

United States Life Tables, 1999

The life table is composed of sets of values showing the mortality experience of a hypothetical group of infants born at the same time and subject throughout their lifetime to the specific mortality risks of a given year. The most frequently used life table statistic is average remaining lifetime or life expectancy (${}^o e_x$), which is the average number of years of life remaining for persons who have attained a given age (x).

Explanation of the columns of the life table

Age interval (x to $x+n$): This column shows the age interval between the two exact ages indicated.

Proportion dying (q_x): This column shows the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before reaching the end of that age interval.

Number surviving (l_x): This column shows the number of persons, starting with a cohort of 100,000 live births, who survive to the exact age marking the beginning of each age interval.

Number dying (d_x): This column shows the number dying in each successive age interval out of 100,000 live births.

Stationary population (L_x): In a stationary population, the number of persons in the stationary population in the indicated age interval.

Cumulative stationary population (T_x): In a stationary population, the total number of persons in the stationary population in the indicated age interval and all subsequent age intervals.

Average remaining lifetime (e_x): The average remaining lifetime at any given age (life expectancy) 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.

The following factors are used in calculating the life table; this information is only of interest to those calculating a life table. For further information, see National Center for Health Statistics. U.S. decennial life tables for 1989-91, vol 1, no.2, methodology of the national and State life tables. Hyattsville, Maryland. 1998. or Anderson RN. Method for constructing complete annual life tables. Vital and Health Statistics. 2(129). 1999. (http://www.cdc.gov/nchs/data/sr2_129.pdf)

Table 1. Life table for the total population: United States, 1999

Age	Proportion dying during age interval $q(x)$	Number living at beginning of age interval $l(x)$	Number dying during age interval $d(x)$	Stationary population in the age interval $L(x)$	Stationary	Life expectancy at beginning of age interval $e(x)$
					population in this and all subsequent age intervals $T(x)$	
0-1	0.00706	100,000	706	99,383	7,672,728	76.7
1-2	0.00053	99,294	53	99,268	7,573,344	76.3
2-3	0.00036	99,241	36	99,223	7,474,077	75.3
3-4	0.00027	99,205	27	99,192	7,374,853	74.3
4-5	0.00022	99,178	21	99,167	7,275,662	73.4
5-6	0.00020	99,157	20	99,147	7,176,494	72.4
6-7	0.00019	99,137	19	99,127	7,077,347	71.4
7-8	0.00018	99,118	18	99,109	6,978,220	70.4
8-9	0.00016	99,101	16	99,093	6,879,111	69.4
9-10	0.00014	99,084	14	99,077	6,780,018	68.4
10-11	0.00013	99,070	12	99,064	6,680,941	67.4
11-12	0.00013	99,058	13	99,052	6,581,876	66.4
12-13	0.00017	99,045	17	99,037	6,482,824	65.5
13-14	0.00026	99,029	25	99,016	6,383,787	64.5
14-15	0.00038	99,003	37	98,985	6,284,771	63.5
15-16	0.00051	98,966	50	98,941	6,185,787	62.5
16-17	0.00063	98,916	62	98,885	6,086,846	61.5
17-18	0.00073	98,854	72	98,818	5,987,961	60.6
18-19	0.00079	98,782	78	98,742	5,889,143	59.6
19-20	0.00084	98,703	82	98,662	5,790,401	58.7
20-21	0.00088	98,621	87	98,578	5,691,739	57.7
21-22	0.00092	98,534	91	98,489	5,593,161	56.8
22-23	0.00096	98,443	94	98,396	5,494,672	55.8
23-24	0.00097	98,349	95	98,302	5,396,276	54.9
24-25	0.00096	98,254	94	98,207	5,297,974	53.9
25-26	0.00095	98,160	94	98,113	5,199,767	53.0
26-27	0.00095	98,066	93	98,020	5,101,654	52.0
27-28	0.00096	97,973	94	97,926	5,003,635	51.1
28-29	0.00098	97,879	96	97,831	4,905,708	50.1
29-30	0.00102	97,783	99	97,734	4,807,877	49.2
30-31	0.00106	97,684	103	97,632	4,710,143	48.2
31-32	0.00111	97,581	108	97,527	4,612,511	47.3
32-33	0.00117	97,473	114	97,416	4,514,985	46.3
33-34	0.00124	97,359	121	97,298	4,417,569	45.4
34-35	0.00133	97,238	129	97,173	4,320,270	44.4
35-36	0.00142	97,109	138	97,040	4,223,097	43.5
36-37	0.00151	96,971	146	96,898	4,126,057	42.6
37-38	0.00161	96,825	156	96,747	4,029,159	41.6
38-39	0.00173	96,669	167	96,585	3,932,412	40.7
39-40	0.00187	96,501	180	96,411	3,835,827	39.8
40-41	0.00201	96,321	194	96,224	3,739,416	38.8
41-42	0.00217	96,127	208	96,023	3,643,193	37.9
42-43	0.00234	95,918	224	95,806	3,547,170	37.0
43-44	0.00253	95,694	242	95,573	3,451,364	36.1
44-45	0.00274	95,452	262	95,321	3,355,791	35.2
45-46	0.00299	95,190	284	95,048	3,260,470	34.3
46-47	0.00325	94,906	309	94,752	3,165,422	33.4
47-48	0.00353	94,597	334	94,430	3,070,671	32.5
48-49	0.00381	94,263	359	94,084	2,976,240	31.6
49-50	0.00409	93,905	384	93,713	2,882,156	30.7
50-51	0.00439	93,521	410	93,316	2,788,443	29.8

Table 1. Life table for the total population: United States, 1999

Age	Proportion dying during age interval $q(x)$	Number living at beginning of age interval $l(x)$	Number dying during age interval $d(x)$	Stationary population in the age interval $L(x)$	Stationary	Life expectancy at beginning of age interval $e(x)$
					population in this and all subsequent age intervals $T(x)$	
51-52	0.00473	93,111	440	92,891	2,695,127	29.0
52-53	0.00512	92,670	474	92,433	2,602,237	28.1
53-54	0.00557	92,196	514	91,939	2,509,804	27.2
54-55	0.00610	91,682	560	91,403	2,417,864	26.4
55-56	0.00673	91,123	613	90,816	2,326,462	25.5
56-57	0.00742	90,510	672	90,174	2,235,645	24.7
57-58	0.00816	89,839	733	89,472	2,145,471	23.9
58-59	0.00892	89,105	795	88,708	2,055,999	23.1
59-60	0.00971	88,311	857	87,882	1,967,291	22.3
60-61	0.01058	87,453	925	86,991	1,879,409	21.5
61-62	0.01157	86,528	1,001	86,028	1,792,418	20.7
62-63	0.01265	85,527	1,082	84,986	1,706,390	20.0
63-64	0.01383	84,445	1,168	83,861	1,621,404	19.2
64-65	0.01509	83,277	1,257	82,649	1,537,543	18.5
65-66	0.01641	82,020	1,346	81,348	1,454,894	17.7
66-67	0.01782	80,675	1,437	79,956	1,373,546	17.0
67-68	0.01941	79,238	1,538	78,469	1,293,590	16.3
68-69	0.02123	77,699	1,649	76,875	1,215,121	15.6
69-70	0.02323	76,050	1,766	75,167	1,138,246	15.0
70-71	0.02528	74,284	1,878	73,345	1,063,079	14.3
71-72	0.02739	72,406	1,983	71,414	989,735	13.7
72-73	0.02970	70,423	2,091	69,377	918,320	13.0
73-74	0.03229	68,332	2,207	67,228	848,943	12.4
74-75	0.03518	66,125	2,326	64,962	781,715	11.8
75-76	0.03824	63,799	2,440	62,579	716,753	11.2
76-77	0.04145	61,359	2,543	60,087	654,174	10.7
77-78	0.04502	58,816	2,648	57,492	594,086	10.1
78-79	0.04914	56,168	2,760	54,788	536,595	9.6
79-80	0.05395	53,408	2,881	51,967	481,807	9.0
80-81	0.05950	50,526	3,006	49,023	429,840	8.5
81-82	0.06578	47,520	3,126	45,957	380,816	8.0
82-83	0.07287	44,394	3,235	42,777	334,859	7.5
83-84	0.08066	41,159	3,320	39,499	292,082	7.1
84-85	0.08913	37,839	3,373	36,153	252,583	6.7
85-86	0.09777	34,467	3,370	32,782	216,430	6.3
86-87	0.10700	31,097	3,327	29,433	183,648	5.9
87-88	0.11683	27,769	3,244	26,147	154,215	5.6
88-89	0.12725	24,525	3,121	22,965	128,067	5.2
89-90	0.13827	21,404	2,960	19,925	105,103	4.9
90-91	0.14989	18,445	2,765	17,062	85,178	4.6
91-92	0.16210	15,680	2,542	14,409	68,115	4.3
92-93	0.17489	13,138	2,298	11,989	53,706	4.1
93-94	0.18824	10,841	2,041	9,820	41,717	3.9
94-95	0.20212	8,800	1,779	7,911	31,896	3.6
95-96	0.21651	7,021	1,520	6,261	23,986	3.4
96-97	0.23138	5,501	1,273	4,865	17,724	3.2
97-98	0.24668	4,228	1,043	3,707	12,860	3.0
98-99	0.26237	3,185	836	2,767	9,153	2.9
99-100	0.27839	2,350	654	2,022	6,386	2.7
100+	1.00000	1,695	1,695	4,363	4,363	2.6

