72
88-89	.15684	13,873	2,176	12,785	61,754	4.45
89-90	.16682	11,697	1,951	10,721	48,969	4.19
90-91	.17799	9,746	1,735	8,878	38,248	3.92
91-92	.19087	8,011	1,529	7,247	29,370	3.67
92-93	.20598	6,482	1,335	5,814	22,123	3.41
93-94	.22394	5,147	1,153	4,571	16,309	3.17
94-95	.24439	3,994	976	3,506	11,738	2.94
95-96	.26643	3,018	804	2,616	8,232	2.73
96-97	.28912	2,214	640	1,894	5,616	2.54
97-98	.31156	1,574	490	1,329	3,722	2.36
98-99	.33435	1,084	363	902	2,393	2.21
99-100	.35811	721	258	592	1,491	2.07
100-101	.38192	463	177	375	899	1.94
101-102	.40485	286	116	228	524	1.83
102-103	.42600	170	72	134	296	1.74
103-104	.44488	98	44	76	162	1.66
104-105	.46212	54	25	42	86	1.59
105-106	.47841	29	14	22	44	1.52
106-107	.49447	15	7	11	22	1.46
107-108	.51100	8	4	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: SOUTH CAROLINA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.05448	100,000	5,448	95,460	5,617,448	56.17
1-2	.00552	94,552	522	94,291	5,521,988	58.40
2-3	.00274	94,030	258	93,901	5,427,697	57.72
3-4	.00186	93,772	174	93,685	5,333,796	56.88
4-5	.00162	93,598	152	93,522	5,240,111	55.99
5-6	.00126	93,446	117	93,388	5,146,589	55.08
6-7	.00100	93,329	94	93,282	5,053,201	54.14
7-8	.00084	93,235	78	93,196	4,959,919	53.20
8-9	.00076	93,157	71	93,122	4,866,723	52.24
9-10	.00074	93,086	69	93,052	4,773,601	51.28
10-11	.00078	93,017	72	92,981	4,680,549	50.32
11-12	.00085	92,945	79	92,905	4,587,568	49.36
12-13	.00096	92,866	89	92,821	4,494,663	48.40
13-14	.00110	92,777	102	92,726	4,401,842	47.45
14-15	.00129	92,675	120	92,615	4,309,116	46.50
15-16	.00150	92,555	139	92,486	4,216,501	45.56
16-17	.00175	92,416	162	92,335	4,124,015	44.62
17-18	.00201	92,254	185	92,162	4,031,680	43.70
18-19	.00229	92,069	211	91,964	3,939,518	42.79
19-20	.00260	91,858	239	91,739	3,847,554	41.89
20-21	.00292	91,619	267	91,486	3,755,815	40.99
21-22	.00327	91,352	299	91,202	3,664,329	40.11
22-23	.00363	91,053	330	90,888	3,573,127	39.24
23-24	.00402	90,723	365	90,540	3,482,239	38.38
24-25	.00444	90,358	401	90,157	3,391,699	37.54
25-26	.00487	89,957	438	89,738	3,301,542	36.70
26-27	.00529	89,519	474	89,282	3,211,804	35.88
27-28	.00569	89,045	507	88,792	3,122,522	35.07
28-29	.00605	88,538	535	88,271	3,033,730	34.26
29-30	.00637	88,003	561	87,722	2,945,459	33.47
30-31	.00670	87,442	586	87,149	2,857,737	32.68
31-32	.00704	86,856	611	86,551	2,770,588	31.90
32-33	.00744	86,245	642	85,924	2,684,037	31.12
33-34	.00789	85,603	675	85,265	2,598,113	30.35
34-35	.00838	84,928	712	84,572	2,512,848	29.59
35-36	.00889	84,216	749	83,842	2,428,276	28.83
36-37	.00944	83,467	788	83,073	2,344,434	28.09
37-38	.01001	82,679	827	82,266	2,261,361	27.35
38-39	.01055	81,852	864	81,420	2,179,095	26.62
39-40	.01108	80,988	897	80,540	2,097,675	25.90
40-41	.01165	80,091	933	79,624	2,017,135	25.19
41-42	.01235	79,158	978	78,669	1,937,511	24.48
42-43	.01325	78,180	1,036	77,662	1,858,842	23.78
43-44	.01436	77,144	1,107	76,590	1,781,180	23.09
44-45	.01562	76,037	1,188	75,443	1,704,590	22.42
45-46	.01703	74,849	1,275	74,212	1,629,147	21.77
46-47	.01859	73,574	1,368	72,890	1,554,935	21.13
47-48	.02027	72,206	1,463	71,475	1,482,045	20.53
48-49	.02211	70,743	1,564	69,961	1,410,570	19.94
49-50	.02412	69,179	1,669	68,344	1,340,609	19.38
50-51	.02624	67,510	1,771	66,624	1,272,265	18.85
51-52	.02846	65,739	1,871	64,803	1,205,641	18.34
52-53	.03071	63,868	1,962	62,887	1,140,838	17.86
53-54	.03316	61,906	2,052	60,880	1,077,951	17.41
54-55	.03582	59,854	2,144	58,782	1,017,071	16.99

TABLE 3. LIFE TABLE FOR NONWHITE MALES: SOUTH CAROLINA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.03848	57,710	2,221	56,599	958,289	16.61
56-57	.04092	55,489	2,271	54,354	901,690	16.25
57-58	.04290	53,218	2,283	52,077	847,336	15.92
58-59	.04433	50,935	2,258	49,806	795,259	15.61
59-60	.04536	48,677	2,208	47,573	745,453	15.31
60-61	.04613	46,469	2,143	45,397	697,880	15.02
61-62	.04682	44,326	2,076	43,288	652,483	14.72
62-63	.04757	42,250	2,010	41,245	609,195	14.42
63-64	.04837	40,240	1,946	39,267	567,950	14.11
64-65	.04912	38,294	1,881	37,354	528,683	13.81
65-66	.04984	36,413	1,815	35,506	491,529	13.49
66-67	.05055	34,598	1,749	33,724	455,823	13.17
67-68	.05128	32,849	1,684	32,007	422,099	12.85
68-69	.05192	31,165	1,618	30,356	390,092	12.52
69-70	.05246	29,547	1,550	28,772	359,736	12.18
70-71	.05306	27,997	1,486	27,254	330,964	11.82
71-72	.05386	26,511	1,428	25,797	303,710	11.46
72-73	.05501	25,083	1,380	24,393	277,913	11.08
73-74	.05650	23,703	1,339	23,034	253,520	10.70
74-75	.05823	22,364	1,302	21,713	230,486	10.31
75-76	.06022	21,062	1,268	20,428	208,773	9.91
76-77	.06250	19,794	1,238	19,175	188,345	9.52
77-78	.06511	18,556	1,208	17,952	169,170	9.12
78-79	.06788	17,348	1,177	16,759	151,218	8.72
79-80	.07079	16,171	1,145	15,598	134,459	8.31
80-81	.07408	15,026	1,113	14,469	118,861	7.91
81-82	.07800	13,913	1,085	13,370	104,392	7.50
82-83	.08279	12,828	1,062	12,297	91,022	7.10
83-84	.08792	11,766	1,035	11,248	78,725	6.69
84-85	.09322	10,731	1,000	10,231	67,477	6.29
85-86	.09950	9,731	968	9,247	57,246	5.88
86-87	.10754	8,763	943	8,291	47,999	5.48
87-88	.11813	7,820	924	7,358	39,708	5.08
88-89	.13168	6,896	908	6,442	32,350	4.69
89-90	.14766	5,988	884	5,546	25,908	4.33
90-91	.16546	5,104	844	4,682	20,362	3.99
91-92	.18448	4,260	786	3,867	15,680	3.68
92-93	.20409	3,474	709	3,119	11,813	3.40
93-94	.22471	2,765	621	2,454	8,694	3.14
94-95	.24674	2,144	529	1,879	6,240	2.91
95-96	.26958	1,615	436	1,397	4,361	2.70
96-97	.29260	1,179	345	1,007	2,964	2.51
97-98	.31521	834	263	703	1,957	2.34
98-99	.33780	571	193	475	1,254	2.19
99-100	.36079	378	136	310	779	2.06
100-101	.38356	242	93	195	469	1.94
101-102	.40550	149	60	119	274	1.83
102-103	.42600	89	38	70	155	1.74
103-104	.44465	51	23	40	85	1.66
104-105	.46186	28	13	22	45	1.59
105-106	.47824	15	7	12	23	1.52
106-107	.49441	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: SOUTH CAROLINA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	Proportion of persons alive at beginning of year of age dying during year (2)	Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	$^o e_x$
0-1	0.04300	100,000	4,300	96,453	6,089,989	60.90
1-2	0.00420	95,700	402	95,499	5,993,536	62.63
2-3	0.00244	95,298	232	95,182	5,898,037	61.89
3-4	0.00167	95,066	159	94,986	5,802,855	61.04
4-5	0.00137	94,907	130	94,842	5,707,869	60.14
5-6	0.00112	94,777	106	94,724	5,613,027	59.22
6-7	0.00092	94,671	87	94,627	5,518,303	58.29
7-8	0.00077	94,584	73	94,547	5,423,676	57.34
8-9	0.00066	94,511	63	94,479	5,329,129	56.39
9-10	0.00060	94,448	56	94,420	5,234,650	55.42
10-11	0.00058	94,392	55	94,364	5,140,230	54.46
11-12	0.00060	94,337	57	94,309	5,045,866	53.49
12-13	0.00065	94,280	61	94,250	4,951,557	52.52
13-14	0.00075	94,219	71	94,184	4,857,307	51.55
14-15	0.00090	94,148	84	94,106	4,763,123	50.59
15-16	0.00108	94,064	102	94,013	4,669,017	49.64
16-17	0.00128	93,962	120	93,902	4,575,004	48.69
17-18	0.00147	93,842	138	93,773	4,481,102	47.75
18-19	0.00166	93,704	156	93,626	4,387,329	46.82
19-20	0.00186	93,548	174	93,461	4,293,703	45.90
20-21	0.00207	93,374	193	93,278	4,200,242	44.98
21-22	0.00228	93,181	212	93,075	4,106,964	44.08
22-23	0.00251	92,969	234	92,852	4,013,889	43.17
23-24	0.00275	92,735	255	92,608	3,921,037	42.28
24-25	0.00299	92,480	276	92,342	3,828,429	41.40
25-26	0.00325	92,204	300	92,054	3,736,087	40.52
26-27	0.00351	91,904	323	91,743	3,644,033	39.65
27-28	0.00379	91,581	347	91,408	3,552,290	38.79
28-29	0.00407	91,234	371	91,049	3,460,882	37.93
29-30	0.00434	90,863	394	90,666	3,369,833	37.09
30-31	0.00463	90,469	419	90,259	3,279,167	36.25
31-32	0.00495	90,050	446	89,827	3,188,908	35.41
32-33	0.00532	89,604	477	89,366	3,099,081	34.59
33-34	0.00574	89,127	511	88,872	3,009,715	33.77
34-35	0.00621	88,616	551	88,341	2,920,843	32.96
35-36	0.00670	88,065	590	87,770	2,832,502	32.16
36-37	0.00722	87,475	631	87,160	2,744,732	31.38
37-38	0.00775	86,844	673	86,507	2,657,572	30.60
38-39	0.00825	86,171	711	85,815	2,571,065	29.84
39-40	0.00872	85,460	745	85,087	2,485,250	29.08
40-41	0.00924	84,715	783	84,323	2,400,163	28.33
41-42	0.00985	83,932	827	83,519	2,315,840	27.59
42-43	0.01064	83,105	884	82,663	2,232,321	26.86
43-44	0.01163	82,221	956	81,743	2,149,658	26.14
44-45	0.01278	81,265	1,039	80,745	2,067,915	25.45
45-46	0.01404	80,226	1,126	79,663	1,987,170	24.77
46-47	0.01535	79,100	1,214	78,493	1,907,507	24.12
47-48	0.01666	77,886	1,298	77,237	1,829,014	23.48
48-49	0.01793	76,588	1,373	75,901	1,751,777	22.87
49-50	0.01921	75,215	1,445	74,492	1,675,876	22.28
50-51	0.02054	73,770	1,515	73,012	1,601,384	21.71
51-52	0.02195	72,255	1,586	71,462	1,528,372	21.15
52-53	0.02348	70,669	1,660	69,839	1,456,910	20.62
53-54	0.02524	69,009	1,741	68,138	1,387,071	20.10
54-55	0.02721	67,268	1,831	66,352	1,318,933	19.61

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: SOUTH CAROLINA, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.02922	65,437	1,912	64,481	1,252,581	19.14
56-57	.03111	63,525	1,976	62,537	1,188,100	18.70
57-58	.03272	61,549	2,014	60,542	1,125,563	18.29
58-59	.03398	59,535	2,023	58,523	1,065,021	17.89
59-60	.03500	57,512	2,013	56,506	1,006,498	17.50
60-61	.03588	55,499	1,991	54,503	949,992	17.12
61-62	.03672	53,508	1,965	52,525	895,489	16.74
62-63	.03761	51,543	1,939	50,574	842,964	16.35
63-64	.03857	49,604	1,913	48,648	792,390	15.97
64-65	.03953	47,691	1,885	46,749	743,742	15.60
65-66	.04048	45,806	1,854	44,879	696,993	15.22
66-67	.04139	43,952	1,819	43,042	652,114	14.84
67-68	.04225	42,133	1,781	41,243	609,072	14.46
68-69	.04298	40,352	1,734	39,485	567,829	14.07
69-70	.04360	38,618	1,684	37,776	528,544	13.68
70-71	.04421	36,934	1,632	36,118	490,568	13.28
71-72	.04492	35,302	1,586	34,509	454,450	12.87
72-73	.04584	33,716	1,546	32,943	419,941	12.46
73-74	.04691	32,170	1,509	31,416	386,998	12.03
74-75	.04805	30,661	1,473	29,924	355,582	11.60
75-76	.04936	29,188	1,441	28,467	325,658	11.16
76-77	.05092	27,747	1,413	27,041	297,191	10.71
77-78	.05283	26,334	1,391	25,639	270,150	10.26
78-79	.05497	24,943	1,371	24,257	244,511	9.80
79-80	.05727	23,572	1,350	22,897	220,254	9.34
80-81	.05992	22,222	1,332	21,556	197,357	8.88
81-82	.06309	20,890	1,318	20,231	175,801	8.42
82-83	.06694	19,572	1,310	18,917	155,570	7.95
83-84	.07071	18,262	1,291	17,617	136,653	7.48
84-85	.07428	16,971	1,261	16,341	119,036	7.01
85-86	.07881	15,710	1,238	15,091	102,695	6.54
86-87	.08545	14,472	1,236	13,854	87,604	6.05
87-88	.09535	13,236	1,262	12,605	73,750	5.57
88-89	.10902	11,974	1,306	11,321	61,145	5.11
89-90	.12570	10,668	1,341	9,998	49,824	4.67
90-91	.14462	9,327	1,349	8,653	39,826	4.27
91-92	.16500	7,978	1,316	7,320	31,173	3.91
92-93	.18607	6,662	1,240	6,042	23,853	3.58
93-94	.20835	5,422	1,129	4,857	17,811	3.29
94-95	.23236	4,293	998	3,794	12,954	3.02
95-96	.25731	3,295	848	2,871	9,160	2.78
96-97	.28245	2,447	691	2,102	6,289	2.57
97-98	.30699	1,756	539	1,486	4,187	2.39
98-99	.33146	1,217	403	1,015	2,701	2.22
99-100	.35636	814	290	669	1,686	2.07
100-101	.38094	524	200	424	1,017	1.94
101-102	.40441	324	131	259	593	1.83
102-103	.42600	193	82	152	334	1.74
103-104	.44518	111	50	86	182	1.66
104-105	.46245	61	28	47	96	1.59
105-106	.47863	33	16	25	49	1.52
106-107	.49454	17	8	13	24	1.46
107-108	.51100	9	5	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00210. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.10 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,610 will complete the first year of life and enter the second; 96,408 will begin the third year; 94,684 will reach age 21; and 34,700 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,390 die in the first year of life, 202 in the second year, 199 in the twenty-second year, and 2,725 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,584. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,584 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,464,391 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,475,047.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,584 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,684 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,464,391) is the total number of years lived after attaining age 21 by the 94,684 reaching that age. This number of years divided by the number of persons (4,464,391 divided by 94,684) gives 47.15 years as the average remaining lifetime of white males at age 21.

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LIFE TABLES FOR 1949-51

South Dakota
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

South Dakota Life Tables, 1949-51.

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 68.35 years for white males and 73.63 years for white females. This State ranks first among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	West Virginia-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: SOUTH DAKOTA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02705	100,000	2,705	97,621	6,834,928	68.35
1-2	.00189	97,295	184	97,203	6,737,507	69.25
2-3	.00129	97,111	125	97,048	6,640,104	68.38
3-4	.00081	96,986	79	96,947	6,543,056	67.46
4-5	.00074	96,907	71	96,871	6,446,109	66.52
5-6	.00081	96,836	79	96,796	6,349,238	65.57
6-7	.00080	96,757	77	96,718	6,252,442	64.62
7-8	.00074	96,680	72	96,644	6,155,724	63.67
8-9	.00065	96,608	63	96,577	6,059,080	62.72
9-10	.00055	96,545	53	96,519	5,962,503	61.76
10-11	.00047	96,492	45	96,470	5,865,984	60.79
11-12	.00043	96,447	42	96,426	5,769,514	59.82
12-13	.00046	96,405	44	96,383	5,673,088	58.85
13-14	.00059	96,361	57	96,333	5,576,705	57.87
14-15	.00080	96,304	77	96,266	5,480,572	56.91
15-16	.00105	96,227	101	96,177	5,384,106	55.95
16-17	.00129	96,126	124	96,064	5,287,929	55.01
17-18	.00148	96,002	142	95,931	5,191,865	54.08
18-19	.00163	95,860	156	95,782	5,095,934	53.16
19-20	.00175	95,704	168	95,620	5,000,152	52.25
20-21	.00186	95,536	177	95,448	4,904,532	51.34
21-22	.00194	95,359	185	95,266	4,809,084	50.43
22-23	.00200	95,174	191	95,078	4,713,818	49.53
23-24	.00202	94,983	192	94,887	4,618,740	48.63
24-25	.00201	94,791	190	94,696	4,523,853	47.72
25-26	.00198	94,601	187	94,507	4,429,157	46.82
26-27	.00194	94,414	184	94,322	4,334,650	45.91
27-28	.00191	94,230	180	94,140	4,240,328	45.00
28-29	.00187	94,050	175	93,963	4,146,188	44.08
29-30	.00182	93,875	171	93,789	4,052,225	43.17
30-31	.00177	93,704	166	93,621	3,958,436	42.24
31-32	.00175	93,538	164	93,456	3,864,815	41.32
32-33	.00178	93,374	166	93,291	3,771,359	40.39
33-34	.00187	93,208	174	93,121	3,678,068	39.46
34-35	.00201	93,034	187	92,940	3,584,947	38.53
35-36	.00218	92,847	203	92,745	3,492,007	37.61
36-37	.00236	92,644	218	92,535	3,399,262	36.69
37-38	.00254	92,426	235	92,308	3,306,727	35.78
38-39	.00269	92,191	248	92,067	3,214,419	34.87
39-40	.00282	91,943	259	91,813	3,122,352	33.96
40-41	.00297	91,684	273	91,547	3,030,539	33.05
41-42	.00317	91,411	289	91,266	2,938,992	32.15
42-43	.00345	91,122	315	90,964	2,847,726	31.25
43-44	.00381	90,807	346	90,634	2,756,762	30.36
44-45	.00424	90,461	383	90,269	2,666,128	29.47
45-46	.00472	90,078	426	89,865	2,575,859	28.60
46-47	.00525	89,652	470	89,417	2,485,994	27.73
47-48	.00582	89,182	519	88,922	2,396,577	26.87
48-49	.00644	88,663	571	88,377	2,307,655	26.03
49-50	.00711	88,092	627	87,779	2,219,278	25.19
50-51	.00782	87,465	684	87,123	2,131,499	24.37
51-52	.00858	86,781	744	86,409	2,044,376	23.56
52-53	.00939	86,037	808	85,633	1,957,967	22.76
53-54	.01022	85,229	871	84,793	1,872,334	21.97
54-55	.01106	84,358	933	83,891	1,787,541	21.19

TABLE 1. LIFE TABLE FOR WHITE MALES: SOUTH DAKOTA, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.01196	83,425	998	82,926	1,703,650	20.42
56-57	.01297	82,427	1,069	81,893	1,620,724	19.66
57-58	.01412	81,358	1,149	80,784	1,538,831	18.91
58-59	.01539	80,209	1,234	79,592	1,458,047	18.18
59-60	.01676	78,975	1,324	78,313	1,378,455	17.45
60-61	.01826	77,651	1,418	76,942	1,300,142	16.74
61-62	.01992	76,233	1,518	75,474	1,223,200	16.05
62-63	.02176	74,715	1,626	73,902	1,147,726	15.36
63-64	.02375	73,089	1,736	72,221	1,073,824	14.69
64-65	.02586	71,353	1,845	70,431	1,001,603	14.04
65-66	.02817	69,508	1,958	68,529	931,172	13.40
66-67	.03073	67,550	2,076	66,512	862,643	12.77
67-68	.03362	65,474	2,201	64,373	796,131	12.16
68-69	.03679	63,273	2,328	62,109	731,758	11.57
69-70	.04019	60,945	2,449	59,720	669,649	10.99
70-71	.04390	58,496	2,568	57,212	609,929	10.43
71-72	.04799	55,928	2,684	54,586	552,717	9.88
72-73	.05254	53,244	2,798	51,845	498,131	9.36
73-74	.05744	50,446	2,897	48,998	446,286	8.85
74-75	.06265	47,549	2,979	46,059	397,288	8.36
75-76	.06832	44,570	3,045	43,047	351,229	7.88
76-77	.07459	41,525	3,098	39,976	308,182	7.42
77-78	.08161	38,427	3,136	36,859	268,206	6.98
78-79	.08892	35,291	3,138	33,722	231,347	6.56
79-80	.09643	32,153	3,100	30,603	197,625	6.15
80-81	.10482	29,053	3,046	27,530	167,022	5.75
81-82	.11478	26,007	2,985	24,515	139,492	5.36
82-83	.12699	23,022	2,923	21,560	114,977	4.99
83-84	.14339	20,099	2,882	18,658	93,417	4.65
84-85	.16352	17,217	2,816	15,809	74,759	4.34
85-86	.18449	14,401	2,656	13,073	58,950	4.09
86-87	.20338	11,745	2,389	10,550	45,877	3.91
87-88	.21729	9,356	2,033	8,339	35,327	3.78
88-89	.22387	7,323	1,639	6,503	26,988	3.69
89-90	.22439	5,684	1,276	5,046	20,485	3.60
90-91	.22506	4,408	992	3,912	15,439	3.50
91-92	.22539	3,416	770	3,031	11,527	3.37
92-93	.23158	2,646	613	2,340	8,496	3.21
93-94	.24373	2,033	495	1,786	6,156	3.03
94-95	.25949	1,538	399	1,338	4,370	2.84
95-96	.27772	1,139	317	981	3,032	2.66
96-97	.29727	822	244	700	2,051	2.50
97-98	.31700	578	183	486	1,351	2.34
98-99	.33767	395	134	328	865	2.20
99-100	.36005	261	94	214	537	2.06
100-101	.38300	167	64	135	323	1.94
101-102	.40536	103	42	82	188	1.83
102-103	.42600	61	26	48	106	1.74
103-104	.44454	35	15	27	58	1.66
104-105	.46173	20	9	15	31	1.59
105-106	.47815	11	6	8	16	1.52
106-107	.49438	5	2	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: SOUTH DAKOTA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Period of life between two exact ages stated	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.01987	100,000	1,987	98,283	7,363,091	73.63
1-2	.00183	98,013	179	97,923	7,264,808	74.12
2-3	.00095	97,834	93	97,787	7,166,885	73.26
3-4	.00073	97,741	72	97,705	7,069,098	72.32
4-5	.00044	97,669	43	97,648	6,971,393	71.38
5-6	.00044	97,626	43	97,605	6,873,745	70.41
6-7	.00044	97,583	43	97,562	6,776,140	69.44
7-8	.00043	97,540	41	97,520	6,678,578	68.47
8-9	.00041	97,499	40	97,479	6,581,058	67.50
9-10	.00040	97,459	39	97,459	6,483,579	66.53
10-11	.00039	97,420	38	97,401	6,386,140	65.55
11-12	.00039	97,382	38	97,363	6,288,739	64.58
12-13	.00041	97,344	40	97,324	6,191,376	63.60
13-14	.00046	97,304	45	97,281	6,094,052	62.63
14-15	.00052	97,259	51	97,234	5,996,771	61.66
15-16	.00060	97,208	58	97,179	5,899,537	60.69
16-17	.00067	97,150	65	97,117	5,802,358	59.73
17-18	.00073	97,085	71	97,050	5,705,241	58.77
18-19	.00077	97,014	75	96,977	5,608,191	57.81
19-20	.00081	96,939	78	96,900	5,511,214	56.85
20-21	.00083	96,861	81	96,821	5,414,314	55.90
21-22	.00085	96,780	82	96,739	5,317,493	54.94
22-23	.00086	96,698	83	96,657	5,220,754	53.99
23-24	.00085	96,615	82	96,574	5,124,097	53.04
24-25	.00082	96,533	79	96,493	5,027,523	52.08
25-26	.00078	96,454	75	96,416	4,931,030	51.12
26-27	.00076	96,379	74	96,342	4,834,614	50.16
27-28	.00076	96,305	73	96,269	4,738,272	49.20
28-29	.00080	96,232	77	96,194	4,642,003	48.24
29-30	.00086	96,155	83	96,114	4,545,809	47.28
30-31	.00094	96,072	90	96,027	4,449,695	46.32
31-32	.00102	95,982	98	95,933	4,353,668	45.36
32-33	.00110	95,884	105	95,831	4,257,735	44.41
33-34	.00117	95,779	112	95,723	4,161,904	43.45
34-35	.00123	95,667	118	95,608	4,066,181	42.50
35-36	.00130	95,549	124	95,487	3,970,573	41.56
36-37	.00138	95,425	132	95,359	3,875,086	40.61
37-38	.00150	95,293	143	95,222	3,779,727	39.66
38-39	.00166	95,150	158	95,071	3,684,505	38.72
39-40	.00185	94,992	176	94,904	3,589,434	37.79
40-41	.00206	94,816	195	94,719	3,494,530	36.86
41-42	.00227	94,621	215	94,514	3,399,811	35.93
42-43	.00247	94,406	233	94,290	3,305,297	35.01
43-44	.00265	94,173	249	94,048	3,211,007	34.10
44-45	.00281	93,924	264	93,792	3,116,959	33.19
45-46	.00298	93,660	279	93,520	3,023,167	32.28
46-47	.00317	93,381	296	93,233	2,929,647	31.37
47-48	.00342	93,085	319	92,925	2,836,414	30.47
48-49	.00372	92,766	345	92,594	2,743,489	29.57
49-50	.00406	92,421	375	92,234	2,650,895	28.68
50-51	.00443	92,046	408	91,842	2,558,661	27.80
51-52	.00484	91,638	443	91,416	2,466,819	26.92
52-53	.00528	91,195	482	90,954	2,375,403	26.05
53-54	.00573	90,713	520	90,453	2,284,449	25.18
54-55	.00619	90,193	558	89,914	2,193,996	24.33

