

Table 2. Life table for males: United States, 2012Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/65_8/Table02.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.006499	100,000	650	99,427	7,641,761	76.4
1-2	0.000443	99,350	44	99,328	7,542,334	75.9
2-3	0.000303	99,306	30	99,291	7,443,006	75.0
3-4	0.000224	99,276	22	99,265	7,343,715	74.0
4-5	0.000200	99,254	20	99,244	7,244,451	73.0
5-6	0.000165	99,234	16	99,226	7,145,207	72.0
6-7	0.000144	99,217	14	99,210	7,045,981	71.0
7-8	0.000125	99,203	12	99,197	6,946,771	70.0
8-9	0.000107	99,191	11	99,185	6,847,574	69.0
9-10	0.000090	99,180	9	99,176	6,748,389	68.0
10-11	0.000081	99,171	8	99,167	6,649,213	67.0
11-12	0.000090	99,163	9	99,159	6,550,046	66.1
12-13	0.000128	99,154	13	99,148	6,450,887	65.1
13-14	0.000204	99,141	20	99,131	6,351,739	64.1
14-15	0.000307	99,121	30	99,106	6,252,608	63.1
15-16	0.000415	99,091	41	99,070	6,153,502	62.1
16-17	0.000524	99,050	52	99,024	6,054,432	61.1
17-18	0.000646	98,998	64	98,966	5,955,408	60.2
18-19	0.000779	98,934	77	98,895	5,856,442	59.2
19-20	0.000914	98,857	90	98,812	5,757,547	58.2
20-21	0.001053	98,766	104	98,714	5,658,735	57.3
21-22	0.001178	98,662	116	98,604	5,560,021	56.4
22-23	0.001270	98,546	125	98,484	5,461,417	55.4
23-24	0.001319	98,421	130	98,356	5,362,933	54.5
24-25	0.001337	98,291	131	98,225	5,264,577	53.6
25-26	0.001346	98,160	132	98,094	5,166,351	52.6
26-27	0.001359	98,028	133	97,961	5,068,258	51.7
27-28	0.001373	97,894	134	97,827	4,970,297	50.8
28-29	0.001394	97,760	136	97,692	4,872,469	49.8
29-30	0.001420	97,624	139	97,554	4,774,778	48.9
30-31	0.001448	97,485	141	97,415	4,677,223	48.0
31-32	0.001477	97,344	144	97,272	4,579,809	47.0
32-33	0.001506	97,200	146	97,127	4,482,536	46.1
33-34	0.001537	97,054	149	96,979	4,385,409	45.2
34-35	0.001574	96,905	153	96,828	4,288,430	44.3
35-36	0.001625	96,752	157	96,673	4,191,602	43.3
36-37	0.001694	96,595	164	96,513	4,094,928	42.4
37-38	0.001775	96,431	171	96,346	3,998,415	41.5
38-39	0.001867	96,260	180	96,170	3,902,069	40.5
39-40	0.001970	96,080	189	95,986	3,805,899	39.6
40-41	0.002087	95,891	200	95,791	3,709,914	38.7
41-42	0.002227	95,691	213	95,584	3,614,123	37.8
42-43	0.002398	95,478	229	95,363	3,518,538	36.9
43-44	0.002609	95,249	248	95,125	3,423,175	35.9
44-45	0.002862	95,000	272	94,864	3,328,050	35.0
45-46	0.003136	94,728	297	94,580	3,233,186	34.1
46-47	0.003438	94,431	325	94,269	3,138,606	33.2
47-48	0.003793	94,107	357	93,928	3,044,337	32.3
48-49	0.004205	93,750	394	93,553	2,950,408	31.5
49-50	0.004654	93,356	434	93,138	2,856,856	30.6
50-51	0.005115	92,921	475	92,683	2,763,717	29.7
51-52	0.005581	92,446	516	92,188	2,671,034	28.9
52-53	0.006072	91,930	558	91,651	2,578,846	28.1
53-54	0.006600	91,372	603	91,070	2,487,196	27.2
54-55	0.007173	90,769	651	90,443	2,396,125	26.4
55-56	0.007791	90,117	702	89,766	2,305,682	25.6
56-57	0.008438	89,415	754	89,038	2,215,916	24.8
57-58	0.009100	88,661	807	88,257	2,126,878	24.0
58-59	0.009765	87,854	858	87,425	2,038,620	23.2
59-60	0.010439	86,996	908	86,542	1,951,195	22.4
60-61	0.011156	86,088	960	85,608	1,864,653	21.7

See footnote at end of table.

