

Greville, Thomas N.E. (1947): United States Life Tables and Actuarial Tables 1939-1941, Federal Security Agency, United States public Health Service, Washington, p. 34-37.  
Downloaded from: [http://www.cdc.gov/nchs/data/lifetables/life39-41\\_actuarial.pdf](http://www.cdc.gov/nchs/data/lifetables/life39-41_actuarial.pdf)  
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## UNITED STATES LIFE TABLES AND ACTUARIAL TABLES

TABLE 5.—LIFE TABLE FOR WHITE MALES IN THE UNITED STATES: 1939-1941

YEAR OF AGE  Period of life between two exact ages stated  (1)	MORTALITY RATE  Number dying per 1,000 alive at beginning of year of age  (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE FUTURE LIFETIME
		Number living at beginning of year of age  (3)	Number dying during year of age  (4)	In year of age  (5)	In year of age and all later years  (6)	Average number of years of life remaining at beginning of year of age  (7)
$x$ to $x+1$	1,000 $q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	48.12	100,000	4,812	95,913	6,281,188	62.81
1-2	4.87	95,188	464	94,914	6,185,275	64.98
2-3	2.65	94,724	250	94,592	6,090,361	64.30
3-4	1.90	94,474	179	94,381	5,995,769	63.46
4-5	1.53	94,295	145	94,219	5,901,388	62.58
5-6	1.38	94,150	130	94,085	5,807,169	61.68
6-7	1.24	94,020	116	93,962	5,713,084	60.76
7-8	1.14	93,904	108	93,850	5,619,122	59.84
8-9	1.06	93,796	99	93,747	5,525,272	58.91
9-10	1.02	93,697	96	93,649	5,431,525	57.97
10-11	1.00	93,601	93	93,554	5,337,876	57.03
11-12	1.01	93,508	95	93,460	5,244,322	56.08
12-13	1.06	93,413	99	93,364	5,150,862	55.14
13-14	1.14	93,314	106	93,261	5,057,498	54.20
14-15	1.27	93,208	119	93,148	4,964,237	53.26
15-16	1.43	93,089	133	93,023	4,871,089	52.33
16-17	1.58	92,956	147	92,882	4,778,066	51.40
17-18	1.72	92,809	160	92,729	4,685,184	50.48
18-19	1.86	92,649	172	92,563	4,592,455	49.57
19-20	1.99	92,477	184	92,385	4,499,892	48.66
20-21	2.12	92,293	195	92,195	4,407,507	47.76
21-22	2.23	92,098	205	91,996	4,315,312	46.86
22-23	2.32	91,893	214	91,785	4,223,316	45.96
23-24	2.38	91,679	218	91,571	4,131,531	45.07
24-25	2.41	91,461	220	91,351	4,039,960	44.17
25-26	2.43	91,241	222	91,130	3,948,609	43.28
26-27	2.45	91,019	223	90,908	3,857,479	42.38
27-28	2.51	90,796	228	90,682	3,766,571	41.48
28-29	2.59	90,568	234	90,451	3,675,889	40.59
29-30	2.68	90,334	242	90,212	3,585,438	39.69
30-31	2.79	90,092	251	89,967	3,495,226	38.80
31-32	2.91	89,841	262	89,709	3,405,259	37.90
32-33	3.06	89,579	274	89,443	3,315,550	37.01
33-34	3.23	89,305	288	89,161	3,226,107	36.12
34-35	3.42	89,017	304	88,865	3,136,946	35.24
35-36	3.63	88,713	322	88,552	3,048,081	34.36
36-37	3.87	88,391	342	88,220	2,959,529	33.48
37-38	4.14	88,049	364	87,867	2,871,309	32.61
38-39	4.43	87,685	389	87,490	2,783,442	31.74
39-40	4.76	87,296	416	87,088	2,695,952	30.88
40-41	5.13	86,880	446	86,657	2,608,864	30.03
41-42	5.54	86,434	479	86,195	2,522,207	29.18
42-43	6.00	85,955	515	85,698	2,436,012	28.34
43-44	6.50	85,440	555	85,162	2,350,314	27.51
44-45	7.06	84,885	600	84,585	2,265,152	26.69
45-46	7.66	84,285	646	83,962	2,180,567	25.87
46-47	8.33	83,639	696	83,292	2,096,605	25.07
47-48	9.04	82,943	750	82,568	2,013,313	24.27
48-49	9.81	82,193	806	81,790	1,930,745	23.49
49-50	10.64	81,387	866	80,954	1,848,955	22.72
50-51	11.55	80,521	930	80,056	1,768,001	21.96
51-52	12.53	79,591	997	79,092	1,687,945	21.21
52-53	13.60	78,594	1,069	78,059	1,608,853	20.47
53-54	14.76	77,525	1,145	76,953	1,530,794	19.75
54-55	16.02	76,380	1,224	75,768	1,453,841	19.03

