

**Table 2. Life table for males: United States, 2017**Spreadsheet version available from: [https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/68\\_07/Table02.xlsx](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_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.....	0.006302	100,000	630	99,449	7,610,075	76.1
1-2.....	0.000423	99,370	42	99,349	7,510,627	75.6
2-3.....	0.000287	99,328	29	99,313	7,411,278	74.6
3-4.....	0.000225	99,299	22	99,288	7,311,964	73.6
4-5.....	0.000158	99,277	16	99,269	7,212,676	72.7
5-6.....	0.000156	99,261	15	99,253	7,113,407	71.7
6-7.....	0.000138	99,246	14	99,239	7,014,154	70.7
7-8.....	0.000124	99,232	12	99,226	6,914,915	69.7
8-9.....	0.000110	99,220	11	99,214	6,815,689	68.7
9-10.....	0.000098	99,209	10	99,204	6,716,475	67.7
10-11.....	0.000094	99,199	9	99,194	6,617,271	66.7
11-12.....	0.000108	99,190	11	99,184	6,518,077	65.7
12-13.....	0.000152	99,179	15	99,171	6,418,893	64.7
13-14.....	0.000232	99,164	23	99,152	6,319,721	63.7
14-15.....	0.000341	99,141	34	99,124	6,220,569	62.7
15-16.....	0.000461	99,107	46	99,084	6,121,445	61.8
16-17.....	0.000584	99,061	58	99,032	6,022,360	60.8
17-18.....	0.000718	99,003	71	98,968	5,923,328	59.8
18-19.....	0.000859	98,932	85	98,890	5,824,360	58.9
19-20.....	0.001001	98,848	99	98,798	5,725,470	57.9
20-21.....	0.001147	98,749	113	98,692	5,626,672	57.0
21-22.....	0.001286	98,635	127	98,572	5,527,980	56.0
22-23.....	0.001403	98,508	138	98,439	5,429,408	55.1
23-24.....	0.001490	98,370	147	98,297	5,330,969	54.2
24-25.....	0.001554	98,224	153	98,147	5,232,672	53.3
25-26.....	0.001609	98,071	158	97,992	5,134,525	52.4
26-27.....	0.001664	97,913	163	97,832	5,036,533	51.4
27-28.....	0.001713	97,750	167	97,667	4,938,701	50.5
28-29.....	0.001762	97,583	172	97,497	4,841,034	49.6
29-30.....	0.001810	97,411	176	97,323	4,743,537	48.7
30-31.....	0.001859	97,235	181	97,144	4,646,215	47.8
31-32.....	0.001907	97,054	185	96,961	4,549,070	46.9
32-33.....	0.001959	96,869	190	96,774	4,452,109	46.0
33-34.....	0.002014	96,679	195	96,582	4,355,335	45.0
34-35.....	0.002072	96,484	200	96,384	4,258,754	44.1
35-36.....	0.002139	96,284	206	96,181	4,162,369	43.2
36-37.....	0.002211	96,078	212	95,972	4,066,188	42.3
37-38.....	0.002277	95,866	218	95,757	3,970,216	41.4
38-39.....	0.002333	95,648	223	95,536	3,874,459	40.5
39-40.....	0.002390	95,425	228	95,311	3,778,923	39.6
40-41.....	0.002463	95,196	234	95,079	3,683,612	38.7
41-42.....	0.002566	94,962	244	94,840	3,588,533	37.8
42-43.....	0.002701	94,718	256	94,591	3,493,693	36.9
43-44.....	0.002870	94,463	271	94,327	3,399,102	36.0
44-45.....	0.003066	94,192	289	94,047	3,304,775	35.1
45-46.....	0.003280	93,903	308	93,749	3,210,728	34.2
46-47.....	0.003520	93,595	329	93,430	3,116,979	33.3
47-48.....	0.003804	93,265	355	93,088	3,023,549	32.4
48-49.....	0.004146	92,910	385	92,718	2,930,462	31.5
49-50.....	0.004547	92,525	421	92,315	2,837,744	30.7
50-51.....	0.004978	92,105	459	91,875	2,745,429	29.8
51-52.....	0.005441	91,646	499	91,397	2,653,554	29.0
52-53.....	0.005965	91,147	544	90,876	2,562,157	28.1
53-54.....	0.006549	90,604	593	90,307	2,471,281	27.3
54-55.....	0.007170	90,010	645	89,688	2,380,974	26.5
55-56.....	0.007803	89,365	697	89,016	2,291,287	25.6
56-57.....	0.008445	88,668	749	88,293	2,202,270	24.8
57-58.....	0.009116	87,919	801	87,518	2,113,977	24.0
58-59.....	0.009838	87,117	857	86,689	2,026,459	23.3
59-60.....	0.010619	86,260	916	85,802	1,939,770	22.5
60-61.....	0.011470	85,344	979	84,855	1,853,967	21.7

