

Table 2. Life table for males: United States, 2015Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/67_07/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	0.006387	100,000	639	99,441	7,629,835	76.3
1-2	0.000452	99,361	45	99,339	7,530,394	75.8
2-3	0.000277	99,316	28	99,303	7,431,055	74.8
3-4	0.000224	99,289	22	99,278	7,331,753	73.8
4-5	0.000165	99,267	16	99,258	7,232,475	72.9
5-6	0.000164	99,250	16	99,242	7,133,217	71.9
6-7	0.000147	99,234	15	99,227	7,033,975	70.9
7-8	0.000132	99,219	13	99,213	6,934,748	69.9
8-9	0.000116	99,206	11	99,201	6,835,535	68.9
9-10	0.000100	99,195	10	99,190	6,736,335	67.9
10-11	0.000092	99,185	9	99,180	6,637,145	66.9
11-12	0.000100	99,176	10	99,171	6,537,965	65.9
12-13	0.000137	99,166	14	99,159	6,438,794	64.9
13-14	0.000208	99,152	21	99,142	6,339,635	63.9
14-15	0.000307	99,132	30	99,116	6,240,493	63.0
15-16	0.000411	99,101	41	99,081	6,141,377	62.0
16-17	0.000519	99,061	51	99,035	6,042,296	61.0
17-18	0.000646	99,009	64	98,977	5,943,261	60.0
18-19	0.000791	98,945	78	98,906	5,844,284	59.1
19-20	0.000941	98,867	93	98,820	5,745,378	58.1
20-21	0.001095	98,774	108	98,720	5,646,558	57.2
21-22	0.001233	98,666	122	98,605	5,547,838	56.2
22-23	0.001336	98,544	132	98,478	5,449,233	55.3
23-24	0.001396	98,412	137	98,344	5,350,755	54.4
24-25	0.001426	98,275	140	98,205	5,252,411	53.4
25-26	0.001445	98,135	142	98,064	5,154,207	52.5
26-27	0.001470	97,993	144	97,921	5,056,143	51.6
27-28	0.001497	97,849	147	97,776	4,958,222	50.7
28-29	0.001534	97,702	150	97,628	4,860,446	49.7
29-30	0.001577	97,553	154	97,476	4,762,819	48.8
30-31	0.001623	97,399	158	97,320	4,665,343	47.9
31-32	0.001667	97,241	162	97,160	4,568,023	47.0
32-33	0.001709	97,079	166	96,996	4,470,864	46.1
33-34	0.001750	96,913	170	96,828	4,373,868	45.1
34-35	0.001793	96,743	173	96,656	4,277,041	44.2
35-36	0.001845	96,569	178	96,480	4,180,384	43.3
36-37	0.001910	96,391	184	96,299	4,083,904	42.4
37-38	0.001979	96,207	190	96,112	3,987,605	41.4
38-39	0.002052	96,017	197	95,918	3,891,493	40.5
39-40	0.002134	95,820	205	95,718	3,795,574	39.6
40-41	0.002238	95,615	214	95,508	3,699,857	38.7
41-42	0.002367	95,401	226	95,288	3,604,348	37.8
42-43	0.002515	95,175	239	95,056	3,509,060	36.9
43-44	0.002684	94,936	255	94,809	3,414,004	36.0
44-45	0.002879	94,681	273	94,545	3,319,196	35.1
45-46	0.003089	94,409	292	94,263	3,224,651	34.2
46-47	0.003339	94,117	314	93,960	3,130,388	33.3
47-48	0.003662	93,803	344	93,631	3,036,428	32.4
48-49	0.004070	93,459	380	93,269	2,942,797	31.5
49-50	0.004537	93,079	422	92,868	2,849,528	30.6
50-51	0.005022	92,657	465	92,424	2,756,660	29.8
51-52	0.005510	92,191	508	91,937	2,664,236	28.9
52-53	0.006027	91,683	553	91,407	2,572,299	28.1
53-54	0.006583	91,131	600	90,831	2,480,892	27.2
54-55	0.007177	90,531	650	90,206	2,390,061	26.4
55-56	0.007801	89,881	701	89,530	2,299,855	25.6
56-57	0.008444	89,180	753	88,803	2,210,324	24.8
57-58	0.009116	88,427	806	88,024	2,121,521	24.0
58-59	0.009826	87,621	861	87,190	2,033,497	23.2
59-60	0.010584	86,760	918	86,301	1,946,307	22.4
60-61	0.011413	85,842	980	85,352	1,860,006	21.7