Table 2. Life table for males: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.00772	100,000	772	99,328	7,393,807	73.9
1-2	0.00058	99,228	57	99,199	7,294,479	73.5
2-3	0.00041	99,170	41	99,150	7,195,280	72.6
3-4	0.00031	99,129	30	99,114	7,096,130	71.6
4-5	0.00024	99,099	24	99,087	6,997,016	70.6
5-6	0.00022	99,075	22	99,064	6,897,928	69.6
6-7	0.00021	99,053	21	99,043	6,798,864	68.6
7-8	0.00020	99,033	20	99,023	6,699,821	67.7
8-9	0.00018	99,013	18	99,004	6,600,798	66.7
9-10	0.00015	98,995	15	98,988	6,501,794	65.7
10-11	0.00013	98,980	13	98,974	6,402,806	64.7
11-12	0.00013	98,967	13	98,961	6,303,833	63.7
12-13	0.00019	98,954	19	98,945	6,204,872	62.7
13-14	0.00032	98,936	32	98,920	6,105,927	61.7
14-15	0.00049	98,904	49	98,880	6,007,007	60.7
15-16	0.00068	98,855	67	98,822	5,908,127	59.8
16-17	0.00085	98,788	84	98,746	5,809,305	58.8
17-18	0.00100	98,704	99	98,655	5,710,559	57.9
18-19	0.00111	98,605	109	98,551	5,611,905	56.9
19-20	0.00119	98,496	117	98,438	5,513,354	56.0
20-21	0.00127	98,379	125	98,317	5,414,916	55.0
21-22	0.00136	98,254	133	98,188	5,316,600	54.1
22-23	0.00141	98,121	139	98,052	5,218,412	53.2
23-24	0.00143	97,982	140	97,912	5,120,360	52.3
24-25	0.00141	97,842	138	97,773	5,022,448	51.3
25-26	0.00139	97,704	135	97,636	4,924,675	50.4
26-27	0.00137	97,569	133	97,502	4,827,039	49.5
27-28	0.00136	97,435	133	97,369	4,729,537	48.5
28-29	0.00138	97,303	135	97,235	4,632,168	47.6
29-30	0.00142	97,168	138	97,099	4,534,933	46.7
30-31	0.00147	97,030	143	96,958	4,437,834	45.7
31-32	0.00153	96,887	148	96,813	4,340,876	44.8
32-33	0.00159	96,739	154	96,662	4,244,063	43.9
33-34	0.00167	96,585	162	96,504	4,147,401	42.9
34-35	0.00176	96,423	170	96,338	4,050,897	42.0
35-36	0.00186	96,253	179	96,164	3,954,558	41.1
36-37	0.00196	96,074	188	95,980	3,858,394	40.2
37-38	0.00208	95,886	200	95,786	3,762,414	39.2
38-39	0.00223	95,686	213	95,580	3,666,628	38.3
39-40	0.00240	95,473	229	95,359	3,571,048	37.4
40-41	0.00259	95,244	246	95,121	3,475,690	36.5
41-42	0.00278	94,998	264	94,866	3,380,569	35.6
42-43	0.00300	94,733	285	94,591	3,285,703	34.7
43-44	0.00326	94,449	308	94,295	3,191,112	33.8
44-45	0.00354	94,141	333	93,975	3,096,817	32.9
45-46	0.00387	93,808	363	93,626	3,002,842	32.0
46-47	0.00422	93,445	395	93,248	2,909,216	31.1
47-48	0.00458	93,050	427	92,837	2,815,968	30.3
48-49	0.00493	92,624	456	92,396	2,723,131	29.4
49-50	0.00526	92,168	485	91,925	2,630,735	28.5
50-51	0.00561	91,683	514	91,426	2,538,810	27.7

Table 2. Life table for males: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00601	91,168	548	90,894	2,447,384	26.8
52-53	0.00648	90,620	587	90,327	2,356,490	26.0
53-54	0.00704	90,033	634	89,716	2,266,164	25.2
54-55	0.00771	89,399	689	89,054	2,176,448	24.4
55-56	0.00849	88,710	753	88,333	2,087,393	23.5
56-57	0.00936	87,957	823	87,546	1,999,060	22.7
57-58	0.01028	87,134	896	86,686	1,911,514	21.9
58-59	0.01122	86,239	968	85,755	1,824,828	21.2
59-60	0.01219	85,271	1,039	84,751	1,739,073	20.4
60-61	0.01325	84,232	1,116	83,673	1,654,322	19.6
61-62	0.01446	83,115	1,202	82,514	1,570,648	18.9
62-63	0.01580	81,913	1,294	81,266	1,488,134	18.2
63-64	0.01728	80,619	1,393	79,922	1,406,868	17.5
64-65	0.01888	79,226	1,496	78,478	1,326,945	16.8
65-66	0.02053	77,730	1,596	76,933	1,248,467	16.1
66-67	0.02230	76,135	1,698	75,286	1,171,534	15.4
67-68	0.02431	74,437	1,809	73,532	1,096,249	14.7
68-69	0.02662	72,628	1,933	71,661	1,022,716	14.1
69-70	0.02918	70,695	2,063	69,663	951,055	13.5
70-71	0.03182	68,632	2,184	67,540	881,392	12.8
71-72	0.03449	66,448	2,292	65,302	813,851	12.3
72-73	0.03737	64,157	2,397	62,958	748,549	11.7
73-74	0.04052	61,759	2,503	60,508	685,591	11.1
74-75	0.04397	59,256	2,606	57,954	625,083	10.6
75-76	0.04761	56,651	2,697	55,302	567,130	10.0
76-77	0.05142	53,954	2,774	52,567	511,828	9.5
77-78	0.05562	51,180	2,847	49,756	459,261	9.0
78-79	0.06047	48,333	2,923	46,872	409,505	8.5
79-80	0.06616	45,410	3,005	43,908	362,633	8.0
80-81	0.07296	42,406	3,094	40,859	318,725	7.5
81-82	0.08079	39,312	3,176	37,724	277,866	7.1
82-83	0.08940	36,136	3,230	34,521	240,143	6.7
83-84	0.09827	32,905	3,234	31,289	205,622	6.3
84-85	0.10734	29,672	3,185	28,079	174,333	5.9
85-86	0.11742	26,487	3,110	24,932	146,254	5.5
86-87	0.12810	23,377	2,994	21,879	121,323	5.2
87-88	0.13936	20,382	2,841	18,962	99,443	4.9
88-89	0.15121	17,542	2,652	16,215	80,482	4.6
89-90	0.16362	14,889	2,436	13,671	64,266	4.3
90-91	0.17658	12,453	2,199	11,353	50,595	4.1
91-92	0.19004	10,254	1,949	9,280	39,242	3.8
92-93	0.20397	8,305	1,694	7,458	29,962	3.6
93-94	0.21833	6,611	1,443	5,890	22,504	3.4
94-95	0.23308	5,168	1,204	4,566	16,614	3.2
95-96	0.24814	3,963	983	3,472	12,048	3.0
96-97	0.26346	2,980	785	2,587	8,577	2.9
97-98	0.27897	2,195	612	1,889	5,989	2.7
98-99	0.29460	1,583	466	1,349	4,101	2.6
99-100	0.31026	1,116	346	943	2,751	2.5
100+	1.00000	770	770	1,808	1,808	2.4