**Table 2. Life table for males: United States, 2017—Con.**Spreadsheet version available from: [https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/68\\_07/Table02.xlsx](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_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.....	0.012361	84,365	1,043	83,844	1,769,113	21.0
62–63.....	0.013260	83,323	1,105	82,770	1,685,269	20.2
63–64.....	0.014140	82,218	1,163	81,636	1,602,498	19.5
64–65.....	0.015019	81,055	1,217	80,446	1,520,862	18.8
65–66.....	0.015942	79,838	1,273	79,201	1,440,416	18.0
66–67.....	0.017026	78,565	1,338	77,896	1,361,214	17.3
67–68.....	0.018189	77,227	1,405	76,525	1,283,318	16.6
68–69.....	0.019483	75,823	1,477	75,084	1,206,793	15.9
69–70.....	0.020990	74,345	1,561	73,565	1,131,709	15.2
70–71.....	0.022448	72,785	1,634	71,968	1,058,144	14.5
71–72.....	0.024631	71,151	1,753	70,275	986,176	13.9
72–73.....	0.026570	69,399	1,844	68,477	915,901	13.2
73–74.....	0.029040	67,555	1,962	66,574	847,424	12.5
74–75.....	0.031539	65,593	2,069	64,558	780,851	11.9
75–76.....	0.034644	63,524	2,201	62,424	716,292	11.3
76–77.....	0.038148	61,323	2,339	60,154	653,869	10.7
77–78.....	0.042250	58,984	2,492	57,738	593,715	10.1
78–79.....	0.046522	56,492	2,628	55,178	535,977	9.5
79–80.....	0.051401	53,864	2,769	52,479	480,799	8.9
80–81.....	0.056783	51,095	2,901	49,644	428,320	8.4
81–82.....	0.062514	48,194	3,013	46,687	378,675	7.9
82–83.....	0.069452	45,181	3,138	43,612	331,988	7.3
83–84.....	0.077622	42,043	3,263	40,411	288,376	6.9
84–85.....	0.086155	38,780	3,341	37,109	247,965	6.4
85–86.....	0.095450	35,439	3,383	33,747	210,855	5.9
86–87.....	0.105788	32,056	3,391	30,360	177,108	5.5
87–88.....	0.118527	28,665	3,398	26,966	146,748	5.1
88–89.....	0.132437	25,267	3,346	23,594	119,782	4.7
89–90.....	0.147541	21,921	3,234	20,304	96,188	4.4
90–91.....	0.163839	18,687	3,062	17,156	75,884	4.1
91–92.....	0.181308	15,625	2,833	14,209	58,728	3.8
92–93.....	0.199900	12,792	2,557	11,514	44,519	3.5
93–94.....	0.219535	10,235	2,247	9,112	33,006	3.2
94–95.....	0.240108	7,988	1,918	7,029	23,894	3.0
95–96.....	0.261480	6,070	1,587	5,276	16,865	2.8
96–97.....	0.283491	4,483	1,271	3,847	11,589	2.6
97–98.....	0.305955	3,212	983	2,721	7,741	2.4
98–99.....	0.328673	2,229	733	1,863	5,021	2.3
99–100.....	0.351434	1,497	526	1,234	3,158	2.1
100 and over.....	1.000000	971	971	1,924	1,924	2.0

SOURCE: NCHS, National Vital Statistics System, Mortality.