TABLE 2. LIFE TABLE FOR WHITE FEMALES: SOUTH DAKOTA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00669	89,635	600	89,335	2,104,082	23.47
56-57	.00727	89,035	647	88,712	2,014,747	22.63
57-58	.00797	88,388	704	88,036	1,926,035	21.79
58-59	.00875	87,684	768	87,300	1,837,999	20.96
59-60	.00957	86,916	831	86,500	1,750,699	20.14
60-61	.01051	86,085	905	85,632	1,664,199	19.33
61-62	.01162	85,180	990	84,685	1,578,567	18.53
62-63	.01295	84,190	1,090	83,645	1,493,882	17.74
63-64	.01449	83,100	1,204	82,498	1,410,237	16.97
64-65	.01619	81,896	1,326	81,233	1,327,739	16.21
65-66	.01809	80,570	1,458	79,841	1,246,506	15.47
66-67	.02021	79,112	1,599	78,313	1,166,665	14.75
67-68	.02258	77,513	1,750	76,638	1,088,352	14.04
68-69	.02508	75,763	1,900	74,813	1,011,714	13.35
69-70	.02769	73,863	2,045	72,840	936,901	12.68
70-71	.03060	71,818	2,198	70,719	864,061	12.03
71-72	.03397	69,620	2,365	68,438	793,342	11.40
72-73	.03799	67,255	2,555	65,978	724,904	10.78
73-74	.04276	64,700	2,766	63,317	658,926	10.18
74-75	.04815	61,934	2,983	60,442	595,609	9.62
75-76	.05402	58,951	3,184	57,359	535,167	9.08
76-77	.06022	55,767	3,358	54,088	477,808	8.57
77-78	.06660	52,409	3,491	50,663	423,720	8.08
78-79	.07273	48,918	3,558	47,139	373,057	7.63
79-80	.07871	45,360	3,570	43,575	325,918	7.19
80-81	.08518	41,790	3,560	40,010	282,543	6.76
81-82	.09277	38,230	3,546	36,457	242,333	6.34
82-83	.10121	34,684	3,542	32,913	205,876	5.94
83-84	.11046	31,142	3,558	29,363	172,963	5.55
84-85	.12076	27,584	3,552	25,808	143,600	5.21
85-86	.13240	24,032	3,463	22,301	117,792	4.90
86-87	.14486	20,569	3,263	18,938	95,491	4.64
87-88	.15894	17,306	2,958	15,827	76,553	4.42
88-89	.17490	14,348	2,574	13,061	60,726	4.23
89-90	.18508	11,774	2,179	10,684	47,665	4.05
90-91	.19026	9,595	1,826	8,682	36,981	3.85
91-92	.19722	7,769	1,532	7,003	28,299	3.64
92-93	.20825	6,237	1,299	5,587	21,296	3.41
93-94	.22411	4,938	1,107	4,385	15,709	3.18
94-95	.24327	3,831	932	3,365	11,324	2.96
95-96	.26460	2,899	767	2,516	7,959	2.74
96-97	.28695	2,132	612	1,826	5,443	2.55
97-98	.30917	1,520	470	1,285	3,617	2.38
98-99	.33203	1,050	348	876	2,332	2.22
99-100	.35628	702	250	577	1,456	2.07
100-101	.38080	452	172	366	879	1.94
101-102	.40442	280	113	223	513	1.83
102-103	.42600	167	71	131	290	1.74
103-104	.44504	96	43	74	159	1.66
104-105	.46229	53	24	41	85	1.59
105-106	.47853	29	14	22	44	1.52
106-107	.49451	15	7	11	22	1.46
107-108	.51100	8	4	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00194. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.94 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,295 will complete the first year of life and enter the second; 97,111 will begin the third year; 95,359 will reach age 21; and 44,570 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,705 die in the first year of life, 184 in the second year, 185 in the twenty-second year, and 3,045 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,266. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,266 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,809,084 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,834,928.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,266 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,359 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,809,084) is the total number of years lived after attaining age 21 by the 95,359 reaching that age. This number of years divided by the number of persons (4,809,084 divided by 95,359) gives 50.43 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Tennessee
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Tennessee Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.18 years for white males, 71.62 years for white females, 58.85 years for nonwhite males and 61.84 years for nonwhite females. This State ranks 31st among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	45.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.5	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: TENNESSEE, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03742	100,000	3,742	96,709	6,618,442	66.18
1-2	0.0263	96,258	253	96,131	6,521,733	67.75
2-3	0.0140	96,005	135	95,938	6,425,602	66.93
3-4	0.0130	95,870	124	95,808	6,329,664	66.02
4-5	0.0097	95,746	93	95,699	6,233,856	65.11
5-6	0.0084	95,653	80	95,613	6,138,157	64.17
6-7	0.0073	95,573	70	95,538	6,042,544	63.22
7-8	0.0065	95,503	62	95,472	5,947,006	62.27
8-9	0.0059	95,441	57	95,413	5,851,534	61.31
9-10	0.0056	95,384	53	95,358	5,756,121	60.35
10-11	0.0056	95,331	53	95,304	5,660,763	59.38
11-12	0.0059	95,278	57	95,250	5,565,459	58.41
12-13	0.0065	95,221	61	95,190	5,470,209	57.45
13-14	0.0076	95,160	73	95,123	5,375,019	56.48
14-15	0.0091	95,087	86	95,044	5,279,896	55.53
15-16	0.0108	95,001	103	94,949	5,184,852	54.58
16-17	0.0125	94,898	119	94,839	5,089,903	53.64
17-18	0.0140	94,779	132	94,713	4,995,064	52.70
18-19	0.0153	94,647	145	94,574	4,900,351	51.78
19-20	0.0165	94,502	156	94,424	4,805,777	50.85
20-21	0.0176	94,346	166	94,263	4,711,353	49.94
21-22	0.0185	94,180	174	94,093	4,617,090	49.02
22-23	0.0192	94,006	181	93,915	4,522,997	48.11
23-24	0.0193	93,825	181	93,735	4,429,082	47.21
24-25	0.0194	93,644	182	93,553	4,335,347	46.30
25-26	0.0195	93,462	182	93,371	4,241,794	45.39
26-27	0.0197	93,280	184	93,188	4,148,423	44.47
27-28	0.0199	93,096	185	93,004	4,055,235	43.56
28-29	0.0206	92,911	191	92,816	3,962,231	42.65
29-30	0.0215	92,720	200	92,620	3,869,415	41.73
30-31	0.0226	92,520	209	92,416	3,776,795	40.82
31-32	0.0238	92,311	219	92,202	3,684,379	39.91
32-33	0.0251	92,092	231	91,976	3,592,177	39.01
33-34	0.0264	91,861	243	91,739	3,500,201	38.10
34-35	0.0278	91,618	255	91,491	3,408,462	37.20
35-36	0.0294	91,363	268	91,229	3,316,971	36.31
36-37	0.0312	91,095	285	90,953	3,225,742	35.41
37-38	0.0334	90,810	303	90,659	3,134,789	34.52
38-39	0.0360	90,507	326	90,344	3,044,130	33.63
39-40	0.0389	90,181	350	90,006	2,953,786	32.75
40-41	0.0421	89,831	379	89,641	2,863,780	31.88
41-42	0.0456	89,452	408	89,248	2,774,139	31.01
42-43	0.0493	89,044	439	88,825	2,684,891	30.15
43-44	0.0530	88,605	469	88,371	2,596,066	29.30
44-45	0.0567	88,136	500	87,886	2,507,695	28.45
45-46	0.0608	87,636	533	87,370	2,419,809	27.61
46-47	0.0655	87,103	570	86,818	2,332,439	26.78
47-48	0.0712	86,533	616	86,225	2,245,621	25.95
48-49	0.0779	85,917	670	85,582	2,159,396	25.13
49-50	0.0854	85,247	728	84,883	2,073,814	24.33
50-51	0.0936	84,519	791	84,124	1,988,931	23.53
51-52	0.1025	83,728	858	83,299	1,904,807	22.75
52-53	0.1119	82,870	927	82,406	1,821,508	21.98
53-54	0.1216	81,943	997	81,445	1,739,102	21.22
54-55	0.1318	80,946	1,067	80,413	1,657,657	20.48

TABLE 1. LIFE TABLE FOR WHITE MALES: TENNESSEE, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01426	79,879	1,139	79,310	1,577,244	19.75
56-57	.01544	78,740	1,215	78,132	1,497,934	19.02
57-58	.01675	77,525	1,299	76,875	1,419,802	18.31
58-59	.01820	76,226	1,387	75,532	1,342,927	17.62
59-60	.01977	74,839	1,480	74,099	1,267,395	16.93
60-61	.02145	73,359	1,573	72,572	1,193,296	16.27
61-62	.02319	71,786	1,665	70,953	1,120,724	15.61
62-63	.02498	70,121	1,752	69,245	1,049,771	14.97
63-64	.02667	68,369	1,823	67,458	980,526	14.34
64-65	.02828	66,546	1,882	65,605	913,068	13.72
65-66	.03002	64,664	1,941	63,693	847,463	13.11
66-67	.03212	62,723	2,015	61,715	783,770	12.50
67-68	.03480	60,708	2,113	59,652	722,055	11.89
68-69	.03797	58,595	2,224	57,483	662,403	11.30
69-70	.04149	56,371	2,339	55,201	604,920	10.73
70-71	.04548	54,032	2,458	52,803	549,719	10.17
71-72	.05008	51,574	2,582	50,283	496,916	9.64
72-73	.05541	48,992	2,715	47,634	446,633	9.12
73-74	.06186	46,277	2,863	44,846	398,999	8.62
74-75	.06935	43,414	3,011	41,909	354,153	8.16
75-76	.07729	40,403	3,122	38,842	312,244	7.73
76-77	.08510	37,281	3,173	35,694	273,402	7.33
77-78	.09219	34,108	3,144	32,536	237,708	6.97
78-79	.09771	30,964	3,026	29,451	205,172	6.63
79-80	.10205	27,938	2,851	26,513	175,721	6.29
80-81	.10650	25,087	2,672	23,751	149,208	5.95
81-82	.11233	22,415	2,518	21,156	125,457	5.60
82-83	.12084	19,897	2,404	18,695	104,301	5.24
83-84	.13284	17,493	2,324	16,331	85,606	4.89
84-85	.14746	15,169	2,237	14,051	69,275	4.57
85-86	.16350	12,932	2,114	11,875	55,224	4.27
86-87	.17972	10,818	1,944	9,846	43,349	4.01
87-88	.19492	8,874	1,730	8,009	33,503	3.78
88-89	.20884	7,144	1,492	6,398	25,494	3.57
89-90	.22231	5,652	1,256	5,024	19,096	3.38
90-91	.23568	4,396	1,036	3,878	14,072	3.20
91-92	.24931	3,360	838	2,941	10,194	3.03
92-93	.26359	2,522	665	2,190	7,253	2.88
93-94	.27857	1,857	517	1,599	5,063	2.73
94-95	.29401	1,340	394	1,143	3,464	2.59
95-96	.30981	946	293	799	2,321	2.45
96-97	.32587	653	213	547	1,522	2.33
97-98	.34207	440	150	365	975	2.22
98-99	.35849	290	104	238	610	2.11
99-100	.37520	186	70	151	372	2.01
100-101	.39209	116	45	93	221	1.91
101-102	.40906	71	29	56	128	1.83
102-103	.42600	42	18	33	72	1.74
103-104	.44293	24	11	19	39	1.67
104-105	.45992	13	6	10	20	1.59
105-106	.47695	7	3	5	10	1.52
106-107	.49398	4	2	3	5	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

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TABLE 2. LIFE TABLE FOR WHITE FEMALES: TENNESSEE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03124	100,000	3,124	97,300	7,161,604	71.62
1-2	.00224	96,876	217	96,767	7,064,304	72.92
2-3	.00138	96,659	133	96,592	6,967,537	72.08
3-4	.00110	96,526	107	96,473	6,870,945	71.18
4-5	.00086	96,419	82	96,378	6,774,472	70.26
5-6	.00070	96,337	68	96,303	6,678,094	69.32
6-7	.00058	96,269	56	96,241	6,581,791	68.37
7-8	.00051	96,213	49	96,189	6,485,550	67.41
8-9	.00047	96,164	45	96,142	6,389,361	66.44
9-10	.00045	96,119	43	96,097	6,293,219	65.47
10-11	.00046	96,076	44	96,054	6,197,122	64.50
11-12	.00048	96,032	47	96,008	6,101,068	63.53
12-13	.00050	95,985	48	95,961	6,005,060	62.56
13-14	.00054	95,937	51	95,912	5,909,099	61.59
14-15	.00059	95,886	57	95,857	5,813,187	60.63
15-16	.00065	95,829	62	95,798	5,717,330	59.66
16-17	.00071	95,767	68	95,733	5,621,532	58.70
17-18	.00076	95,699	73	95,662	5,525,799	57.74
18-19	.00079	95,626	76	95,588	5,430,137	56.79
19-20	.00081	95,550	77	95,512	5,334,549	55.83
20-21	.00083	95,473	79	95,433	5,239,037	54.87
21-22	.00085	95,394	81	95,353	5,143,604	53.92
22-23	.00087	95,313	83	95,271	5,048,251	52.96
23-24	.00090	95,230	86	95,187	4,952,980	52.01
24-25	.00092	95,144	87	95,100	4,857,793	51.06
25-26	.00095	95,057	91	95,011	4,762,693	50.10
26-27	.00099	94,966	94	94,919	4,667,682	49.15
27-28	.00105	94,872	99	94,822	4,572,763	48.20
28-29	.00113	94,773	107	94,719	4,477,941	47.25
29-30	.00122	94,666	116	94,608	4,383,222	46.30
30-31	.00133	94,550	126	94,487	4,288,614	45.36
31-32	.00144	94,424	136	94,356	4,194,127	44.42
32-33	.00154	94,288	145	94,216	4,099,771	43.48
33-34	.00163	94,143	153	94,066	4,005,555	42.55
34-35	.00171	93,990	161	93,909	3,911,489	41.62
35-36	.00180	93,829	169	93,745	3,817,580	40.69
36-37	.00190	93,660	178	93,571	3,723,835	39.76
37-38	.00201	93,482	188	93,388	3,630,264	38.83
38-39	.00214	93,294	199	93,194	3,536,876	37.91
39-40	.00228	93,095	213	92,988	3,443,682	36.99
40-41	.00244	92,882	226	92,769	3,350,694	36.07
41-42	.00261	92,656	242	92,535	3,257,925	35.16
42-43	.00281	92,414	260	92,284	3,165,390	34.25
43-44	.00303	92,154	279	92,015	3,073,106	33.35
44-45	.00327	91,875	300	91,725	2,981,091	32.45
45-46	.00354	91,575	325	91,412	2,889,366	31.55
46-47	.00382	91,250	348	91,076	2,797,954	30.66
47-48	.00413	90,902	376	90,714	2,706,878	29.78
48-49	.00446	90,526	403	90,324	2,616,164	28.90
49-50	.00480	90,123	433	89,906	2,525,840	28.03
50-51	.00517	89,690	464	89,458	2,435,934	27.16
51-52	.00557	89,226	497	88,978	2,346,476	26.30
52-53	.00603	88,729	535	88,462	2,257,498	25.44
53-54	.00652	88,194	575	87,907	2,169,036	24.59
54-55	.00704	87,619	617	87,311	2,081,129	23.75

TABLE 2. LIFE TABLE FOR WHITE FEMALES: TENNESSEE, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00761	87,002	662	86,671	1,993,818	22.92
56-57	.00826	86,340	713	85,984	1,907,147	22.09
57-58	.00900	85,627	770	85,242	1,821,163	21.27
58-59	.00981	84,857	833	84,440	1,735,921	20.46
59-60	.01068	84,024	897	83,575	1,651,481	19.65
60-61	.01164	83,127	968	82,643	1,567,906	18.86
61-62	.01274	82,159	1,047	81,636	1,485,263	18.08
62-63	.01400	81,112	1,135	80,545	1,403,627	17.30
63-64	.01535	79,977	1,228	79,363	1,323,082	16.54
64-65	.01676	78,749	1,320	78,089	1,243,719	15.79
65-66	.01835	77,429	1,420	76,719	1,165,630	15.05
66-67	.02026	76,009	1,540	75,239	1,088,911	14.33
67-68	.02260	74,469	1,683	73,627	1,013,672	13.61
68-69	.02531	72,786	1,843	71,864	940,045	12.92
69-70	.02831	70,943	2,008	69,939	868,181	12.24
70-71	.03169	68,935	2,185	67,843	798,242	11.58
71-72	.03557	66,750	2,374	65,563	730,399	10.94
72-73	.04004	64,376	2,577	63,087	664,836	10.33
73-74	.04511	61,799	2,788	60,405	601,749	9.74
74-75	.05072	59,011	2,993	57,514	541,344	9.17
75-76	.05684	56,018	3,184	54,426	483,830	8.64
76-77	.06349	52,834	3,355	51,156	429,404	8.13
77-78	.07066	49,479	3,496	47,731	378,248	7.64
78-79	.07829	45,983	3,600	44,183	330,517	7.19
79-80	.08638	42,383	3,661	40,553	286,334	6.76
80-81	.09503	38,722	3,680	36,882	245,781	6.35
81-82	.10429	35,042	3,654	33,215	208,899	5.96
82-83	.11427	31,388	3,587	29,594	175,684	5.60
83-84	.12504	27,801	3,476	26,063	146,090	5.25
84-85	.13656	24,325	3,322	22,664	120,027	4.93
85-86	.14868	21,003	3,123	19,442	97,363	4.64
86-87	.16128	17,880	2,883	16,438	77,921	4.36
87-88	.17422	14,997	2,613	13,690	61,483	4.10
88-89	.18740	12,384	2,321	11,223	47,793	3.86
89-90	.20090	10,063	2,022	9,052	36,570	3.63
90-91	.21489	8,041	1,728	7,177	27,518	3.42
91-92	.22952	6,313	1,449	5,589	20,341	3.22
92-93	.24495	4,864	1,191	4,269	14,752	3.03
93-94	.26139	3,673	960	3,193	10,483	2.85
94-95	.27872	2,713	756	2,335	7,290	2.69
95-96	.29665	1,957	581	1,666	4,955	2.53
96-97	.31488	1,376	433	1,160	3,289	2.39
97-98	.33309	943	314	786	2,129	2.26
98-99	.35149	629	221	518	1,343	2.14
99-100	.37029	408	151	332	825	2.03
100-101	.38918	257	100	207	493	1.92
101-102	.40785	157	64	125	286	1.83
102-103	.42600	93	40	73	161	1.74
103-104	.44351	53	23	41	88	1.66
104-105	.46057	30	14	23	47	1.59
105-106	.47738	16	8	12	24	1.52
106-107	.49413	8	4	6	12	1.46
107-108	.51100	4	2	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: TENNESSEE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.05437	100,000	5,437	95,469	5,884,750	58.85
1-2	0.00410	94,563	388	94,369	5,789,281	61.22
2-3	0.00281	94,175	264	94,043	5,694,912	60.47
3-4	0.00163	93,911	153	93,834	5,600,869	59.64
4-5	0.00097	93,758	91	93,712	5,507,035	58.74
5-6	0.00096	93,667	90	93,622	5,413,523	57.79
6-7	0.00095	93,577	89	93,532	5,319,701	56.85
7-8	0.00094	93,488	88	93,444	5,226,169	55.90
8-9	0.00085	93,400	79	93,360	5,132,725	54.95
9-10	0.00077	93,321	72	93,285	5,039,565	54.00
10-11	0.00072	93,249	67	93,215	4,946,080	53.04
11-12	0.00072	93,182	68	93,148	4,852,865	52.08
12-13	0.00080	93,114	74	93,077	4,759,717	51.12
13-14	0.00099	93,040	92	92,994	4,666,640	50.16
14-15	0.00126	92,948	117	92,889	4,573,646	49.21
15-16	0.00159	92,831	148	92,757	4,480,757	48.27
16-17	0.00193	92,683	179	92,594	4,388,000	47.34
17-18	0.00224	92,504	207	92,401	4,295,406	46.43
18-19	0.00254	92,297	234	92,180	4,203,005	45.54
19-20	0.00286	92,063	264	91,931	4,110,825	44.65
20-21	0.00316	91,799	290	91,654	4,018,894	43.78
21-22	0.00345	91,509	315	91,351	3,927,240	42.92
22-23	0.00368	91,194	336	91,026	3,835,889	42.06
23-24	0.00385	90,858	350	90,683	3,744,863	41.22
24-25	0.00396	90,508	358	90,329	3,654,180	40.37
25-26	0.00404	90,150	364	89,968	3,563,851	39.53
26-27	0.00414	89,786	372	89,600	3,473,883	38.69
27-28	0.00429	89,414	384	89,222	3,384,283	37.85
28-29	0.00448	89,030	399	88,831	3,295,061	37.01
29-30	0.00468	88,631	414	88,424	3,206,230	36.18
30-31	0.00491	88,217	434	88,000	3,117,806	35.34
31-32	0.00517	87,783	453	87,557	3,029,806	34.51
32-33	0.00547	87,330	478	87,091	2,942,249	33.69
33-34	0.00581	86,852	505	86,600	2,855,158	32.87
34-35	0.00619	86,347	534	86,080	2,768,558	32.06
35-36	0.00660	85,813	567	85,530	2,682,478	31.26
36-37	0.00704	85,246	600	84,946	2,596,948	30.46
37-38	0.00751	84,646	635	84,328	2,512,002	29.68
38-39	0.00799	84,011	672	83,675	2,427,674	28.90
39-40	0.00847	83,339	706	82,986	2,343,999	28.13
40-41	0.00900	82,633	743	82,262	2,261,013	27.36
41-42	0.00960	81,890	786	81,497	2,178,751	26.61
42-43	0.01031	81,104	837	80,686	2,097,254	25.86
43-44	0.01115	80,267	895	79,820	2,016,568	25.12
44-45	0.01208	79,372	958	78,893	1,936,748	24.40
45-46	0.01310	78,414	1,028	77,900	1,857,855	23.69
46-47	0.01417	77,386	1,096	76,838	1,779,955	23.00
47-48	0.01527	76,290	1,165	75,707	1,703,117	22.32
48-49	0.01638	75,125	1,231	74,510	1,627,410	21.66
49-50	0.01752	73,894	1,294	73,247	1,552,900	21.02
50-51	0.01872	72,600	1,359	71,920	1,479,653	20.38
51-52	0.02000	71,241	1,425	70,528	1,407,733	19.76
52-53	0.02139	69,816	1,493	69,069	1,337,205	19.15
53-54	0.02291	68,323	1,566	67,540	1,268,136	18.56
54-55	0.02455	66,757	1,639	65,938	1,200,596	17.98

TABLE 3. LIFE TABLE FOR NONWHITE MALES: TENNESSEE, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02627	65,118	1,710	64,263	1,134,658	17.42
56-57	.02804	63,408	1,778	62,519	1,070,395	16.88
57-58	.02985	61,630	1,840	60,710	1,007,876	16.35
58-59	.03166	59,790	1,893	58,844	947,166	15.84
59-60	.03351	57,897	1,940	56,927	888,322	15.34
60-61	.03540	55,957	1,981	54,967	831,395	14.86
61-62	.03740	53,976	2,019	52,967	776,428	14.38
62-63	.03951	51,957	2,052	50,931	723,461	13.92
63-64	.04176	49,905	2,084	48,863	672,530	13.48
64-65	.04412	47,821	2,110	46,766	623,667	13.04
65-66	.04658	45,711	2,129	44,646	576,901	12.62
66-67	.04912	43,582	2,141	42,511	532,255	12.21
67-68	.05172	41,441	2,144	40,369	489,744	11.82
68-69	.05435	39,297	2,135	38,230	449,375	11.44
69-70	.05701	37,162	2,119	36,102	411,145	11.06
70-71	.05976	35,043	2,094	33,996	375,043	10.70
71-72	.06267	32,949	2,065	31,916	341,047	10.35
72-73	.06580	30,884	2,032	29,868	309,131	10.01
73-74	.06939	28,852	2,002	27,851	279,263	9.68
74-75	.07340	26,850	1,971	25,864	251,412	9.36
75-76	.07747	24,879	1,927	23,915	225,548	9.07
76-77	.08121	22,952	1,864	22,020	201,633	8.78
77-78	.08425	21,088	1,777	20,199	179,613	8.52
78-79	.08618	19,311	1,664	18,479	159,414	8.26
79-80	.08723	17,647	1,539	16,877	140,935	7.99
80-81	.08805	16,108	1,419	15,398	124,058	7.70
81-82	.08926	14,689	1,311	14,034	108,660	7.40
82-83	.09148	13,378	1,224	12,766	94,626	7.07
83-84	.09397	12,154	1,142	11,583	81,860	6.73
84-85	.09632	11,012	1,061	10,482	70,277	6.38
85-86	.09963	9,951	991	9,456	59,795	6.01
86-87	.10503	8,960	941	8,489	50,339	5.62
87-88	.11361	8,019	911	7,563	41,850	5.22
88-89	.12587	7,108	895	6,661	34,287	4.82
89-90	.14106	6,213	876	5,775	27,626	4.45
90-91	.15846	5,337	846	4,914	21,851	4.09
91-92	.17734	4,491	796	4,093	16,937	3.77
92-93	.19697	3,695	728	3,331	12,844	3.48
93-94	.21783	2,967	646	2,644	9,513	3.21
94-95	.24042	2,321	558	2,042	6,869	2.96
95-96	.26399	1,763	466	1,530	4,827	2.74
96-97	.28783	1,297	373	1,111	3,297	2.54
97-98	.31121	924	288	780	2,186	2.36
98-99	.33461	636	213	530	1,406	2.21
99-100	.35852	423	151	348	876	2.07
100-101	.38220	272	104	220	528	1.94
101-102	.40494	168	68	134	308	1.83
102-103	.42600	100	43	79	174	1.74
103-104	.44491	57	25	45	95	1.66
104-105	.46214	32	15	24	50	1.59
105-106	.47843	17	8	13	26	1.52
106-107	.49448	9	4	7	13	1.46
107-108	.51100	5	3	3	6	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: TENNESSEE, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	.004064	100,000	4,064	96,648	6,184,366	61.84
1-2	.00364	95,936	349	95,761	6,087,718	63.46
2-3	.00175	95,587	167	95,503	5,991,957	62.69
3-4	.00144	95,420	138	95,351	5,896,454	61.79
4-5	.00086	95,282	82	95,241	5,801,103	60.88
5-6	.00079	95,200	75	95,163	5,705,862	59.94
6-7	.00072	95,125	69	95,091	5,610,699	58.98
7-8	.00066	95,056	62	95,025	5,515,608	58.02
8-9	.00061	94,994	58	94,965	5,420,583	57.06
9-10	.00058	94,936	55	94,908	5,325,618	56.10
10-11	.00059	94,881	56	94,853	5,230,710	55.13
11-12	.00063	94,825	60	94,795	5,135,857	54.16
12-13	.00073	94,765	69	94,730	5,041,062	53.20
13-14	.00090	94,696	85	94,653	4,946,332	52.23
14-15	.00113	94,611	107	94,557	4,851,679	51.28
15-16	.00140	94,504	133	94,438	4,757,122	50.34
16-17	.00167	94,371	157	94,293	4,662,684	49.41
17-18	.00190	94,214	179	94,124	4,568,391	48.49
18-19	.00209	94,035	197	93,937	4,474,267	47.58
19-20	.00226	93,838	212	93,732	4,380,330	46.68
20-21	.00243	93,626	227	93,512	4,286,598	45.78
21-22	.00260	93,399	243	93,277	4,193,086	44.89
22-23	.00279	93,156	260	93,026	4,099,809	44.01
23-24	.00301	92,896	280	92,756	4,006,783	43.13
24-25	.00325	92,616	301	92,466	3,914,027	42.26
25-26	.00349	92,315	322	92,154	3,821,561	41.40
26-27	.00373	91,993	343	91,822	3,729,407	40.54
27-28	.00394	91,650	361	91,469	3,637,585	39.69
28-29	.00411	91,289	375	91,101	3,546,116	38.84
29-30	.00423	90,914	385	90,721	3,455,015	38.00
30-31	.00436	90,529	395	90,332	3,364,294	37.16
31-32	.00452	90,134	407	89,931	3,273,962	36.32
32-33	.00474	89,727	425	89,514	3,184,031	35.49
33-34	.00503	89,302	449	89,077	3,094,517	34.65
34-35	.00536	88,853	477	88,614	3,005,440	33.82
35-36	.00573	88,376	506	88,123	2,916,826	33.00
36-37	.00615	87,870	541	87,600	2,828,703	32.19
37-38	.00661	87,329	577	87,041	2,741,103	31.39
38-39	.00711	86,752	617	86,444	2,654,062	30.59
39-40	.00765	86,135	659	85,806	2,567,618	29.81
40-41	.00823	85,476	703	85,125	2,481,812	29.04
41-42	.00888	84,773	753	84,397	2,396,687	28.27
42-43	.00960	84,020	806	83,617	2,312,290	27.52
43-44	.01042	83,214	867	82,780	2,228,673	26.78
44-45	.01132	82,347	933	81,880	2,145,893	26.06
45-46	.01228	81,414	999	80,914	2,064,013	25.35
46-47	.01327	80,415	1,067	79,881	1,983,099	24.66
47-48	.01426	79,348	1,132	78,782	1,903,218	23.99
48-49	.01524	78,216	1,192	77,620	1,824,436	23.33
49-50	.01622	77,024	1,249	76,399	1,746,816	22.68
50-51	.01723	75,775	1,306	75,122	1,670,417	22.04
51-52	.01830	74,469	1,363	73,788	1,595,295	21.42
52-53	.01947	73,106	1,423	72,395	1,521,507	20.81
53-54	.02075	71,683	1,488	70,939	1,449,112	20.22
54-55	.02212	70,195	1,552	69,419	1,378,173	19.63

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: TENNESSEE, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.02355	68,643	1,617	67,834	1,308,754	19.07
56-57	.02502	67,026	1,677	66,188	1,240,920	18.51
57-58	.02648	65,349	1,730	64,484	1,174,732	17.98
58-59	.02793	63,619	1,777	62,730	1,110,248	17.45
59-60	.02937	61,842	1,816	60,934	1,047,518	16.94
60-61	.03085	60,026	1,852	59,100	986,584	16.44
61-62	.03238	58,174	1,884	57,232	927,484	15.94
62-63	.03400	56,290	1,914	55,333	870,252	15.46
63-64	.03569	54,376	1,940	53,406	814,919	14.99
64-65	.03743	52,436	1,963	51,454	761,513	14.52
65-66	.03925	50,473	1,981	49,482	710,059	14.07
66-67	.04115	48,492	1,996	47,494	660,577	13.62
67-68	.04316	46,496	2,006	45,493	613,083	13.19
68-69	.04524	44,490	2,013	43,483	567,590	12.76
69-70	.04738	42,477	2,013	41,471	524,107	12.34
70-71	.04963	40,464	2,008	39,460	482,636	11.93
71-72	.05205	38,456	2,002	37,455	443,176	11.52
72-73	.05468	36,454	1,993	35,458	405,721	11.13
73-74	.05777	34,461	1,991	33,466	370,263	10.74
74-75	.06128	32,470	1,989	31,475	336,797	10.37
75-76	.06486	30,481	1,977	29,492	305,322	10.02
76-77	.06813	28,504	1,942	27,533	275,830	9.68
77-78	.07073	26,562	1,879	25,622	248,297	9.35
78-79	.07181	24,683	1,773	23,797	222,675	9.02
79-80	.07289	22,910	1,669	22,075	198,878	8.68
80-81	.07397	21,241	1,572	20,455	176,803	8.32
81-82	.07505	19,669	1,476	18,931	156,348	7.95
82-83	.07614	18,193	1,385	17,501	137,417	7.55
83-84	.07939	16,808	1,334	16,141	119,916	7.13
84-85	.08296	15,474	1,284	14,832	103,775	6.71
85-86	.08775	14,190	1,245	13,567	88,943	6.27
86-87	.09463	12,945	1,225	12,332	75,376	5.82
87-88	.10448	11,720	1,225	11,108	63,044	5.38
88-89	.11779	10,495	1,236	9,877	51,936	4.95
89-90	.13396	9,259	1,240	8,639	42,059	4.54
90-91	.15228	8,019	1,221	7,408	33,420	4.17
91-92	.17202	6,798	1,170	6,213	26,012	3.83
92-93	.19244	5,628	1,083	5,087	19,799	3.52
93-94	.21403	4,545	973	4,059	14,712	3.24
94-95	.23728	3,572	847	3,149	10,653	2.98
95-96	.26147	2,725	713	2,369	7,504	2.75
96-97	.28585	2,012	575	1,725	5,135	2.55
97-98	.30971	1,437	445	1,215	3,410	2.37
98-99	.33353	992	331	827	2,195	2.21
99-100	.35780	661	236	543	1,368	2.07
100-101	.38178	425	163	344	825	1.94
101-102	.40476	262	106	209	481	1.83
102-103	.42600	156	66	123	272	1.74
103-104	.44500	90	40	70	149	1.66
104-105	.46225	50	23	38	79	1.59
105-106	.47850	27	13	20	41	1.52
106-107	.49450	14	7	11	21	1.46
107-108	.51100	7	4	5	10	1.40
108-109	.52810	3	1	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00185. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.85 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,258 will complete the first year of life and enter the second; 96,005 will begin the third year; 94,180 will reach age 21; and 40,403 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,742 die in the first year of life, 253 in the second year, 174 in the twenty-second year, and 3,122 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (l_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a "stationary population"—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, l_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,093. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,093 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,617,090 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,618,442.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,093 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,180 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,617,090) is the total number of years lived after attaining age 21 by the 94,180 reaching that age. This number of years divided by the number of persons (4,617,090 divided by 94,180) gives 49.02 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Texas