Table 3. Life table for females: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.00636	100,000	636	99,441	7,939,597	79.4
1-2	0.00049	99,364	48	99,340	7,840,157	78.9
2-3	0.00031	99,316	31	99,300	7,740,817	77.9
3-4	0.00024	99,285	24	99,273	7,641,517	77.0
4-5	0.00019	99,261	19	99,252	7,542,244	76.0
5-6	0.00018	99,242	18	99,233	7,442,992	75.0
6-7	0.00017	99,224	16	99,216	7,343,759	74.0
7-8	0.00016	99,208	15	99,200	7,244,543	73.0
8-9	0.00014	99,192	14	99,185	7,145,343	72.0
9-10	0.00013	99,178	13	99,172	7,046,158	71.1
10-11	0.00012	99,165	12	99,159	6,946,986	70.1
11-12	0.00012	99,153	12	99,147	6,847,827	69.1
12-13	0.00015	99,141	14	99,134	6,748,680	68.1
13-14	0.00019	99,127	19	99,117	6,649,547	67.1
14-15	0.00026	99,108	25	99,095	6,550,430	66.1
15-16	0.00033	99,082	32	99,066	6,451,335	65.1
16-17	0.00039	99,050	39	99,031	6,352,268	64.1
17-18	0.00044	99,011	44	98,989	6,253,238	63.2
18-19	0.00046	98,968	46	98,945	6,154,249	62.2
19-20	0.00047	98,922	46	98,899	6,055,304	61.2
20-21	0.00046	98,876	46	98,853	5,956,405	60.2
21-22	0.00047	98,830	46	98,807	5,857,552	59.3
22-23	0.00048	98,784	47	98,760	5,758,745	58.3
23-24	0.00049	98,736	48	98,712	5,659,985	57.3
24-25	0.00050	98,688	49	98,664	5,561,273	56.4
25-26	0.00052	98,639	51	98,613	5,462,609	55.4
26-27	0.00054	98,588	53	98,561	5,363,996	54.4
27-28	0.00056	98,535	55	98,507	5,265,435	53.4
28-29	0.00059	98,480	58	98,451	5,166,927	52.5
29-30	0.00062	98,422	61	98,392	5,068,476	51.5
30-31	0.00065	98,361	64	98,329	4,970,084	50.5
31-32	0.00069	98,297	68	98,263	4,871,755	49.6
32-33	0.00075	98,229	74	98,192	4,773,492	48.6
33-34	0.00082	98,156	80	98,115	4,675,299	47.6
34-35	0.00090	98,075	88	98,031	4,577,184	46.7
35-36	0.00098	97,987	96	97,939	4,479,153	45.7
36-37	0.00106	97,891	104	97,839	4,381,214	44.8
37-38	0.00115	97,787	112	97,730	4,283,376	43.8
38-39	0.00124	97,674	121	97,614	4,185,645	42.9
39-40	0.00134	97,553	131	97,488	4,088,032	41.9
40-41	0.00145	97,422	141	97,352	3,990,544	41.0
41-42	0.00156	97,281	152	97,205	3,893,192	40.0
42-43	0.00169	97,129	164	97,047	3,795,987	39.1
43-44	0.00182	96,965	176	96,877	3,698,940	38.2
44-45	0.00196	96,789	190	96,694	3,602,063	37.2
45-46	0.00213	96,599	205	96,496	3,505,369	36.3
46-47	0.00231	96,393	223	96,282	3,408,873	35.4
47-48	0.00251	96,171	241	96,050	3,312,591	34.4
48-49	0.00273	95,929	262	95,799	3,216,541	33.5
49-50	0.00296	95,668	284	95,526	3,120,742	32.6
50-51	0.00322	95,384	307	95,231	3,025,216	31.7

Table 3. Life table for females: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00351	95,077	333	94,910	2,929,986	30.8
52-53	0.00382	94,744	362	94,562	2,835,076	29.9
53-54	0.00418	94,381	395	94,184	2,740,513	29.0
54-55	0.00460	93,986	432	93,770	2,646,329	28.2
55-56	0.00508	93,554	475	93,317	2,552,559	27.3
56-57	0.00562	93,079	523	92,818	2,459,242	26.4
57-58	0.00620	92,556	574	92,269	2,366,424	25.6
58-59	0.00680	91,982	626	91,669	2,274,155	24.7
59-60	0.00744	91,356	679	91,017	2,182,486	23.9
60-61	0.00814	90,677	738	90,308	2,091,469	23.1
61-62	0.00895	89,939	805	89,537	2,001,161	22.3
62-63	0.00982	89,134	875	88,697	1,911,624	21.5
63-64	0.01076	88,259	949	87,784	1,822,928	20.7
64-65	0.01175	87,310	1,026	86,797	1,735,144	19.9
65-66	0.01280	86,283	1,105	85,731	1,648,347	19.1
66-67	0.01395	85,179	1,188	84,585	1,562,616	18.4
67-68	0.01524	83,991	1,280	83,351	1,478,031	17.6
68-69	0.01669	82,711	1,380	82,021	1,394,680	16.9
69-70	0.01829	81,331	1,488	80,587	1,312,659	16.1
70-71	0.01994	79,843	1,592	79,047	1,232,072	15.4
71-72	0.02167	78,251	1,696	77,403	1,153,025	14.7
72-73	0.02362	76,555	1,808	75,651	1,075,622	14.1
73-74	0.02588	74,747	1,934	73,780	999,971	13.4
74-75	0.02845	72,813	2,071	71,777	926,191	12.7
75-76	0.03119	70,741	2,206	69,638	854,414	12.1
76-77	0.03409	68,535	2,336	67,367	784,776	11.5
77-78	0.03735	66,199	2,473	64,963	717,409	10.8
78-79	0.04116	63,726	2,623	62,415	652,446	10.2
79-80	0.04560	61,104	2,786	59,710	590,031	9.7
80-81	0.05063	58,317	2,952	56,841	530,321	9.1
81-82	0.05628	55,365	3,116	53,807	473,480	8.6
82-83	0.06285	52,249	3,284	50,607	419,673	8.0
83-84	0.07041	48,965	3,448	47,241	369,066	7.5
84-85	0.07896	45,518	3,594	43,720	321,824	7.1
85-86	0.08755	41,923	3,671	40,088	278,104	6.6
86-87	0.09679	38,253	3,702	36,402	238,016	6.2
87-88	0.10667	34,551	3,685	32,708	201,614	5.8
88-89	0.11720	30,865	3,617	29,056	168,906	5.5
89-90	0.12839	27,248	3,498	25,499	139,850	5.1
90-91	0.14022	23,749	3,330	22,084	114,351	4.8
91-92	0.15267	20,419	3,117	18,861	92,267	4.5
92-93	0.16573	17,302	2,867	15,868	73,406	4.2
93-94	0.17936	14,434	2,589	13,140	57,538	4.0
94-95	0.19353	11,845	2,292	10,699	44,398	3.8
95-96	0.20818	9,553	1,989	8,559	33,699	3.5
96-97	0.22326	7,564	1,689	6,720	25,140	3.3
97-98	0.23872	5,875	1,403	5,174	18,421	3.1
98-99	0.25447	4,473	1,138	3,904	13,246	3.0
99-100	0.27043	3,335	902	2,884	9,343	2.8
100+	1.00000	2,433	2,433	6,459	6,459	2.7