# LIFE TABLES

TABLE 5.—LIFE TABLE FOR WHITE MALES IN THE UNITED STATES: 1939-1941—Continued

YEAR OF AGE	MORTALITY RATE	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE FUTURE LIFETIME
Period of life between two exact ages stated  (1)	Number dying per 1,000 alive at beginning of year of age  (2)	Number living at beginning of year of age  (3)	Number dying during year of age  (4)	In year of age  (5)	In year of age and all later years  (6)	Average number of years of life remaining at beginning of year of age  (7)
$x$ to $x+1$	1,000 $q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
55-56	17.37	75,156	1,305	74,504	1,378,073	18.34
56-57	18.81	73,851	1,390	73,156	1,303,569	17.65
57-58	20.34	72,461	1,473	71,724	1,230,413	16.98
58-59	21.95	70,988	1,558	70,209	1,158,689	16.32
59-60	23.66	69,430	1,643	68,609	1,088,480	15.68
60-61	25.48	67,787	1,727	66,923	1,019,871	15.05
61-62	27.43	66,060	1,813	65,153	952,948	14.43
62-63	29.52	64,247	1,896	63,299	887,795	13.82
63-64	31.77	62,351	1,981	61,361	824,496	13.22
64-65	34.20	60,370	2,065	59,337	763,135	12.64
65-66	36.85	58,305	2,148	57,232	703,798	12.07
66-67	39.75	56,157	2,232	55,041	646,566	11.51
67-68	42.93	53,925	2,315	52,767	591,525	10.97
68-69	46.43	51,610	2,396	50,412	538,758	10.44
69-70	50.28	49,214	2,475	47,976	488,346	9.92
70-71	54.54	46,739	2,549	45,465	440,370	9.42
71-72	59.24	44,190	2,618	42,881	394,905	8.94
72-73	64.43	41,572	2,678	40,233	352,024	8.47
73-74	70.14	38,894	2,728	37,530	311,791	8.02
74-75	76.37	36,166	2,762	34,784	274,261	7.58
75-76	83.13	33,404	2,777	32,016	239,477	7.17
76-77	90.40	30,627	2,769	29,243	207,461	6.77
77-78	98.18	27,858	2,735	26,490	178,218	6.40
78-79	106.47	25,123	2,675	23,786	151,728	6.04
79-80	115.30	22,448	2,588	21,155	127,942	5.70
80-81	124.71	19,860	2,477	18,621	106,787	5.38
81-82	134.72	17,383	2,341	16,213	88,166	5.07
82-83	145.37	15,042	2,187	13,948	71,953	4.78
83-84	156.68	12,855	2,014	11,848	58,005	4.51
84-85	168.59	10,841	1,828	9,927	46,157	4.26
85-86	181.04	9,013	1,631	8,198	36,230	4.02
86-87	193.95	7,382	1,432	6,665	28,032	3.80
87-88	207.27	5,950	1,233	5,334	21,367	3.59
88-89	220.91	4,717	1,042	4,195	16,033	3.40
89-90	234.82	3,675	863	3,244	11,838	3.22
90-91	248.94	2,812	700	2,461	8,594	3.06
91-92	263.22	2,112	556	1,834	6,133	2.90
92-93	277.60	1,556	432	1,340	4,299	2.76
93-94	292.02	1,124	328	960	2,959	2.63
94-95	306.42	796	244	674	1,999	2.51
95-96	320.76	552	177	464	1,325	2.40
96-97	334.96	375	126	312	861	2.30
97-98	348.98	249	87	205	549	2.20
98-99	362.75	162	59	133	344	2.12
99-100	376.23	103	38	84	211	2.04
100-101	389.35	65	26	52	127	1.96
101-102	402.05	39	15	32	75	1.90
102-103	414.29	24	10	18	43	1.84
103-104	425.99	14	6	11	25	1.78
104-105	437.12	8	4	6	14	1.73
105-106	447.60	4	2	4	8	1.68
106-107	457.38	2	1	2	4	1.64
107-108	466.40	1	0	1	2	1.61
108-109	474.62	1	1	1	1	1.57

NOTE.—Rates of mortality at ages above 92 are not based on actual statistics at these ages, but have been obtained by mathematical extrapolation from mortality rates at younger ages. Other life table functions at these ages are based on the extrapolated rates of mortality, and may not necessarily represent actual conditions.