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Texas Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.44 years for white males, 72.09 years for white females, 59.66 years for nonwhite males, and 63.59 years for nonwhite females. This State ranks 43d among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: TEXAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.04245	100,000	4,245	96,267	6,543,973	65.44
1-2	.00398	95,755	381	95,564	6,447,706	67.34
2-3	.00194	95,374	185	95,281	6,352,142	66.60
3-4	.00136	95,189	130	95,124	6,256,861	65.73
4-5	.00110	95,059	104	95,007	6,161,737	64.82
5-6	.00099	94,955	94	94,908	6,066,730	63.89
6-7	.00089	94,861	85	94,819	5,971,822	62.95
7-8	.00081	94,776	76	94,738	5,877,003	62.01
8-9	.00075	94,700	71	94,664	5,782,265	61.06
9-10	.00070	94,629	67	94,596	5,687,601	60.10
10-11	.00069	94,562	65	94,530	5,593,005	59.15
11-12	.00071	94,497	67	94,464	5,498,475	58.19
12-13	.00077	94,430	73	94,394	5,404,011	57.23
13-14	.00088	94,357	83	94,316	5,309,617	56.27
14-15	.00104	94,274	98	94,225	5,215,301	55.32
15-16	.00123	94,176	116	94,118	5,121,076	54.38
16-17	.00142	94,060	133	93,994	5,026,958	53.44
17-18	.00159	93,927	149	93,852	4,932,964	52.52
18-19	.00176	93,778	166	93,695	4,839,112	51.60
19-20	.00193	93,612	180	93,522	4,745,417	50.69
20-21	.00210	93,432	196	93,334	4,651,895	49.79
21-22	.00225	93,236	210	93,131	4,558,561	48.89
22-23	.00235	93,026	219	92,916	4,465,430	48.00
23-24	.00240	92,807	223	92,696	4,372,514	47.11
24-25	.00241	92,584	223	92,473	4,279,818	46.23
25-26	.00239	92,361	220	92,251	4,187,345	45.34
26-27	.00237	92,141	219	92,031	4,095,094	44.44
27-28	.00237	91,922	218	91,813	4,003,063	43.55
28-29	.00237	91,704	217	91,596	3,911,250	42.65
29-30	.00237	91,487	217	91,379	3,819,654	41.75
30-31	.00238	91,270	217	91,162	3,728,275	40.85
31-32	.00241	91,053	219	90,943	3,637,113	39.95
32-33	.00247	90,834	225	90,721	3,546,170	39.04
33-34	.00256	90,609	232	90,493	3,455,449	38.14
34-35	.00268	90,377	242	90,256	3,364,956	37.23
35-36	.00282	90,135	254	90,008	3,274,700	36.33
36-37	.00299	89,881	269	89,746	3,184,692	35.43
37-38	.00320	89,612	287	89,469	3,094,946	34.54
38-39	.00344	89,325	307	89,172	3,005,477	33.65
39-40	.00372	89,018	331	88,852	2,916,305	32.76
40-41	.00403	88,687	358	88,508	2,827,453	31.88
41-42	.00438	88,329	386	88,136	2,738,945	31.01
42-43	.00477	87,943	420	87,733	2,650,809	30.14
43-44	.00520	87,523	455	87,296	2,563,076	29.28
44-45	.00566	87,068	493	86,822	2,475,780	28.44
45-46	.00617	86,575	534	86,308	2,388,958	27.59
46-47	.00672	86,041	578	85,752	2,302,650	26.76
47-48	.00734	85,463	627	85,149	2,216,898	25.94
48-49	.00800	84,836	679	84,496	2,131,749	25.13
49-50	.00870	84,157	732	83,791	2,047,253	24.33
50-51	.00945	83,425 ³	789	83,030	1,963,462	23.54
51-52	.01030	82,636	851	82,211	1,880,432	22.76
52-53	.01126	81,785	921	81,325	1,798,221	21.99
53-54	.01234	80,864	998	80,365	1,716,896	21.23
54-55	.01353	79,866	1,080	79,326	1,636,531	20.49

TABLE 1. LIFE TABLE FOR WHITE MALES: TEXAS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01481	78,786	1,167	78,202	1,557,205	19.76
56-57	.01616	77,619	1,254	76,992	1,479,003	19.05
57-58	.01758	76,365	1,343	75,693	1,402,011	18.36
58-59	.01904	75,022	1,428	74,308	1,326,318	17.68
59-60	.02054	73,594	1,512	72,838	1,252,010	17.01
60-61	.02213	72,082	1,595	71,285	1,179,172	16.36
61-62	.02382	70,487	1,679	69,647	1,107,887	15.72
62-63	.02566	68,808	1,766	67,925	1,038,240	15.09
63-64	.02757	67,042	1,848	66,118	970,315	14.47
64-65	.02954	65,194	1,926	64,231	904,197	13.87
65-66	.03166	63,268	2,003	62,267	839,966	13.28
66-67	.03403	61,265	2,085	60,223	777,699	12.69
67-68	.03676	59,190	2,175	58,092	717,476	12.12
68-69	.03982	57,005	2,270	55,870	659,384	11.57
69-70	.04313	54,735	2,361	53,554	603,514	11.03
70-71	.04675	52,374	2,448	51,150	549,960	10.50
71-72	.05072	49,926	2,533	48,660	498,810	9.99
72-73	.05507	47,393	2,610	46,088	450,150	9.50
73-74	.05977	44,783	2,676	43,445	404,062	9.02
74-75	.06478	42,107	2,728	40,743	360,617	8.56
75-76	.07018	39,379	2,764	37,997	319,874	8.12
76-77	.07602	36,615	2,783	35,224	281,877	7.70
77-78	.08237	33,832	2,787	32,439	246,653	7.29
78-79	.08916	31,045	2,768	29,661	214,214	6.90
79-80	.09634	28,277	2,724	26,915	184,553	6.53
80-81	.10402	25,553	2,658	24,224	157,638	6.17
81-82	.11233	22,895	2,572	21,609	133,414	5.83
82-83	.12136	20,323	2,466	19,090	111,805	5.50
83-84	.13133	17,857	2,345	16,684	92,715	5.19
84-85	.14215	15,512	2,205	14,409	76,031	4.90
85-86	.15353	13,307	2,043	12,285	61,622	4.63
86-87	.16515	11,264	1,861	10,334	49,337	4.38
87-88	.17671	9,403	1,661	8,573	39,003	4.15
88-89	.18775	7,742	1,454	7,015	30,430	3.93
89-90	.19848	6,288	1,248	5,664	23,415	3.72
90-91	.20957	5,040	1,056	4,512	17,751	3.52
91-92	.22172	3,984	883	3,542	13,239	3.32
92-93	.23560	3,101	731	2,735	9,697	3.13
93-94	.25159	2,370	596	2,072	6,962	2.94
94-95	.26922	1,774	478	1,535	4,890	2.76
95-96	.28795	1,296	373	1,110	3,355	2.59
96-97	.30721	923	284	781	2,245	2.43
97-98	.32645	639	208	535	1,464	2.29
98-99	.34604	431	149	356	929	2.16
99-100	.36634	282	104	230	573	2.04
100-101	.38681	178	69	144	343	1.93
101-102	.40688	109	44	87	199	1.83
102-103	.42600	65	28	51	112	1.74
103-104	.44393	37	16	29	61	1.66
104-105	.46105	21	10	16	32	1.59
105-106	.47770	11	5	8	16	1.52
106-107	.49423	6	3	4	8	1.46
107-108	.51100	3	2	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: TEXAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.03434	100,000	3,434	97,033	7,209,148	72.09
1-2	.00393	96,566	380	96,376	7,112,115	73.65
2-3	.00177	96,186	170	96,101	7,015,739	72.94
3-4	.00121	96,016	116	95,958	6,919,638	72.07
4-5	.00096	95,900	92	95,854	6,823,680	71.15
5-6	.00074	95,808	71	95,773	6,727,826	70.22
6-7	.00059	95,737	56	95,709	6,632,053	69.27
7-8	.00050	95,681	48	95,657	6,536,344	68.31
8-9	.00045	95,633	43	95,611	6,440,687	67.35
9-10	.00044	95,590	42	95,569	6,345,076	66.38
10-11	.00046	95,548	44	95,526	6,249,507	65.41
11-12	.00049	95,504	47	95,480	6,153,981	64.44
12-13	.00053	95,457	51	95,432	6,058,501	63.47
13-14	.00059	95,406	56	95,378	5,963,069	62.50
14-15	.00067	95,350	64	95,318	5,867,691	61.54
15-16	.00076	95,286	72	95,250	5,772,373	60.58
16-17	.00085	95,214	81	95,173	5,677,123	59.62
17-18	.00092	95,133	88	95,089	5,581,950	58.68
18-19	.00098	95,045	93	94,999	5,486,861	57.73
19-20	.00103	94,952	98	94,903	5,391,862	56.79
20-21	.00107	94,854	101	94,804	5,296,959	55.84
21-22	.00111	94,753	105	94,700	5,202,155	54.90
22-23	.00115	94,648	109	94,593	5,107,455	53.96
23-24	.00119	94,539	113	94,483	5,012,862	53.02
24-25	.00122	94,426	115	94,369	4,918,379	52.09
25-26	.00126	94,311	119	94,252	4,824,010	51.15
26-27	.00129	94,192	121	94,132	4,729,758	50.21
27-28	.00133	94,071	125	94,008	4,635,626	49.28
28-29	.00137	93,946	129	93,881	4,541,618	48.34
29-30	.00141	93,817	132	93,751	4,447,737	47.41
30-31	.00145	93,685	136	93,617	4,353,986	46.47
31-32	.00149	93,549	140	93,479	4,260,369	45.54
32-33	.00155	93,409	144	93,337	4,166,890	44.61
33-34	.00162	93,265	151	93,189	4,073,553	43.68
34-35	.00169	93,114	158	93,035	3,980,364	42.75
35-36	.00177	92,956	164	92,874	3,887,329	41.82
36-37	.00186	92,792	173	92,705	3,794,455	40.89
37-38	.00197	92,619	182	92,528	3,701,750	39.97
38-39	.00209	92,437	194	92,340	3,609,222	39.05
39-40	.00222	92,243	204	92,141	3,516,882	38.13
40-41	.00236	92,039	218	91,930	3,424,741	37.21
41-42	.00253	91,821	232	91,705	3,332,811	36.30
42-43	.00272	91,589	249	91,465	3,241,106	35.39
43-44	.00294	91,340	269	91,206	3,149,641	34.48
44-45	.00319	91,071	290	90,926	3,058,435	33.58
45-46	.00345	90,781	313	90,624	2,967,509	32.69
46-47	.00373	90,468	338	90,299	2,876,885	31.80
47-48	.00402	90,130	362	89,949	2,786,586	30.92
48-49	.00430	89,768	386	89,575	2,696,637	30.04
49-50	.00459	89,382	410	89,177	2,607,062	29.17
50-51	.00489	88,972	435	88,754	2,517,885	28.30
51-52	.00523	88,537	463	88,305	2,429,131	27.44
52-53	.00562	88,074	495	87,826	2,340,826	26.58
53-54	.00605	87,579	530	87,314	2,253,000	25.73
54-55	.00650	87,049	566	86,766	2,165,686	24.88

TABLE 2. LIFE TABLE FOR WHITE FEMALES: TEXAS, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00700	86,483	605	86,180	2,078,920	24.04
56-57	.00758	85,878	651	85,552	1,992,740	23.20
57-58	.00824	85,227	703	84,876	1,907,188	22.38
58-59	.00897	84,524	758	84,145	1,822,312	21.56
59-60	.00976	83,766	817	83,357	1,738,167	20.75
60-61	.01063	82,949	882	82,508	1,654,810	19.95
61-62	.01163	82,067	955	81,590	1,572,302	19.16
62-63	.01279	81,112	1,037	80,594	1,490,712	18.38
63-64	.01405	80,075	1,125	79,513	1,410,118	17.61
64-65	.01539	78,950	1,215	78,342	1,330,605	16.85
65-66	.01690	77,735	1,314	77,078	1,252,263	16.11
66-67	.01865	76,421	1,425	75,709	1,175,185	15.38
67-68	.02074	74,996	1,555	74,218	1,099,476	14.66
68-69	.02314	73,441	1,700	72,591	1,025,258	13.96
69-70	.02581	71,741	1,852	70,815	952,667	13.28
70-71	.02876	69,889	2,010	68,884	881,852	12.62
71-72	.03203	67,879	2,174	66,792	812,968	11.98
72-73	.03563	65,705	2,341	64,535	746,176	11.36
73-74	.03947	63,364	2,501	62,114	681,641	10.76
74-75	.04353	60,863	2,649	59,539	619,527	10.18
75-76	.04796	58,214	2,792	56,818	559,988	9.62
76-77	.05293	55,422	2,934	53,955	503,170	9.08
77-78	.05858	52,488	3,074	50,951	449,215	8.56
78-79	.06493	49,414	3,209	47,809	398,264	8.06
79-80	.07187	46,205	3,321	44,545	350,455	7.58
80-81	.07939	42,884	3,404	41,182	305,910	7.13
81-82	.08748	39,480	3,454	37,753	264,728	6.71
82-83	.09612	36,026	3,463	34,295	226,975	6.30
83-84	.10518	32,563	3,425	30,851	192,680	5.92
84-85	.11468	29,138	3,341	27,468	161,829	5.55
85-86	.12480	25,797	3,220	24,187	134,361	5.21
86-87	.13573	22,577	3,064	21,045	110,174	4.88
87-88	.14767	19,513	2,882	18,072	89,129	4.57
88-89	.16052	16,631	2,669	15,297	71,057	4.27
89-90	.17417	13,962	2,432	12,746	55,760	3.99
90-91	.18873	11,530	2,176	10,442	43,014	3.73
91-92	.20434	9,354	1,911	8,398	32,572	3.48
92-93	.22111	7,443	1,646	6,620	24,174	3.25
93-94	.23942	5,797	1,388	5,103	17,554	3.03
94-95	.25918	4,409	1,143	3,838	12,451	2.82
95-96	.27984	3,266	914	2,809	8,613	2.64
96-97	.30085	2,352	707	1,998	5,804	2.47
97-98	.32163	1,645	529	1,380	3,806	2.31
98-99	.34257	1,116	383	925	2,426	2.17
99-100	.36403	733	267	600	1,501	2.05
100-101	.38546	466	179	377	901	1.93
101-102	.40630	287	117	228	524	1.83
102-103	.42600	170	72	134	296	1.74
103-104	.44424	98	44	76	162	1.66
104-105	.46139	54	25	42	86	1.59
105-106	.47793	29	14	22	44	1.52
106-107	.49431	15	7	11	22	1.46
107-108	.51100	8	4	6	11	1.40
108-109	.52810	4	2	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: TEXAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.05414	100,000	5,414	95,488	5,965,632	59.66
1-2	0.00556	94,586	526	94,323	5,870,144	62.06
2-3	0.00287	94,060	270	93,925	5,775,821	61.41
3-4	0.00167	93,790	156	93,712	5,681,896	60.58
4-5	0.00146	93,634	137	93,565	5,588,184	59.68
5-6	0.00122	93,497	114	93,440	5,494,619	58.77
6-7	0.00105	93,383	98	93,334	5,401,179	57.84
7-8	0.00093	93,285	87	93,241	5,307,845	56.90
8-9	0.00087	93,198	81	93,157	5,214,604	55.95
9-10	0.00085	93,117	79	93,077	5,121,447	55.00
10-11	0.00089	93,038	83	92,996	5,028,370	54.05
11-12	0.00097	92,955	90	92,910	4,935,374	53.09
12-13	0.00109	92,865	101	92,814	4,842,464	52.15
13-14	0.00126	92,764	117	92,705	4,749,650	51.20
14-15	0.00149	92,647	138	92,578	4,656,945	50.27
15-16	0.00176	92,509	163	92,427	4,564,367	49.34
16-17	0.00204	92,346	189	92,252	4,471,940	48.43
17-18	0.00233	92,157	214	92,050	4,379,688	47.52
18-19	0.00263	91,943	242	91,822	4,287,638	46.63
19-20	0.00296	91,701	272	91,565	4,195,816	45.76
20-21	0.00330	91,429	301	91,279	4,104,251	44.89
21-22	0.00363	91,128	331	90,962	4,012,972	44.04
22-23	0.00393	90,797	357	90,618	3,922,010	43.20
23-24	0.00421	90,440	381	90,250	3,831,392	42.36
24-25	0.00447	90,059	402	89,858	3,741,142	41.54
25-26	0.00472	89,657	423	89,445	3,651,284	40.73
26-27	0.00493	89,234	440	89,014	3,561,839	39.92
27-28	0.00510	88,794	453	88,567	3,472,825	39.11
28-29	0.00520	88,341	460	88,111	3,384,258	38.31
29-30	0.00523	87,881	459	87,652	3,296,147	37.51
30-31	0.00524	87,422	458	87,193	3,208,495	36.70
31-32	0.00527	86,964	459	86,735	3,121,302	35.89
32-33	0.00537	86,505	464	86,273	3,034,367	35.08
33-34	0.00552	86,041	475	85,803	2,948,294	34.27
34-35	0.00570	85,566	488	85,322	2,862,491	33.45
35-36	0.00592	85,078	503	84,826	2,777,169	32.64
36-37	0.00619	84,575	524	84,313	2,692,343	31.83
37-38	0.00653	84,051	549	83,777	2,608,030	31.03
38-39	0.00693	83,502	578	83,213	2,524,253	30.23
39-40	0.00739	82,924	613	82,617	2,441,040	29.44
40-41	0.00791	82,311	651	81,985	2,358,423	28.65
41-42	0.00850	81,660	694	81,313	2,276,438	27.88
42-43	0.00916	80,966	742	80,595	2,195,125	27.11
43-44	0.00990	80,224	794	79,827	2,114,330	26.36
44-45	0.01071	79,430	851	79,004	2,034,703	25.62
45-46	0.01160	78,579	912	78,123	1,955,699	24.89
46-47	0.01256	77,667	975	77,180	1,877,576	24.17
47-48	0.01359	76,692	1,042	76,171	1,800,396	23.48
48-49	0.01470	75,650	1,112	75,094	1,724,225	22.79
49-50	0.01588	74,538	1,184	73,946	1,649,131	22.12
50-51	0.01713	73,354	1,257	72,726	1,575,185	21.47
51-52	0.01846	72,097	1,330	71,432	1,502,459	20.84
52-53	0.01987	70,767	1,407	70,063	1,431,027	20.22
53-54	0.02138	69,360	1,483	68,619	1,360,964	19.62
54-55	0.02298	67,877	1,559	67,098	1,292,345	19.04

TABLE 3. LIFE TABLE FOR NONWHITE MALES: TEXAS, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.02464	66,318	1,634	65,501	1,225,247	18.48
56-57	.02636	64,684	1,705	63,831	1,159,746	17.93
57-58	.02809	62,979	1,770	62,094	1,095,915	17.40
58-59	.02984	61,209	1,826	60,296	1,033,821	16.89
59-60	.03164	59,383	1,879	58,444	973,525	16.39
60-61	.03347	57,504	1,925	56,542	915,081	15.91
61-62	.03532	55,579	1,963	54,598	858,539	15.45
62-63	.03720	53,616	1,994	52,619	803,941	14.99
63-64	.03909	51,622	2,018	50,613	751,322	14.55
64-65	.04099	49,604	2,033	48,587	700,709	14.13
65-66	.04292	47,571	2,042	46,550	652,122	13.71
66-67	.04491	45,529	2,045	44,507	605,572	13.30
67-68	.04698	43,484	2,043	42,463	561,065	12.90
68-69	.04912	41,441	2,035	40,424	518,602	12.51
69-70	.05132	39,406	2,023	38,395	478,178	12.13
70-71	.05359	37,383	2,003	36,382	439,783	11.76
71-72	.05592	35,380	1,978	34,391	403,401	11.40
72-73	.05833	33,402	1,949	32,427	369,010	11.05
73-74	.06094	31,453	1,916	30,495	336,583	10.70
74-75	.06375	29,537	1,883	28,595	306,088	10.36
75-76	.06656	27,654	1,841	26,733	277,493	10.03
76-77	.06918	25,813	1,786	24,920	250,760	9.71
77-78	.07143	24,027	1,716	23,169	225,840	9.40
78-79	.07299	22,311	1,629	21,497	202,671	9.08
79-80	.07398	20,682	1,530	19,917	181,174	8.76
80-81	.07488	19,152	1,434	18,435	161,257	8.42
81-82	.07614	17,718	1,349	17,044	142,822	8.06
82-83	.07824	16,369	1,281	15,729	125,778	7.68
83-84	.08030	15,088	1,211	14,483	110,049	7.29
84-85	.08201	13,877	1,138	13,308	95,566	6.89
85-86	.08468	12,739	1,079	12,199	82,258	6.46
86-87	.08961	11,660	1,045	11,138	70,059	6.01
87-88	.09811	10,615	1,041	10,095	58,921	5.55
88-89	.11073	9,574	1,060	9,044	48,826	5.10
89-90	.12658	8,514	1,078	7,975	39,782	4.67
90-91	.14487	7,436	1,077	6,897	31,807	4.28
91-92	.16476	6,359	1,048	5,835	24,910	3.92
92-93	.18544	5,311	985	4,819	19,075	3.59
93-94	.20745	4,326	897	3,877	14,256	3.30
94-95	.23134	3,429	793	3,032	10,379	3.03
95-96	.25630	2,636	676	2,298	7,347	2.79
96-97	.28149	1,960	552	1,684	5,049	2.58
97-98	.30611	1,408	431	1,193	3,365	2.39
98-99	.33070	977	323	816	2,172	2.22
99-100	.35580	654	233	538	1,356	2.08
100-101	.38059	421	160	341	818	1.95
101-102	.40427	261	106	208	477	1.83
102-103	.42600	155	66	122	269	1.74
103-104	.44523	89	39	69	147	1.66
104-105	.46251	50	23	38	78	1.59
105-106	.47867	27	13	20	40	1.52
106-107	.49456	14	7	10	20	1.46
107-108	.51100	7	4	5	10	1.40
108-109	.52810	3	1	3	5	1.35
109-110	.54529	2	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: TEXAS, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.04311	100,000	4,311	96,444	6,359,164	63.59
1-2	.00436	95,689	417	95,480	6,262,720	65.45
2-3	.00244	95,272	233	95,156	6,167,240	64.73
3-4	.00162	95,039	154	94,962	6,072,084	63.89
4-5	.00126	94,885	119	94,826	5,977,122	62.99
5-6	.00112	94,766	106	94,713	5,882,296	62.07
6-7	.00098	94,660	93	94,613	5,787,583	61.14
7-8	.00085	94,567	80	94,527	5,692,970	60.20
8-9	.00074	94,487	70	94,452	5,598,443	59.25
9-10	.00066	94,417	63	94,385	5,503,991	58.29
10-11	.00062	94,354	58	94,325	5,409,606	57.33
11-12	.00061	94,296	58	94,267	5,315,281	56.37
12-13	.00066	94,238	62	94,207	5,221,014	55.40
13-14	.00077	94,176	72	94,140	5,126,807	54.44
14-15	.00095	94,104	90	94,059	5,032,667	53.48
15-16	.00117	94,014	110	93,959	4,938,608	52.53
16-17	.00138	93,904	129	93,839	4,844,649	51.59
17-18	.00158	93,775	149	93,700	4,750,810	50.66
18-19	.00175	93,626	163	93,544	4,657,110	49.74
19-20	.00192	93,463	180	93,373	4,563,566	48.83
20-21	.00208	93,283	194	93,186	4,470,193	47.92
21-22	.00224	93,089	208	92,985	4,377,007	47.02
22-23	.00241	92,881	224	92,769	4,284,022	46.12
23-24	.00258	92,657	239	92,537	4,191,253	45.23
24-25	.00275	92,418	254	92,291	4,098,716	44.35
25-26	.00293	92,164	271	92,029	4,006,425	43.47
26-27	.00310	91,893	284	91,751	3,914,396	42.60
27-28	.00328	91,609	301	91,458	3,822,645	41.73
28-29	.00345	91,308	315	91,151	3,731,187	40.86
29-30	.00360	90,993	327	90,829	3,640,036	40.00
30-31	.00376	90,666	341	90,495	3,549,207	39.15
31-32	.00396	90,325	358	90,146	3,458,712	38.29
32-33	.00420	89,967	378	89,778	3,368,566	37.44
33-34	.00449	89,589	402	89,388	3,278,788	36.60
34-35	.00483	89,187	431	88,971	3,189,400	35.76
35-36	.00520	88,756	461	88,525	3,100,429	34.93
36-37	.00560	88,295	495	88,047	3,011,904	34.11
37-38	.00605	87,800	531	87,534	2,923,857	33.30
38-39	.00653	87,269	570	86,984	2,836,323	32.50
39-40	.00705	86,699	611	86,393	2,749,339	31.71
40-41	.00761	86,088	655	85,760	2,662,946	30.93
41-42	.00821	85,433	702	85,082	2,577,186	30.17
42-43	.00887	84,731	751	84,355	2,492,104	29.41
43-44	.00960	83,980	806	83,577	2,407,749	28.67
44-45	.01039	83,174	865	82,741	2,324,172	27.94
45-46	.01122	82,309	923	81,848	2,241,431	27.23
46-47	.01207	81,386	983	80,895	2,159,583	26.54
47-48	.01291	80,403	1,038	79,884	2,078,688	25.85
48-49	.01372	79,365	1,088	78,821	1,998,804	25.18
49-50	.01452	78,277	1,137	77,708	1,919,983	24.53
50-51	.01534	77,140	1,183	76,548	1,842,275	23.88
51-52	.01621	75,957	1,232	75,341	1,765,727	23.25
52-53	.01717	74,725	1,283	74,084	1,690,386	22.62
53-54	.01823	73,442	1,338	72,773	1,616,302	22.01
54-55	.01936	72,104	1,396	71,406	1,543,529	21.41

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: TEXAS, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	0e_x
55-56	.02056	70,708	1,454	69,981	1,472,123	20.82
56-57	.02179	69,254	1,509	68,499	1,402,142	20.25
57-58	.02305	67,745	1,562	66,964	1,333,643	19.69
58-59	.02432	66,183	1,609	65,379	1,266,679	19.14
59-60	.02560	64,574	1,653	63,747	1,201,500	18.60
60-61	.02693	62,921	1,695	62,073	1,137,553	18.08
61-62	.02832	61,226	1,734	60,359	1,075,480	17.57
62-63	.02979	59,492	1,772	58,606	1,015,121	17.06
63-64	.03136	57,720	1,810	56,815	956,515	16.57
64-65	.03300	55,910	1,845	54,987	899,700	16.09
65-66	.03471	54,065	1,877	53,127	844,713	15.62
66-67	.03647	52,188	1,903	51,237	791,586	15.17
67-68	.03825	50,285	1,923	49,323	740,349	14.72
68-69	.04005	48,362	1,937	47,393	691,026	14.29
69-70	.04188	46,425	1,945	45,453	643,633	13.86
70-71	.04376	44,480	1,946	43,507	598,180	13.45
71-72	.04569	42,534	1,943	41,562	554,673	13.04
72-73	.04769	40,591	1,936	39,623	513,111	12.64
73-74	.04990	38,655	1,929	37,690	473,488	12.25
74-75	.05231	36,726	1,921	35,765	435,798	11.87
75-76	.05471	34,805	1,904	33,853	400,033	11.49
76-77	.05690	32,901	1,872	31,965	366,180	11.13
77-78	.05867	31,029	1,821	30,118	334,215	10.77
78-79	.05990	29,208	1,749	28,333	304,097	10.41
79-80	.06074	27,459	1,668	26,625	275,764	10.04
80-81	.06135	25,791	1,583	25,000	249,139	9.66
81-82	.06191	24,208	1,498	23,459	224,139	9.26
82-83	.06259	22,710	1,422	21,999	200,680	8.84
83-84	.06339	21,288	1,349	20,614	178,681	8.39
84-85	.06419	19,939	1,280	19,299	158,067	7.93
85-86	.06499	18,659	1,213	18,053	138,768	7.44
86-87	.06579	17,446	1,147	16,872	120,715	6.92
87-88	.06660	16,299	1,086	15,756	103,843	6.37
88-89	.07869	15,213	1,197	14,615	88,087	5.79
89-90	.09501	14,016	1,332	13,350	73,472	5.24
90-91	.11450	12,684	1,452	11,958	60,122	4.74
91-92	.13607	11,232	1,528	10,468	48,164	4.29
92-93	.15862	9,704	1,540	8,934	37,696	3.88
93-94	.18289	8,164	1,493	7,418	28,762	3.52
94-95	.20959	6,671	1,398	5,972	21,344	3.20
95-96	.23765	5,273	1,253	4,646	15,372	2.92
96-97	.26597	4,020	1,069	3,485	10,726	2.67
97-98	.29348	2,951	866	2,518	7,241	2.45
98-99	.32089	2,085	669	1,750	4,723	2.27
99-100	.34894	1,416	494	1,169	2,973	2.10
100-101	.37653	922	347	748	1,804	1.96
101-102	.40257	575	232	459	1,056	1.84
102-103	.42600	343	146	270	597	1.74
103-104	.44604	197	88	153	327	1.65
104-105	.46342	109	50	84	174	1.58
105-106	.47928	59	28	45	90	1.52
106-107	.49476	31	16	23	45	1.46
107-108	.51100	15	7	11	22	1.40
108-109	.52810	8	4	6	11	1.35
109-110	.54529	4	2	3	5	1.29
110-111	.56243	2	1	1	2	1.24
111-112	.57938	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00225. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.25 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 95,755 will complete the first year of life and enter the second; 95,374 will begin the third year; 93,236 will reach age 21; and 39,379 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 4,245 die in the first year of life, 381 in the second year, 210 in the twenty-second year, and 2,764 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 93,131. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 93,131 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,558,561 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,543,973.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 93,131 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,236 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,558,561) is the total number of years lived after attaining age 21 by the 93,236 reaching that age. This number of years divided by the number of persons (4,558,561 divided by 93,236) gives 48.89 years as the average remaining lifetime of white males at age 21.