Table 4. Life table for the white population: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.00577	100,000	577	99,496	7,731,826	77.3
1-2	0.00046	99,423	46	99,400	7,632,330	76.8
2-3	0.00032	99,377	32	99,361	7,532,930	75.8
3-4	0.00026	99,345	25	99,332	7,433,569	74.8
4-5	0.00019	99,320	18	99,310	7,334,236	73.8
5-6	0.00018	99,301	18	99,292	7,234,926	72.9
6-7	0.00017	99,283	17	99,275	7,135,634	71.9
7-8	0.00016	99,267	16	99,259	7,036,358	70.9
8-9	0.00015	99,251	15	99,244	6,937,100	69.9
9-10	0.00013	99,236	13	99,230	6,837,856	68.9
10-11	0.00011	99,224	11	99,218	6,738,626	67.9
11-12	0.00012	99,213	12	99,207	6,639,408	66.9
12-13	0.00016	99,201	16	99,193	6,540,201	65.9
13-14	0.00024	99,186	24	99,174	6,441,008	64.9
14-15	0.00036	99,161	36	99,144	6,341,834	64.0
15-16	0.00049	99,126	48	99,102	6,242,690	63.0
16-17	0.00061	99,077	60	99,047	6,143,589	62.0
17-18	0.00070	99,017	69	98,983	6,044,541	61.1
18-19	0.00075	98,949	74	98,912	5,945,558	60.1
19-20	0.00078	98,875	77	98,836	5,846,647	59.1
20-21	0.00080	98,798	79	98,758	5,747,811	58.2
21-22	0.00083	98,719	82	98,678	5,649,052	57.2
22-23	0.00085	98,637	83	98,596	5,550,374	56.3
23-24	0.00085	98,554	84	98,512	5,451,778	55.3
24-25	0.00085	98,470	84	98,428	5,353,267	54.4
25-26	0.00085	98,386	83	98,344	5,254,839	53.4
26-27	0.00085	98,303	83	98,261	5,156,494	52.5
27-28	0.00086	98,219	84	98,177	5,058,233	51.5
28-29	0.00088	98,136	86	98,093	4,960,056	50.5
29-30	0.00091	98,050	89	98,005	4,861,963	49.6
30-31	0.00094	97,961	92	97,915	4,763,958	48.6
31-32	0.00098	97,868	96	97,820	4,666,043	47.7
32-33	0.00104	97,772	102	97,721	4,568,223	46.7
33-34	0.00111	97,670	108	97,616	4,470,502	45.8
34-35	0.00119	97,562	116	97,504	4,372,885	44.8
35-36	0.00127	97,446	124	97,384	4,275,381	43.9
36-37	0.00135	97,323	132	97,257	4,177,997	42.9
37-38	0.00145	97,191	140	97,121	4,080,740	42.0
38-39	0.00155	97,050	150	96,975	3,983,619	41.1
39-40	0.00167	96,900	161	96,819	3,886,644	40.1
40-41	0.00179	96,739	173	96,652	3,789,825	39.2
41-42	0.00193	96,565	186	96,472	3,693,173	38.3
42-43	0.00208	96,379	200	96,279	3,596,700	37.3
43-44	0.00225	96,179	216	96,071	3,500,421	36.4
44-45	0.00243	95,963	234	95,846	3,404,350	35.5
45-46	0.00265	95,730	254	95,603	3,308,503	34.6
46-47	0.00289	95,476	276	95,338	3,212,901	33.7
47-48	0.00314	95,201	299	95,051	3,117,562	32.8
48-49	0.00340	94,902	323	94,740	3,022,511	31.9
49-50	0.00368	94,579	348	94,405	2,927,771	31.0
50-51	0.00397	94,231	374	94,044	2,833,366	30.1

Table 4. Life table for the white population: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00430	93,857	403	93,655	2,739,322	29.2
52-53	0.00467	93,454	436	93,236	2,645,667	28.3
53-54	0.00510	93,018	475	92,780	2,552,431	27.4
54-55	0.00561	92,543	519	92,284	2,459,651	26.6
55-56	0.00620	92,024	571	91,739	2,367,367	25.7
56-57	0.00687	91,453	628	91,139	2,275,628	24.9
57-58	0.00759	90,825	689	90,481	2,184,489	24.1
58-59	0.00832	90,136	750	89,761	2,094,008	23.2
59-60	0.00909	89,386	812	88,980	2,004,247	22.4
60-61	0.00994	88,574	881	88,133	1,915,267	21.6
61-62	0.01093	87,693	958	87,214	1,827,134	20.8
62-63	0.01201	86,735	1,042	86,214	1,739,920	20.1
63-64	0.01320	85,693	1,131	85,128	1,653,705	19.3
64-65	0.01448	84,562	1,224	83,950	1,568,578	18.6
65-66	0.01582	83,338	1,318	82,679	1,484,627	17.8
66-67	0.01726	82,020	1,416	81,312	1,401,948	17.1
67-68	0.01888	80,604	1,521	79,843	1,320,636	16.4
68-69	0.02069	79,083	1,636	78,265	1,240,793	15.7
69-70	0.02266	77,447	1,755	76,569	1,162,528	15.0
70-71	0.02466	75,692	1,866	74,759	1,085,959	14.4
71-72	0.02671	73,825	1,972	72,840	1,011,200	13.7
72-73	0.02898	71,854	2,082	70,812	938,361	13.1
73-74	0.03156	69,771	2,202	68,670	867,548	12.4
74-75	0.03446	67,569	2,329	66,405	798,878	11.8
75-76	0.03753	65,240	2,449	64,016	732,473	11.2
76-77	0.04075	62,792	2,559	61,512	668,457	10.7
77-78	0.04435	60,233	2,671	58,897	606,945	10.1
78-79	0.04854	57,562	2,794	56,164	548,048	9.5
79-80	0.05346	54,767	2,928	53,303	491,883	9.0
80-81	0.05913	51,840	3,065	50,307	438,580	8.5
81-82	0.06552	48,775	3,196	47,177	388,273	8.0
82-83	0.07270	45,579	3,314	43,922	341,096	7.5
83-84	0.08056	42,265	3,405	40,563	297,174	7.0
84-85	0.08909	38,861	3,462	37,130	256,611	6.6
85-86	0.09785	35,398	3,464	33,667	219,481	6.2
86-87	0.10726	31,935	3,425	30,222	185,814	5.8
87-88	0.11735	28,510	3,346	26,837	155,592	5.5
88-89	0.12815	25,164	3,225	23,552	128,755	5.1
89-90	0.13968	21,939	3,064	20,407	105,204	4.8
90-91	0.15196	18,875	2,868	17,441	84,797	4.5
91-92	0.16500	16,007	2,641	14,686	67,356	4.2
92-93	0.17882	13,365	2,390	12,170	52,670	3.9
93-94	0.19343	10,975	2,123	9,914	40,500	3.7
94-95	0.20884	8,852	1,849	7,928	30,586	3.5
95-96	0.22505	7,004	1,576	6,216	22,658	3.2
96-97	0.24205	5,428	1,314	4,771	16,442	3.0
97-98	0.25985	4,114	1,069	3,579	11,671	2.8
98-99	0.27842	3,045	848	2,621	8,092	2.7
99-100	0.29776	2,197	654	1,870	5,471	2.5
100+	1.00000	1,543	1,543	3,601	3,601	2.3

Table 5. Life table for white males: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.00635	100,000	635	99,449	7,461,939	74.6
1-2	0.00049	99,365	48	99,340	7,362,491	74.1
2-3	0.00037	99,316	37	99,298	7,263,150	73.1
3-4	0.00029	99,280	29	99,265	7,163,852	72.2
4-5	0.00020	99,251	20	99,240	7,064,587	71.2
5-6	0.00020	99,230	20	99,221	6,965,347	70.2
6-7	0.00019	99,211	18	99,202	6,866,126	69.2
7-8	0.00018	99,192	18	99,184	6,766,925	68.2
8-9	0.00016	99,175	16	99,167	6,667,741	67.2
9-10	0.00014	99,159	13	99,152	6,568,574	66.2
10-11	0.00012	99,146	11	99,140	6,469,422	65.3
11-12	0.00012	99,134	12	99,128	6,370,282	64.3
12-13	0.00018	99,122	17	99,114	6,271,154	63.3
13-14	0.00030	99,105	30	99,090	6,172,040	62.3
14-15	0.00046	99,075	46	99,052	6,072,950	61.3
15-16	0.00064	99,029	63	98,998	5,973,898	60.3
16-17	0.00080	98,966	79	98,926	5,874,900	59.4
17-18	0.00093	98,887	92	98,841	5,775,974	58.4
18-19	0.00102	98,794	101	98,744	5,677,133	57.5
19-20	0.00108	98,693	107	98,640	5,578,389	56.5
20-21	0.00114	98,587	112	98,530	5,479,749	55.6
21-22	0.00120	98,474	119	98,415	5,381,219	54.7
22-23	0.00125	98,356	122	98,294	5,282,804	53.7
23-24	0.00126	98,233	123	98,171	5,184,510	52.8
24-25	0.00125	98,110	122	98,049	5,086,338	51.8
25-26	0.00123	97,987	121	97,927	4,988,290	50.9
26-27	0.00122	97,867	119	97,807	4,890,363	50.0
27-28	0.00122	97,748	119	97,688	4,792,556	49.0
28-29	0.00124	97,628	121	97,568	4,694,868	48.1
29-30	0.00127	97,507	124	97,445	4,597,300	47.2
30-31	0.00132	97,383	128	97,319	4,499,854	46.2
31-32	0.00136	97,255	133	97,189	4,402,535	45.3
32-33	0.00143	97,123	138	97,053	4,305,346	44.3
33-34	0.00150	96,984	146	96,911	4,208,293	43.4
34-35	0.00159	96,838	154	96,761	4,111,382	42.5
35-36	0.00168	96,684	163	96,603	4,014,621	41.5
36-37	0.00178	96,522	172	96,436	3,918,018	40.6
37-38	0.00189	96,350	182	96,259	3,821,582	39.7
38-39	0.00202	96,168	194	96,071	3,725,323	38.7
39-40	0.00217	95,974	208	95,870	3,629,252	37.8
40-41	0.00233	95,766	223	95,654	3,533,382	36.9
41-42	0.00250	95,543	239	95,423	3,437,728	36.0
42-43	0.00270	95,303	257	95,175	3,342,305	35.1
43-44	0.00292	95,046	277	94,908	3,247,131	34.2
44-45	0.00317	94,769	300	94,619	3,152,223	33.3
45-46	0.00345	94,469	326	94,306	3,057,604	32.4
46-47	0.00376	94,143	354	93,966	2,963,298	31.5
47-48	0.00409	93,789	383	93,597	2,869,332	30.6
48-49	0.00440	93,406	411	93,200	2,775,735	29.7
49-50	0.00472	92,994	439	92,775	2,682,535	28.9
50-51	0.00506	92,555	469	92,321	2,589,761	28.0