## UNITED STATES LIFE TABLES AND ACTUARIAL TABLES

TABLE 6.—LIFE TABLE FOR WHITE FEMALES IN THE UNITED STATES: 1939-1941

YEAR OF AGE  Period of life between two exact ages stated  (1)	MORTALITY RATE	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE FUTURE LIFETIME
	Number dying per 1,000 alive at beginning of year of age  (2)	Number living at beginning of year of age  (3)	Number dying during year of age  (4)	In year of age  (5)	In year of age and all later years  (6)	Average number of years of life remaining at beginning of year of age  (7)
$x$ to $x+1$	1,000 $q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	37.89	100,000	3,789	96,822	6,728,965	67.29
1-2	4.32	96,211	415	95,966	6,632,143	68.93
2-3	2.20	95,796	211	95,684	6,536,177	68.23
3-4	1.61	95,585	154	95,505	6,440,493	67.38
4-5	1.28	95,431	122	95,367	6,344,988	66.49
5-6	1.10	95,309	106	95,256	6,249,621	65.57
6-7	.96	95,203	91	95,158	6,154,365	64.64
7-8	.85	95,112	80	95,072	6,059,207	63.71
8-9	.77	95,032	74	94,995	5,964,135	62.76
9-10	.72	94,958	68	94,924	5,869,140	61.81
10-11	.70	94,890	66	94,857	5,774,216	60.85
11-12	.70	94,824	66	94,791	5,679,359	59.89
12-13	.72	94,758	69	94,723	5,584,568	58.94
13-14	.77	94,689	73	94,653	5,489,845	57.98
14-15	.86	94,616	82	94,575	5,395,192	57.02
15-16	.96	94,534	91	94,489	5,300,617	56.07
16-17	1.07	94,443	101	94,392	5,206,128	55.12
17-18	1.17	94,342	111	94,287	5,111,736	54.18
18-19	1.26	94,231	119	94,172	5,017,449	53.25
19-20	1.36	94,112	128	94,048	4,923,277	52.31
20-21	1.45	93,984	136	93,916	4,829,229	51.38
21-22	1.54	93,848	145	93,776	4,735,313	50.46
22-23	1.62	93,703	152	93,627	4,641,537	49.53
23-24	1.70	93,551	159	93,472	4,547,910	48.61
24-25	1.76	93,392	164	93,310	4,454,438	47.70
25-26	1.82	93,228	169	93,144	4,361,128	46.78
26-27	1.88	93,059	175	92,972	4,267,984	45.86
27-28	1.95	92,884	181	92,793	4,175,012	44.95
28-29	2.03	92,703	188	92,610	4,082,219	44.04
29-30	2.11	92,515	195	92,417	3,989,609	43.12
30-31	2.20	92,320	204	92,218	3,897,192	42.21
31-32	2.30	92,116	212	92,010	3,804,974	41.31
32-33	2.40	91,904	220	91,794	3,712,964	40.40
33-34	2.52	91,684	231	91,568	3,621,170	39.50
34-35	2.64	91,453	242	91,332	3,529,602	38.59
35-36	2.78	91,211	253	91,085	3,438,270	37.70
36-37	2.92	90,958	266	90,825	3,347,185	36.80
37-38	3.09	90,692	280	90,552	3,256,360	35.91
38-39	3.26	90,412	295	90,265	3,165,808	35.02
39-40	3.46	90,117	312	89,961	3,075,543	34.13
40-41	3.68	89,805	330	89,640	2,985,582	33.25
41-42	3.93	89,475	352	89,299	2,895,942	32.37
42-43	4.20	89,123	374	88,936	2,806,643	31.49
43-44	4.51	88,749	400	88,549	2,717,707	30.62
44-45	4.85	88,349	429	88,134	2,629,158	29.76
45-46	5.23	87,920	460	87,690	2,541,024	28.90
46-47	5.64	87,460	493	87,214	2,453,334	28.05
47-48	6.08	86,967	528	86,703	2,366,120	27.21
48-49	6.55	86,439	566	86,156	2,279,417	26.37
49-50	7.06	85,873	606	85,570	2,193,261	25.54
50-51	7.62	85,267	650	84,942	2,107,691	24.72
51-52	8.22	84,617	695	84,269	2,022,749	23.90
52-53	8.88	83,922	746	83,549	1,938,480	23.10
53-54	9.61	83,176	799	82,777	1,854,931	22.30
54-55	10.40	82,377	857	81,948	1,772,154	21.51