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**VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51**

Utah

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service **National Office of Vital Statistics**

Utah Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.86 years for white males and 73.37 years for white females. This State ranks 11th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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Explanation of the columns of the life table -----	404

AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.5	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: UTAH, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02738	100,000	2,738	97,592	6,685,742	66.86
1-2	.00284	97,262	276	97,124	6,588,150	67.74
2-3	.00173	96,986	168	96,902	6,491,026	66.93
3-4	.00109	96,818	106	96,765	6,394,124	66.04
4-5	.00097	96,712	93	96,666	6,297,359	65.11
5-6	.00090	96,619	87	96,575	6,200,693	64.18
6-7	.00086	96,532	83	96,490	6,104,118	63.23
7-8	.00083	96,449	80	96,409	6,007,628	62.29
8-9	.00082	96,369	79	96,329	5,911,219	61.34
9-10	.00083	96,290	80	96,250	5,814,890	60.39
10-11	.00086	96,210	83	96,168	5,718,640	59.44
11-12	.00091	96,127	88	96,083	5,622,472	58.49
12-13	.00097	96,039	93	95,993	5,526,389	57.54
13-14	.00107	95,946	102	95,895	5,430,396	56.60
14-15	.00120	95,844	115	95,786	5,334,501	55.66
15-16	.00134	95,729	129	95,664	5,238,715	54.72
16-17	.00147	95,600	140	95,530	5,143,051	53.80
17-18	.00157	95,460	150	95,385	5,047,521	52.88
18-19	.00163	95,310	155	95,232	4,952,136	51.96
19-20	.00166	95,155	158	95,076	4,856,904	51.04
20-21	.00167	94,997	159	94,917	4,761,828	50.13
21-22	.00170	94,838	161	94,757	4,666,911	49.21
22-23	.00175	94,677	166	94,594	4,572,154	48.29
23-24	.00184	94,511	174	94,424	4,477,560	47.38
24-25	.00197	94,337	186	94,244	4,383,136	46.46
25-26	.00210	94,151	197	94,052	4,288,892	45.55
26-27	.00221	93,954	208	93,850	4,194,840	44.65
27-28	.00227	93,746	213	93,640	4,100,990	43.75
28-29	.00226	93,533	211	93,427	4,007,350	42.84
29-30	.00219	93,322	205	93,220	3,913,923	41.94
30-31	.00211	93,117	196	93,019	3,820,703	41.03
31-32	.00206	92,921	191	92,825	3,727,684	40.12
32-33	.00209	92,730	194	92,633	3,634,859	39.20
33-34	.00220	92,536	204	92,434	3,542,226	38.28
34-35	.00237	92,332	219	92,223	3,449,792	37.36
35-36	.00258	92,113	237	91,994	3,357,569	36.45
36-37	.00282	91,876	259	91,746	3,265,575	35.54
37-38	.00309	91,617	284	91,475	3,173,829	34.64
38-39	.00338	91,333	308	91,179	3,082,354	33.75
39-40	.00369	91,025	336	90,857	2,991,175	32.86
40-41	.00403	90,689	366	90,506	2,900,318	31.98
41-42	.00441	90,323	398	90,124	2,809,812	31.11
42-43	.00484	89,925	435	89,707	2,719,688	30.24
43-44	.00534	89,490	478	89,251	2,629,981	29.39
44-45	.00591	89,012	526	88,749	2,540,730	28.54
45-46	.00651	88,486	576	88,198	2,451,981	27.71
46-47	.00708	87,910	623	87,599	2,363,783	26.89
47-48	.00759	87,287	662	86,956	2,276,184	26.08
48-49	.00791	86,625	685	86,282	2,189,228	25.27
49-50	.00807	85,940	694	85,593	2,102,946	24.47
50-51	.00826	85,246	704	84,894	2,017,353	23.67
51-52	.00865	84,542	731	84,176	1,932,459	22.86
52-53	.00942	83,811	790	83,416	1,848,283	22.05
53-54	.01072	83,021	890	82,576	1,764,867	21.26
54-55	.01244	82,131	1,021	81,620	1,682,291	20.48

TABLE 1. LIFE TABLE FOR WHITE MALES: UTAH, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01434	81,110	1,164	80,528	1,600,671	19.73
56-57	.01623	79,946	1,297	79,298	1,520,143	19.01
57-58	.01787	78,649	1,406	77,946	1,440,845	18.32
58-59	.01914	77,243	1,478	76,504	1,362,899	17.64
59-60	.02019	75,765	1,530	75,000	1,286,395	16.98
60-61	.02120	74,235	1,573	73,448	1,211,395	16.32
61-62	.02239	72,662	1,627	71,848	1,137,947	15.66
62-63	.02394	71,035	1,701	70,184	1,066,099	15.01
63-64	.02584	69,334	1,791	68,438	995,915	14.36
64-65	.02797	67,543	1,890	66,598	927,477	13.73
65-66	.03033	65,653	1,991	64,658	860,879	13.11
66-67	.03296	63,662	2,098	62,613	796,221	12.51
67-68	.03588	61,564	2,209	60,459	733,608	11.92
68-69	.03894	59,355	2,311	58,199	673,149	11.34
69-70	.04213	57,044	2,404	55,842	614,950	10.78
70-71	.04566	54,640	2,495	53,393	559,108	10.23
71-72	.04975	52,145	2,594	50,848	505,715	9.70
72-73	.05462	49,551	2,706	48,198	454,867	9.18
73-74	.06049	46,845	2,834	45,428	406,669	8.68
74-75	.06722	44,011	2,958	42,532	361,241	8.21
75-76	.07447	41,053	3,058	39,524	318,709	7.76
76-77	.08191	37,995	3,112	36,439	279,185	7.35
77-78	.08919	34,883	3,111	33,328	242,746	6.96
78-79	.09582	31,772	3,044	30,250	209,418	6.59
79-80	.10202	28,728	2,931	27,262	179,168	6.24
80-81	.10855	25,797	2,800	24,397	151,906	5.89
81-82	.11613	22,997	2,671	21,661	127,509	5.54
82-83	.12553	20,326	2,552	19,050	105,848	5.21
83-84	.13747	17,774	2,443	16,553	86,798	4.88
84-85	.15145	15,331	2,322	14,170	70,245	4.58
85-86	.16638	13,009	2,164	11,927	56,075	4.31
86-87	.18115	10,845	1,965	9,862	44,148	4.07
87-88	.19469	8,880	1,729	8,016	34,286	3.86
88-89	.20635	7,151	1,475	6,413	26,270	3.67
89-90	.21688	5,676	1,231	5,060	19,857	3.50
90-91	.22720	4,445	1,010	3,940	14,797	3.33
91-92	.23826	3,435	819	3,026	10,857	3.16
92-93	.25101	2,616	656	2,288	7,831	2.99
93-94	.26571	1,960	521	1,699	5,543	2.83
94-95	.28173	1,439	405	1,236	3,844	2.67
95-96	.29868	1,034	309	879	2,608	2.52
96-97	.31614	725	229	610	1,729	2.39
97-98	.33372	496	166	413	1,119	2.26
98-99	.35168	330	116	272	706	2.14
99-100	.37029	214	79	174	434	2.03
100-101	.38915	135	53	109	260	1.92
101-102	.40786	82	33	66	151	1.83
102-103	.42600	49	21	38	85	1.74
103-104	.44347	28	12	22	47	1.66
104-105	.46052	16	8	12	25	1.59
105-106	.47735	8	4	6	13	1.52
106-107	.49412	4	2	3	7	1.46
107-108	.51100	2	1	2	4	1.40
108-109	.52810	1	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: UTAH, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.01969	100,000	1,969	98,249	7,337,465	73.37
1-2	.00227	98,031	223	97,920	7,239,166	73.85
2-3	.00117	97,808	114	97,751	7,141,246	73.01
3-4	.00077	97,694	75	97,656	7,043,495	72.10
4-5	.00066	97,619	65	97,587	6,945,839	71.15
5-6	.00061	97,554	59	97,525	6,848,252	70.20
6-7	.00058	97,495	57	97,467	6,750,727	69.24
7-8	.00056	97,438	54	97,411	6,653,260	68.28
8-9	.00055	97,384	54	97,357	6,555,849	67.32
9-10	.00056	97,330	54	97,303	6,458,492	66.36
10-11	.00057	97,276	56	97,248	6,361,189	65.39
11-12	.00059	97,220	57	97,192	6,263,941	64.43
12-13	.00061	97,163	59	97,133	6,166,749	63.47
13-14	.00065	97,104	63	97,072	6,069,616	62.51
14-15	.00069	97,041	67	97,007	5,972,544	61.55
15-16	.00075	96,974	73	96,937	5,875,537	60.59
16-17	.00079	96,901	77	96,863	5,778,600	59.63
17-18	.00083	96,824	80	96,784	5,681,737	58.68
18-19	.00085	96,744	82	96,703	5,584,953	57.73
19-20	.00086	96,662	83	96,620	5,488,250	56.78
20-21	.00086	96,579	84	96,537	5,391,630	55.83
21-22	.00086	96,495	83	96,454	5,295,093	54.87
22-23	.00088	96,412	84	96,370	5,198,639	53.92
23-24	.00091	96,328	88	96,284	5,102,269	52.97
24-25	.00094	96,240	90	96,195	5,005,985	52.02
25-26	.00098	96,150	95	96,102	4,909,790	51.06
26-27	.00102	96,055	98	96,006	4,813,688	50.11
27-28	.00106	95,957	101	95,906	4,717,682	49.16
28-29	.00110	95,856	106	95,803	4,621,776	48.22
29-30	.00113	95,750	108	95,696	4,525,973	47.27
30-31	.00117	95,642	112	95,586	4,430,277	46.32
31-32	.00120	95,530	115	95,473	4,334,691	45.38
32-33	.00123	95,415	117	95,357	4,239,218	44.43
33-34	.00125	95,298	119	95,239	4,143,861	43.48
34-35	.00127	95,179	121	95,119	4,048,622	42.54
35-36	.00129	95,058	123	94,997	3,953,503	41.59
36-37	.00131	94,935	124	94,873	3,858,506	40.64
37-38	.00135	94,811	128	94,747	3,763,633	39.70
38-39	.00158	94,683	150	94,608	3,668,886	38.75
39-40	.00191	94,533	180	94,443	3,574,278	37.81
40-41	.00227	94,353	214	94,246	3,479,835	36.88
41-42	.00264	94,139	249	94,014	3,385,589	35.96
42-43	.00295	93,890	277	93,752	3,291,575	35.06
43-44	.00321	93,613	300	93,463	3,197,823	34.16
44-45	.00344	93,313	321	93,152	3,104,360	33.27
45-46	.00365	92,992	340	92,822	3,011,208	32.38
46-47	.00387	92,652	358	92,473	2,918,386	31.50
47-48	.00409	92,294	378	92,105	2,825,913	30.62
48-49	.00428	91,916	393	91,720	2,733,808	29.74
49-50	.00443	91,523	406	91,320	2,642,088	28.87
50-51	.00460	91,117	419	90,908	2,550,768	27.99
51-52	.00486	90,698	440	90,478	2,459,860	27.12
52-53	.00528	90,258	477	90,019	2,369,382	26.25
53-54	.00592	89,781	532	89,515	2,279,363	25.39
54-55	.00674	89,249	601	88,949	2,189,848	24.54

TABLE 2. LIFE TABLE FOR WHITE FEMALES: UTAH, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.00764	88,648	677	88,309	2,100,899	23.70
56-57	.00853	87,971	751	87,595	2,012,590	22.88
57-58	.00933	87,220	814	86,813	1,924,995	22.07
58-59	.00994	86,406	858	85,977	1,838,182	21.27
59-60	.01042	85,548	892	85,102	1,752,205	20.48
60-61	.01091	84,656	923	84,194	1,667,103	19.69
61-62	.01154	83,733	967	83,249	1,582,909	18.90
62-63	.01244	82,766	1,029	82,252	1,499,660	18.12
63-64	.01358	81,737	1,110	81,182	1,417,408	17.34
64-65	.01486	80,627	1,198	80,028	1,336,226	16.57
65-66	.01635	79,429	1,299	78,779	1,256,198	15.82
66-67	.01810	78,130	1,414	77,423	1,177,419	15.07
67-68	.02018	76,716	1,548	75,942	1,099,996	14.34
68-69	.02244	75,168	1,687	74,324	1,024,054	13.62
69-70	.02485	73,481	1,826	72,568	949,730	12.92
70-71	.02762	71,655	1,979	70,665	877,162	12.24
71-72	.03093	69,676	2,155	68,598	806,497	11.57
72-73	.03500	67,521	2,364	66,339	737,899	10.93
73-74	.03991	65,157	2,600	63,857	671,560	10.31
74-75	.04551	62,557	2,847	61,134	607,703	9.71
75-76	.05170	59,710	3,087	58,167	546,569	9.15
76-77	.05834	56,623	3,303	54,971	488,402	8.63
77-78	.06532	53,320	3,483	51,578	433,431	8.13
78-79	.07255	49,837	3,616	48,029	381,853	7.66
79-80	.08012	46,221	3,703	44,370	333,824	7.22
80-81	.08815	42,518	3,748	40,644	289,454	6.81
81-82	.09674	38,770	3,751	36,895	248,810	6.42
82-83	.10601	35,019	3,712	33,163	211,915	6.05
83-84	.11658	31,307	3,650	29,482	178,752	5.71
84-85	.12836	27,657	3,550	25,882	149,270	5.40
85-86	.14044	24,107	3,385	22,414	123,388	5.12
86-87	.15191	20,722	3,148	19,148	100,974	4.87
87-88	.16185	17,574	2,845	16,152	81,826	4.66
88-89	.16870	14,729	2,484	13,487	65,674	4.46
89-90	.17308	12,245	2,120	11,185	52,187	4.26
90-91	.17732	10,125	1,795	9,228	41,002	4.05
91-92	.18375	8,330	1,531	7,565	31,774	3.81
92-93	.19469	6,799	1,323	6,137	24,209	3.56
93-94	.21106	5,476	1,156	4,898	18,072	3.30
94-95	.23130	4,320	999	3,820	13,174	3.05
95-96	.25406	3,321	844	2,899	9,354	2.82
96-97	.27796	2,477	688	2,133	6,455	2.61
97-98	.30165	1,789	540	1,519	4,322	2.42
98-99	.32604	1,249	407	1,045	2,803	2.24
99-100	.35203	842	297	694	1,758	2.09
100-101	.37826	545	206	442	1,064	1.95
101-102	.40337	339	137	271	622	1.84
102-103	.42600	202	86	159	351	1.74
103-104	.44552	116	52	90	192	1.66
104-105	.46283	64	29	49	102	1.59
105-106	.47889	35	17	26	53	1.52
106-107	.49463	18	9	14	27	1.46
107-108	.51100	9	5	7	13	1.40
108-109	.52810	4	2	3	6	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00170. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.70 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,262 will complete the first year of life and enter the second; 96,986 will begin the third year; 94,838 will reach age 21; and 41,053 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,738 die in the first year of life, 276 in the second year, 161 in the twenty-second year, and 3,058 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,757. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,757 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,666,911 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,685,742.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,757 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,838 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,666,911) is the total number of years lived after attaining age 21 by the 94,838 reaching that age. This number of years divided by the number of persons (4,666,911 divided by 94,838) gives 49.21 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Vermont

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Vermont Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.34 years for white males and 72.05 years for white females. This State ranks 26th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: VERMONT, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03223	100,000	3,223	97,166	6,634,060	66.34
1-2	.00250	96,777	242	96,656	6,536,894	67.55
2-3	.00123	96,535	119	96,476	6,440,238	66.71
3-4	.00122	96,416	117	96,358	6,343,762	65.80
4-5	.00093	96,299	90	96,254	6,247,404	64.88
5-6	.00077	96,209	74	96,172	6,151,150	63.94
6-7	.00065	96,135	62	96,104	6,054,978	62.98
7-8	.00057	96,073	55	96,045	5,958,874	62.02
8-9	.00052	96,018	50	95,993	5,862,829	61.06
9-10	.00051	95,968	49	95,943	5,766,836	60.09
10-11	.00053	95,919	51	95,894	5,670,893	59.12
11-12	.00058	95,868	56	95,840	5,574,999	58.15
12-13	.00066	95,812	63	95,781	5,479,159	57.19
13-14	.00079	95,749	75	95,711	5,383,378	56.22
14-15	.00098	95,674	94	95,627	5,287,667	55.27
15-16	.00119	95,580	114	95,523	5,192,040	54.32
16-17	.00139	95,466	133	95,400	5,096,517	53.39
17-18	.00154	95,333	146	95,260	5,001,117	52.46
18-19	.00164	95,187	157	95,109	4,905,857	51.54
19-20	.00173	95,030	164	94,948	4,810,748	50.62
20-21	.00178	94,866	169	94,782	4,715,800	49.71
21-22	.00182	94,697	172	94,611	4,621,018	48.80
22-23	.00184	94,525	174	94,438	4,526,407	47.89
23-24	.00182	94,351	172	94,265	4,431,969	46.97
24-25	.00177	94,179	166	94,096	4,337,704	46.06
25-26	.00170	94,013	160	93,933	4,243,608	45.14
26-27	.00165	93,853	155	93,775	4,149,675	44.21
27-28	.00165	93,698	155	93,621	4,055,900	43.29
28-29	.00170	93,543	159	93,464	3,962,279	42.36
29-30	.00177	93,384	165	93,302	3,868,815	41.43
30-31	.00187	93,219	174	93,132	3,775,513	40.50
31-32	.00199	93,045	186	92,952	3,682,381	39.58
32-33	.00212	92,859	196	92,761	3,589,429	38.65
33-34	.00226	92,663	210	92,558	3,496,668	37.74
34-35	.00242	92,453	224	92,341	3,404,110	36.82
35-36	.00260	92,229	239	92,110	3,311,769	35.91
36-37	.00278	91,990	256	91,862	3,219,659	35.00
37-38	.00296	91,734	272	91,598	3,127,797	34.10
38-39	.00309	91,462	282	91,321	3,036,199	33.20
39-40	.00316	91,180	288	91,036	2,944,878	32.30
40-41	.00327	90,892	298	90,743	2,853,842	31.40
41-42	.00349	90,594	316	90,436	2,763,099	30.50
42-43	.00390	90,278	352	90,102	2,672,663	29.60
43-44	.00459	89,926	413	89,720	2,582,561	28.72
44-45	.00552	89,513	494	89,266	2,492,841	27.85
45-46	.00653	89,019	581	88,729	2,403,575	27.00
46-47	.00752	88,438	665	88,105	2,314,846	26.17
47-48	.00835	87,773	733	87,406	2,226,741	25.37
48-49	.00892	87,040	776	86,652	2,139,335	24.58
49-50	.00932	86,264	804	85,862	2,052,683	23.80
50-51	.00969	85,460	828	85,046	1,966,821	23.01
51-52	.01019	84,632	863	84,200	1,881,775	22.23
52-53	.01095	83,769	917	83,311	1,797,575	21.46
53-54	.01201	82,852	995	82,354	1,714,264	20.69
54-55	.01326	81,857	1,086	81,314	1,631,910	19.94

TABLE 1. LIFE TABLE FOR WHITE MALES: VERMONT, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	$^o e_x$
55-56	.01467	80,771	1,184	80,179	1,550,596	19.20
56-57	.01620	79,587	1,290	78,942	1,470,417	18.48
57-58	.01784	78,297	1,397	77,599	1,391,475	17.77
58-59	.01958	76,900	1,505	76,148	1,313,876	17.09
59-60	.02146	75,395	1,618	74,586	1,237,728	16.42
60-61	.02344	73,777	1,730	72,912	1,163,142	15.77
61-62	.02552	72,047	1,838	71,128	1,090,230	15.13
62-63	.02768	70,209	1,944	69,237	1,019,102	14.52
63-64	.02983	68,265	2,036	67,247	949,865	13.91
64-65	.03199	66,229	2,119	65,170	882,618	13.33
65-66	.03428	64,110	2,197	63,011	817,448	12.75
66-67	.03682	61,913	2,280	60,773	754,437	12.19
67-68	.03973	59,633	2,369	58,448	693,664	11.63
68-69	.04297	57,264	2,461	56,033	635,216	11.09
69-70	.04647	54,803	2,547	53,530	579,183	10.57
70-71	.05027	52,256	2,626	50,943	525,653	10.06
71-72	.05443	49,630	2,702	48,279	474,710	9.56
72-73	.05901	46,928	2,769	45,544	426,431	9.09
73-74	.06395	44,159	2,824	42,747	380,887	8.63
74-75	.06920	41,335	2,860	39,905	338,140	8.18
75-76	.07486	38,475	2,881	37,035	298,235	7.75
76-77	.08103	35,594	2,884	34,152	261,200	7.34
77-78	.08779	32,710	2,871	31,274	227,048	6.94
78-79	.09525	29,839	2,843	28,417	195,774	6.56
79-80	.10334	26,996	2,789	25,602	167,357	6.20
80-81	.11191	24,207	2,709	22,852	141,755	5.86
81-82	.12080	21,498	2,597	20,199	118,903	5.53
82-83	.12987	18,901	2,455	17,673	98,704	5.22
83-84	.13814	16,446	2,272	15,310	81,031	4.93
84-85	.14571	14,174	2,065	13,142	65,721	4.64
85-86	.15404	12,109	1,865	11,176	52,579	4.34
86-87	.16458	10,244	1,686	9,401	41,403	4.04
87-88	.17879	8,558	1,530	7,793	32,002	3.74
88-89	.19847	7,028	1,395	6,330	24,209	3.44
89-90	.22265	5,633	1,254	5,006	17,879	3.17
90-91	.24861	4,379	1,089	3,834	12,873	2.94
91-92	.27366	3,290	900	2,840	9,039	2.75
92-93	.29508	2,390	705	2,037	6,199	2.59
93-94	.31230	1,685	527	1,422	4,162	2.47
94-95	.32713	1,158	378	969	2,740	2.36
95-96	.34042	780	266	647	1,771	2.27
96-97	.35301	514	181	423	1,124	2.19
97-98	.36575	333	122	272	701	2.10
98-99	.37807	211	80	171	429	2.03
99-100	.38941	131	51	106	258	1.96
100-101	.40062	80	32	64	152	1.89
101-102	.41253	48	20	38	88	1.82
102-103	.42600	28	12	22	50	1.75
103-104	.44142	16	7	13	28	1.67
104-105	.45822	9	4	7	15	1.60
105-106	.47581	5	2	4	8	1.53
106-107	.49360	3	2	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: VERMONT, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02317	100,000	2,317	97,998	7,204,997	72.05
1-2	0.00167	97,683	163	97,601	7,106,999	72.76
2-3	0.00116	97,520	113	97,463	7,009,398	71.88
3-4	0.00106	97,407	104	97,355	6,911,935	70.96
4-5	0.00060	97,303	58	97,274	6,814,580	70.03
5-6	0.00059	97,245	57	97,216	6,717,306	69.08
6-7	0.00058	97,188	57	97,160	6,620,090	68.12
7-8	0.00057	97,131	55	97,104	6,522,930	67.16
8-9	0.00051	97,076	50	97,051	6,425,826	66.19
9-10	0.00043	97,026	41	97,006	6,328,775	65.23
10-11	0.00036	96,985	35	96,967	6,231,769	64.25
11-12	0.00031	96,950	30	96,935	6,134,802	63.28
12-13	0.00029	96,920	28	96,906	6,037,867	62.30
13-14	0.00032	96,892	31	96,876	5,940,961	61.32
14-15	0.00039	96,861	38	96,842	5,844,085	60.33
15-16	0.00048	96,823	47	96,800	5,747,243	59.36
16-17	0.00057	96,776	55	96,749	5,650,443	58.39
17-18	0.00064	96,721	62	96,690	5,553,694	57.42
18-19	0.00069	96,659	66	96,626	5,457,004	56.46
19-20	0.00072	96,593	70	96,558	5,360,378	55.49
20-21	0.00075	96,523	72	96,487	5,263,820	54.53
21-22	0.00078	96,451	75	96,413	5,167,333	53.57
22-23	0.00082	96,376	80	96,336	5,070,920	52.62
23-24	0.00087	96,296	83	96,255	4,974,584	51.66
24-25	0.00092	96,213	89	96,168	4,878,329	50.70
25-26	0.00098	96,124	94	96,077	4,782,161	49.75
26-27	0.00104	96,030	100	95,980	4,686,084	48.80
27-28	0.00110	95,930	105	95,877	4,590,104	47.85
28-29	0.00116	95,825	112	95,769	4,494,227	46.90
29-30	0.00122	95,713	116	95,655	4,398,458	45.95
30-31	0.00128	95,597	123	95,535	4,302,803	45.01
31-32	0.00135	95,474	129	95,410	4,207,268	44.07
32-33	0.00143	95,345	136	95,277	4,111,858	43.13
33-34	0.00153	95,209	146	95,136	4,016,581	42.19
34-35	0.00164	95,063	156	94,985	3,921,445	41.25
35-36	0.00176	94,907	167	94,824	3,826,460	40.32
36-37	0.00189	94,740	179	94,651	3,731,636	39.39
37-38	0.00202	94,561	191	94,466	3,636,985	38.46
38-39	0.00213	94,370	201	94,270	3,542,519	37.54
39-40	0.00223	94,169	210	94,064	3,448,249	36.62
40-41	0.00234	93,959	219	93,849	3,354,185	35.70
41-42	0.00249	93,740	234	93,623	3,260,336	34.78
42-43	0.00271	93,506	253	93,379	3,166,713	33.87
43-44	0.00301	93,253	281	93,112	3,073,334	32.96
44-45	0.00337	92,972	313	92,815	2,980,222	32.06
45-46	0.00377	92,659	350	92,484	2,887,407	31.16
46-47	0.00418	92,309	385	92,116	2,794,923	30.28
47-48	0.00458	91,924	421	91,713	2,702,807	29.40
48-49	0.00496	91,503	454	91,276	2,611,094	28.54
49-50	0.00532	91,049	485	90,806	2,519,818	27.68
50-51	0.00570	90,564	516	90,306	2,429,012	26.82
51-52	0.00612	90,048	551	89,773	2,338,706	25.97
52-53	0.00659	89,497	590	89,202	2,248,933	25.13
53-54	0.00709	88,907	630	88,592	2,159,731	24.29
54-55	0.00760	88,277	671	87,941	2,071,139	23.46

TABLE 2. LIFE TABLE FOR WHITE FEMALES: VERMONT, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00817	87,606	716	87,248	1,983,198	22.64
56-57	.00886	86,890	770	86,505	1,895,950	21.82
57-58	.00970	86,120	835	85,703	1,809,445	21.01
58-59	.01072	85,285	914	84,828	1,723,742	20.21
59-60	.01189	84,371	1,003	83,869	1,638,914	19.43
60-61	.01318	83,368	1,099	82,818	1,555,045	18.65
61-62	.01455	82,269	1,197	81,670	1,472,227	17.90
62-63	.01600	81,072	1,297	80,423	1,390,557	17.15
63-64	.01736	79,775	1,385	79,082	1,310,134	16.42
64-65	.01866	78,390	1,463	77,658	1,231,052	15.70
65-66	.02012	76,927	1,548	76,153	1,153,394	14.99
66-67	.02196	75,379	1,655	74,552	1,077,241	14.29
67-68	.02440	73,724	1,799	72,824	1,002,689	13.60
68-69	.02758	71,925	1,984	70,933	929,865	12.93
69-70	.03136	69,941	2,193	68,845	858,932	12.28
70-71	.03552	67,748	2,406	66,545	790,087	11.66
71-72	.03987	65,342	2,606	64,039	723,542	11.07
72-73	.04420	62,736	2,773	61,350	659,503	10.51
73-74	.04827	59,963	2,894	58,516	598,153	9.98
74-75	.05223	57,069	2,981	55,579	539,637	9.46
75-76	.05642	54,088	3,051	52,562	484,058	8.95
76-77	.06120	51,037	3,124	49,475	431,496	8.45
77-78	.06692	47,913	3,206	46,310	382,021	7.97
78-79	.07379	44,707	3,299	43,057	335,711	7.51
79-80	.08157	41,408	3,378	39,719	292,654	7.07
80-81	.08995	38,030	3,421	36,320	252,935	6.65
81-82	.09863	34,609	3,413	32,903	216,615	6.26
82-83	.10729	31,196	3,347	29,522	183,712	5.89
83-84	.11481	27,849	3,197	26,250	154,190	5.54
84-85	.12140	24,652	2,993	23,155	127,940	5.19
85-86	.12874	21,659	2,788	20,265	104,785	4.84
86-87	.13852	18,871	2,614	17,564	84,520	4.48
87-88	.15244	16,257	2,479	15,017	66,956	4.12
88-89	.17229	13,778	2,373	12,591	51,939	3.77
89-90	.19696	11,405	2,247	10,281	39,548	3.45
90-91	.22373	9,158	2,049	8,134	29,067	3.17
91-92	.24989	7,109	1,776	6,221	20,933	2.94
92-93	.27273	5,333	1,455	4,606	14,712	2.76
93-94	.29184	3,878	1,132	3,312	10,106	2.61
94-95	.30902	2,746	848	2,322	6,794	2.47
95-96	.32490	1,898	617	1,589	4,472	2.36
96-97	.34009	1,281	436	1,063	2,883	2.25
97-98	.35524	845	300	695	1,820	2.15
98-99	.36992	545	202	444	1,125	2.06
99-100	.38371	343	131	278	681	1.98
100-101	.39723	212	84	170	403	1.90
101-102	.41112	128	53	101	233	1.82
102-103	.42600	75	32	59	132	1.75
103-104	.44209	43	19	34	73	1.67
104-105	.45897	24	11	19	39	1.60
105-106	.47632	13	6	10	20	1.53
106-107	.49377	7	4	5	10	1.46
107-108	.51100	3	1	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00182. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.82 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,777 will complete the first year of life and enter the second; 96,535 will begin the third year; 94,697 will reach age 21; and 38,475 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,223 die in the first year of life, 242 in the second year, 172 in the twenty-second year, and 2,881 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,611. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,611 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,621,018 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,634,060.