Table 5. Life table for white males: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00545	92,086	502	91,835	2,497,440	27.1
52-53	0.00589	91,584	540	91,315	2,405,605	26.3
53-54	0.00643	91,045	585	90,752	2,314,290	25.4
54-55	0.00706	90,460	638	90,140	2,223,538	24.6
55-56	0.00780	89,821	701	89,471	2,133,398	23.8
56-57	0.00864	89,120	770	88,736	2,043,927	22.9
57-58	0.00953	88,351	842	87,930	1,955,191	22.1
58-59	0.01043	87,509	913	87,053	1,867,261	21.3
59-60	0.01137	86,596	985	86,104	1,780,208	20.6
60-61	0.01241	85,612	1,062	85,081	1,694,104	19.8
61-62	0.01360	84,549	1,150	83,974	1,609,024	19.0
62-63	0.01494	83,400	1,246	82,777	1,525,049	18.3
63-64	0.01643	82,154	1,350	81,479	1,442,273	17.6
64-65	0.01806	80,804	1,460	80,074	1,360,794	16.8
65-66	0.01977	79,344	1,568	78,560	1,280,720	16.1
66-67	0.02159	77,776	1,679	76,936	1,202,160	15.5
67-68	0.02364	76,097	1,799	75,197	1,125,224	14.8
68-69	0.02598	74,298	1,930	73,333	1,050,027	14.1
69-70	0.02852	72,368	2,064	71,336	976,694	13.5
70-71	0.03112	70,303	2,188	69,209	905,359	12.9
71-72	0.03376	68,115	2,299	66,966	836,149	12.3
72-73	0.03660	65,816	2,409	64,612	769,184	11.7
73-74	0.03973	63,407	2,519	62,148	704,572	11.1
74-75	0.04319	60,888	2,630	59,573	642,424	10.6
75-76	0.04682	58,258	2,728	56,895	582,851	10.0
76-77	0.05062	55,531	2,811	54,125	525,957	9.5
77-78	0.05486	52,720	2,892	51,273	471,832	9.0
78-79	0.05982	49,827	2,981	48,337	420,558	8.4
79-80	0.06568	46,846	3,077	45,308	372,221	8.0
80-81	0.07270	43,769	3,182	42,178	326,913	7.5
81-82	0.08075	40,587	3,277	38,949	284,735	7.0
82-83	0.08953	37,310	3,340	35,640	245,786	6.6
83-84	0.09850	33,970	3,346	32,297	210,146	6.2
84-85	0.10763	30,624	3,296	28,976	177,850	5.8
85-86	0.11793	27,328	3,223	25,716	148,874	5.5
86-87	0.12890	24,105	3,107	22,551	123,158	5.1
87-88	0.14056	20,998	2,951	19,522	100,606	4.8
88-89	0.15290	18,047	2,759	16,667	81,084	4.5
89-90	0.16594	15,287	2,537	14,019	64,417	4.2
90-91	0.17965	12,751	2,291	11,605	50,398	4.0
91-92	0.19403	10,460	2,030	9,445	38,793	3.7
92-93	0.20907	8,430	1,763	7,549	29,348	3.5
93-94	0.22473	6,668	1,498	5,919	21,799	3.3
94-95	0.24099	5,169	1,246	4,547	15,880	3.1
95-96	0.25781	3,924	1,012	3,418	11,334	2.9
96-97	0.27514	2,912	801	2,511	7,916	2.7
97-98	0.29294	2,111	618	1,802	5,404	2.6
98-99	0.31114	1,493	464	1,260	3,603	2.4
99-100	0.32969	1,028	339	859	2,342	2.3
100+	1.00000	689	689	1,484	1,484	2.2

Table 6. Life table for white females: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.00516	100,000	515	99,546	7,991,652	79.9
1-2	0.00044	99,485	44	99,463	7,892,106	79.3
2-3	0.00028	99,441	27	99,427	7,792,643	78.4
3-4	0.00022	99,414	21	99,403	7,693,215	77.4
4-5	0.00017	99,392	17	99,384	7,593,813	76.4
5-6	0.00016	99,376	16	99,368	7,494,429	75.4
6-7	0.00015	99,360	15	99,352	7,395,061	74.4
7-8	0.00014	99,345	14	99,338	7,295,708	73.4
8-9	0.00013	99,331	13	99,324	7,196,370	72.5
9-10	0.00012	99,318	12	99,312	7,097,046	71.5
10-11	0.00011	99,306	11	99,301	6,997,734	70.5
11-12	0.00011	99,295	11	99,289	6,898,434	69.5
12-13	0.00014	99,284	13	99,277	6,799,144	68.5
13-14	0.00019	99,270	18	99,261	6,699,867	67.5
14-15	0.00025	99,252	25	99,240	6,600,606	66.5
15-16	0.00033	99,227	32	99,211	6,501,366	65.5
16-17	0.00040	99,195	39	99,175	6,402,155	64.5
17-18	0.00044	99,155	44	99,134	6,302,980	63.6
18-19	0.00046	99,112	45	99,089	6,203,846	62.6
19-20	0.00045	99,067	44	99,044	6,104,757	61.6
20-21	0.00044	99,022	43	99,001	6,005,713	60.7
21-22	0.00043	98,979	42	98,958	5,906,712	59.7
22-23	0.00042	98,937	42	98,916	5,807,755	58.7
23-24	0.00043	98,895	42	98,874	5,708,839	57.7
24-25	0.00044	98,852	43	98,831	5,609,965	56.8
25-26	0.00045	98,809	45	98,786	5,511,135	55.8
26-27	0.00047	98,764	46	98,741	5,412,348	54.8
27-28	0.00049	98,718	48	98,694	5,313,607	53.8
28-29	0.00051	98,669	50	98,644	5,214,914	52.9
29-30	0.00054	98,619	53	98,593	5,116,270	51.9
30-31	0.00057	98,566	56	98,538	5,017,677	50.9
31-32	0.00060	98,510	59	98,480	4,919,139	49.9
32-33	0.00065	98,451	64	98,419	4,820,658	49.0
33-34	0.00071	98,386	70	98,351	4,722,240	48.0
34-35	0.00078	98,316	77	98,278	4,623,888	47.0
35-36	0.00085	98,240	84	98,198	4,525,610	46.1
36-37	0.00092	98,156	91	98,110	4,427,413	45.1
37-38	0.00100	98,065	98	98,016	4,329,302	44.2
38-39	0.00107	97,967	105	97,915	4,231,286	43.2
39-40	0.00116	97,862	113	97,806	4,133,371	42.2
40-41	0.00125	97,749	122	97,688	4,035,565	41.3
41-42	0.00135	97,627	131	97,561	3,937,877	40.3
42-43	0.00145	97,496	142	97,425	3,840,316	39.4
43-44	0.00157	97,354	153	97,277	3,742,891	38.5
44-45	0.00170	97,201	166	97,118	3,645,614	37.5
45-46	0.00185	97,035	180	96,946	3,548,495	36.6
46-47	0.00202	96,856	196	96,758	3,451,550	35.6
47-48	0.00221	96,660	213	96,554	3,354,792	34.7
48-49	0.00242	96,447	233	96,330	3,258,238	33.8
49-50	0.00265	96,214	255	96,086	3,161,908	32.9
50-51	0.00290	95,959	278	95,820	3,065,822	32.0