# LIFE TABLES

TABLE 6.—LIFE TABLE FOR WHITE FEMALES IN THE UNITED STATES: 1939-1941—Continued

YEAR OF AGE  Period of life between two exact ages stated  (1)	MORTALITY RATE		OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE FUTURE LIFETIME
	Number dying per 1,000 alive at beginning of year of age  (2)	Number living at beginning of year of age  (3)	Number dying during year of age  (4)	In yea. of age  (5)	In year of age and all later years  (6)	Average number of years of life remaining at beginning of year of age  (7)	
$x$ to $x+1$	$1,000q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	
55-56	11.28	81,520	919	81,060	1,690,206	20.73	
56-57	12.24	80,601	987	80,108	1,609,146	19.96	
57-58	13.30	79,614	1,059	79,084	1,529,038	19.21	
58-59	14.46	78,555	1,136	77,987	1,449,954	18.46	
59-60	15.74	77,419	1,219	76,809	1,371,967	17.72	
60-61	17.14	76,200	1,306	75,547	1,295,158	17.00	
61-62	18.67	74,894	1,399	74,195	1,219,611	16.28	
62-63	20.35	73,495	1,495	72,748	1,145,416	15.58	
63-64	22.17	72,000	1,596	71,202	1,072,668	14.90	
64-65	24.19	70,404	1,703	69,552	1,001,466	14.22	
65-66	26.43	68,701	1,816	67,793	931,914	13.56	
66-67	28.93	66,885	1,935	65,918	864,121	12.92	
67-68	31.74	64,950	2,061	63,920	798,203	12.29	
68-69	34.89	62,889	2,194	61,791	734,283	11.68	
69-70	38.41	60,695	2,332	59,529	672,492	11.08	
70-71	42.33	58,363	2,470	57,128	612,963	10.50	
71-72	46.69	55,893	2,610	54,588	555,835	9.94	
72-73	51.50	53,283	2,744	51,911	501,247	9.41	
73-74	56.80	50,539	2,870	49,104	449,336	8.89	
74-75	62.59	47,669	2,984	46,177	400,232	8.40	
75-76	68.89	44,685	3,078	43,146	354,055	7.92	
76-77	75.69	41,607	3,149	40,032	310,909	7.47	
77-78	83.00	38,458	3,192	36,862	270,877	7.04	
78-79	90.83	35,266	3,203	33,664	234,015	6.64	
79-80	99.21	32,063	3,181	30,472	200,351	6.25	
80-81	108.19	28,882	3,125	27,320	169,879	5.88	
81-82	117.80	25,757	3,034	24,240	142,559	5.53	
82-83	128.09	22,723	2,911	21,267	118,319	5.21	
83-84	139.06	19,812	2,755	18,435	97,052	4.90	
84-85	150.70	17,057	2,570	15,772	78,617	4.61	
85-86	162.94	14,487	2,361	13,306	62,845	4.34	
86-87	175.73	12,126	2,131	11,061	49,539	4.09	
87-88	189.02	9,995	1,889	9,051	38,478	3.85	
88-89	202.76	8,106	1,644	7,284	29,427	3.63	
89-90	216.90	6,462	1,401	5,762	22,143	3.43	
90-91	231.41	5,061	1,171	4,475	16,381	3.24	
91-92	246.24	3,890	958	3,411	11,906	3.06	
92-93	261.36	2,932	766	2,548	8,495	2.90	
93-94	276.71	2,166	600	1,866	5,947	2.75	
94-95	292.26	1,566	457	1,338	4,081	2.61	
95-96	307.96	1,109	342	938	2,743	2.47	
96-97	323.79	767	248	643	1,805	2.35	
97-98	339.68	519	176	430	1,162	2.24	
98-99	355.61	343	122	282	732	2.14	
99-100	371.52	221	82	180	450	2.04	
100-101	387.39	139	54	111	270	1.95	
101-102	403.16	85	34	68	159	1.87	
102-103	418.80	51	22	40	91	1.79	
103-104	434.27	29	12	24	51	1.72	
104-105	449.51	17	8	12	27	1.65	
105-106	464.50	9	4	7	15	1.59	
106-107	479.19	5	2	4	8	1.53	
107-108	493.53	3	2	2	4	1.47	
108-109	507.50	1	0	1	2	1.42	
109-110	521.04	1	1	1	1	1.37	

NOTE.—Rates of mortality at ages above 92 are not based on actual statistics at these ages, but have been obtained by mathematical extrapolation from mortality rates at younger ages. Other life table functions at these ages are based on the extrapolated rates of mortality, and may not necessarily represent actual conditions.