Column 7—Average remaining lifetime (e_x).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,611 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,697 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,621,018) is the total number of years lived after attaining age 21 by the 94,697 reaching that age. This number of years divided by the number of persons (4,621,018 divided by 94,697) gives 48.80 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Virginia

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Office of Vital Statistics

Virginia Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.95 years for white males, 72.40 years for white females, 56.89 years for nonwhite males, and 61.23 years for nonwhite females. This State ranks 36th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: VIRGINIA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03424	100,000	3,424	96,989	6,595,385	65.95
1-2	0.0233	96,576	225	96,463	6,498,396	67.29
2-3	0.0150	96,351	145	96,279	6,401,933	66.44
3-4	0.0109	96,206	104	96,154	6,305,654	65.54
4-5	0.0101	96,102	97	96,053	6,209,500	64.61
5-6	0.0085	96,005	82	95,964	6,113,447	63.68
6-7	0.0073	95,923	70	95,888	6,017,483	62.73
7-8	0.0066	95,853	63	95,821	5,921,595	61.78
8-9	0.0062	95,790	60	95,760	5,825,774	60.82
9-10	0.0062	95,730	59	95,701	5,730,014	59.86
10-11	0.0064	95,671	61	95,640	5,634,313	58.89
11-12	0.0068	95,610	65	95,577	5,538,673	57.93
12-13	0.0074	95,545	71	95,509	5,443,096	56.97
13-14	0.0082	95,474	78	95,435	5,347,587	56.01
14-15	0.0093	95,396	89	95,351	5,252,152	55.06
15-16	0.0106	95,307	101	95,256	5,156,801	54.11
16-17	0.0118	95,206	112	95,150	5,061,545	53.16
17-18	0.0130	95,094	124	95,032	4,966,395	52.23
18-19	0.0141	94,970	134	94,903	4,871,363	51.29
19-20	0.0153	94,836	145	94,763	4,776,460	50.37
20-21	0.0165	94,691	156	94,613	4,681,697	49.44
21-22	0.0174	94,535	165	94,452	4,587,084	48.52
22-23	0.0181	94,370	171	94,285	4,492,632	47.61
23-24	0.0183	94,199	172	94,113	4,398,347	46.69
24-25	0.0182	94,027	171	93,941	4,304,234	45.78
25-26	0.0180	93,856	169	93,771	4,210,293	44.86
26-27	0.0178	93,687	167	93,604	4,116,522	43.94
27-28	0.0179	93,520	167	93,436	4,022,918	43.02
28-29	0.0182	93,353	170	93,268	3,929,482	42.09
29-30	0.0186	93,183	173	93,096	3,836,214	41.17
30-31	0.0192	93,010	179	92,920	3,743,118	40.24
31-32	0.0199	92,831	185	92,739	3,650,198	39.32
32-33	0.0210	92,646	194	92,549	3,557,459	38.40
33-34	0.0223	92,452	206	92,349	3,464,910	37.48
34-35	0.0237	92,246	219	92,136	3,372,561	36.56
35-36	0.0255	92,027	235	91,910	3,280,425	35.65
36-37	0.0276	91,792	253	91,666	3,188,515	34.74
37-38	0.0302	91,539	277	91,401	3,096,849	33.83
38-39	0.0333	91,262	303	91,110	3,005,448	32.93
39-40	0.0368	90,959	335	90,791	2,914,338	32.04
40-41	0.0408	90,624	370	90,439	2,823,547	31.16
41-42	0.0451	90,254	407	90,051	2,733,108	30.28
42-43	0.0498	89,847	447	89,623	2,643,057	29.42
43-44	0.0548	89,400	490	89,155	2,553,434	28.56
44-45	0.0600	88,910	534	88,643	2,464,279	27.72
45-46	0.0657	88,376	580	88,086	2,375,636	26.88
46-47	0.0719	87,796	632	87,480	2,287,550	26.06
47-48	0.0786	87,164	685	86,822	2,200,070	25.24
48-49	0.0858	86,479	742	86,108	2,113,248	24.44
49-50	0.0933	85,737	800	85,337	2,027,140	23.64
50-51	0.1015	84,937	862	84,506	1,941,803	22.86
51-52	0.1104	84,075	928	83,611	1,857,297	22.09
52-53	0.1205	83,147	1,002	82,646	1,773,686	21.33
53-54	0.1317	82,145	1,082	81,604	1,691,040	20.59
54-55	0.1438	81,063	1,165	80,480	1,609,436	19.85

TABLE 1. LIFE TABLE FOR WHITE MALES: VIRGINIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
55-56	.01569	79,898	1,254	79,271	1,528,956	19.14
56-57	.01707	78,644	1,343	77,973	1,449,685	18.43
57-58	.01854	77,301	1,433	76,585	1,371,712	17.75
58-59	.02005	75,868	1,521	75,108	1,295,127	17.07
59-60	.02160	74,347	1,606	73,544	1,220,019	16.41
60-61	.02325	72,741	1,691	71,896	1,146,475	15.76
61-62	.02506	71,050	1,780	70,160	1,074,579	15.12
62-63	.02707	69,270	1,876	68,332	1,004,419	14.50
63-64	.02925	67,394	1,971	66,409	936,087	13.89
64-65	.03156	65,423	2,065	64,391	869,678	13.29
65-66	.03406	63,358	2,158	62,279	805,287	12.71
66-67	.03681	61,200	2,252	60,074	743,008	12.14
67-68	.03986	58,948	2,350	57,773	682,934	11.59
68-69	.04317	56,598	2,443	55,376	625,161	11.05
69-70	.04671	54,155	2,530	52,890	569,785	10.52
70-71	.05053	51,625	2,609	50,321	516,895	10.01
71-72	.05471	49,016	2,681	47,676	466,574	9.52
72-73	.05931	46,335	2,748	44,961	418,898	9.04
73-74	.06426	43,587	2,801	42,186	373,937	8.58
74-75	.06953	40,786	2,836	39,368	331,751	8.13
75-76	.07520	37,950	2,854	36,523	292,383	7.70
76-77	.08138	35,096	2,856	33,668	255,860	7.29
77-78	.08815	32,240	2,842	30,819	222,192	6.89
78-79	.09541	29,398	2,805	27,996	191,373	6.51
79-80	.10309	26,593	2,741	25,222	163,377	6.14
80-81	.11137	23,852	2,657	22,523	138,155	5.79
81-82	.12039	21,195	2,551	19,919	115,632	5.46
82-83	.13032	18,644	2,430	17,429	95,713	5.13
83-84	.14131	16,214	2,291	15,068	78,284	4.83
84-85	.15326	13,923	2,134	12,856	63,216	4.54
85-86	.16594	11,789	1,956	10,811	50,360	4.27
86-87	.17911	9,833	1,761	8,952	39,549	4.02
87-88	.19256	8,072	1,555	7,294	30,597	3.79
88-89	.20636	6,517	1,345	5,845	23,303	3.58
89-90	.22067	5,172	1,141	4,602	17,458	3.38
90-91	.23536	4,031	949	3,557	12,856	3.19
91-92	.25031	3,082	771	2,697	9,299	3.02
92-93	.26540	2,311	614	2,004	6,602	2.86
93-94	.28064	1,697	476	1,459	4,598	2.71
94-95	.29612	1,221	361	1,040	3,139	2.57
95-96	.31181	860	268	726	2,099	2.44
96-97	.32767	592	194	495	1,373	2.32
97-98	.34367	398	137	329	878	2.21
98-99	.35983	261	94	214	549	2.10
99-100	.37618	167	63	136	335	2.00
100-101	.39268	104	41	84	199	1.91
101-102	.40930	63	26	50	115	1.83
102-103	.42600	37	16	29	65	1.74
103-104	.44283	21	9	17	36	1.67
104-105	.45981	12	6	9	19	1.59
105-106	.47687	6	3	5	10	1.52
106-107	.49396	3	1	3	5	1.46
107-108	.51100	2	1	2	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: VIRGINIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02538	100,000	2,538	97,807	7,240,363	72.40
1-2	.00199	97,462	194	97,365	7,142,556	73.29
2-3	.00120	97,268	117	97,210	7,045,191	72.43
3-4	.00095	97,151	92	97,105	6,947,981	71.52
4-5	.00059	97,059	57	97,030	6,850,876	70.58
5-6	.00055	97,002	54	96,975	6,753,846	69.63
6-7	.00051	96,948	49	96,924	6,656,871	68.66
7-8	.00047	96,899	46	96,876	6,559,947	67.70
8-9	.00044	96,853	42	96,832	6,463,071	66.73
9-10	.00042	96,811	41	96,790	6,366,239	65.76
10-11	.00040	96,770	39	96,751	6,269,449	64.79
11-12	.00040	96,731	38	96,712	6,172,698	63.81
12-13	.00040	96,693	39	96,673	6,075,986	62.84
13-14	.00042	96,654	41	96,634	5,979,313	61.86
14-15	.00044	96,613	42	96,592	5,882,679	60.89
15-16	.00048	96,571	46	96,548	5,786,087	59.92
16-17	.00052	96,525	51	96,500	5,689,539	58.94
17-18	.00056	96,474	54	96,447	5,593,039	57.97
18-19	.00060	96,420	57	96,391	5,496,592	57.01
19-20	.00065	96,363	63	96,331	5,400,201	56.04
20-21	.00069	96,300	67	96,267	5,303,870	55.08
21-22	.00074	96,233	71	96,198	5,207,603	54.11
22-23	.00078	96,162	75	96,125	5,111,405	53.15
23-24	.00081	96,087	78	96,048	5,015,280	52.20
24-25	.00083	96,009	79	95,970	4,919,232	51.24
25-26	.00086	95,930	83	95,888	4,823,262	50.28
26-27	.00089	95,847	85	95,805	4,727,374	49.32
27-28	.00093	95,762	89	95,717	4,631,569	48.37
28-29	.00099	95,673	95	95,626	4,535,852	47.41
29-30	.00106	95,578	101	95,527	4,440,226	46.46
30-31	.00114	95,477	109	95,422	4,344,699	45.51
31-32	.00123	95,368	117	95,309	4,249,277	44.56
32-33	.00132	95,251	126	95,188	4,153,968	43.61
33-34	.00141	95,125	134	95,058	4,058,780	42.67
34-35	.00151	94,991	144	94,919	3,963,722	41.73
35-36	.00161	94,847	152	94,771	3,868,803	40.79
36-37	.00172	94,695	163	94,613	3,774,032	39.85
37-38	.00184	94,532	174	94,445	3,679,419	38.92
38-39	.00197	94,358	186	94,265	3,584,974	37.99
39-40	.00211	94,172	199	94,073	3,490,709	37.07
40-41	.00226	93,973	212	93,867	3,396,636	36.14
41-42	.00243	93,761	228	93,647	3,302,769	35.23
42-43	.00263	93,533	246	93,410	3,209,122	34.31
43-44	.00285	93,287	266	93,154	3,115,712	33.40
44-45	.00309	93,021	287	92,877	3,022,558	32.49
45-46	.00336	92,734	312	92,578	2,929,681	31.59
46-47	.00366	92,422	338	92,253	2,837,103	30.70
47-48	.00400	92,084	368	91,900	2,744,850	29.81
48-49	.00439	91,716	403	91,514	2,652,950	28.93
49-50	.00482	91,313	440	91,093	2,561,436	28.05
50-51	.00529	90,873	481	90,632	2,470,343	27.18
51-52	.00578	90,392	522	90,131	2,379,711	26.33
52-53	.00629	89,870	566	89,587	2,289,580	25.48
53-54	.00679	89,304	606	89,001	2,199,993	24.63
54-55	.00728	88,698	646	88,375	2,110,992	23.80

TABLE 2. LIFE TABLE FOR WHITE FEMALES: VIRGINIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.00780	88,052	687	87,709	2,022,617	22.97
56-57	.00841	87,365	734	86,998	1,934,908	22.15
57-58	.00915	86,631	793	86,234	1,847,910	21.33
58-59	.00999	85,838	857	85,409	1,761,676	20.52
59-60	.01090	84,981	927	84,517	1,676,267	19.73
60-61	.01191	84,054	1,001	83,554	1,591,750	18.94
61-62	.01309	83,053	1,087	82,510	1,508,196	18.16
62-63	.01446	81,966	1,185	81,373	1,425,686	17.39
63-64	.01599	80,781	1,292	80,135	1,344,313	16.64
64-65	.01764	79,489	1,402	78,788	1,264,178	15.90
65-66	.01948	78,087	1,521	77,326	1,185,390	15.18
66-67	.02157	76,566	1,652	75,740	1,108,064	14.47
67-68	.02399	74,914	1,797	74,016	1,032,324	13.78
68-69	.02669	73,117	1,951	72,141	958,308	13.11
69-70	.02962	71,166	2,108	70,112	886,167	12.45
70-71	.03286	69,058	2,270	67,923	816,055	11.82
71-72	.03644	66,788	2,433	65,572	748,132	11.20
72-73	.04043	64,355	2,602	63,054	682,560	10.61
73-74	.04468	61,753	2,759	60,373	619,506	10.03
74-75	.04916	58,994	2,900	57,544	559,133	9.48
75-76	.05409	56,094	3,035	54,576	501,589	8.94
76-77	.05967	53,059	3,166	51,476	447,013	8.42
77-78	.06613	49,893	3,299	48,244	395,537	7.93
78-79	.07368	46,594	3,433	44,877	347,293	7.45
79-80	.08218	43,161	3,547	41,387	302,416	7.01
80-81	.09131	39,614	3,617	37,805	261,029	6.59
81-82	.10075	35,997	3,627	34,183	223,224	6.20
82-83	.11017	32,370	3,566	30,587	189,041	5.84
83-84	.11908	28,804	3,430	27,089	158,454	5.50
84-85	.12768	25,374	3,240	23,754	131,365	5.18
85-86	.13674	22,134	3,026	20,621	107,611	4.86
86-87	.14701	19,108	2,809	17,703	86,990	4.55
87-88	.15926	16,299	2,596	15,001	69,287	4.25
88-89	.17400	13,703	2,384	12,511	54,286	3.96
89-90	.19072	11,319	2,159	10,239	41,775	3.69
90-91	.20866	9,160	1,911	8,204	31,536	3.44
91-92	.22704	7,249	1,646	6,426	23,332	3.22
92-93	.24510	5,603	1,373	4,916	16,906	3.02
93-94	.26292	4,230	1,112	3,674	11,990	2.83
94-95	.28101	3,118	877	2,680	8,316	2.67
95-96	.29925	2,241	670	1,906	5,636	2.51
96-97	.31751	1,571	499	1,321	3,730	2.37
97-98	.33569	1,072	360	892	2,409	2.25
98-99	.35385	712	252	586	1,517	2.13
99-100	.37209	460	171	375	931	2.02
100-101	.39027	289	113	233	556	1.92
101-102	.40828	176	72	140	323	1.83
102-103	.42600	104	44	82	183	1.74
103-104	.44334	60	27	47	101	1.66
104-105	.46038	33	15	26	54	1.59
105-106	.47725	18	9	14	28	1.52
106-107	.49408	9	4	7	14	1.46
107-108	.51100	5	3	4	7	1.40
108-109	.52810	2	1	2	3	1.35
109-110	.54529	1	1	1	1	1.29

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TABLE 3. LIFE TABLE FOR NONWHITE MALES: VIRGINIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.05959	100,000	5,959	95,034	5,688,560	56.89
1-2	.00420	94,041	395	93,844	5,593,526	59.48
2-3	.00254	93,646	238	93,527	5,499,682	58.73
3-4	.00210	93,408	196	93,310	5,406,155	57.88
4-5	.00177	93,212	165	93,130	5,312,845	57.00
5-6	.00144	93,047	134	92,980	5,219,715	56.10
6-7	.00120	92,913	111	92,857	5,126,735	55.18
7-8	.00103	92,802	96	92,754	5,033,878	54.24
8-9	.00093	92,706	86	92,663	4,941,124	53.30
9-10	.00088	92,620	82	92,579	4,848,461	52.35
10-11	.00089	92,538	82	92,497	4,755,882	51.39
11-12	.00095	92,456	88	92,412	4,663,385	50.44
12-13	.00104	92,368	96	92,320	4,570,973	49.49
13-14	.00119	92,272	110	92,217	4,478,653	48.54
14-15	.00139	92,162	128	92,098	4,386,436	47.59
15-16	.00163	92,034	150	91,959	4,294,338	46.66
16-17	.00189	91,884	174	91,797	4,202,379	45.74
17-18	.00214	91,710	196	91,612	4,110,582	44.82
18-19	.00240	91,514	220	91,404	4,018,970	43.92
19-20	.00267	91,294	243	91,173	3,927,566	43.02
20-21	.00295	91,051	269	90,916	3,836,393	42.13
21-22	.00323	90,782	293	90,636	3,745,477	41.26
22-23	.00351	90,489	318	90,330	3,654,841	40.39
23-24	.00378	90,171	341	90,001	3,564,511	39.53
24-25	.00405	89,830	363	89,649	3,474,510	38.68
25-26	.00433	89,467	388	89,273	3,384,861	37.83
26-27	.00459	89,079	409	88,875	3,295,588	37.00
27-28	.00486	88,670	431	88,455	3,206,713	36.16
28-29	.00511	88,239	450	88,014	3,118,258	35.34
29-30	.00534	87,789	469	87,554	3,030,244	34.52
30-31	.00558	87,320	488	87,076	2,942,690	33.70
31-32	.00584	86,832	507	86,579	2,855,614	32.89
32-33	.00615	86,325	531	86,060	2,769,035	32.08
33-34	.00650	85,794	557	85,516	2,682,975	31.27
34-35	.00687	85,237	586	84,944	2,597,459	30.47
35-36	.00727	84,651	615	84,344	2,512,515	29.68
36-37	.00771	84,036	648	83,712	2,428,171	28.89
37-38	.00819	83,388	683	83,046	2,344,459	28.12
38-39	.00868	82,705	718	82,346	2,261,413	27.34
39-40	.00917	81,987	752	81,611	2,179,067	26.58
40-41	.00971	81,235	789	80,841	2,097,456	25.82
41-42	.01035	80,446	832	80,030	2,016,615	25.07
42-43	.01113	79,614	886	79,171	1,936,585	24.32
43-44	.01205	78,728	949	78,253	1,857,414	23.59
44-45	.01308	77,779	1,017	77,270	1,779,161	22.87
45-46	.01422	76,762	1,092	76,216	1,701,891	22.17
46-47	.01548	75,670	1,171	75,084	1,625,675	21.48
47-48	.01686	74,499	1,256	73,871	1,550,591	20.81
48-49	.01838	73,243	1,346	72,570	1,476,720	20.16
49-50	.02004	71,897	1,441	71,176	1,404,150	19.53
50-51	.02181	70,456	1,537	69,687	1,332,974	18.92
51-52	.02367	68,919	1,631	68,103	1,263,287	18.33
52-53	.02560	67,288	1,723	66,427	1,195,184	17.76
53-54	.02763	65,565	1,811	64,659	1,128,757	17.22
54-55	.02978	63,754	1,899	62,804	1,064,098	16.69

TABLE 3. LIFE TABLE FOR NONWHITE MALES: VIRGINIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.03200	61,855	1,979	60,865	1,001,294	16.19
56-57	.03425	59,876	2,051	58,850	940,429	15.71
57-58	.03647	57,825	2,109	56,771	881,579	15.25
58-59	.03866	55,716	2,154	54,639	824,808	14.80
59-60	.04086	53,562	2,188	52,468	770,169	14.38
60-61	.04307	51,374	2,213	50,267	717,701	13.97
61-62	.04530	49,161	2,227	48,047	667,434	13.58
62-63	.04755	46,934	2,232	45,818	619,387	13.20
63-64	.04987	44,702	2,229	43,588	573,569	12.83
64-65	.05225	42,473	2,219	41,363	529,981	12.48
65-66	.05464	40,254	2,200	39,154	488,618	12.14
66-67	.05696	38,054	2,167	36,970	449,464	11.81
67-68	.05916	35,887	2,123	34,825	412,494	11.49
68-69	.06125	33,764	2,068	32,730	377,669	11.19
69-70	.06327	31,696	2,006	30,693	344,939	10.88
70-71	.06520	29,690	1,936	28,722	314,246	10.58
71-72	.06703	27,754	1,860	26,824	285,524	10.29
72-73	.06872	25,894	1,779	25,004	258,700	9.99
73-74	.06985	24,115	1,685	23,272	233,696	9.69
74-75	.07042	22,430	1,579	21,640	210,424	9.38
75-76	.07110	20,851	1,483	20,109	188,784	9.05
76-77	.07253	19,368	1,405	18,666	168,675	8.71
77-78	.07339	17,963	1,354	17,286	150,009	8.35
78-79	.08045	16,609	1,336	15,941	132,723	7.99
79-80	.08728	15,273	1,333	14,606	116,782	7.65
80-81	.09470	13,940	1,320	13,280	102,176	7.33
81-82	.10152	12,620	1,281	11,979	88,896	7.04
82-83	.10657	11,339	1,209	10,734	76,917	6.78
83-84	.10786	10,130	1,092	9,584	66,183	6.53
84-85	.10915	9,038	987	8,544	56,599	6.26
85-86	.11044	8,051	889	7,607	48,055	5.97
86-87	.11173	7,162	800	6,762	40,448	5.65
87-88	.11302	6,362	719	6,002	33,686	5.30
88-89	.12356	5,643	697	5,294	27,684	4.91
89-90	.13755	4,946	681	4,605	22,390	4.53
90-91	.15416	4,265	657	3,937	17,785	4.17
91-92	.17254	3,608	623	3,297	13,848	3.84
92-93	.19185	2,985	572	2,699	10,551	3.53
93-94	.21265	2,413	513	2,156	7,852	3.25
94-95	.23549	1,900	448	1,676	5,696	3.00
95-96	.25955	1,452	377	1,264	4,020	2.77
96-97	.28396	1,075	305	923	2,756	2.56
97-98	.30790	770	237	651	1,833	2.38
98-99	.33192	533	177	444	1,182	2.22
99-100	.35658	356	127	293	738	2.07
100-101	.38104	229	87	185	445	1.94
101-102	.40447	142	58	113	260	1.83
102-103	.42600	84	36	66	147	1.74
103-104	.44512	48	21	38	81	1.66
104-105	.46238	27	13	21	43	1.59
105-106	.47859	14	6	11	22	1.52
106-107	.49453	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: VIRGINIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.04526	100,000	4,526	96,267	6,123,469	61.23
1-2	.00379	95,474	362	95,293	6,027,202	63.13
2-3	.00193	95,112	183	95,020	5,931,909	62.37
3-4	.00106	94,929	101	94,878	5,836,889	61.49
4-5	.00102	94,828	97	94,780	5,742,011	60.55
5-6	.00095	94,731	90	94,686	5,647,231	59.61
6-7	.00086	94,641	81	94,601	5,552,545	58.67
7-8	.00077	94,560	73	94,523	5,457,944	57.72
8-9	.00068	94,487	64	94,455	5,363,421	56.76
9-10	.00062	94,423	59	94,394	5,268,966	55.80
10-11	.00059	94,364	55	94,336	5,174,572	54.84
11-12	.00060	94,309	57	94,280	5,080,236	53.87
12-13	.00067	94,252	63	94,220	4,985,956	52.90
13-14	.00082	94,189	77	94,150	4,891,736	51.94
14-15	.00105	94,112	99	94,062	4,797,586	50.98
15-16	.00131	94,013	123	93,951	4,703,524	50.03
16-17	.00158	93,890	149	93,815	4,609,573	49.10
17-18	.00181	93,741	169	93,656	4,515,758	48.17
18-19	.00200	93,572	188	93,478	4,422,102	47.26
19-20	.00217	93,384	202	93,283	4,328,624	46.35
20-21	.00234	93,182	218	93,073	4,235,341	45.45
21-22	.00251	92,964	234	92,847	4,142,268	44.56
22-23	.00269	92,730	249	92,606	4,049,421	43.67
23-24	.00290	92,481	268	92,347	3,956,815	42.79
24-25	.00312	92,213	288	92,069	3,864,468	41.91
25-26	.00334	91,925	307	91,772	3,772,399	41.04
26-27	.00357	91,618	327	91,455	3,680,627	40.17
27-28	.00377	91,291	344	91,119	3,589,172	39.32
28-29	.00394	90,947	359	90,768	3,498,053	38.46
29-30	.00409	90,588	370	90,403	3,407,285	37.61
30-31	.00423	90,218	382	90,027	3,316,882	36.77
31-32	.00440	89,836	395	89,639	3,226,855	35.92
32-33	.00462	89,441	413	89,234	3,137,216	35.08
33-34	.00489	89,028	435	88,810	3,047,982	34.24
34-35	.00520	88,593	461	88,362	2,959,172	33.40
35-36	.00553	88,132	488	87,888	2,870,810	32.57
36-37	.00591	87,644	518	87,385	2,782,922	31.75
37-38	.00633	87,126	551	86,851	2,695,537	30.94
38-39	.00677	86,575	586	86,282	2,608,686	30.13
39-40	.00724	85,989	623	85,678	2,522,404	29.33
40-41	.00775	85,366	661	85,036	2,436,726	28.54
41-42	.00833	84,705	706	84,352	2,351,690	27.76
42-43	.00902	83,999	758	83,620	2,267,338	26.99
43-44	.00981	83,241	816	82,833	2,183,718	26.23
44-45	.01069	82,425	881	81,984	2,100,885	25.49
45-46	.01164	81,544	949	81,069	2,018,901	24.76
46-47	.01268	80,595	1,022	80,084	1,937,832	24.04
47-48	.01379	79,573	1,098	79,024	1,857,748	23.35
48-49	.01497	78,475	1,174	77,888	1,778,724	22.67
49-50	.01623	77,301	1,255	76,673	1,700,836	22.00
50-51	.01757	76,046	1,336	75,378	1,624,163	21.36
51-52	.01898	74,710	1,418	74,001	1,548,785	20.73
52-53	.02047	73,292	1,500	72,542	1,474,784	20.12
53-54	.02207	71,792	1,585	70,999	1,402,242	19.53
54-55	.02377	70,207	1,669	69,373	1,331,243	18.96

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: VIRGINIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	L_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02554	68,538	1,750	67,663	1,261,870	18.41
56-57	.02733	66,788	1,825	65,875	1,194,207	17.88
57-58	.02910	64,963	1,891	64,017	1,128,332	17.37
58-59	.03085	63,072	1,946	62,099	1,064,315	16.87
59-60	.03260	61,126	1,992	60,130	1,002,216	16.40
60-61	.03437	59,134	2,033	58,117	942,086	15.93
61-62	.03615	57,101	2,064	56,069	883,969	15.48
62-63	.03797	55,037	2,090	53,992	827,900	15.04
63-64	.03983	52,947	2,109	51,893	773,908	14.62
64-65	.04173	50,838	2,121	49,778	722,015	14.20
65-66	.04365	48,717	2,127	47,654	672,237	13.80
66-67	.04557	46,590	2,123	45,529	624,583	13.41
67-68	.04746	44,467	2,110	43,412	579,054	13.02
68-69	.04930	42,357	2,088	41,313	535,642	12.65
69-70	.05110	40,269	2,058	39,240	494,329	12.28
70-71	.05290	38,211	2,021	37,200	455,089	11.91
71-72	.05476	36,190	1,982	35,199	417,889	11.55
72-73	.05673	34,208	1,941	33,238	382,690	11.19
73-74	.05897	32,267	1,903	31,316	349,452	10.83
74-75	.06144	30,364	1,865	29,432	318,136	10.48
75-76	.06390	28,499	1,821	27,588	288,704	10.13
76-77	.06611	26,678	1,764	25,796	261,116	9.79
77-78	.06782	24,914	1,690	24,069	235,320	9.45
78-79	.06828	23,224	1,585	22,432	211,251	9.10
79-80	.06888	21,639	1,491	20,893	188,819	8.73
80-81	.06941	20,148	1,398	19,449	167,926	8.33
81-82	.06994	18,750	1,312	18,094	148,477	7.92
82-83	.07048	17,438	1,229	16,824	130,383	7.48
83-84	.07543	16,209	1,222	15,598	113,559	7.01
84-85	.08173	14,987	1,225	14,374	97,961	6.54
85-86	.08966	13,762	1,234	13,145	83,587	6.07
86-87	.09944	12,528	1,246	11,905	70,442	5.62
87-88	.11135	11,282	1,256	10,654	58,537	5.19
88-89	.12578	10,026	1,261	9,395	47,883	4.78
89-90	.14257	8,765	1,250	8,140	38,488	4.39
90-91	.16110	7,515	1,211	6,910	30,348	4.04
91-92	.18079	6,304	1,139	5,735	23,438	3.72
92-93	.20101	5,165	1,038	4,646	17,703	3.43
93-94	.22218	4,127	917	3,668	13,057	3.16
94-95	.24469	3,210	786	2,817	9,389	2.92
95-96	.26795	2,424	649	2,100	6,572	2.71
96-97	.29135	1,775	517	1,516	4,472	2.52
97-98	.31428	1,258	396	1,060	2,956	2.35
98-99	.33715	862	290	717	1,896	2.20
99-100	.36036	572	206	469	1,179	2.06
100-101	.38331	366	141	296	710	1.94
101-102	.40539	225	91	180	414	1.83
102-103	.42600	134	57	106	234	1.74
103-104	.44471	77	34	60	128	1.66
104-105	.46192	43	20	33	68	1.59
105-106	.47828	23	11	17	35	1.52
106-107	.49443	12	6	9	18	1.46
107-108	.51100	6	3	5	9	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00174. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.74 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,576 will complete the first year of life and enter the second; 96,351 will begin the third year; 94,535 will reach age 21; and 37,950 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,424 die in the first year of life, 225 in the second year, 165 in the twenty-second year, and 2,854 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 94,452. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 94,452 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,587,084 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,595,385.