Table 2. Life table for males: United States, 2015—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/67_07/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	0.012301	84,862	1,044	84,340	1,774,655	20.9
62–63	0.013202	83,818	1,107	83,265	1,690,315	20.2
63–64	0.014075	82,711	1,164	82,129	1,607,050	19.4
64–65	0.014931	81,547	1,218	80,938	1,524,921	18.7
65–66	0.015806	80,330	1,270	79,695	1,443,983	18.0
66–67	0.016783	79,060	1,327	78,396	1,364,288	17.3
67–68	0.017892	77,733	1,391	77,038	1,285,891	16.5
68–69	0.019205	76,342	1,466	75,609	1,208,854	15.8
69–70	0.020817	74,876	1,559	74,097	1,133,245	15.1
70–71	0.022804	73,317	1,672	72,481	1,059,148	14.4
71–72	0.025029	71,646	1,793	70,749	986,666	13.8
72–73	0.027354	69,852	1,911	68,897	915,917	13.1
73–74	0.029799	67,942	2,025	66,929	847,020	12.5
74–75	0.032458	65,917	2,140	64,847	780,091	11.8
75–76	0.035395	63,777	2,257	62,649	715,244	11.2
76–77	0.038808	61,520	2,387	60,326	652,595	10.6
77–78	0.042532	59,133	2,515	57,875	592,269	10.0
78–79	0.046850	56,618	2,653	55,291	534,394	9.4
79–80	0.051917	53,965	2,802	52,564	479,102	8.9
80–81	0.057631	51,163	2,949	49,689	426,538	8.3
81–82	0.064030	48,215	3,087	46,671	376,849	7.8
82–83	0.070871	45,128	3,198	43,528	330,178	7.3
83–84	0.078217	41,929	3,280	40,290	286,650	6.8
84–85	0.086915	38,650	3,359	36,970	246,360	6.4
85–86	0.096237	35,290	3,396	33,592	209,390	5.9
86–87	0.107643	31,894	3,433	30,178	175,798	5.5
87–88	0.120117	28,461	3,419	26,752	145,620	5.1
88–89	0.133690	25,042	3,348	23,368	118,868	4.7
89–90	0.148381	21,694	3,219	20,085	95,500	4.4
90–91	0.164189	18,475	3,033	16,959	75,415	4.1
91–92	0.181092	15,442	2,796	14,044	58,456	3.8
92–93	0.199046	12,646	2,517	11,387	44,413	3.5
93–94	0.217982	10,128	2,208	9,025	33,026	3.3
94–95	0.237802	7,921	1,884	6,979	24,001	3.0
95–96	0.258387	6,037	1,560	5,257	17,022	2.8
96–97	0.279592	4,477	1,252	3,851	11,765	2.6
97–98	0.301253	3,225	972	2,740	7,914	2.5
98–99	0.323192	2,254	728	1,890	5,174	2.3
99–100	0.345218	1,525	527	1,262	3,285	2.2
100 and over	1.000000	999	999	2,023	2,023	2.0

SOURCE: NCHS, National Vital Statistics System, Mortality.

Table 3. Life table for females: United States, 2015Spreadsheet version available from: http://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/67_07/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	0.005377	100,000	538	99,527	8,111,178	81.1
1-2	0.000352	99,462	35	99,445	8,011,651	80.5
2-3	0.000227	99,427	23	99,416	7,912,206	79.6
3-4	0.000160	99,405	16	99,397	7,812,790	78.6
4-5	0.000125	99,389	12	99,383	7,713,393	77.6
5-6	0.000122	99,376	12	99,370	7,614,011	76.6
6-7	0.000109	99,364	11	99,359	7,514,640	75.6
7-8	0.000099	99,354	10	99,349	7,415,281	74.6
8-9	0.000093	99,344	9	99,339	7,315,933	73.6
9-10	0.000089	99,334	9	99,330	7,216,594	72.6
10-11	0.000089	99,326	9	99,321	7,117,264	71.7
11-12	0.000096	99,317	10	99,312	7,017,942	70.7
12-13	0.000112	99,307	11	99,302	6,918,631	69.7
13-14	0.000139	99,296	14	99,289	6,819,329	68.7
14-15	0.000173	99,282	17	99,274	6,720,040	67.7
15-16	0.000212	99,265	21	99,255	6,620,766	66.7
16-17	0.000252	99,244	25	99,232	6,521,512	65.7
17-18	0.000292	99,219	29	99,205	6,422,280	64.7
18-19	0.000330	99,190	33	99,174	6,323,075	63.7
19-20	0.000365	99,157	36	99,139	6,223,902	62.8
20-21	0.000401	99,121	40	99,101	6,124,762	61.8
21-22	0.000437	99,081	43	99,060	6,025,661	60.8
22-23	0.000469	99,038	46	99,015	5,926,601	59.8
23-24	0.000496	98,992	49	98,967	5,827,586	58.9
24-25	0.000520	98,943	51	98,917	5,728,619	57.9
25-26	0.000543	98,891	54	98,864	5,629,702	56.9
26-27	0.000569	98,838	56	98,809	5,530,838	56.0
27-28	0.000601	98,781	59	98,752	5,432,028	55.0
28-29	0.000641	98,722	63	98,690	5,333,277	54.0
29-30	0.000688	98,659	68	98,625	5,234,587	53.1
30-31	0.000739	98,591	73	98,554	5,135,962	52.1
31-32	0.000792	98,518	78	98,479	5,037,408	51.1
32-33	0.000841	98,440	83	98,398	4,938,929	50.2
33-34	0.000884	98,357	87	98,314	4,840,531	49.2
34-35	0.000924	98,270	91	98,225	4,742,217	48.3
35-36	0.000970	98,179	95	98,132	4,643,992	47.3
36-37	0.001027	98,084	101	98,034	4,545,861	46.3
37-38	0.001092	97,983	107	97,930	4,447,827	45.4
38-39	0.001166	97,876	114	97,819	4,349,897	44.4
39-40	0.001250	97,762	122	97,701	4,252,078	43.5
40-41	0.001347	97,640	132	97,574	4,154,377	42.5
41-42	0.001458	97,508	142	97,437	4,056,803	41.6
42-43	0.001578	97,366	154	97,290	3,959,365	40.7
43-44	0.001707	97,213	166	97,130	3,862,076	39.7
44-45	0.001849	97,047	179	96,957	3,764,946	38.8
45-46	0.002000	96,867	194	96,771	3,667,989	37.9
46-47	0.002173	96,674	210	96,569	3,571,218	36.9
47-48	0.002384	96,464	230	96,349	3,474,650	36.0
48-49	0.002636	96,234	254	96,107	3,378,301	35.1
49-50	0.002915	95,980	280	95,840	3,282,194	34.2
50-51	0.003199	95,700	306	95,547	3,186,354	33.3
51-52	0.003484	95,394	332	95,228	3,090,807	32.4
52-53	0.003783	95,062	360	94,882	2,995,579	31.5
53-54	0.004103	94,702	389	94,508	2,900,697	30.6
54-55	0.004443	94,314	419	94,104	2,806,190	29.8
55-56	0.004808	93,895	451	93,669	2,712,086	28.9
56-57	0.005185	93,443	485	93,201	2,618,417	28.0
57-58	0.005562	92,958	517	92,700	2,525,216	27.2
58-59	0.005936	92,441	549	92,167	2,432,516	26.3
59-60	0.006323	91,893	581	91,602	2,340,349	25.5
60-61	0.006739	91,312	615	91,004	2,248,747	24.6