**Table 3. Life table for females: United States, 2017**

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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 $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1.....	0.005226	100,000	523	99,541	8,110,475	81.1
1-2.....	0.000339	99,477	34	99,461	8,010,934	80.5
2-3.....	0.000208	99,444	21	99,433	7,911,474	79.6
3-4.....	0.000159	99,423	16	99,415	7,812,040	78.6
4-5.....	0.000139	99,407	14	99,400	7,712,625	77.6
5-6.....	0.000126	99,393	12	99,387	7,613,225	76.6
6-7.....	0.000113	99,381	11	99,375	7,513,838	75.6
7-8.....	0.000104	99,370	10	99,365	7,414,463	74.6
8-9.....	0.000097	99,359	10	99,355	7,315,098	73.6
9-10.....	0.000092	99,350	9	99,345	7,215,744	72.6
10-11.....	0.000092	99,341	9	99,336	7,116,398	71.6
11-12.....	0.000098	99,331	10	99,327	7,017,062	70.6
12-13.....	0.000113	99,322	11	99,316	6,917,736	69.6
13-14.....	0.000138	99,311	14	99,304	6,818,420	68.7
14-15.....	0.000172	99,297	17	99,288	6,719,116	67.7
15-16.....	0.000210	99,280	21	99,269	6,619,828	66.7
16-17.....	0.000250	99,259	25	99,247	6,520,559	65.7
17-18.....	0.000293	99,234	29	99,220	6,421,312	64.7
18-19.....	0.000336	99,205	33	99,188	6,322,092	63.7
19-20.....	0.000379	99,172	38	99,153	6,222,904	62.7
20-21.....	0.000424	99,134	42	99,113	6,123,751	61.8
21-22.....	0.000471	99,092	47	99,069	6,024,638	60.8
22-23.....	0.000513	99,045	51	99,020	5,925,569	59.8
23-24.....	0.000550	98,995	54	98,967	5,826,549	58.9
24-25.....	0.000583	98,940	58	98,911	5,727,582	57.9
25-26.....	0.000613	98,883	61	98,852	5,628,670	56.9
26-27.....	0.000646	98,822	64	98,790	5,529,818	56.0
27-28.....	0.000682	98,758	67	98,724	5,431,028	55.0
28-29.....	0.000724	98,691	72	98,655	5,332,304	54.0
29-30.....	0.000774	98,619	76	98,581	5,233,649	53.1
30-31.....	0.000828	98,543	82	98,502	5,135,068	52.1
31-32.....	0.000885	98,461	87	98,418	5,036,566	51.2
32-33.....	0.000940	98,374	92	98,328	4,938,148	50.2
33-34.....	0.000989	98,282	97	98,233	4,839,820	49.2
34-35.....	0.001036	98,185	102	98,134	4,741,587	48.3
35-36.....	0.001087	98,083	107	98,030	4,643,453	47.3
36-37.....	0.001144	97,976	112	97,920	4,545,423	46.4
37-38.....	0.001203	97,864	118	97,805	4,447,503	45.4
38-39.....	0.001264	97,746	124	97,685	4,349,698	44.5
39-40.....	0.001332	97,623	130	97,558	4,252,013	43.6
40-41.....	0.001414	97,493	138	97,424	4,154,455	42.6
41-42.....	0.001513	97,355	147	97,281	4,057,031	41.7
42-43.....	0.001626	97,208	158	97,129	3,959,750	40.7
43-44.....	0.001750	97,050	170	96,965	3,862,621	39.8
44-45.....	0.001883	96,880	182	96,788	3,765,657	38.9
45-46.....	0.002025	96,697	196	96,599	3,668,868	37.9
46-47.....	0.002183	96,501	211	96,396	3,572,269	37.0
47-48.....	0.002366	96,291	228	96,177	3,475,873	36.1
48-49.....	0.002584	96,063	248	95,939	3,379,696	35.2
49-50.....	0.002836	95,815	272	95,679	3,283,757	34.3
50-51.....	0.003105	95,543	297	95,395	3,188,078	33.4
51-52.....	0.003391	95,246	323	95,085	3,092,683	32.5
52-53.....	0.003711	94,923	352	94,747	2,997,598	31.6
53-54.....	0.004066	94,571	385	94,379	2,902,851	30.7
54-55.....	0.004441	94,187	418	93,977	2,808,472	29.8
55-56.....	0.004829	93,768	453	93,542	2,714,495	28.9
56-57.....	0.005221	93,315	487	93,072	2,620,953	28.1
57-58.....	0.005613	92,828	521	92,568	2,527,881	27.2
58-59.....	0.006011	92,307	555	92,030	2,435,313	26.4
59-60.....	0.006429	91,752	590	91,457	2,343,284	25.5
60-61.....	0.006880	91,162	627	90,849	2,251,826	24.7