Column 7—Average remaining lifetime (e'_x).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 94,452 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 94,535 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,587,084) is the total number of years lived after attaining age 21 by the 94,535 reaching that age. This number of years divided by the number of persons (4,587,084 divided by 94,535) gives 48.52 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Washington
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Office of Vital Statistics

Washington Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 66.72 years for white males and 72.93 years for white females. This State ranks 13th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: WASHINGTON, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
0-1	0.02870	100,000	2,870	97,476	6,672,172	66.72
1-2	.00195	97,130	189	97,035	6,574,696	67.69
2-3	.00152	96,941	148	96,867	6,477,661	66.82
3-4	.00107	96,793	103	96,741	6,380,794	65.92
4-5	.00103	96,690	100	96,640	6,284,053	64.99
5-6	.00085	96,590	82	96,549	6,187,413	64.06
6-7	.00073	96,508	70	96,473	6,090,864	63.11
7-8	.00066	96,438	64	96,406	5,994,391	62.16
8-9	.00063	96,374	61	96,344	5,897,985	61.20
9-10	.00064	96,313	61	96,282	5,801,641	60.24
10-11	.00067	96,252	65	96,219	5,705,359	59.28
11-12	.00072	96,187	69	96,152	5,609,140	58.31
12-13	.00077	96,118	74	96,081	5,512,988	57.36
13-14	.00083	96,044	80	96,004	5,416,907	56.40
14-15	.00090	95,964	86	95,921	5,320,903	55.45
15-16	.00098	95,878	94	95,831	5,224,982	54.50
16-17	.00107	95,784	103	95,732	5,129,151	53.55
17-18	.00115	95,681	110	95,626	5,033,419	52.61
18-19	.00124	95,571	118	95,512	4,937,793	51.67
19-20	.00133	95,453	127	95,389	4,842,281	50.73
20-21	.00142	95,326	136	95,258	4,746,892	49.80
21-22	.00151	95,190	143	95,119	4,651,634	48.87
22-23	.00158	95,047	151	94,972	4,556,515	47.94
23-24	.00163	94,896	154	94,819	4,461,543	47.02
24-25	.00166	94,742	157	94,663	4,366,724	46.09
25-26	.00168	94,585	159	94,505	4,272,061	45.17
26-27	.00171	94,426	162	94,345	4,177,556	44.24
27-28	.00176	94,264	166	94,181	4,083,211	43.32
28-29	.00183	94,098	172	94,012	3,989,030	42.39
29-30	.00191	93,926	179	93,836	3,895,018	41.47
30-31	.00200	93,747	188	93,653	3,801,182	40.55
31-32	.00211	93,559	197	93,460	3,707,529	39.63
32-33	.00223	93,362	208	93,258	3,614,069	38.71
33-34	.00236	93,154	220	93,044	3,520,811	37.80
34-35	.00251	92,934	234	92,817	3,427,767	36.88
35-36	.00267	92,700	247	92,577	3,334,950	35.98
36-37	.00286	92,453	264	92,321	3,242,373	35.07
37-38	.00308	92,189	284	92,047	3,150,052	34.17
38-39	.00332	91,905	306	91,752	3,058,005	33.27
39-40	.00358	91,599	327	91,435	2,966,253	32.38
40-41	.00388	91,272	355	91,094	2,874,818	31.50
41-42	.00422	90,917	383	90,726	2,783,724	30.62
42-43	.00464	90,534	420	90,324	2,692,998	29.75
43-44	.00513	90,114	463	89,883	2,602,674	28.88
44-45	.00569	89,651	510	89,396	2,512,791	28.03
45-46	.00630	89,141	561	88,860	2,423,395	27.19
46-47	.00695	88,580	616	88,272	2,334,535	26.36
47-48	.00765	87,964	673	87,628	2,246,263	25.54
48-49	.00838	87,291	731	86,925	2,158,635	24.73
49-50	.00914	86,560	792	86,164	2,071,710	23.93
50-51	.00995	85,768	853	85,342	1,985,546	23.15
51-52	.01082	84,915	919	84,456	1,900,204	22.38
52-53	.01177	83,996	988	83,502	1,815,748	21.62
53-54	.01278	83,008	1,061	82,477	1,732,246	20.87
54-55	.01385	81,947	1,135	81,379	1,649,769	20.13

TABLE 1. LIFE TABLE FOR WHITE MALES: WASHINGTON, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x+1$	q_x	L_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01499	80,812	1,212	80,206	1,568,390	19.41
56-57	.01623	79,600	1,291	78,955	1,488,184	18.70
57-58	.01759	78,309	1,378	77,620	1,409,229	18.00
58-59	.01904	76,931	1,465	76,199	1,331,609	17.31
59-60	.02057	75,466	1,552	74,690	1,255,410	16.64
60-61	.02221	73,914	1,642	73,093	1,180,720	15.97
61-62	.02402	72,272	1,736	71,404	1,107,627	15.33
62-63	.02604	70,536	1,836	69,618	1,036,223	14.69
63-64	.02825	68,700	1,941	67,729	966,605	14.07
64-65	.03064	66,759	2,046	65,736	898,876	13.46
65-66	.03320	64,713	2,148	63,639	833,140	12.87
66-67	.03597	62,565	2,251	61,440	769,501	12.30
67-68	.03897	60,314	2,350	59,139	708,061	11.74
68-69	.04210	57,964	2,440	56,744	648,922	11.20
69-70	.04536	55,524	2,519	54,264	592,178	10.67
70-71	.04887	53,005	2,590	51,710	537,914	10.15
71-72	.05277	50,415	2,661	49,085	486,204	9.64
72-73	.05720	47,754	2,731	46,389	437,119	9.15
73-74	.06211	45,023	2,797	43,625	390,730	8.68
74-75	.06741	42,226	2,846	40,803	347,105	8.22
75-76	.07318	39,380	2,882	37,939	306,302	7.78
76-77	.07946	36,498	2,900	35,048	268,363	7.35
77-78	.08633	33,598	2,901	32,148	233,315	6.94
78-79	.09362	30,697	2,873	29,261	201,167	6.55
79-80	.10130	27,824	2,819	26,414	171,906	6.18
80-81	.10960	25,005	2,740	23,635	145,492	5.82
81-82	.11877	22,265	2,645	20,942	121,857	5.47
82-83	.12906	19,620	2,532	18,354	100,915	5.14
83-84	.14099	17,088	2,409	15,883	82,561	4.83
84-85	.15438	14,679	2,266	13,546	66,678	4.54
85-86	.16848	12,413	2,092	11,367	53,132	4.28
86-87	.18248	10,321	1,883	9,380	41,765	4.05
87-88	.19561	8,438	1,651	7,613	32,385	3.84
88-89	.20735	6,787	1,407	6,084	24,772	3.65
89-90	.21821	5,380	1,174	4,793	18,688	3.47
90-91	.22899	4,206	963	3,724	13,895	3.30
91-92	.24047	3,243	780	2,853	10,171	3.14
92-93	.25342	2,463	624	2,151	7,318	2.97
93-94	.26809	1,839	493	1,592	5,167	2.81
94-95	.28396	1,346	382	1,155	3,575	2.66
95-96	.30067	964	290	819	2,420	2.51
96-97	.31786	674	214	567	1,601	2.38
97-98	.33518	460	154	383	1,034	2.25
98-99	.35286	306	108	252	651	2.13
99-100	.37114	198	74	161	399	2.02
100-101	.38966	124	48	100	238	1.92
101-102	.40806	76	31	60	138	1.83
102-103	.42600	45	19	35	78	1.74
103-104	.44337	26	12	20	43	1.66
104-105	.46042	14	6	11	23	1.59
105-106	.47728	8	4	6	12	1.52
106-107	.49409	4	2	3	6	1.46
107-108	.51100	2	1	2	3	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WASHINGTON, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.02139	100,000	2,139	98,152	7,293,195	72.93
1-2	0.0163	97,861	160	97,781	7,195,043	73.52
2-3	0.0104	97,701	101	97,651	7,097,262	72.64
3-4	0.0091	97,600	89	97,555	6,999,611	71.72
4-5	0.0066	97,511	64	97,479	6,902,056	70.78
5-6	0.0061	97,447	60	97,417	6,804,577	69.83
6-7	0.0056	97,387	54	97,360	6,707,160	68.87
7-8	0.0050	97,333	49	97,308	6,609,800	67.91
8-9	0.0044	97,284	43	97,263	6,512,492	66.94
9-10	0.0039	97,241	38	97,222	6,415,229	65.97
10-11	0.0035	97,203	34	97,186	6,318,007	65.00
11-12	0.0033	97,169	32	97,153	6,220,821	64.02
12-13	0.0033	97,137	32	97,121	6,123,668	63.04
13-14	0.0036	97,105	35	97,088	6,026,547	62.06
14-15	0.0042	97,070	41	97,050	5,929,459	61.08
15-16	0.0050	97,029	48	97,005	5,832,409	60.11
16-17	0.0057	96,981	55	96,953	5,735,404	59.14
17-18	0.0062	96,926	60	96,896	5,638,451	58.17
18-19	0.0065	96,866	63	96,834	5,541,555	57.21
19-20	0.0067	96,803	65	96,770	5,444,721	56.25
20-21	0.0068	96,738	66	96,705	5,347,951	55.28
21-22	0.0069	96,672	67	96,639	5,251,246	54.32
22-23	0.0072	96,605	69	96,570	5,154,607	53.36
23-24	0.0076	96,536	74	96,499	5,058,037	52.40
24-25	0.0080	96,462	77	96,424	4,961,538	51.44
25-26	0.0085	96,385	82	96,344	4,865,114	50.48
26-27	0.0090	96,303	86	96,260	4,768,770	49.52
27-28	0.0095	96,217	92	96,171	4,672,510	48.56
28-29	0.0099	96,125	95	96,078	4,576,339	47.61
29-30	0.0103	96,030	99	95,981	4,480,261	46.65
30-31	0.0108	95,931	104	95,879	4,384,280	45.70
31-32	0.0114	95,827	109	95,773	4,288,401	44.75
32-33	0.0122	95,718	117	95,660	4,192,628	43.80
33-34	0.0133	95,601	127	95,538	4,096,968	42.85
34-35	0.0146	95,474	139	95,405	4,001,430	41.91
35-36	0.0161	95,335	154	95,258	3,906,025	40.97
36-37	0.0176	95,181	167	95,098	3,810,767	40.04
37-38	0.0191	95,014	182	94,923	3,715,669	39.11
38-39	0.0206	94,832	195	94,735	3,620,746	38.18
39-40	0.0220	94,637	208	94,533	3,526,011	37.26
40-41	0.0235	94,429	222	94,318	3,431,478	36.34
41-42	0.0252	94,207	237	94,088	3,337,160	35.42
42-43	0.0271	93,970	255	93,842	3,243,072	34.51
43-44	0.0291	93,715	273	93,579	3,149,230	33.60
44-45	0.0312	93,442	291	93,296	3,055,651	32.70
45-46	0.0335	93,151	312	92,995	2,962,355	31.80
46-47	0.0363	92,839	337	92,670	2,869,360	30.91
47-48	0.0397	92,502	368	92,318	2,776,690	30.02
48-49	0.0439	92,134	404	91,932	2,684,372	29.14
49-50	0.0488	91,730	448	91,506	2,592,440	28.26
50-51	0.0541	91,282	494	91,035	2,500,934	27.40
51-52	0.0596	90,788	541	90,518	2,409,899	26.54
52-53	0.0649	90,247	585	89,954	2,319,381	25.70
53-54	0.0696	89,662	624	89,350	2,229,427	24.86
54-55	0.0739	89,038	658	88,709	2,140,077	24.04

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WASHINGTON, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00784	88,380	693	88,033	2,051,368	23.21
56-57	.00839	87,687	736	87,319	1,963,335	22.39
57-58	.00911	86,951	792	86,555	1,876,016	21.58
58-59	.01000	86,159	862	85,728	1,789,461	20.77
59-60	.01103	85,297	941	84,827	1,703,733	19.97
60-61	.01217	84,356	1,026	83,843	1,618,906	19.19
61-62	.01341	83,330	1,118	82,771	1,535,063	18.42
62-63	.01475	82,212	1,212	81,606	1,452,292	17.67
63-64	.01612	81,000	1,306	80,347	1,370,686	16.92
64-65	.01752	79,694	1,396	78,996	1,290,339	16.19
65-66	.01905	78,298	1,492	77,552	1,211,343	15.47
66-67	.02083	76,806	1,600	76,006	1,133,791	14.76
67-68	.02294	75,206	1,725	74,344	1,057,785	14.07
68-69	.02533	73,481	1,861	72,550	983,441	13.38
69-70	.02793	71,620	2,000	70,620	910,891	12.72
70-71	.03083	69,620	2,147	68,546	840,271	12.07
71-72	.03412	67,473	2,302	66,322	771,725	11.44
72-73	.03790	65,171	2,470	63,936	705,403	10.82
73-74	.04204	62,701	2,636	61,383	641,467	10.23
74-75	.04647	60,065	2,791	58,669	580,084	9.66
75-76	.05140	57,274	2,944	55,802	521,415	9.10
76-77	.05699	54,330	3,096	52,782	465,613	8.57
77-78	.06343	51,234	3,250	49,609	412,831	8.06
78-79	.07091	47,984	3,403	46,283	363,222	7.57
79-80	.07930	44,581	3,535	42,814	316,939	7.11
80-81	.08833	41,046	3,626	39,233	274,125	6.68
81-82	.09773	37,420	3,657	35,592	234,892	6.28
82-83	.10722	33,763	3,620	31,953	199,300	5.90
83-84	.11635	30,143	3,507	28,390	167,347	5.55
84-85	.12531	26,636	3,338	24,967	138,957	5.22
85-86	.13477	23,298	3,140	21,728	113,990	4.89
86-87	.14542	20,158	2,931	18,693	92,262	4.58
87-88	.15795	17,227	2,721	15,866	73,569	4.27
88-89	.17284	14,506	2,507	13,252	57,703	3.98
89-90	.18963	11,999	2,276	10,861	44,451	3.70
90-91	.20760	9,723	2,018	8,714	33,590	3.45
91-92	.22601	7,705	1,742	6,834	24,876	3.23
92-93	.24413	5,963	1,455	5,236	18,042	3.03
93-94	.26205	4,508	1,182	3,917	12,806	2.84
94-95	.28024	3,326	932	2,860	8,889	2.67
95-96	.29860	2,394	715	2,037	6,029	2.52
96-97	.31698	1,679	532	1,413	3,992	2.38
97-98	.33526	1,147	385	955	2,579	2.25
98-99	.35352	762	269	628	1,624	2.13
99-100	.37186	493	183	401	996	2.02
100-101	.39014	310	121	249	595	1.92
101-102	.40823	189	77	150	346	1.83
102-103	.42600	112	48	88	196	1.74
103-104	.44337	64	28	50	108	1.66
104-105	.46041	36	17	27	58	1.59
105-106	.47728	19	9	15	31	1.52
106-107	.49409	10	5	8	16	1.46
107-108	.51100	5	3	4	8	1.40
108-109	.52810	2	1	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00151. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.51 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,130 will complete the first year of life and enter the second; 96,941 will begin the third year; 95,190 will reach age 21; and 39,380 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,870 die in the first year of life, 189 in the second year, 143 in the twenty-second year, and 2,882 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,119. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,119 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,651,634 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,672,172.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,119 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,190 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,651,634) is the total number of years lived after attaining age 21 by the 95,190 reaching that age. This number of years divided by the number of persons (4,651,634 divided by 95,190) gives 48.87 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

West Virginia
State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

West Virginia Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population and among the nonwhite population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 87 for nonwhites, and at ages over 92 for whites because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.32 years for white males, 71.07 years for white females, 58.04 years for nonwhite males, and 63.63 years for nonwhite females. This State ranks 44th among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for nonwhite males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51
(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	36.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: WEST VIRGINIA, 1949-51

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04018	100,000	4,018	96,466	6,531,556	65.32
1-2	.00272	95,982	261	95,851	6,435,090	67.04
2-3	.00175	95,721	168	95,637	6,339,239	66.23
3-4	.00109	95,553	104	95,501	6,243,602	65.34
4-5	.00108	95,449	103	95,398	6,148,101	64.41
5-6	.00100	95,346	95	95,299	6,052,703	63.48
6-7	.00090	95,251	86	95,208	5,957,404	62.54
7-8	.00081	95,165	77	95,127	5,862,196	61.60
8-9	.00072	95,088	68	95,054	5,767,069	60.65
9-10	.00065	95,020	62	94,989	5,672,015	59.69
10-11	.00061	94,958	58	94,929	5,577,026	58.73
11-12	.00061	94,900	58	94,871	5,482,097	57.77
12-13	.00065	94,842	62	94,811	5,387,226	56.80
13-14	.00075	94,780	71	94,745	5,292,415	55.84
14-15	.00090	94,709	85	94,667	5,197,670	54.88
15-16	.00109	94,624	103	94,572	5,103,003	53.93
16-17	.00129	94,521	122	94,460	5,008,431	52.99
17-18	.00149	94,399	141	94,329	4,913,971	52.06
18-19	.00171	94,258	161	94,178	4,819,642	51.13
19-20	.00197	94,097	185	94,004	4,725,464	50.22
20-21	.00222	93,912	209	93,807	4,631,460	49.32
21-22	.00244	93,703	228	93,589	4,537,653	48.43
22-23	.00261	93,475	244	93,353	4,444,064	47.54
23-24	.00270	93,231	252	93,105	4,350,711	46.67
24-25	.00273	92,979	254	92,852	4,257,606	45.79
25-26	.00273	92,725	253	92,599	4,164,754	44.92
26-27	.00273	92,472	252	92,346	4,072,155	44.04
27-28	.00274	92,220	253	92,093	3,979,809	43.16
28-29	.00277	91,967	255	91,839	3,887,716	42.27
29-30	.00279	91,712	256	91,584	3,795,877	41.39
30-31	.00282	91,456	258	91,327	3,704,293	40.50
31-32	.00286	91,198	261	91,068	3,612,966	39.62
32-33	.00292	90,937	265	90,805	3,521,898	38.73
33-34	.00298	90,672	270	90,537	3,431,093	37.84
34-35	.00304	90,402	275	90,264	3,340,556	36.95
35-36	.00313	90,127	282	89,986	3,250,292	36.06
36-37	.00326	89,845	293	89,698	3,160,306	35.18
37-38	.00348	89,552	312	89,396	3,070,608	34.29
38-39	.00380	89,240	339	89,071	2,981,212	33.41
39-40	.00420	88,901	373	88,714	2,892,141	32.53
40-41	.00465	88,528	412	88,322	2,803,427	31.67
41-42	.00513	88,116	452	87,890	2,715,105	30.81
42-43	.00559	87,664	490	87,419	2,627,215	29.97
43-44	.00602	87,174	525	86,912	2,539,796	29.13
44-45	.00643	86,649	557	86,371	2,452,884	28.31
45-46	.00687	86,092	591	85,796	2,366,513	27.49
46-47	.00736	85,501	630	85,186	2,280,717	26.67
47-48	.00794	84,871	674	84,534	2,195,531	25.87
48-49	.00862	84,197	725	83,835	2,110,997	25.07
49-50	.00936	83,472	782	83,081	2,027,162	24.29
50-51	.01017	82,690	841	82,270	1,944,081	23.51
51-52	.01105	81,849	904	81,397	1,861,811	22.75
52-53	.01200	80,945	971	80,459	1,780,414	22.00
53-54	.01302	79,974	1,042	79,453	1,699,955	21.26
54-55	.01412	78,932	1,114	78,375	1,620,502	20.53

TABLE 1. LIFE TABLE FOR WHITE MALES: WEST VIRGINIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01529	77,818	1,190	77,223	1,542,127	19.82
56-57	.01650	76,628	1,264	75,996	1,464,904	19.12
57-58	.01775	75,364	1,338	74,695	1,388,908	18.43
58-59	.01901	74,026	1,407	73,322	1,314,213	17.75
59-60	.02028	72,619	1,473	71,882	1,240,891	17.09
60-61	.02161	71,146	1,537	70,377	1,169,009	16.43
61-62	.02305	69,609	1,605	68,806	1,098,632	15.78
62-63	.02464	68,004	1,676	67,166	1,029,826	15.14
63-64	.02628	66,328	1,743	65,457	962,660	14.51
64-65	.02795	64,585	1,805	63,683	897,203	13.89
65-66	.02979	62,780	1,870	61,845	833,520	13.28
66-67	.03195	60,910	1,946	59,937	771,675	12.67
67-68	.03461	58,964	2,041	57,944	711,738	12.07
68-69	.03780	56,923	2,152	55,847	653,794	11.49
69-70	.04142	54,771	2,268	53,637	597,947	10.92
70-71	.04540	52,503	2,384	51,311	544,310	10.37
71-72	.04967	50,119	2,489	48,874	492,999	9.84
72-73	.05415	47,630	2,579	46,340	444,125	9.32
73-74	.05851	45,051	2,636	43,733	397,785	8.83
74-75	.06280	42,415	2,664	41,083	354,052	8.35
75-76	.06752	39,751	2,684	38,409	312,969	7.87
76-77	.07316	37,067	2,712	35,711	274,560	7.41
77-78	.08022	34,355	2,756	32,977	238,849	6.95
78-79	.08896	31,599	2,811	30,194	205,872	6.52
79-80	.09904	28,788	2,851	27,363	175,678	6.10
80-81	.11009	25,937	2,855	24,509	148,315	5.72
81-82	.12172	23,082	2,810	21,677	123,806	5.36
82-83	.13355	20,272	2,707	18,918	102,129	5.04
83-84	.14581	17,565	2,561	16,284	83,211	4.74
84-85	.15876	15,004	2,382	13,813	66,927	4.46
85-86	.17205	12,622	2,172	11,536	53,114	4.21
86-87	.18535	10,450	1,937	9,482	41,578	3.98
87-88	.19831	8,513	1,688	7,669	32,096	3.77
88-89	.21062	6,825	1,438	6,106	24,427	3.58
89-90	.22251	5,387	1,198	4,788	18,321	3.40
90-91	.23445	4,189	982	3,698	13,533	3.23
91-92	.24691	3,207	792	2,811	9,835	3.07
92-93	.26036	2,415	629	2,101	7,024	2.91
93-94	.27495	1,786	491	1,541	4,923	2.76
94-95	.29037	1,295	376	1,107	3,382	2.61
95-96	.30639	919	282	778	2,275	2.48
96-97	.32279	637	205	535	1,497	2.35
97-98	.33935	432	147	358	962	2.23
98-99	.35622	285	101	234	604	2.12
99-100	.37354	184	69	149	370	2.01
100-101	.39109	115	45	93	221	1.92
101-102	.40865	70	29	56	128	1.83
102-103	.42600	41	17	33	72	1.74
103-104	.44311	24	11	19	39	1.67
104-105	.46012	13	6	10	20	1.59
105-106	.47708	7	3	5	10	1.52
106-107	.49403	4	2	3	5	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS--SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WEST VIRGINIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x^0
0-1	0.03069	100,000	3,069	97,348	7,107,252	71.07
1-2	.00245	96,931	237	96,812	7,009,904	72.32
2-3	.00144	96,694	140	96,624	6,913,092	71.49
3-4	.00102	96,554	98	96,505	6,816,468	70.60
4-5	.00092	96,456	89	96,411	6,719,963	69.67
5-6	.00071	96,367	68	96,333	6,623,552	68.73
6-7	.00057	96,299	55	96,271	6,527,219	67.78
7-8	.00048	96,244	46	96,221	6,430,948	66.82
8-9	.00043	96,198	42	96,177	6,334,727	65.85
9-10	.00041	96,156	39	96,136	6,238,550	64.88
10-11	.00042	96,117	41	96,097	6,142,414	63.91
11-12	.00043	96,076	41	96,056	6,046,317	62.93
12-13	.00045	96,035	43	96,013	5,950,261	61.96
13-14	.00047	95,992	45	95,969	5,854,248	60.99
14-15	.00049	95,947	47	95,923	5,758,279	60.02
15-16	.00052	95,900	50	95,875	5,662,356	59.04
16-17	.00056	95,850	54	95,823	5,566,481	58.07
17-18	.00062	95,796	59	95,766	5,470,658	57.11
18-19	.00070	95,737	67	95,703	5,374,892	56.14
19-20	.00080	95,670	77	95,632	5,279,189	55.18
20-21	.00091	95,593	87	95,550	5,183,557	54.23
21-22	.00101	95,506	96	95,458	5,088,007	53.27
22-23	.00110	95,410	105	95,357	4,992,549	52.33
23-24	.00116	95,305	111	95,250	4,897,192	51.38
24-25	.00122	95,194	116	95,136	4,801,942	50.44
25-26	.00126	95,078	120	95,018	4,706,806	49.50
26-27	.00131	94,958	124	94,896	4,611,788	48.57
27-28	.00136	94,834	129	94,769	4,516,892	47.63
28-29	.00142	94,705	134	94,638	4,422,123	46.69
29-30	.00149	94,571	141	94,500	4,327,485	45.76
30-31	.00155	94,430	147	94,356	4,232,985	44.83
31-32	.00163	94,283	153	94,206	4,138,629	43.90
32-33	.00172	94,130	162	94,049	4,044,423	42.97
33-34	.00182	93,968	171	93,882	3,950,374	42.04
34-35	.00192	93,797	180	93,707	3,856,492	41.12
35-36	.00203	93,617	191	93,522	3,762,785	40.19
36-37	.00216	93,426	201	93,326	3,669,263	39.27
37-38	.00231	93,225	216	93,117	3,575,937	38.36
38-39	.00248	93,009	230	92,894	3,482,820	37.45
39-40	.00268	92,779	249	92,654	3,389,926	36.54
40-41	.00289	92,530	267	92,396	3,297,272	35.63
41-42	.00310	92,263	286	92,120	3,204,876	34.74
42-43	.00332	91,977	306	91,824	3,112,756	33.84
43-44	.00352	91,671	322	91,510	3,020,932	32.95
44-45	.00370	91,349	338	91,180	2,929,422	32.07
45-46	.00390	91,011	355	90,833	2,838,242	31.19
46-47	.00414	90,656	376	90,468	2,747,409	30.31
47-48	.00445	90,280	401	90,079	2,656,941	29.43
48-49	.00482	89,879	434	89,662	2,566,862	28.56
49-50	.00524	89,445	468	89,211	2,477,200	27.70
50-51	.00571	88,977	508	88,723	2,387,989	26.84
51-52	.00623	88,469	552	88,193	2,299,266	25.99
52-53	.00681	87,917	598	87,618	2,211,073	25.15
53-54	.00746	87,319	652	86,993	2,123,455	24.32
54-55	.00817	86,667	708	86,313	2,036,462	23.50

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WEST VIRGINIA, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.00892	85,959	767	85,576	1,950,149	22.69
56-57	.00974	85,192	829	84,778	1,864,573	21.89
57-58	.01058	84,363	893	83,916	1,779,795	21.10
58-59	.01140	83,470	951	82,994	1,695,879	20.32
59-60	.01221	82,519	1,008	82,015	1,612,885	19.55
60-61	.01308	81,511	1,066	80,978	1,530,870	18.78
61-62	.01410	80,445	1,134	79,878	1,449,892	18.02
62-63	.01536	79,311	1,219	78,702	1,370,014	17.27
63-64	.01679	78,092	1,311	77,437	1,291,312	16.54
64-65	.01835	76,781	1,409	76,077	1,213,875	15.81
65-66	.02011	75,372	1,515	74,614	1,137,798	15.10
66-67	.02216	73,857	1,637	73,038	1,063,184	14.40
67-68	.02456	72,220	1,774	71,333	990,146	13.71
68-69	.02733	70,446	1,925	69,484	918,813	13.04
69-70	.03040	68,521	2,083	67,479	849,329	12.40
70-71	.03379	66,438	2,245	65,315	781,850	11.77
71-72	.03747	64,193	2,405	62,990	716,535	11.16
72-73	.04145	61,788	2,561	60,507	653,045	10.58
73-74	.04553	59,227	2,697	57,878	593,038	10.01
74-75	.04970	56,530	2,810	55,125	535,160	9.47
75-76	.05428	53,720	2,916	52,262	480,035	8.94
76-77	.05955	50,804	3,025	49,292	427,773	8.42
77-78	.06582	47,779	3,145	46,207	378,481	7.92
78-79	.07316	44,634	3,265	43,002	332,274	7.44
79-80	.08138	41,369	3,367	39,685	289,272	6.99
80-81	.09035	38,002	3,433	36,285	249,587	6.57
81-82	.09997	34,569	3,456	32,841	213,302	6.17
82-83	.11010	31,113	3,426	29,400	180,461	5.80
83-84	.12116	27,687	3,354	26,010	151,061	5.46
84-85	.13324	24,333	3,242	22,712	125,051	5.14
85-86	.14571	21,091	3,073	19,554	102,339	4.85
86-87	.15795	18,018	2,846	16,595	82,785	4.59
87-88	.16935	15,172	2,570	13,887	66,190	4.36
88-89	.17894	12,602	2,255	11,475	52,303	4.15
89-90	.18714	10,347	1,936	9,379	40,828	3.95
90-91	.19538	8,411	1,643	7,589	31,449	3.74
91-92	.20513	6,768	1,389	6,073	23,860	3.53
92-93	.21782	5,379	1,171	4,793	17,787	3.31
93-94	.23406	4,208	985	3,715	12,994	3.09
94-95	.25287	3,223	815	2,815	9,279	2.88
95-96	.27337	2,408	658	2,079	6,464	2.68
96-97	.29465	1,750	516	1,492	4,385	2.51
97-98	.31582	1,234	390	1,039	2,893	2.34
98-99	.33748	844	285	702	1,854	2.20
99-100	.36022	559	201	459	1,152	2.06
100-101	.38316	358	137	289	693	1.94
101-102	.40538	221	90	176	404	1.83
102-103	.42600	131	56	103	228	1.74
103-104	.44461	75	33	59	125	1.66
104-105	.46181	42	19	32	66	1.59
105-106	.47821	23	11	17	34	1.52
106-107	.49440	12	6	9	17	1.46
107-108	.51100	6	3	4	8	1.40
108-109	.52810	3	2	2	4	1.35
109-110	.54529	1	1	1	2	1.29
110-111	.56243	1	1	1	1	1.24