Table 6. Life table for white females: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00318	95,681	304	95,529	2,970,002	31.0
52-53	0.00348	95,377	332	95,211	2,874,473	30.1
53-54	0.00382	95,045	363	94,863	2,779,263	29.2
54-55	0.00421	94,681	399	94,482	2,684,400	28.4
55-56	0.00467	94,282	441	94,062	2,589,918	27.5
56-57	0.00519	93,842	487	93,598	2,495,855	26.6
57-58	0.00575	93,355	537	93,086	2,402,257	25.7
58-59	0.00634	92,817	588	92,523	2,309,171	24.9
59-60	0.00695	92,229	641	91,909	2,216,648	24.0
60-61	0.00765	91,588	700	91,238	2,124,739	23.2
61-62	0.00845	90,888	768	90,504	2,033,501	22.4
62-63	0.00932	90,120	840	89,700	1,942,997	21.6
63-64	0.01025	89,281	915	88,823	1,853,297	20.8
64-65	0.01124	88,366	993	87,869	1,764,474	20.0
65-66	0.01230	87,372	1,074	86,835	1,676,605	19.2
66-67	0.01345	86,298	1,161	85,718	1,589,769	18.4
67-68	0.01473	85,138	1,254	84,510	1,504,052	17.7
68-69	0.01616	83,883	1,356	83,206	1,419,541	16.9
69-70	0.01771	82,528	1,462	81,797	1,336,336	16.2
70-71	0.01930	81,066	1,564	80,284	1,254,539	15.5
71-72	0.02096	79,502	1,666	78,669	1,174,255	14.8
72-73	0.02287	77,836	1,780	76,946	1,095,586	14.1
73-74	0.02512	76,056	1,910	75,101	1,018,640	13.4
74-75	0.02771	74,146	2,054	73,118	943,540	12.7
75-76	0.03047	72,091	2,197	70,993	870,421	12.1
76-77	0.03339	69,895	2,334	68,728	799,428	11.4
77-78	0.03669	67,561	2,479	66,322	730,700	10.8
78-79	0.04054	65,082	2,638	63,763	664,379	10.2
79-80	0.04504	62,444	2,812	61,038	600,615	9.6
80-81	0.05012	59,632	2,989	58,137	539,577	9.1
81-82	0.05583	56,643	3,162	55,062	481,440	8.5
82-83	0.06244	53,481	3,340	51,811	426,378	8.0
83-84	0.07008	50,141	3,514	48,384	374,567	7.5
84-85	0.07872	46,627	3,671	44,792	326,183	7.0
85-86	0.08738	42,957	3,753	41,080	281,391	6.6
86-87	0.09674	39,203	3,793	37,307	240,311	6.1
87-88	0.10686	35,411	3,784	33,519	203,004	5.7
88-89	0.11774	31,627	3,724	29,765	169,485	5.4
89-90	0.12942	27,903	3,611	26,098	139,720	5.0
90-91	0.14191	24,292	3,447	22,568	113,623	4.7
91-92	0.15522	20,845	3,236	19,227	91,054	4.4
92-93	0.16938	17,609	2,983	16,118	71,827	4.1
93-94	0.18438	14,627	2,697	13,278	55,709	3.8
94-95	0.20021	11,930	2,389	10,736	42,431	3.6
95-96	0.21688	9,541	2,069	8,507	31,695	3.3
96-97	0.23437	7,472	1,751	6,596	23,189	3.1
97-98	0.25266	5,721	1,445	4,998	16,592	2.9
98-99	0.27171	4,275	1,162	3,695	11,594	2.7
99-100	0.29148	3,114	908	2,660	7,900	2.5
100+	1.00000	2,206	2,206	5,240	5,240	2.4

Table 7. Life table for the black population: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.01456	100,000	1,456	98,720	7,140,985	71.4
1-2	0.00097	98,544	96	98,496	7,042,265	71.5
2-3	0.00059	98,448	58	98,419	6,943,769	70.5
3-4	0.00040	98,390	40	98,370	6,845,350	69.6
4-5	0.00037	98,351	37	98,332	6,746,980	68.6
5-6	0.00033	98,314	33	98,297	6,648,648	67.6
6-7	0.00031	98,281	30	98,266	6,550,350	66.7
7-8	0.00028	98,251	28	98,237	6,452,084	65.7
8-9	0.00026	98,223	25	98,211	6,353,847	64.7
9-10	0.00022	98,198	22	98,187	6,255,637	63.7
10-11	0.00020	98,176	20	98,166	6,157,450	62.7
11-12	0.00020	98,157	19	98,147	6,059,283	61.7
12-13	0.00024	98,137	24	98,125	5,961,136	60.7
13-14	0.00035	98,113	34	98,097	5,863,011	59.8
14-15	0.00049	98,080	48	98,056	5,764,914	58.8
15-16	0.00065	98,031	64	98,000	5,666,859	57.8
16-17	0.00080	97,968	79	97,929	5,568,859	56.8
17-18	0.00095	97,889	93	97,843	5,470,931	55.9
18-19	0.00109	97,796	106	97,743	5,373,088	54.9
19-20	0.00122	97,690	119	97,631	5,275,344	54.0
20-21	0.00136	97,572	133	97,505	5,177,713	53.1
21-22	0.00151	97,439	147	97,365	5,080,208	52.1
22-23	0.00162	97,292	158	97,213	4,982,843	51.2
23-24	0.00167	97,134	162	97,053	4,885,630	50.3
24-25	0.00167	96,972	162	96,891	4,788,577	49.4
25-26	0.00165	96,810	160	96,730	4,691,687	48.5
26-27	0.00166	96,650	160	96,570	4,594,957	47.5
27-28	0.00167	96,490	162	96,409	4,498,387	46.6
28-29	0.00172	96,328	166	96,245	4,401,978	45.7
29-30	0.00180	96,162	173	96,076	4,305,733	44.8
30-31	0.00188	95,989	181	95,899	4,209,657	43.9
31-32	0.00197	95,809	189	95,714	4,113,758	42.9
32-33	0.00209	95,620	200	95,520	4,018,043	42.0
33-34	0.00223	95,420	213	95,313	3,922,524	41.1
34-35	0.00239	95,207	228	95,093	3,827,210	40.2
35-36	0.00256	94,979	243	94,858	3,732,118	39.3
36-37	0.00273	94,736	259	94,607	3,637,260	38.4
37-38	0.00294	94,477	278	94,339	3,542,653	37.5
38-39	0.00319	94,200	300	94,050	3,448,315	36.6
39-40	0.00348	93,899	327	93,736	3,354,265	35.7
40-41	0.00379	93,573	355	93,395	3,260,529	34.8
41-42	0.00412	93,218	384	93,026	3,167,134	34.0
42-43	0.00447	92,834	415	92,626	3,074,108	33.1
43-44	0.00487	92,419	450	92,194	2,981,481	32.3
44-45	0.00531	91,969	488	91,725	2,889,288	31.4
45-46	0.00581	91,481	531	91,215	2,797,563	30.6
46-47	0.00635	90,949	577	90,661	2,706,348	29.8
47-48	0.00689	90,372	622	90,061	2,615,687	28.9
48-49	0.00740	89,750	664	89,418	2,525,626	28.1
49-50	0.00789	89,086	703	88,735	2,436,208	27.4
50-51	0.00842	88,383	744	88,011	2,347,473	26.6