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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	0.007208	90,696	654	90,369	2,157,743	23.8
62–63	0.007742	90,043	697	89,694	2,067,373	23.0
63–64	0.008349	89,345	746	88,972	1,977,679	22.1
64–65	0.009024	88,599	800	88,200	1,888,707	21.3
65–66	0.009754	87,800	856	87,372	1,800,507	20.5
66–67	0.010550	86,944	917	86,485	1,713,136	19.7
67–68	0.011452	86,026	985	85,534	1,626,651	18.9
68–69	0.012489	85,041	1,062	84,510	1,541,117	18.1
69–70	0.013714	83,979	1,152	83,403	1,456,607	17.3
70–71	0.015204	82,827	1,259	82,198	1,373,204	16.6
71–72	0.016900	81,568	1,378	80,879	1,291,006	15.8
72–73	0.018696	80,190	1,499	79,440	1,210,127	15.1
73–74	0.020515	78,690	1,614	77,883	1,130,687	14.4
74–75	0.022528	77,076	1,736	76,208	1,052,804	13.7
75–76	0.024780	75,340	1,867	74,406	976,596	13.0
76–77	0.027308	73,473	2,006	72,470	902,190	12.3
77–78	0.030300	71,466	2,165	70,384	829,721	11.6
78–79	0.033840	69,301	2,345	68,128	759,337	11.0
79–80	0.037844	66,956	2,534	65,689	691,209	10.3
80–81	0.042223	64,422	2,720	63,062	625,520	9.7
81–82	0.047002	61,702	2,900	60,252	562,458	9.1
82–83	0.052739	58,802	3,101	57,251	502,206	8.5
83–84	0.059026	55,701	3,288	54,057	444,955	8.0
84–85	0.066100	52,413	3,464	50,681	390,898	7.5
85–86	0.073764	48,948	3,611	47,143	340,218	7.0
86–87	0.083117	45,338	3,768	43,454	293,075	6.5
87–88	0.093469	41,569	3,885	39,627	249,622	6.0
88–89	0.104878	37,684	3,952	35,708	209,995	5.6
89–90	0.117395	33,732	3,960	31,752	174,287	5.2
90–91	0.131057	29,772	3,902	27,821	142,535	4.8
91–92	0.145887	25,870	3,774	23,983	114,714	4.4
92–93	0.161887	22,096	3,577	20,307	90,731	4.1
93–94	0.179040	18,519	3,316	16,861	70,424	3.8
94–95	0.197299	15,203	3,000	13,703	53,563	3.5
95–96	0.216593	12,204	2,643	10,882	39,860	3.3
96–97	0.236822	9,560	2,264	8,428	28,978	3.0
97–98	0.257858	7,296	1,881	6,356	20,549	2.8
98–99	0.279548	5,415	1,514	4,658	14,194	2.6
99–100	0.301715	3,901	1,177	3,313	9,535	2.4
100 and over	1.000000	2,724	2,724	6,223	6,223	2.3

SOURCE: NCHS, National Vital Statistics System, Mortality.