VITAL STATISTICS—SPECIAL REPORTS

TABLE 3. LIFE TABLE FOR NONWHITE MALES: WEST VIRGINIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.04638	100,000	4,638	96,135	5,803,661	58.04
1-2	.00438	95,362	418	95,153	5,707,526	59.85
2-3	.00208	94,944	197	94,846	5,612,373	59.11
3-4	.00197	94,747	187	94,654	5,517,527	58.23
4-5	.00155	94,560	146	94,487	5,422,873	57.35
5-6	.00127	94,414	120	94,354	5,328,386	56.44
6-7	.00106	94,294	100	94,244	5,234,032	55.51
7-8	.00091	94,194	86	94,151	5,139,788	54.57
8-9	.00081	94,108	76	94,070	5,045,637	53.62
9-10	.00077	94,032	73	93,996	4,951,667	52.66
10-11	.00078	93,959	73	93,923	4,857,571	51.70
11-12	.00084	93,886	79	93,847	4,763,648	50.74
12-13	.00094	93,807	88	93,763	4,669,801	49.78
13-14	.00110	93,719	103	93,668	4,576,038	48.83
14-15	.00131	93,616	123	93,555	4,482,370	47.88
15-16	.00157	93,493	146	93,420	4,388,815	46.94
16-17	.00185	93,347	173	93,260	4,295,395	46.02
17-18	.00213	93,174	199	93,075	4,202,135	45.10
18-19	.00241	92,975	224	92,863	4,109,060	44.20
19-20	.00270	92,751	250	92,626	4,016,197	43.30
20-21	.00301	92,501	279	92,362	3,923,571	42.42
21-22	.00334	92,222	308	92,068	3,831,209	41.54
22-23	.00370	91,914	340	91,744	3,739,141	40.68
23-24	.00413	91,574	378	91,385	3,647,397	39.83
24-25	.00462	91,196	421	90,986	3,556,012	38.99
25-26	.00513	90,775	466	90,542	3,465,026	38.17
26-27	.00558	90,309	504	90,057	3,374,484	37.37
27-28	.00593	89,805	532	89,539	3,284,427	36.57
28-29	.00613	89,273	548	88,999	3,194,888	35.79
29-30	.00622	88,725	551	88,450	3,105,889	35.01
30-31	.00626	88,174	552	87,898	3,017,439	34.22
31-32	.00633	87,622	555	87,344	2,929,541	33.43
32-33	.00650	87,067	566	86,784	2,842,197	32.64
33-34	.00676	86,501	585	86,209	2,755,413	31.85
34-35	.00707	85,916	607	85,613	2,669,204	31.07
35-36	.00743	85,309	634	84,992	2,583,591	30.29
36-37	.00785	84,675	665	84,343	2,498,599	29.51
37-38	.00833	84,010	699	83,660	2,414,256	28.74
38-39	.00889	83,311	741	82,940	2,330,596	27.97
39-40	.00953	82,570	787	82,176	2,247,656	27.22
40-41	.01022	81,783	836	81,365	2,165,480	26.48
41-42	.01092	80,947	884	80,505	2,084,115	25.75
42-43	.01162	80,063	930	79,598	2,003,610	25.03
43-44	.01229	79,133	973	78,647	1,924,012	24.31
44-45	.01296	78,160	1,013	77,654	1,845,365	23.61
45-46	.01364	77,147	1,052	76,621	1,767,711	22.91
46-47	.01437	76,095	1,093	75,548	1,691,090	22.22
47-48	.01517	75,002	1,138	74,433	1,615,542	21.54
48-49	.01602	73,864	1,183	73,272	1,541,109	20.86
49-50	.01689	72,681	1,228	72,067	1,467,837	20.20
50-51	.01784	71,453	1,275	70,816	1,395,770	19.53
51-52	.01889	70,178	1,325	69,515	1,324,954	18.88
52-53	.02009	68,853	1,384	68,161	1,255,439	18.23
53-54	.02142	67,469	1,445	66,747	1,187,278	17.60
54-55	.02287	66,024	1,510	65,269	1,120,531	16.97

TABLE 3. LIFE TABLE FOR NONWHITE MALES: WEST VIRGINIA, 1949-51—Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.02444	64,514	1,577	63,726	1,055,262	16.36
56-57	.02616	62,937	1,646	62,114	991,536	15.75
57-58	.02806	61,291	1,720	60,431	929,422	15.16
58-59	.03011	59,571	1,794	58,674	868,991	14.59
59-60	.03229	57,777	1,865	56,845	810,317	14.02
60-61	.03465	55,912	1,937	54,943	753,472	13.48
61-62	.03721	53,975	2,009	52,970	698,529	12.94
62-63	.04003	51,966	2,080	50,926	645,559	12.42
63-64	.04313	49,886	2,152	48,810	594,633	11.92
64-65	.04649	47,734	2,219	46,625	545,823	11.43
65-66	.05006	45,515	2,278	44,376	499,198	10.97
66-67	.05378	43,237	2,326	42,074	454,822	10.52
67-68	.05762	40,911	2,357	39,733	412,748	10.09
68-69	.06169	38,554	2,378	37,365	373,015	9.68
69-70	.06603	36,176	2,389	34,981	335,650	9.28
70-71	.07046	33,787	2,381	32,597	300,669	8.90
71-72	.07476	31,406	2,348	30,232	268,072	8.54
72-73	.07877	29,058	2,288	27,914	237,840	8.19
73-74	.08196	26,770	2,195	25,672	209,926	7.84
74-75	.08445	24,575	2,075	23,538	184,254	7.50
75-76	.08703	22,500	1,958	21,521	160,716	7.14
76-77	.09046	20,542	1,858	19,613	139,195	6.78
77-78	.09553	18,684	1,785	17,791	119,582	6.40
78-79	.10187	16,899	1,722	16,038	101,791	6.02
79-80	.10898	15,177	1,654	14,350	85,753	5.65
80-81	.11738	13,523	1,587	12,730	71,403	5.28
81-82	.12761	11,936	1,523	11,174	58,673	4.92
82-83	.14022	10,413	1,460	9,683	47,499	4.56
83-84	.15643	8,953	1,401	8,252	37,816	4.22
84-85	.17588	7,552	1,328	6,888	29,564	3.91
85-86	.19674	6,224	1,225	5,612	22,676	3.64
86-87	.21716	4,999	1,085	4,457	17,064	3.41
87-88	.23529	3,914	921	3,453	12,607	3.22
88-89	.25089	2,993	751	2,617	9,154	3.06
89-90	.26518	2,242	595	1,945	6,537	2.92
90-91	.27854	1,647	458	1,418	4,592	2.79
91-92	.29136	1,189	347	1,015	3,174	2.67
92-93	.30402	842	256	714	2,159	2.56
93-94	.31626	586	185	494	1,445	2.46
94-95	.32783	401	132	335	951	2.37
95-96	.33911	269	91	224	616	2.29
96-97	.35047	178	62	147	392	2.20
97-98	.36231	116	42	95	245	2.12
98-99	.37436	74	28	60	150	2.05
99-100	.38637	46	18	37	90	1.97
100-101	.39873	28	11	23	53	1.90
101-102	.41181	17	7	14	30	1.82
102-103	.42600	10	4	8	16	1.75
103-104	.44164	6	3	4	8	1.67
104-105	.45847	3	1	2	4	1.60
105-106	.47598	2	1	1	2	1.53
106-107	.49366	1	1	1	1	1.46
107-108	.51100					1.40
108-109	.52810					1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: WEST VIRGINIA, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Proportion of persons alive at beginning of year of age dying during year	Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
X to X + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.04208	100,000	4,208	96,529	6,362,827	63.63
1-2	0.0279	95,792	267	95,658	6,266,298	65.42
2-3	0.0181	95,525	173	95,438	6,170,640	64.60
3-4	0.0172	95,352	164	95,270	6,075,202	63.71
4-5	0.0150	95,188	143	95,116	5,979,932	62.82
5-6	0.0106	95,045	101	94,995	5,884,816	61.92
6-7	0.0076	94,944	72	94,908	5,789,821	60.98
7-8	0.0057	94,872	54	94,845	5,694,913	60.03
8-9	0.0048	94,818	45	94,795	5,600,068	59.06
9-10	0.0046	94,773	44	94,751	5,505,273	58.09
10-11	0.0049	94,729	46	94,706	5,410,522	57.12
11-12	0.0056	94,683	53	94,656	5,315,816	56.14
12-13	0.0064	94,630	61	94,599	5,221,160	55.17
13-14	0.0074	94,569	70	94,534	5,126,561	54.21
14-15	0.0088	94,499	83	94,457	5,032,027	53.25
15-16	0.0104	94,416	98	94,367	4,937,570	52.30
16-17	0.0120	94,318	114	94,261	4,843,203	51.35
17-18	0.0134	94,204	126	94,141	4,748,942	50.41
18-19	0.0146	94,078	137	94,010	4,654,801	49.48
19-20	0.0157	93,941	148	93,867	4,560,791	48.55
20-21	0.0167	93,793	156	93,715	4,466,924	47.63
21-22	0.0178	93,637	167	93,553	4,373,209	46.70
22-23	0.0191	93,470	178	93,381	4,279,656	45.79
23-24	0.0206	93,292	193	93,195	4,186,275	44.87
24-25	0.0221	93,099	205	92,996	4,093,080	43.96
25-26	0.0238	92,894	221	92,783	4,000,084	43.06
26-27	0.0255	92,673	237	92,554	3,907,301	42.16
27-28	0.0273	92,436	252	92,310	3,814,747	41.27
28-29	0.0289	92,184	267	92,051	3,722,437	40.38
29-30	0.0304	91,917	279	91,778	3,630,386	39.50
30-31	0.0321	91,638	294	91,491	3,538,608	38.62
31-32	0.0342	91,344	313	91,188	3,447,117	37.74
32-33	0.0372	91,031	338	90,862	3,355,929	36.87
33-34	0.0419	90,693	380	90,503	3,265,067	36.00
34-35	0.0471	90,313	426	90,100	3,174,564	35.15
35-36	0.0525	89,887	471	89,651	3,084,464	34.31
36-37	0.0577	89,416	516	89,158	2,994,813	33.49
37-38	0.0624	88,900	555	88,622	2,905,655	32.68
38-39	0.0663	88,345	586	88,052	2,817,033	31.89
39-40	0.0697	87,759	612	87,453	2,728,981	31.10
40-41	0.0730	87,147	636	86,829	2,641,528	30.31
41-42	0.0764	86,511	661	86,181	2,554,699	29.53
42-43	0.0805	85,850	691	85,505	2,468,518	28.75
43-44	0.0851	85,159	724	84,797	2,383,013	27.98
44-45	0.0899	84,435	760	84,055	2,298,216	27.22
45-46	0.0950	83,675	794	83,278	2,214,161	26.46
46-47	0.1007	82,881	835	82,463	2,130,883	25.71
47-48	0.1071	82,046	879	81,607	2,048,420	24.97
48-49	0.1139	81,167	924	80,705	1,966,813	24.23
49-50	0.1211	80,243	972	79,757	1,886,108	23.50
50-51	0.1290	79,271	1,023	78,760	1,806,351	22.79
51-52	0.1377	78,248	1,077	77,710	1,727,591	22.08
52-53	0.1477	77,171	1,140	76,601	1,649,881	21.38
53-54	0.1590	76,031	1,209	75,427	1,573,280	20.69
54-55	0.1715	74,822	1,283	74,181	1,497,853	20.02

TABLE 4. LIFE TABLE FOR NONWHITE FEMALES: WEST VIRGINIA, 1949-51—Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01850	73,539	1,360	72,859	1,423,672	19.36
56-57	.01991	72,179	1,438	71,460	1,350,813	18.71
57-58	.02137	70,741	1,511	69,986	1,279,353	18.09
58-59	.02283	69,230	1,581	68,439	1,209,367	17.47
59-60	.02431	67,649	1,644	66,827	1,140,928	16.87
60-61	.02586	66,005	1,707	65,151	1,074,101	16.27
61-62	.02757	64,298	1,773	63,411	1,008,950	15.69
62-63	.02949	62,525	1,844	61,603	945,539	15.12
63-64	.03170	60,681	1,923	59,719	883,936	14.57
64-65	.03416	58,758	2,008	57,754	824,217	14.03
65-66	.03675	56,750	2,085	55,708	766,463	13.51
66-67	.03935	54,665	2,151	53,589	710,755	13.00
67-68	.04184	52,514	2,197	51,415	657,166	12.51
68-69	.04412	50,317	2,220	49,207	605,751	12.04
69-70	.04626	48,097	2,225	46,984	556,544	11.57
70-71	.04843	45,872	2,222	44,761	509,560	11.11
71-72	.05075	43,650	2,215	42,543	464,799	10.65
72-73	.05339	41,435	2,212	40,329	422,256	10.19
73-74	.05599	39,223	2,196	38,125	381,927	9.74
74-75	.05844	37,027	2,164	35,945	343,802	9.29
75-76	.06129	34,863	2,137	33,794	307,857	8.83
76-77	.06504	32,726	2,128	31,662	274,063	8.37
77-78	.07024	30,598	2,150	29,523	242,401	7.92
78-79	.07752	28,448	2,205	27,346	212,878	7.48
79-80	.08652	26,243	2,270	25,108	185,532	7.07
80-81	.09629	23,973	2,309	22,818	160,424	6.69
81-82	.10587	21,664	2,293	20,517	137,606	6.35
82-83	.11429	19,371	2,214	18,264	117,089	6.04
83-84	.12062	17,157	2,070	16,122	98,825	5.76
84-85	.12551	15,087	1,893	14,140	82,703	5.48
85-86	.13034	13,194	1,720	12,334	68,563	5.20
86-87	.13652	11,474	1,566	10,691	56,229	4.90
87-88	.14545	9,908	1,441	9,187	45,538	4.60
88-89	.15746	8,467	1,334	7,800	36,351	4.29
89-90	.17163	7,133	1,224	6,521	28,551	4.00
90-91	.18744	5,909	1,108	5,355	22,030	3.73
91-92	.20439	4,801	981	4,311	16,675	3.47
92-93	.22196	3,820	848	3,396	12,364	3.24
93-94	.24049	2,972	715	2,615	8,968	3.02
94-95	.26033	2,257	587	1,964	6,353	2.81
95-96	.28097	1,670	469	1,435	4,389	2.63
96-97	.30188	1,201	363	1,019	2,954	2.46
97-98	.32257	838	270	703	1,935	2.31
98-99	.34337	568	195	470	1,232	2.17
99-100	.36462	373	136	305	762	2.04
100-101	.38582	237	92	191	457	1.93
101-102	.40645	145	59	116	266	1.83
102-103	.42600	86	36	68	150	1.74
103-104	.44418	50	22	39	82	1.66
104-105	.46133	28	13	21	43	1.59
105-106	.47788	15	7	11	22	1.52
106-107	.49429	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00244. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.44 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 95,982 will complete the first year of life and enter the second; 95,721 will begin the third year; 93,703 will reach age 21; and 39,751 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 4,018 die in the first year of life, 261 in the second year, 228 in the twenty-second year, and 2,684 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 93,589. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 93,589 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,537,653 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,531,556.

*Column 7—Average remaining lifetime (e_x^o).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 93,589 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,703 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,537,653) is the total number of years lived after attaining age 21 by the 93,703 reaching that age. This number of years divided by the number of persons (4,537,653 divided by 93,703) gives 48.43 years as the average remaining lifetime of white males at age 21.

Wisconsin Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 67.56 years for white males and 72.52 years for white females. This State ranks ninth among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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1 White males -----	448
2 White females -----	450
Explanation of the columns of the life table -----	452

AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: WISCONSIN, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
0-1	0.02890	100,000	2,890	97,458	6,756,306	67.56
1-2	.00176	97,110	171	97,025	6,658,848	68.57
2-3	.00120	96,939	116	96,881	6,561,823	67.69
3-4	.00097	96,823	94	96,776	6,464,942	66.77
4-5	.00092	96,729	89	96,684	6,369,166	65.84
5-6	.00081	96,640	78	96,601	6,271,482	64.90
6-7	.00073	96,562	71	96,526	6,174,881	63.95
7-8	.00067	96,491	65	96,459	6,078,355	62.99
8-9	.00063	96,426	60	96,396	5,981,896	62.04
9-10	.00062	96,366	60	96,336	5,885,500	61.07
10-11	.00062	96,306	60	96,276	5,789,164	60.11
11-12	.00065	96,246	62	96,215	5,692,888	59.15
12-13	.00071	96,184	69	96,150	5,596,673	58.19
13-14	.00080	96,115	77	96,077	5,500,523	57.23
14-15	.00094	96,038	90	95,993	5,404,446	56.27
15-16	.00108	95,948	103	95,896	5,308,453	55.33
16-17	.00123	95,845	118	95,786	5,212,557	54.39
17-18	.00135	95,727	130	95,662	5,116,771	53.45
18-19	.00145	95,597	138	95,528	5,021,109	52.52
19-20	.00155	95,459	148	95,385	4,925,581	51.60
20-21	.00164	95,311	156	95,233	4,830,196	50.68
21-22	.00170	95,155	162	95,074	4,734,963	49.76
22-23	.00173	94,993	165	94,911	4,639,889	48.84
23-24	.00171	94,828	162	94,747	4,544,978	47.93
24-25	.00164	94,666	155	94,589	4,450,231	47.01
25-26	.00156	94,511	147	94,437	4,355,642	46.09
26-27	.00149	94,364	141	94,293	4,261,205	45.16
27-28	.00145	94,223	137	94,155	4,166,912	44.22
28-29	.00145	94,086	136	94,018	4,072,757	43.29
29-30	.00146	93,950	137	93,881	3,978,739	42.35
30-31	.00150	93,813	141	93,742	3,884,858	41.41
31-32	.00156	93,672	146	93,599	3,791,116	40.47
32-33	.00166	93,526	155	93,448	3,697,517	39.53
33-34	.00179	93,371	167	93,287	3,604,069	38.60
34-35	.00196	93,204	183	93,112	3,510,782	37.67
35-36	.00215	93,021	200	92,921	3,417,670	36.74
36-37	.00236	92,821	219	92,711	3,324,749	35.82
37-38	.00259	92,602	240	92,482	3,232,038	34.90
38-39	.00282	92,362	260	92,232	3,139,556	33.99
39-40	.00307	92,102	283	91,960	3,047,324	33.09
40-41	.00333	91,819	306	91,666	2,955,364	32.19
41-42	.00364	91,513	333	91,346	2,863,698	31.29
42-43	.00401	91,180	366	90,997	2,772,352	30.41
43-44	.00444	90,814	403	90,613	2,681,355	29.53
44-45	.00492	90,411	445	90,189	2,590,742	28.66
45-46	.00545	89,966	490	89,721	2,500,553	27.79
46-47	.00602	89,476	539	89,207	2,410,832	26.94
47-48	.00663	88,937	589	88,642	2,321,625	26.10
48-49	.00725	88,348	641	88,027	2,232,983	25.27
49-50	.00788	87,707	691	87,362	2,144,956	24.46
50-51	.00857	87,016	746	86,643	2,057,594	23.65
51-52	.00934	86,270	805	85,867	1,970,951	22.85
52-53	.01024	85,465	876	85,027	1,885,084	22.06
53-54	.01127	84,589	953	84,113	1,800,057	21.28
54-55	.01240	83,636	1,037	83,117	1,715,944	20.52

TABLE 1. LIFE TABLE FOR WHITE MALES: WISCONSIN, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	${}^o e_x$
55-56	.01363	82,599	1,126	82,036	1,632,827	19.77
56-57	.01495	81,473	1,218	80,864	1,550,791	19.03
57-58	.01634	80,255	1,311	79,599	1,469,927	18.32
58-59	.01777	78,944	1,403	78,242	1,390,328	17.61
59-60	.01924	77,541	1,492	76,795	1,312,086	16.92
60-61	.02082	76,049	1,583	75,257	1,235,291	16.24
61-62	.02256	74,466	1,680	73,626	1,160,034	15.58
62-63	.02452	72,786	1,785	71,893	1,086,428	14.93
63-64	.02670	71,001	1,896	70,053	1,014,515	14.29
64-65	.02906	69,105	2,008	68,101	944,462	13.67
65-66	.03161	67,097	2,121	66,037	876,361	13.06
66-67	.03433	64,976	2,230	63,861	810,324	12.47
67-68	.03723	62,746	2,336	61,578	746,463	11.90
68-69	.04016	60,410	2,427	59,196	684,885	11.34
69-70	.04313	57,983	2,500	56,733	625,699	10.79
70-71	.04634	55,493	2,571	54,197	568,956	10.25
71-72	.05003	52,912	2,648	51,588	514,759	9.73
72-73	.05440	50,264	2,734	48,897	463,171	9.21
73-74	.05944	47,530	2,825	46,117	414,274	8.72
74-75	.06499	44,705	2,906	43,252	368,157	8.24
75-76	.07110	41,799	2,971	40,313	324,905	7.77
76-77	.07780	38,828	3,021	37,317	284,592	7.33
77-78	.08514	35,807	3,049	34,282	247,275	6.91
78-79	.09315	32,758	3,051	31,232	212,993	6.50
79-80	.10181	29,707	3,025	28,195	181,761	6.12
80-81	.11106	26,682	2,963	25,201	153,566	5.76
81-82	.12085	23,719	2,866	22,286	128,365	5.41
82-83	.13112	20,853	2,735	19,485	106,079	5.09
83-84	.14135	18,118	2,561	16,838	86,594	4.78
84-85	.15156	15,557	2,358	14,378	69,756	4.48
85-86	.16256	13,199	2,145	12,127	55,378	4.20
86-87	.17514	11,054	1,936	10,086	43,251	3.91
87-88	.19011	9,118	1,734	8,251	33,165	3.64
88-89	.20879	7,384	1,541	6,614	24,914	3.37
89-90	.23064	5,843	1,348	5,169	18,300	3.13
90-91	.25368	4,495	1,140	3,925	13,131	2.92
91-92	.27592	3,355	926	2,892	9,206	2.74
92-93	.29537	2,429	717	2,070	6,314	2.60
93-94	.31156	1,712	534	1,445	4,244	2.48
94-95	.32580	1,178	384	986	2,790	2.38
95-96	.33883	794	269	660	1,813	2.28
96-97	.35134	525	184	433	1,153	2.19
97-98	.36406	341	124	279	720	2.11
98-99	.37651	217	82	176	441	2.04
99-100	.38822	135	52	109	265	1.96
100-101	.39989	83	33	66	156	1.89
101-102	.41224	50	21	39	90	1.82
102-103	.42600	29	12	23	51	1.75
103-104	.44152	17	8	13	28	1.67
104-105	.45834	9	4	7	15	1.60
105-106	.47589	5	2	4	8	1.53
106-107	.49363	3	2	2	4	1.46
107-108	.51100	1	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54520					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WISCONSIN, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
Period of life between two exact ages stated	Proportion of persons alive at beginning of year of age dying during year	(3)	(4)	(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02132	100,000	2,152	98,158	7,251,951	72.52
1-2	.00157	97,868	154	97,791	7,153,793	73.10
2-3	.00105	97,714	102	97,663	7,056,002	72.21
3-4	.00078	97,612	76	97,574	6,958,539	71.29
4-5	.00056	97,536	55	97,508	6,860,765	70.34
5-6	.00050	97,481	49	97,457	6,763,257	69.38
6-7	.00046	97,432	45	97,410	6,665,800	68.41
7-8	.00042	97,387	40	97,367	6,568,390	67.45
8-9	.00039	97,347	38	97,328	6,471,023	66.47
9-10	.00037	97,309	36	97,291	6,373,695	65.50
10-11	.00037	97,273	36	97,255	6,276,404	64.52
11-12	.00037	97,237	36	97,219	6,179,149	63.55
12-13	.00038	97,201	37	97,182	6,081,930	62.57
13-14	.00041	97,164	40	97,144	5,984,748	61.59
14-15	.00045	97,124	44	97,102	5,887,604	60.62
15-16	.00050	97,080	48	97,056	5,790,502	59.65
16-17	.00055	97,032	54	97,005	5,693,446	58.68
17-18	.00059	96,978	57	96,950	5,596,441	57.71
18-19	.00061	96,921	59	96,891	5,499,491	56.74
19-20	.00062	96,862	60	96,832	5,402,600	55.78
20-21	.00063	96,802	61	96,771	5,305,768	54.81
21-22	.00064	96,741	62	96,710	5,208,997	53.84
22-23	.00066	96,679	64	96,647	5,112,287	52.88
23-24	.00069	96,615	67	96,582	5,015,640	51.91
24-25	.00072	96,548	69	96,514	4,919,058	50.95
25-26	.00076	96,479	73	96,442	4,822,544	49.99
26-27	.00080	96,406	78	96,367	4,726,102	49.02
27-28	.00085	96,328	81	96,288	4,629,735	48.06
28-29	.00090	96,247	87	96,203	4,533,447	47.10
29-30	.00096	96,160	92	96,114	4,437,244	46.14
30-31	.00102	96,068	98	96,019	4,341,130	45.19
31-32	.00109	95,970	105	95,917	4,245,111	44.23
32-33	.00117	95,865	112	95,809	4,149,194	43.28
33-34	.00125	95,753	120	95,693	4,053,385	42.33
34-35	.00134	95,633	128	95,569	3,957,692	41.38
35-36	.00143	95,505	137	95,437	3,862,123	40.44
36-37	.00154	95,368	146	95,295	3,766,686	39.50
37-38	.00167	95,222	159	95,142	3,671,391	38.56
38-39	.00181	95,063	172	94,977	3,576,249	37.62
39-40	.00195	94,891	185	94,798	3,481,272	36.69
40-41	.00211	94,706	200	94,606	3,386,474	35.76
41-42	.00231	94,506	219	94,397	3,291,868	34.83
42-43	.00256	94,287	241	94,167	3,197,471	33.91
43-44	.00287	94,046	270	93,911	3,103,304	33.00
44-45	.00324	93,776	304	93,624	3,009,393	32.09
45-46	.00363	93,472	339	93,303	2,915,769	31.19
46-47	.00404	93,133	376	92,945	2,822,466	30.31
47-48	.00443	92,757	411	92,551	2,729,521	29.43
48-49	.00479	92,346	443	92,125	2,636,970	28.56
49-50	.00513	91,903	471	91,668	2,544,845	27.69
50-51	.00548	91,432	501	91,181	2,453,177	26.83
51-52	.00587	90,931	534	90,664	2,361,996	25.98
52-53	.00634	90,397	573	90,111	2,271,332	25.13
53-54	.00687	89,824	617	89,515	2,181,221	24.28
54-55	.00743	89,207	663	88,876	2,091,706	23.45

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WISCONSIN, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	Average number of years of life remaining at beginning of year of age (7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00806	88,544	714	88,187	2,002,830	22.62
56-57	.00878	87,830	771	87,445	1,914,643	21.80
57-58	.00962	87,059	837	86,641	1,827,198	20.99
58-59	.01054	86,222	909	85,767	1,740,557	20.19
59-60	.01153	85,313	984	84,821	1,654,790	19.40
60-61	.01263	84,329	1,065	83,797	1,569,969	18.62
61-62	.01389	83,264	1,156	82,686	1,486,172	17.85
62-63	.01537	82,108	1,262	81,477	1,403,486	17.09
63-64	.01704	80,846	1,378	80,157	1,322,009	16.35
64-65	.01887	79,468	1,499	78,718	1,241,852	15.63
65-66	.02089	77,969	1,629	77,154	1,163,134	14.92
66-67	.02314	76,340	1,767	75,457	1,085,980	14.23
67-68	.02564	74,573	1,912	73,617	1,010,523	13.55
68-69	.02835	72,661	2,060	71,631	936,906	12.89
69-70	.03123	70,601	2,205	69,499	865,275	12.26
70-71	.03438	68,396	2,351	67,221	795,776	11.63
71-72	.03787	66,045	2,501	64,794	728,555	11.03
72-73	.04179	63,544	2,656	62,216	663,761	10.45
73-74	.04597	60,888	2,799	59,489	601,545	9.88
74-75	.05036	58,089	2,925	56,627	542,056	9.33
75-76	.05521	55,164	3,046	53,641	485,429	8.80
76-77	.06074	52,118	3,165	50,535	431,788	8.28
77-78	.06720	48,953	3,290	47,308	381,253	7.79
78-79	.07471	45,663	3,411	43,957	333,945	7.31
79-80	.08309	42,252	3,511	40,496	289,988	6.86
80-81	.09220	38,741	3,572	36,955	249,492	6.44
81-82	.10184	35,169	3,582	33,378	212,537	6.04
82-83	.11186	31,587	3,533	29,821	179,159	5.67
83-84	.12199	28,054	3,422	26,343	149,538	5.32
84-85	.13235	24,632	3,260	23,002	122,995	4.99
85-86	.14333	21,372	3,064	19,840	99,993	4.68
86-87	.15531	18,308	2,843	16,887	80,153	4.38
87-88	.16868	15,465	2,609	14,161	63,266	4.09
88-89	.18388	12,856	2,364	11,674	49,105	3.82
89-90	.20064	10,492	2,105	9,440	37,431	3.57
90-91	.21832	8,387	1,831	7,472	27,991	3.34
91-92	.23625	6,556	1,549	5,782	20,519	3.13
92-93	.25379	5,007	1,271	4,372	14,737	2.94
93-94	.27095	3,736	1,012	3,230	10,365	2.77
94-95	.28817	2,724	785	2,332	7,135	2.62
95-96	.30542	1,939	592	1,643	4,803	2.48
96-97	.32267	1,347	435	1,130	3,160	2.35
97-98	.33991	912	310	757	2,030	2.23
98-99	.35715	602	215	495	1,273	2.11
99-100	.37440	387	145	315	778	2.01
100-101	.39164	242	95	195	463	1.92
101-102	.40885	147	60	117	268	1.83
102-103	.42600	87	37	69	151	1.74
103-104	.44307	50	22	39	82	1.67
104-105	.46008	28	13	21	43	1.59
105-106	.47705 ¹	15	7	11	22	1.52
106-107	.49402	8	4	6	11	1.46
107-108	.51100	4	2	3	5	1.40
108-109	.52810	2	1	1	2	1.35
109-110	.54529	1	1	1	1	1.29

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

Column 1—Year of age (x to $x + 1$).—The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

Column 2—Proportion dying (q_x).—This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00170. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 1.70 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 97,110 will complete the first year of life and enter the second; 96,939 will begin the third year; 95,155 will reach age 21; and 41,799 will live to age 75.