Table 7. Life table for the black population: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00903	87,640	791	87,244	2,259,462	25.8
52-53	0.00971	86,849	843	86,427	2,172,218	25.0
53-54	0.01047	86,006	900	85,556	2,085,791	24.3
54-55	0.01130	85,106	962	84,625	2,000,235	23.5
55-56	0.01221	84,144	1,028	83,630	1,915,610	22.8
56-57	0.01320	83,116	1,097	82,568	1,831,980	22.0
57-58	0.01422	82,019	1,166	81,436	1,749,412	21.3
58-59	0.01526	80,853	1,234	80,236	1,667,976	20.6
59-60	0.01632	79,619	1,299	78,970	1,587,740	19.9
60-61	0.01744	78,320	1,366	77,637	1,508,770	19.3
61-62	0.01863	76,954	1,434	76,237	1,431,133	18.6
62-63	0.01986	75,521	1,500	74,771	1,354,896	17.9
63-64	0.02110	74,021	1,562	73,240	1,280,125	17.3
64-65	0.02236	72,459	1,620	71,649	1,206,885	16.7
65-66	0.02357	70,839	1,670	70,004	1,135,236	16.0
66-67	0.02486	69,169	1,719	68,309	1,065,233	15.4
67-68	0.02649	67,449	1,787	66,556	996,924	14.8
68-69	0.02866	65,662	1,882	64,721	930,368	14.2
69-70	0.03136	63,780	2,000	62,780	865,646	13.6
70-71	0.03437	61,781	2,124	60,719	802,866	13.0
71-72	0.03750	59,657	2,237	58,538	742,147	12.4
72-73	0.04075	57,419	2,340	56,250	683,609	11.9
73-74	0.04396	55,080	2,422	53,869	627,359	11.4
74-75	0.04713	52,658	2,482	51,417	573,491	10.9
75-76	0.05048	50,176	2,533	48,910	522,074	10.4
76-77	0.05406	47,644	2,576	46,356	473,164	9.9
77-78	0.05773	45,068	2,602	43,767	426,808	9.5
78-79	0.06157	42,466	2,615	41,159	383,041	9.0
79-80	0.06580	39,852	2,622	38,540	341,882	8.6
80-81	0.07051	37,229	2,625	35,917	303,342	8.2
81-82	0.07593	34,605	2,628	33,291	267,425	7.7
82-83	0.08242	31,977	2,636	30,659	234,134	7.3
83-84	0.09002	29,341	2,641	28,021	203,475	6.9
84-85	0.09846	26,700	2,629	25,386	175,454	6.6
85-86	0.10579	24,071	2,547	22,798	150,068	6.2
86-87	0.11356	21,525	2,444	20,303	127,270	5.9
87-88	0.12176	19,080	2,323	17,919	106,968	5.6
88-89	0.13041	16,757	2,185	15,665	89,049	5.3
89-90	0.13953	14,572	2,033	13,555	73,384	5.0
90-91	0.14912	12,539	1,870	11,604	59,829	4.8
91-92	0.15921	10,669	1,699	9,820	48,225	4.5
92-93	0.16979	8,970	1,523	8,209	38,405	4.3
93-94	0.18089	7,447	1,347	6,774	30,196	4.1
94-95	0.19251	6,100	1,174	5,513	23,423	3.8
95-96	0.20465	4,926	1,008	4,422	17,910	3.6
96-97	0.21732	3,918	851	3,492	13,488	3.4
97-98	0.23054	3,066	707	2,713	9,996	3.3
98-99	0.24429	2,359	576	2,071	7,283	3.1
99-100	0.25859	1,783	461	1,553	5,212	2.9
100+	1.00000	1,322	1,322	3,659	3,659	2.8

Table 8. Life table for black males: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.01592	100,000	1,592	98,601	6,779,735	67.8
1-2	0.00111	98,408	109	98,353	6,681,134	67.9
2-3	0.00065	98,299	64	98,267	6,582,781	67.0
3-4	0.00042	98,235	41	98,214	6,484,515	66.0
4-5	0.00044	98,193	43	98,172	6,386,301	65.0
5-6	0.00038	98,150	37	98,132	6,288,129	64.1
6-7	0.00036	98,113	35	98,095	6,189,997	63.1
7-8	0.00034	98,078	33	98,061	6,091,902	62.1
8-9	0.00030	98,045	30	98,030	5,993,840	61.1
9-10	0.00026	98,015	25	98,003	5,895,810	60.2
10-11	0.00022	97,991	21	97,980	5,797,807	59.2
11-12	0.00021	97,969	21	97,959	5,699,827	58.2
12-13	0.00028	97,949	28	97,935	5,601,868	57.2
13-14	0.00045	97,921	44	97,899	5,503,933	56.2
14-15	0.00068	97,877	67	97,844	5,406,034	55.2
15-16	0.00094	97,810	92	97,764	5,308,190	54.3
16-17	0.00118	97,718	115	97,661	5,210,426	53.3
17-18	0.00141	97,603	138	97,534	5,112,765	52.4
18-19	0.00163	97,465	159	97,386	5,015,231	51.5
19-20	0.00184	97,307	179	97,217	4,917,845	50.5
20-21	0.00208	97,127	202	97,026	4,820,628	49.6
21-22	0.00233	96,925	225	96,812	4,723,601	48.7
22-23	0.00250	96,700	242	96,579	4,626,789	47.9
23-24	0.00256	96,458	247	96,335	4,530,210	47.0
24-25	0.00253	96,212	243	96,090	4,433,875	46.1
25-26	0.00246	95,968	236	95,850	4,337,785	45.2
26-27	0.00242	95,732	232	95,616	4,241,935	44.3
27-28	0.00241	95,500	230	95,385	4,146,319	43.4
28-29	0.00245	95,270	234	95,153	4,050,933	42.5
29-30	0.00255	95,036	242	94,915	3,955,780	41.6
30-31	0.00266	94,794	252	94,669	3,860,865	40.7
31-32	0.00277	94,543	261	94,412	3,766,196	39.8
32-33	0.00289	94,281	272	94,145	3,671,784	38.9
33-34	0.00302	94,009	284	93,867	3,577,639	38.1
34-35	0.00316	93,725	296	93,577	3,483,772	37.2
35-36	0.00331	93,429	309	93,274	3,390,195	36.3
36-37	0.00348	93,119	324	92,957	3,296,921	35.4
37-38	0.00371	92,795	344	92,623	3,203,964	34.5
38-39	0.00401	92,450	371	92,265	3,111,342	33.7
39-40	0.00438	92,080	404	91,878	3,019,077	32.8
40-41	0.00478	91,676	438	91,457	2,927,199	31.9
41-42	0.00519	91,238	474	91,001	2,835,742	31.1
42-43	0.00567	90,764	515	90,507	2,744,741	30.2
43-44	0.00624	90,249	563	89,968	2,654,234	29.4
44-45	0.00689	89,686	618	89,377	2,564,267	28.6
45-46	0.00765	89,068	682	88,727	2,474,890	27.8
46-47	0.00847	88,386	749	88,012	2,386,162	27.0
47-48	0.00927	87,637	812	87,231	2,298,150	26.2
48-49	0.00998	86,825	867	86,392	2,210,919	25.5
49-50	0.01063	85,958	914	85,502	2,124,527	24.7
50-51	0.01131	85,045	962	84,564	2,039,026	24.0

Table 8. Life table for black males: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.01211	84,083	1,018	83,574	1,954,462	23.2
52-53	0.01300	83,065	1,080	82,525	1,870,888	22.5
53-54	0.01401	81,985	1,148	81,411	1,788,363	21.8
54-55	0.01512	80,837	1,222	80,226	1,706,953	21.1
55-56	0.01633	79,614	1,300	78,964	1,626,727	20.4
56-57	0.01762	78,314	1,380	77,624	1,547,763	19.8
57-58	0.01898	76,934	1,460	76,204	1,470,139	19.1
58-59	0.02039	75,474	1,539	74,704	1,393,935	18.5
59-60	0.02183	73,935	1,614	73,128	1,319,231	17.8
60-61	0.02336	72,321	1,689	71,476	1,246,103	17.2
61-62	0.02496	70,632	1,763	69,750	1,174,626	16.6
62-63	0.02653	68,869	1,827	67,955	1,104,876	16.0
63-64	0.02798	67,042	1,876	66,104	1,036,921	15.5
64-65	0.02933	65,166	1,911	64,211	970,816	14.9
65-66	0.03054	63,255	1,932	62,289	906,606	14.3
66-67	0.03183	61,323	1,952	60,347	844,317	13.8
67-68	0.03355	59,372	1,992	58,376	783,969	13.2
68-69	0.03600	57,380	2,066	56,347	725,594	12.7
69-70	0.03916	55,314	2,166	54,231	669,247	12.1
70-71	0.04274	53,148	2,272	52,012	615,016	11.6
71-72	0.04644	50,876	2,363	49,695	563,004	11.1
72-73	0.05034	48,514	2,442	47,293	513,309	10.6
73-74	0.05423	46,072	2,498	44,822	466,016	10.1
74-75	0.05809	43,573	2,531	42,308	421,194	9.7
75-76	0.06224	41,042	2,555	39,765	378,886	9.2
76-77	0.06672	38,487	2,568	37,203	339,121	8.8
77-78	0.07119	35,919	2,557	34,641	301,918	8.4
78-79	0.07565	33,362	2,524	32,101	267,277	8.0
79-80	0.08038	30,839	2,479	29,599	235,176	7.6
80-81	0.08572	28,360	2,431	27,144	205,577	7.3
81-82	0.09206	25,929	2,387	24,735	178,433	6.9
82-83	0.09958	23,542	2,344	22,370	153,697	6.5
83-84	0.10809	21,198	2,291	20,052	131,327	6.2
84-85	0.11713	18,906	2,215	17,799	111,275	5.9
85-86	0.12513	16,692	2,089	15,648	93,476	5.6
86-87	0.13346	14,603	1,949	13,629	77,828	5.3
87-88	0.14212	12,654	1,798	11,755	64,200	5.1
88-89	0.15110	10,856	1,640	10,036	52,445	4.8
89-90	0.16040	9,215	1,478	8,476	42,409	4.6
90-91	0.16999	7,737	1,315	7,080	33,933	4.4
91-92	0.17987	6,422	1,155	5,844	26,853	4.2
92-93	0.19003	5,267	1,001	4,766	21,009	4.0
93-94	0.20044	4,266	855	3,838	16,242	3.8
94-95	0.21108	3,411	720	3,051	12,404	3.6
95-96	0.22194	2,691	597	2,392	9,353	3.5
96-97	0.23298	2,094	488	1,850	6,960	3.3
97-98	0.24418	1,606	392	1,410	5,111	3.2
98-99	0.25552	1,214	310	1,059	3,701	3.1
99-100	0.26695	904	241	783	2,642	2.9
100+	1.00000	662	662	1,859	1,859	2.8