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	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
61–62.....	0.007371	90,535	667	90,202	2,160,977	23.9
62–63.....	0.007903	89,868	710	89,513	2,070,776	23.0
63–64.....	0.008481	89,158	756	88,780	1,981,263	22.2
64–65.....	0.009111	88,401	805	87,999	1,892,484	21.4
65–66.....	0.009793	87,596	858	87,167	1,804,485	20.6
66–67.....	0.010568	86,738	917	86,280	1,717,318	19.8
67–68.....	0.011436	85,822	981	85,331	1,631,038	19.0
68–69.....	0.012474	84,840	1,058	84,311	1,545,707	18.2
69–70.....	0.013659	83,782	1,144	83,210	1,461,396	17.4
70–71.....	0.014881	82,637	1,230	82,023	1,378,187	16.7
71–72.....	0.016529	81,408	1,346	80,735	1,296,164	15.9
72–73.....	0.018210	80,062	1,458	79,333	1,215,429	15.2
73–74.....	0.020011	78,604	1,573	77,818	1,136,096	14.5
74–75.....	0.021903	77,031	1,687	76,188	1,058,278	13.7
75–76.....	0.024322	75,344	1,833	74,428	982,091	13.0
76–77.....	0.026899	73,511	1,977	72,523	907,663	12.3
77–78.....	0.029886	71,534	2,138	70,465	835,141	11.7
78–79.....	0.033413	69,396	2,319	68,237	764,675	11.0
79–80.....	0.037065	67,078	2,486	65,834	696,439	10.4
80–81.....	0.041478	64,591	2,679	63,252	630,604	9.8
81–82.....	0.046150	61,912	2,857	60,484	567,352	9.2
82–83.....	0.051681	59,055	3,052	57,529	506,869	8.6
83–84.....	0.058587	56,003	3,281	54,362	449,340	8.0
84–85.....	0.065586	52,722	3,458	50,993	394,978	7.5
85–86.....	0.072855	49,264	3,589	47,469	343,985	7.0
86–87.....	0.081115	45,675	3,705	43,822	296,515	6.5
87–88.....	0.091618	41,970	3,845	40,047	252,693	6.0
88–89.....	0.103241	38,125	3,936	36,157	212,645	5.6
89–90.....	0.116041	34,189	3,967	32,205	176,488	5.2
90–91.....	0.130061	30,222	3,931	28,256	144,283	4.8
91–92.....	0.145329	26,291	3,821	24,380	116,027	4.4
92–93.....	0.161848	22,470	3,637	20,652	91,647	4.1
93–94.....	0.179598	18,833	3,382	17,142	70,995	3.8
94–95.....	0.198530	15,451	3,067	13,917	53,853	3.5
95–96.....	0.218561	12,383	2,707	11,030	39,936	3.2
96–97.....	0.239579	9,677	2,318	8,518	28,906	3.0
97–98.....	0.261439	7,359	1,924	6,397	20,388	2.8
98–99.....	0.283967	5,435	1,543	4,663	13,991	2.6
99–100.....	0.306967	3,891	1,195	3,294	9,328	2.4
100 and over.....	1.000000	2,697	2,697	6,034	6,034	2.2

SOURCE: NCHS, National Vital Statistics System, Mortality.