Column 4—Number dying (d_x).—This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 2,890 die in the first year of life, 171 in the second year, 162 in the twenty-second year, and 2,971 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 95,074. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 95,074 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,734,963 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,756,306.

Column 7—Average remaining lifetime (e_x^o).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 95,074 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 95,155 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,734,963) is the total number of years lived after attaining age 21 by the 95,155 reaching that age. This number of years divided by the number of persons (4,734,963 divided by 95,155) gives 49.76 years as the average remaining lifetime of white males at age 21.

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VITAL STATISTICS-SPECIAL REPORTS
LIFE TABLES FOR 1949-51

Wyoming

State Life Tables: 1949-51



U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

National Office of Vital Statistics

Wyoming Life Tables, 1949-51

This report contains the 1949-51 detailed life tables for this State. Separate life tables are presented for males and females among the white population.

The life tables for this State are based on the 1950 census of population and on resident deaths during the 3-year period, 1949-51. In deriving the life table values at ages under 5, use was made of reported births for each of the 8 years 1944 to 1951, and of deaths among them during this period. Special methods were devised to determine the proportions dying at ages over 92 because the recorded population and death figures at these ages were regarded as unreliable. Therefore, the life table values at the oldest ages may not necessarily represent actual conditions.

The life table assumes that a closed cohort traced from birth is subject, through successive ages, to the mortality rates of a population group under observation during a specified period. For example, table 1 presents a life table for white males; this shows the progress of a cohort starting with 100,000 live births and subject to the average

annual mortality rate for successive ages during the 3-year period, 1949-51.

Longevity, in a life table, is measured by the average remaining lifetime corresponding to the observed mortality. The average remaining lifetime at birth is customarily called the expectation of life at birth. According to the 1949-51 life tables for this State, the expectation of life at birth is 65.46 years for white males and 72.12 years for white females. This State ranks 42d among the 48 States and the District of Columbia in the expectation of life at birth for white males. The text table on the following page presents values of the average remaining lifetime at specified ages for the United States, each State, and the District of Columbia. Figures for white males and white females are shown for all areas, and figures for non-white males and nonwhite females are shown for the United States, 16 Southern States, and the District of Columbia.

These life tables were computed in the Statistical Bureau of the Metropolitan Life Insurance Company.

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AVERAGE REMAINING LIFETIME IN YEARS AT SPECIFIED AGES, BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1949-51

(States are ranked according to the expectation of life at birth for white males in years, computed to two decimal places)

Rank	AREA	AT BIRTH				AGE 25				AGE 65			
		White		Nonwhite		White		Nonwhite		White		Nonwhite	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	South Dakota-----	68.4	73.6	(¹)	(¹)	46.8	51.1	(¹)	(¹)	13.4	15.5	(¹)	(¹)
2	Nebraska-----	68.2	74.0	(¹)	(¹)	46.8	51.6	(¹)	(¹)	13.5	15.9	(¹)	(¹)
3	Minnesota-----	68.2	73.4	(¹)	(¹)	46.6	50.9	(¹)	(¹)	13.3	15.4	(¹)	(¹)
4	Iowa-----	68.2	73.7	(¹)	(¹)	46.8	51.2	(¹)	(¹)	13.4	15.6	(¹)	(¹)
5	Kansas-----	68.0	73.7	(¹)	(¹)	46.5	51.4	(¹)	(¹)	13.4	15.8	(¹)	(¹)
6	North Dakota-----	67.9	73.2	(¹)	(¹)	46.7	50.7	(¹)	(¹)	13.4	15.0	(¹)	(¹)
7	Arkansas-----	67.8	73.5	62.8	65.5	46.7	51.4	43.1	44.8	14.1	16.1	14.4	15.8
8	Connecticut-----	67.7	72.8	(¹)	(¹)	45.4	49.9	(¹)	(¹)	12.8	15.0	(¹)	(¹)
9	Wisconsin-----	67.6	72.5	(¹)	(¹)	46.1	50.0	(¹)	(¹)	13.1	14.9	(¹)	(¹)
10	Oklahoma-----	67.4	73.8	60.2	64.1	46.3	51.8	41.9	44.7	13.7	16.1	13.2	15.2
11	Utah-----	66.9	73.4	(¹)	(¹)	45.6	51.1	(¹)	(¹)	13.1	15.8	(¹)	(¹)
12	Missouri-----	66.8	72.5	(¹)	(¹)	45.5	50.3	(¹)	(¹)	13.0	15.3	(¹)	(¹)
13	Washington-----	66.7	72.9	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.5	(¹)	(¹)
14	Massachusetts-----	66.7	72.1	(¹)	(¹)	44.6	49.3	(¹)	(¹)	12.4	14.8	(¹)	(¹)
14	Oregon-----	66.7	73.4	(¹)	(¹)	45.4	50.8	(¹)	(¹)	13.1	15.6	(¹)	(¹)
16	Rhode Island-----	66.7	71.7	(¹)	(¹)	44.5	49.0	(¹)	(¹)	12.1	14.4	(¹)	(¹)
17	Ohio-----	66.6	72.1	(¹)	(¹)	45.1	49.7	(¹)	(¹)	12.8	14.9	(¹)	(¹)
18	New Jersey-----	66.6	71.5	(¹)	(¹)	44.5	48.8	(¹)	(¹)	12.2	14.3	(¹)	(¹)
19	Florida-----	66.6	73.7	57.3	62.2	45.3	51.5	38.0	41.9	13.8	16.5	13.3	16.0
20	New Hampshire-----	66.6	72.3	(¹)	(¹)	45.0	49.8	(¹)	(¹)	12.6	15.2	(¹)	(¹)
21	North Carolina-----	66.5	72.9	58.5	62.8	45.1	50.6	39.2	42.6	13.1	15.4	13.4	15.4
22	Idaho-----	66.5	73.1	(¹)	(¹)	45.6	50.9	(¹)	(¹)	13.3	15.6	(¹)	(¹)
22	Michigan-----	66.5	71.8	(¹)	(¹)	45.0	49.5	(¹)	(¹)	12.6	14.7	(¹)	(¹)
24	Maine-----	66.4	71.6	(¹)	(¹)	45.5	49.6	(¹)	(¹)	13.0	14.9	(¹)	(¹)
25	Indiana-----	66.4	71.9	(¹)	(¹)	45.2	49.7	(¹)	(¹)	12.8	15.0	(¹)	(¹)
26	Mississippi-----	66.3	72.6	60.1	62.3	45.3	50.5	41.0	42.0	13.0	15.3	12.7	13.6
26	Vermont-----	66.3	72.1	(¹)	(¹)	45.1	49.8	(¹)	(¹)	12.8	15.0	(¹)	(¹)
28	Maryland-----	66.3	71.9	58.1	62.0	44.3	49.3	38.3	41.1	12.3	14.6	11.8	13.3
28	New York-----	66.3	71.3	(¹)	(¹)	44.3	48.6	(¹)	(¹)	12.2	14.2	(¹)	(¹)
	UNITED STATES-----	66.3	72.0	58.9	62.7	44.9	49.8	39.5	42.4	12.8	15.0	12.8	14.5
30	Colorado-----	66.3	72.2	(¹)	(¹)	45.8	50.6	(¹)	(¹)	13.3	15.8	(¹)	(¹)
31	Tennessee-----	66.2	71.6	58.9	61.8	45.4	50.1	39.5	41.4	13.1	15.1	12.6	14.1
32	Illinois-----	66.0	71.6	(¹)	(¹)	44.3	49.1	(¹)	(¹)	12.4	14.6	(¹)	(¹)
33	Louisiana-----	66.0	72.8	59.9	63.0	44.5	50.4	40.5	42.9	12.7	15.3	13.1	14.6
34	Alabama-----	66.0	72.2	58.3	61.8	45.1	50.3	39.2	41.7	13.0	15.1	13.5	15.3
34	Delaware-----	66.0	71.3	56.5	61.9	44.4	48.9	38.0	41.1	12.2	14.4	11.2	13.4
36	Virginia-----	66.0	72.4	56.9	61.2	44.9	50.3	37.8	41.0	12.7	15.2	12.1	13.8
37	Pennsylvania-----	65.9	71.0	(¹)	(¹)	44.2	48.5	(¹)	(¹)	12.2	14.2	(¹)	(¹)
38	Georgia-----	65.9	72.8	56.9	61.6	44.5	50.5	37.2	41.2	12.9	15.4	14.0	15.9
39	California-----	65.8	72.7	(¹)	(¹)	44.3	50.3	(¹)	(¹)	12.6	15.7	(¹)	(¹)
40	Montana-----	65.7	72.4	(¹)	(¹)	44.6	50.0	(¹)	(¹)	12.8	15.1	(¹)	(¹)
41	Kentucky-----	65.7	71.3	57.3	60.3	45.3	49.9	38.0	40.3	13.3	15.2	11.9	13.0
42	Wyoming-----	65.5	72.1	(¹)	(¹)	45.2	50.5	(¹)	(¹)	12.9	15.6	(¹)	(¹)
43	Texas-----	65.4	72.1	59.7	63.6	45.3	51.2	40.7	43.5	13.3	16.1	13.7	15.6
44	West Virginia-----	65.3	71.1	58.0	63.6	44.9	49.5	38.2	43.1	13.3	15.1	11.0	13.5
45	District of Columbia-----	65.1	72.7	58.7	63.5	43.1	50.1	37.8	41.9	11.9	15.3	10.7	12.7
46	South Carolina-----	64.8	72.4	56.2	60.9	43.6	50.2	36.7	40.5	12.5	15.3	13.5	15.2
47	New Mexico-----	64.3	69.1	(¹)	(¹)	45.5	49.5	(¹)	(¹)	13.5	15.6	(¹)	(¹)
48	Arizona-----	63.3	71.4	(¹)	(¹)	43.1	50.5	(¹)	(¹)	12.8	16.3	(¹)	(¹)
49	Nevada-----	62.8	71.5	(¹)	(¹)	42.3	49.7	(¹)	(¹)	11.9	15.5	(¹)	(¹)

¹Not computed.

Source: State life tables for 1949-51, computed by the Statistical Bureau of the Metropolitan Life Insurance Company from mortality and population data supplied by the National Office of Vital Statistics and the U. S. Bureau of the Census.

VITAL STATISTICS—SPECIAL REPORTS

TABLE 1. LIFE TABLE FOR WHITE MALES: WYOMING, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.03746	100,000	3,746	96,706	6,545,645	65.46
1-2	.00225	96,254	217	96,146	6,448,939	67.00
2-3	.00170	96,037	163	95,956	6,352,793	66.15
3-4	.00109	95,874	104	95,822	6,256,837	65.26
4-5	.00093	95,770	89	95,725	6,161,015	64.33
5-6	.00097	95,681	93	95,634	6,065,290	63.39
6-7	.00103	95,588	99	95,539	5,969,656	62.45
7-8	.00109	95,489	104	95,437	5,874,117	61.52
8-9	.00116	95,385	110	95,330	5,778,680	60.58
9-10	.00123	95,275	118	95,216	5,683,350	59.65
10-11	.00131	95,157	124	95,095	5,588,134	58.73
11-12	.00139	95,033	132	94,967	5,493,039	57.80
12-13	.00148	94,901	141	94,830	5,398,072	56.88
13-14	.00157	94,760	149	94,686	5,303,242	55.96
14-15	.00166	94,611	157	94,533	5,209,556	55.05
15-16	.00176	94,454	166	94,371	5,114,023	54.14
16-17	.00186	94,288	175	94,200	5,019,652	53.24
17-18	.00196	94,113	185	94,021	4,925,452	52.34
18-19	.00206	93,928	193	93,832	4,831,431	51.44
19-20	.00218	93,735	205	93,633	4,737,599	50.54
20-21	.00228	93,530	213	93,424	4,643,966	49.65
21-22	.00238	93,317	222	93,206	4,550,542	48.76
22-23	.00246	93,095	229	92,981	4,457,336	47.88
23-24	.00251	92,866	233	92,750	4,364,355	47.00
24-25	.00255	92,633	236	92,515	4,271,605	46.11
25-26	.00258	92,397	239	92,278	4,179,090	45.23
26-27	.00259	92,158	238	92,039	4,086,812	44.35
27-28	.00261	91,920	240	91,800	3,994,773	43.46
28-29	.00261	91,680	239	91,560	3,902,973	42.57
29-30	.00260	91,441	238	91,322	3,811,413	41.68
30-31	.00258	91,203	236	91,085	3,720,091	40.79
31-32	.00259	90,967	235	90,850	3,629,006	39.89
32-33	.00263	90,732	239	90,613	3,538,156	39.00
33-34	.00271	90,493	245	90,371	3,447,543	38.10
34-35	.00282	90,248	254	90,121	3,357,172	37.20
35-36	.00295	89,994	266	89,861	3,267,051	36.30
36-37	.00311	89,728	279	89,589	3,177,190	35.41
37-38	.00329	89,449	294	89,302	3,087,601	34.52
38-39	.00347	89,155	310	89,000	2,998,299	33.63
39-40	.00366	88,845	325	88,683	2,909,299	32.75
40-41	.00388	88,520	343	88,348	2,820,616	31.86
41-42	.00417	88,177	368	87,993	2,732,268	30.99
42-43	.00455	87,809	400	87,609	2,644,275	30.11
43-44	.00507	87,409	443	87,188	2,556,666	29.25
44-45	.00570	86,966	495	86,718	2,469,478	28.40
45-46	.00639	86,471	553	86,194	2,382,760	27.56
46-47	.00708	85,918	608	85,614	2,296,566	26.73
47-48	.00773	85,310	660	84,980	2,210,952	25.92
48-49	.00829	84,650	701	84,299	2,125,972	25.11
49-50	.00880	83,949	739	83,579	2,041,673	24.32
50-51	.00931	83,210	775	82,822	1,958,094	23.53
51-52	.00989	82,435	815	82,027	1,875,272	22.75
52-53	.01058	81,620	864	81,188	1,793,245	21.97
53-54	.01135	80,756	916	80,298	1,712,057	21.20
54-55	.01218	79,840	973	79,353	1,631,759	20.44

TABLE 1. LIFE TABLE FOR WHITE MALES: WYOMING, 1949-51--Continued

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	Average number of years of life remaining at beginning of year of age
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x + 1$	q_x	l_x	d_x	L_x	T_x	e_x
55-56	.01309	78,867	1,032	78,351	1,552,406	19.68
56-57	.01415	77,835	1,101	77,284	1,474,055	18.94
57-58	.01541	76,734	1,183	76,142	1,396,771	18.20
58-59	.01681	75,551	1,270	74,916	1,320,629	17.48
59-60	.01832	74,281	1,361	73,601	1,245,713	16.77
60-61	.02001	72,920	1,459	72,191	1,172,112	16.07
61-62	.02197	71,461	1,570	70,676	1,099,921	15.39
62-63	.02427	69,891	1,696	69,043	1,029,245	14.73
63-64	.02697	68,195	1,839	67,275	960,202	14.08
64-65	.03002	66,356	1,992	65,360	892,927	13.46
65-66	.03332	64,364	2,145	63,291	827,567	12.86
66-67	.03680	62,219	2,290	61,074	764,276	12.28
67-68	.04036	59,929	2,418	58,720	703,202	11.73
68-69	.04402	57,511	2,532	56,245	644,482	11.21
69-70	.04785	54,979	2,631	53,664	588,237	10.70
70-71	.05180	52,348	2,711	50,992	534,573	10.21
71-72	.05586	49,637	2,773	48,250	483,581	9.74
72-73	.05999	46,864	2,811	45,458	435,331	9.29
73-74	.06395	44,053	2,818	42,644	389,873	8.85
74-75	.06775	41,235	2,793	39,839	347,229	8.42
75-76	.07176	38,442	2,759	37,062	307,390	8.00
76-77	.07637	35,683	2,725	34,321	270,328	7.58
77-78	.08194	32,958	2,701	31,608	236,007	7.16
78-79	.08827	30,257	2,670	28,922	204,399	6.76
79-80	.09510	27,587	2,624	26,275	175,477	6.36
80-81	.10275	24,963	2,565	23,681	149,202	5.98
81-82	.11153	22,398	2,498	21,149	125,521	5.60
82-83	.12174	19,900	2,423	18,689	104,372	5.24
83-84	.13381	17,477	2,338	16,308	85,683	4.90
84-85	.14754	15,139	2,234	14,022	69,375	4.58
85-86	.16228	12,905	2,119	11,858	55,353	4.29
86-87	.17738	10,811	1,918	9,852	43,495	4.02
87-88	.19221	8,893	1,709	8,039	33,643	3.78
88-89	.20676	7,184	1,485	6,441	25,604	3.56
89-90	.22147	5,699	1,262	5,068	19,163	3.36
90-91	.23633	4,437	1,049	3,912	14,095	3.18
91-92	.25134	3,388	852	2,962	10,183	3.01
92-93	.26649	2,536	675	2,199	7,221	2.85
93-94	.28179	1,861	525	1,598	5,022	2.70
94-95	.29724	1,336	397	1,138	3,424	2.56
95-96	.31284	939	294	792	2,286	2.44
96-97	.32858	645	212	539	1,494	2.32
97-98	.34446	433	149	359	955	2.20
98-99	.36048	284	102	233	596	2.10
99-100	.37665	182	69	147	363	2.00
100-101	.39296	113	44	91	216	1.91
101-102	.40941	69	28	55	125	1.83
102-103	.42600	41	18	32	70	1.74
103-104	.44278	23	10	18	38	1.67
104-105	.45975	13	6	10	20	1.59
105-106	.47683	7	3	5	10	1.52
106-107	.49394	4	2	3	5	1.46
107-108	.51100	2	1	1	2	1.40
108-109	.52810	1	1	1	1	1.35
109-110	.54529					1.29

VITAL STATISTICS—SPECIAL REPORTS

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WYOMING, 1949-51

YEAR OF AGE	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of year of age	Number dying during year of age	In year of age	In this year of age and all subsequent years	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.02473	100,000	2,473	97,863	7,211,991	72.12
1-2	.00174	97,527	170	97,442	7,114,128	72.95
2-3	.00126	97,357	122	97,296	7,016,686	72.07
3-4	.00106	97,235	103	97,183	6,919,390	71.16
4-5	.00072	97,132	70	97,097	6,822,207	70.24
5-6	.00071	97,062	69	97,027	6,725,110	69.29
6-7	.00067	96,993	65	96,960	6,628,083	68.34
7-8	.00063	96,928	61	96,897	6,531,123	67.38
8-9	.00059	96,867	57	96,838	6,434,226	66.42
9-10	.00056	96,810	55	96,782	6,337,388	65.46
10-11	.00054	96,755	52	96,729	6,240,606	64.50
11-12	.00056	96,703	54	96,676	6,143,877	63.53
12-13	.00062	96,649	60	96,619	6,047,201	62.57
13-14	.00074	96,589	71	96,553	5,950,582	61.61
14-15	.00092	96,518	89	96,473	5,854,029	60.65
15-16	.00112	96,429	108	96,375	5,757,556	59.71
16-17	.00130	96,321	126	96,258	5,661,181	58.77
17-18	.00143	96,195	137	96,127	5,564,923	57.85
18-19	.00150	96,058	144	95,986	5,468,796	56.93
19-20	.00155	95,914	149	95,840	5,372,810	56.02
20-21	.00156	95,765	149	95,690	5,276,970	55.10
21-22	.00156	95,616	149	95,541	5,181,280	54.19
22-23	.00155	95,467	148	95,393	5,085,739	53.27
23-24	.00151	95,319	144	95,247	4,990,346	52.35
24-25	.00145	95,175	138	95,106	4,895,099	51.43
25-26	.00138	95,037	131	94,971	4,799,993	50.51
26-27	.00132	94,906	126	94,843	4,705,022	49.58
27-28	.00128	94,780	121	94,720	4,610,179	48.64
28-29	.00127	94,659	120	94,599	4,515,459	47.70
29-30	.00127	94,539	120	94,479	4,420,860	46.76
30-31	.00129	94,419	122	94,358	4,326,381	45.82
31-32	.00133	94,297	126	94,234	4,232,023	44.88
32-33	.00139	94,171	130	94,106	4,137,789	43.94
33-34	.00147	94,041	139	93,971	4,043,683	43.00
34-35	.00157	93,902	147	93,829	3,949,712	42.06
35-36	.00169	93,755	159	93,676	3,855,883	41.13
36-37	.00182	93,596	170	93,511	3,762,207	40.20
37-38	.00197	93,426	184	93,334	3,668,696	39.27
38-39	.00213	93,242	199	93,143	3,575,362	38.34
39-40	.00229	93,043	213	92,937	3,482,219	37.43
40-41	.00247	92,830	229	92,716	3,389,282	36.51
41-42	.00268	92,601	248	92,477	3,296,566	35.60
42-43	.00291	92,353	269	92,219	3,204,089	34.69
43-44	.00319	92,084	294	91,937	3,111,870	33.79
44-45	.00351	91,790	322	91,629	3,019,933	32.90
45-46	.00385	91,468	352	91,292	2,928,304	32.01
46-47	.00417	91,116	380	90,926	2,837,012	31.14
47-48	.00445	90,736	404	90,534	2,746,086	30.26
48-49	.00462	90,332	417	90,124	2,655,552	29.40
49-50	.00469	89,915	422	89,704	2,565,428	28.53
50-51	.00478	89,493	427	89,279	2,475,724	27.66
51-52	.00496	89,066	442	88,845	2,386,445	26.79
52-53	.00535	88,624	474	88,387	2,297,600	25.93
53-54	.00600	88,150	529	87,885	2,209,213	25.06
54-55	.00685	87,621	600	87,321	2,121,328	24.21

TABLE 2. LIFE TABLE FOR WHITE FEMALES: WYOMING, 1949-51--Continued

YEAR OF AGE Period of life between two exact ages stated (1)	PROPORTION DYING Proportion of persons alive at beginning of year of age dying during year (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME Average number of years of life remaining at beginning of year of age (7)
		Number living at beginning of year of age (3)	Number dying during year of age (4)	In year of age (5)	In this year of age and all subsequent years (6)	
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x^o
55-56	.00781	87,021	680	86,681	2,034,007	23.37
56-57	.00878	86,341	758	85,962	1,947,326	22.55
57-58	.00966	85,583	827	85,169	1,861,364	21.75
58-59	.01038	84,756	880	84,316	1,776,195	20.96
59-60	.01100	83,876	922	83,415	1,691,879	20.17
60-61	.01163	82,954	965	82,471	1,608,464	19.39
61-62	.01240	81,989	1,017	81,481	1,525,993	18.61
62-63	.01342	80,972	1,086	80,429	1,444,512	17.84
63-64	.01458	79,886	1,165	79,303	1,364,083	17.08
64-65	.01581	78,721	1,245	78,099	1,284,780	16.32
65-66	.01726	77,476	1,337	76,808	1,206,681	15.57
66-67	.01911	76,139	1,455	75,412	1,129,873	14.84
67-68	.02152	74,684	1,607	73,880	1,054,461	14.12
68-69	.02454	73,077	1,793	72,180	980,581	13.42
69-70	.02806	71,284	2,001	70,283	908,401	12.74
70-71	.03201	69,283	2,217	68,174	838,118	12.10
71-72	.03632	67,066	2,436	65,848	769,944	11.48
72-73	.04091	64,630	2,644	63,308	704,096	10.89
73-74	.04595	61,986	2,848	60,562	640,788	10.34
74-75	.05150	59,138	3,046	57,615	580,226	9.81
75-76	.05730	56,092	3,214	54,485	522,611	9.32
76-77	.06308	52,878	3,336	51,210	468,126	8.85
77-78	.06860	49,542	3,398	47,843	416,916	8.42
78-79	.07326	46,144	3,381	44,453	369,073	8.00
79-80	.07723	42,763	3,302	41,112	324,620	7.59
80-81	.08141	39,461	3,213	37,854	283,508	7.18
81-82	.08667	36,248	3,141	34,677	245,654	6.78
82-83	.09391	33,107	3,110	31,552	210,977	6.37
83-84	.10401	29,997	3,120	28,437	179,425	5.98
84-85	.11636	26,877	3,127	25,314	150,988	5.62
85-86	.12967	23,750	3,080	22,210	125,674	5.29
86-87	.14260	20,670	2,947	19,197	103,464	5.01
87-88	.15385	17,723	2,727	16,359	84,267	4.75
88-89	.16198	14,996	2,429	13,782	67,908	4.53
89-90	.16788	12,567	2,110	11,512	54,126	4.31
90-91	.17368	10,457	1,816	9,549	42,614	4.08
91-92	.18152	8,641	1,568	7,857	33,065	3.83
92-93	.19355	7,073	1,369	6,388	25,208	3.56
93-94	.21063	5,704	1,202	5,103	18,820	3.30
94-95	.23133	4,502	1,041	3,982	13,717	3.05
95-96	.25435	3,461	880	3,021	9,735	2.81
96-97	.27842	2,581	719	2,221	6,714	2.60
97-98	.30222	1,862	563	1,581	4,493	2.41
98-99	.32663	1,299	424	1,087	2,912	2.24
99-100	.35251	875	309	721	1,825	2.09
100-101	.37855	566	214	459	1,104	1.95
101-102	.40348	352	142	281	645	1.83
102-103	.42600	210	89	165	364	1.74
103-104	.44548	121	54	94	199	1.66
104-105	.46279	67	31	51	105	1.59
105-106	.47886	36	17	27	54	1.52
106-107	.49462	19	10	14	27	1.46
107-108	.51100	9	4	7	13	1.40
108-109	.52810	5	3	3	6	1.35
109-110	.54529	2	1	2	3	1.29
110-111	.56243	1	1	1	1	1.24

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

*Column 1—Year of age (x to $x + 1$).—*The year of age, shown in column 1, is the interval between the two exact ages indicated. For instance, "21-22" indicates the interval between the twenty-first birthday and the twenty-second, in other words, the twenty-second year of life.

*Column 2—Proportion dying (q_x).—*This column shows the proportion dying within 1 year after the birthday indicated among those alive on that birthday. For example, the proportion dying in the age interval 21-22 for white males is .00238. In other words, during 1949-51, out of every 1,000 white males alive and exactly 21 years old, 2.38 would die before reaching their twenty-second birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

*Column 3—Number living (l_x).—*This column shows the number of persons who survive to each age out of a cohort of 100,000 live births, among whom the proportions dying in each age throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,254 will complete the first year of life and enter the second; 96,037 will begin the third year; 93,317 will reach age 21; and 38,442 will live to age 75.

*Column 4—Number dying (d_x).—*This column shows the number dying in each successive year of age out of 100,000 live births. Out of 100,000 white males born alive, 3,746 die in the first year of life, 217 in the second year, 222 in the twenty-second year, and 2,759 in the seventy-sixth year. Each figure in column 4 is the difference between two successive figures in column 3.

*Columns 5 and 6—Stationary population (L_x and T_x).—*Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each year of life throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given year of age would never change. When an individual left an age, either by death or by growing older and entering the next higher age, his place would immediately be taken by some one entering from the next lower age. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the

various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5, L_x , shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the year of life 21-22 is 93,206. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 93,206 persons between 21 and 22 years old.

Column 6, T_x , shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,550,542 persons who have passed their twenty-first birthday. The population at all ages 0 and above (in other words, the white male population of the stationary community) would be 6,545,645.

*Column 7—Average remaining lifetime (e_x).—*The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 93,206 for white males in the year of life 21-22 is the total number of years lived between the twenty-first and twenty-second birthdays by the 93,317 (column 3) who reach the twenty-first birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,550,542) is the total number of years lived after attaining age 21 by the 93,317 reaching that age. This number of years divided by the number of persons (4,550,542 divided by 93,317) gives 48.76 years as the average remaining lifetime of white males at age 21.