Table 9. Life table for black females: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
0-1	0.01316	100,000	1,316	98,843	7,473,945	74.7
1-2	0.00083	98,684	82	98,643	7,375,101	74.7
2-3	0.00053	98,602	52	98,576	7,276,458	73.8
3-4	0.00038	98,551	38	98,532	7,177,882	72.8
4-5	0.00031	98,513	30	98,498	7,079,350	71.9
5-6	0.00029	98,483	28	98,468	6,980,852	70.9
6-7	0.00025	98,454	25	98,442	6,882,384	69.9
7-8	0.00023	98,429	22	98,418	6,783,942	68.9
8-9	0.00021	98,407	20	98,397	6,685,524	67.9
9-10	0.00019	98,387	19	98,377	6,587,127	67.0
10-11	0.00018	98,368	18	98,359	6,488,750	66.0
11-12	0.00018	98,350	18	98,341	6,390,391	65.0
12-13	0.00020	98,332	20	98,322	6,292,051	64.0
13-14	0.00024	98,312	23	98,300	6,193,729	63.0
14-15	0.00029	98,288	28	98,274	6,095,429	62.0
15-16	0.00035	98,260	34	98,243	5,997,154	61.0
16-17	0.00041	98,226	40	98,206	5,898,911	60.1
17-18	0.00047	98,186	46	98,163	5,800,706	59.1
18-19	0.00052	98,140	51	98,114	5,702,543	58.1
19-20	0.00058	98,089	56	98,061	5,604,428	57.1
20-21	0.00064	98,032	62	98,001	5,506,368	56.2
21-22	0.00070	97,970	69	97,935	5,408,367	55.2
22-23	0.00076	97,901	75	97,864	5,310,431	54.2
23-24	0.00081	97,826	79	97,786	5,212,568	53.3
24-25	0.00085	97,747	83	97,705	5,114,781	52.3
25-26	0.00090	97,663	87	97,620	5,017,076	51.4
26-27	0.00095	97,576	92	97,530	4,919,457	50.4
27-28	0.00100	97,484	98	97,435	4,821,927	49.5
28-29	0.00106	97,386	103	97,334	4,724,492	48.5
29-30	0.00112	97,283	109	97,228	4,627,158	47.6
30-31	0.00119	97,173	116	97,116	4,529,930	46.6
31-32	0.00127	97,058	124	96,996	4,432,814	45.7
32-33	0.00139	96,934	134	96,867	4,335,818	44.7
33-34	0.00154	96,800	149	96,725	4,238,951	43.8
34-35	0.00171	96,651	165	96,568	4,142,226	42.9
35-36	0.00189	96,486	182	96,395	4,045,657	41.9
36-37	0.00206	96,304	199	96,204	3,949,263	41.0
37-38	0.00225	96,105	216	95,997	3,853,058	40.1
38-39	0.00246	95,889	236	95,771	3,757,062	39.2
39-40	0.00268	95,653	256	95,525	3,661,291	38.3
40-41	0.00292	95,397	278	95,258	3,565,766	37.4
41-42	0.00316	95,119	301	94,968	3,470,508	36.5
42-43	0.00341	94,818	323	94,656	3,375,540	35.6
43-44	0.00366	94,495	346	94,322	3,280,884	34.7
44-45	0.00393	94,149	370	93,964	3,186,562	33.9
45-46	0.00422	93,779	395	93,581	3,092,598	33.0
46-47	0.00454	93,383	424	93,172	2,999,017	32.1
47-48	0.00488	92,960	453	92,733	2,905,845	31.3
48-49	0.00523	92,507	484	92,265	2,813,112	30.4
49-50	0.00560	92,023	516	91,765	2,720,847	29.6
50-51	0.00602	91,507	551	91,232	2,629,082	28.7

Table 9. Life table for black females: United States, 1999

Age	Proportion dying during age interval q(x)	Number living at beginning of age interval l(x)	Number dying during age interval d(x)	Stationary population in the age interval L(x)	Stationary	Life expectancy at beginning of age interval e(x)
					population in this and all subsequent age intervals T(x)	
51-52	0.00649	90,957	590	90,661	2,537,850	27.9
52-53	0.00702	90,366	634	90,049	2,447,189	27.1
53-54	0.00760	89,732	682	89,391	2,357,140	26.3
54-55	0.00823	89,050	733	88,684	2,267,748	25.5
55-56	0.00894	88,317	789	87,923	2,179,065	24.7
56-57	0.00971	87,528	850	87,103	2,091,142	23.9
57-58	0.01050	86,678	910	86,223	2,004,039	23.1
58-59	0.01130	85,768	969	85,284	1,917,816	22.4
59-60	0.01210	84,799	1,026	84,286	1,832,532	21.6
60-61	0.01296	83,773	1,085	83,230	1,748,246	20.9
61-62	0.01389	82,688	1,149	82,113	1,665,016	20.1
62-63	0.01490	81,539	1,215	80,932	1,582,903	19.4
63-64	0.01599	80,324	1,284	79,682	1,501,971	18.7
64-65	0.01716	79,040	1,356	78,362	1,422,289	18.0
65-66	0.01833	77,684	1,424	76,972	1,343,926	17.3
66-67	0.01959	76,260	1,494	75,513	1,266,954	16.6
67-68	0.02115	74,766	1,581	73,975	1,191,441	15.9
68-69	0.02314	73,185	1,694	72,338	1,117,466	15.3
69-70	0.02555	71,491	1,827	70,578	1,045,128	14.6
70-71	0.02825	69,664	1,968	68,681	974,550	14.0
71-72	0.03105	67,697	2,102	66,646	905,869	13.4
72-73	0.03394	65,595	2,226	64,481	839,224	12.8
73-74	0.03679	63,368	2,331	62,203	774,742	12.2
74-75	0.03960	61,037	2,417	59,828	712,540	11.7
75-76	0.04253	58,620	2,493	57,373	652,711	11.1
76-77	0.04568	56,127	2,564	54,845	595,338	10.6
77-78	0.04903	53,563	2,626	52,250	540,493	10.1
78-79	0.05271	50,937	2,685	49,594	488,244	9.6
79-80	0.05691	48,252	2,746	46,879	438,649	9.1
80-81	0.06159	45,506	2,803	44,105	391,771	8.6
81-82	0.06691	42,703	2,857	41,275	347,666	8.1
82-83	0.07324	39,846	2,918	38,387	306,391	7.7
83-84	0.08069	36,928	2,980	35,438	268,005	7.3
84-85	0.08906	33,948	3,024	32,436	232,567	6.9
85-86	0.09673	30,925	2,991	29,429	200,130	6.5
86-87	0.10490	27,933	2,930	26,468	170,701	6.1
87-88	0.11359	25,003	2,840	23,583	144,233	5.8
88-89	0.12281	22,163	2,722	20,802	120,650	5.4
89-90	0.13258	19,441	2,578	18,152	99,848	5.1
90-91	0.14291	16,864	2,410	15,659	81,695	4.8
91-92	0.15382	14,454	2,223	13,342	66,036	4.6
92-93	0.16530	12,230	2,022	11,220	52,694	4.3
93-94	0.17738	10,209	1,811	9,303	41,475	4.1
94-95	0.19005	8,398	1,596	7,600	32,171	3.8
95-96	0.20332	6,802	1,383	6,110	24,572	3.6
96-97	0.21719	5,419	1,177	4,831	18,461	3.4
97-98	0.23165	4,242	983	3,751	13,631	3.2
98-99	0.24670	3,259	804	2,857	9,880	3.0
99-100	0.26234	2,455	644	2,133	7,022	2.9
100+	1.00000	1,811	1,811	4,889	4,889	2.7