Table 2. Life table for males: United States, 2012—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/65_8/Table02.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
61–62	0.011929	85,128	1,016	84,620	1,779,045	20.9
62–63	0.012740	84,112	1,072	83,576	1,694,426	20.1
63–64	0.013593	83,040	1,129	82,476	1,610,849	19.4
64–65	0.014505	81,912	1,188	81,318	1,528,373	18.7
65–66	0.015501	80,724	1,251	80,098	1,447,056	17.9
66–67	0.016614	79,472	1,320	78,812	1,366,958	17.2
67–68	0.017888	78,152	1,398	77,453	1,288,146	16.5
68–69	0.019327	76,754	1,483	76,012	1,210,693	15.8
69–70	0.020930	75,270	1,575	74,483	1,134,681	15.1
70–71	0.022834	73,695	1,683	72,854	1,060,198	14.4
71–72	0.025025	72,012	1,802	71,111	987,344	13.7
72–73	0.027449	70,210	1,927	69,247	916,233	13.0
73–74	0.030017	68,283	2,050	67,258	846,986	12.4
74–75	0.032687	66,233	2,165	65,151	779,728	11.8
75–76	0.035636	64,068	2,283	62,927	714,577	11.2
76–77	0.039103	61,785	2,416	60,577	651,650	10.5
77–78	0.043133	59,369	2,561	58,089	591,073	10.0
78–79	0.047638	56,808	2,706	55,455	532,984	9.4
79–80	0.052915	54,102	2,863	52,671	477,529	8.8
80–81	0.058450	51,239	2,995	49,742	424,858	8.3
81–82	0.064422	48,245	3,108	46,691	375,116	7.8
82–83	0.071408	45,137	3,223	43,525	328,426	7.3
83–84	0.079491	41,913	3,332	40,248	284,901	6.8
84–85	0.088144	38,582	3,401	36,881	244,653	6.3
85–86	0.097713	35,181	3,438	33,462	207,772	5.9
86–87	0.109044	31,743	3,461	30,013	174,310	5.5
87–88	0.121408	28,282	3,434	26,565	144,297	5.1
88–89	0.134836	24,848	3,350	23,173	117,732	4.7
89–90	0.149341	21,498	3,211	19,893	94,559	4.4
90–91	0.164923	18,287	3,016	16,779	74,667	4.1
91–92	0.181561	15,271	2,773	13,885	57,888	3.8
92–93	0.199210	12,499	2,490	11,254	44,003	3.5
93–94	0.217805	10,009	2,180	8,919	32,749	3.3
94–95	0.237254	7,829	1,857	6,900	23,830	3.0
95–96	0.257445	5,971	1,537	5,203	16,930	2.8
96–97	0.278240	4,434	1,234	3,817	11,727	2.6
97–98	0.299485	3,200	958	2,721	7,910	2.5
98–99	0.321012	2,242	720	1,882	5,189	2.3
99–100	0.342642	1,522	522	1,261	3,307	2.2
100 and over	1.000000	1,001	1,001	2,046	2,046	2.0

SOURCE: NCHS, National Vital Statistics System, Mortality.

Table 3. Life table for females: United States, 2012Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/65_8/Table03.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005432	100,000	543	99,523	8,116,947	81.2
1-2	0.000374	99,457	37	99,438	8,017,424	80.6
2-3	0.000234	99,420	23	99,408	7,917,985	79.6
3-4	0.000182	99,396	18	99,387	7,818,577	78.7
4-5	0.000140	99,378	14	99,371	7,719,190	77.7
5-6	0.000127	99,364	13	99,358	7,619,819	76.7
6-7	0.000110	99,352	11	99,346	7,520,461	75.7
7-8	0.000097	99,341	10	99,336	7,421,115	74.7
8-9	0.000089	99,331	9	99,327	7,321,779	73.7
9-10	0.000084	99,322	8	99,318	7,222,452	72.7
10-11	0.000083	99,314	8	99,310	7,123,134	71.7
11-12	0.000089	99,306	9	99,301	7,023,824	70.7
12-13	0.000104	99,297	10	99,292	6,924,523	69.7
13-14	0.000129	99,286	13	99,280	6,825,231	68.7
14-15	0.000162	99,274	16	99,266	6,725,951	67.8
15-16	0.000199	99,258	20	99,248	6,626,686	66.8
16-17	0.000236	99,238	23	99,226	6,527,438	65.8
17-18	0.000274	99,214	27	99,201	6,428,212	64.8
18-19	0.000311	99,187	31	99,172	6,329,011	63.8
19-20	0.000346	99,156	34	99,139	6,229,840	62.8
20-21	0.000381	99,122	38	99,103	6,130,701	61.9
21-22	0.000416	99,084	41	99,064	6,031,597	60.9
22-23	0.000446	99,043	44	99,021	5,932,534	59.9
23-24	0.000471	98,999	47	98,975	5,833,513	58.9
24-25	0.000494	98,952	49	98,928	5,734,538	58.0
25-26	0.000517	98,903	51	98,878	5,635,610	57.0
26-27	0.000543	98,852	54	98,825	5,536,732	56.0
27-28	0.000571	98,798	56	98,770	5,437,907	55.0
28-29	0.000601	98,742	59	98,712	5,339,137	54.1
29-30	0.000632	98,683	62	98,652	5,240,424	53.1
30-31	0.000668	98,620	66	98,587	5,141,773	52.1
31-32	0.000707	98,554	70	98,520	5,043,185	51.2
32-33	0.000745	98,485	73	98,448	4,944,666	50.2
33-34	0.000784	98,411	77	98,373	4,846,218	49.2
34-35	0.000826	98,334	81	98,294	4,747,845	48.3
35-36	0.000878	98,253	86	98,210	4,649,551	47.3
36-37	0.000942	98,167	92	98,121	4,551,341	46.4
37-38	0.001015	98,074	100	98,025	4,453,221	45.4
38-39	0.001096	97,975	107	97,921	4,355,196	44.5
39-40	0.001183	97,867	116	97,809	4,257,275	43.5
40-41	0.001276	97,752	125	97,689	4,159,465	42.6
41-42	0.001381	97,627	135	97,559	4,061,776	41.6
42-43	0.001506	97,492	147	97,419	3,964,217	40.7
43-44	0.001657	97,345	161	97,265	3,866,798	39.7
44-45	0.001834	97,184	178	97,095	3,769,534	38.8
45-46	0.002022	97,006	196	96,908	3,672,439	37.9
46-47	0.002222	96,810	215	96,702	3,575,531	36.9
47-48	0.002444	96,594	236	96,476	3,478,829	36.0
48-49	0.002687	96,358	259	96,229	3,382,353	35.1
49-50	0.002942	96,099	283	95,958	3,286,124	34.2
50-51	0.003205	95,817	307	95,663	3,190,166	33.3
51-52	0.003470	95,510	331	95,344	3,094,503	32.4
52-53	0.003738	95,178	356	95,000	2,999,159	31.5
53-54	0.004014	94,822	381	94,632	2,904,159	30.6
54-55	0.004306	94,442	407	94,238	2,809,527	29.7
55-56	0.004622	94,035	435	93,818	2,715,288	28.9
56-57	0.004961	93,600	464	93,368	2,621,471	28.0
57-58	0.005324	93,136	496	92,888	2,528,102	27.1
58-59	0.005712	92,640	529	92,376	2,435,214	26.3
59-60	0.006129	92,111	565	91,829	2,342,838	25.4
60-61	0.006579	91,546	602	91,245	2,251,010	24.6

See footnote at end of table.

Table 3. Life table for females: United States, 2012—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/65_8/Table03.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
61–62	0.007075	90,944	643	90,622	2,159,764	23.7
62–63	0.007634	90,301	689	89,956	2,069,142	22.9
63–64	0.008274	89,611	741	89,241	1,979,186	22.1
64–65	0.008998	88,870	800	88,470	1,889,945	21.3
65–66	0.009826	88,070	865	87,638	1,801,475	20.5
66–67	0.010745	87,205	937	86,736	1,713,837	19.7
67–68	0.011748	86,268	1,013	85,761	1,627,101	18.9
68–69	0.012811	85,254	1,092	84,708	1,541,340	18.1
69–70	0.013960	84,162	1,175	83,575	1,456,632	17.3
70–71	0.015317	82,987	1,271	82,352	1,373,057	16.5
71–72	0.016935	81,716	1,384	81,024	1,290,705	15.8
72–73	0.018674	80,332	1,500	79,582	1,209,681	15.1
73–74	0.020539	78,832	1,619	78,023	1,130,099	14.3
74–75	0.022642	77,213	1,748	76,339	1,052,076	13.6
75–76	0.025028	75,465	1,889	74,520	975,737	12.9
76–77	0.027826	73,576	2,047	72,552	901,217	12.2
77–78	0.030908	71,529	2,211	70,423	828,664	11.6
78–79	0.034321	69,318	2,379	68,128	758,241	10.9
79–80	0.038452	66,939	2,574	65,652	690,113	10.3
80–81	0.042724	64,365	2,750	62,990	624,461	9.7
81–82	0.047387	61,615	2,920	60,155	561,471	9.1
82–83	0.052600	58,695	3,087	57,152	501,315	8.5
83–84	0.058859	55,608	3,273	53,971	444,164	8.0
84–85	0.066132	52,335	3,461	50,604	390,192	7.5
85–86	0.074693	48,874	3,651	47,049	339,588	6.9
86–87	0.083936	45,223	3,796	43,325	292,539	6.5
87–88	0.094140	41,428	3,900	39,478	249,214	6.0
88–89	0.105361	37,528	3,954	35,551	209,736	5.6
89–90	0.117645	33,574	3,950	31,599	174,186	5.2
90–91	0.131027	29,624	3,882	27,683	142,587	4.8
91–92	0.145527	25,742	3,746	23,869	114,904	4.5
92–93	0.161149	21,996	3,545	20,224	91,035	4.1
93–94	0.177876	18,451	3,282	16,810	70,811	3.8
94–95	0.195666	15,169	2,968	13,685	54,001	3.6
95–96	0.214456	12,201	2,617	10,893	40,315	3.3
96–97	0.234153	9,585	2,244	8,462	29,422	3.1
97–98	0.254640	7,340	1,869	6,406	20,960	2.9
98–99	0.275777	5,471	1,509	4,717	14,554	2.7
99–100	0.297402	3,962	1,178	3,373	9,837	2.5
100 and over	1.000000	2,784	2,784	6,464	6,464	2.3

SOURCE: NCHS, National Vital Statistics System, Mortality.