

Table 2. Life table for males: United States, 2023Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/74-06/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.....	0.006023	100,000	602	99,477	7,581,780	75.8
1-2.....	0.000481	99,398	48	99,374	7,482,304	75.3
2-3.....	0.000332	99,350	33	99,333	7,382,930	74.3
3-4.....	0.000237	99,317	24	99,305	7,283,597	73.3
4-5.....	0.000179	99,293	18	99,284	7,184,291	72.4
5-6.....	0.000165	99,275	16	99,267	7,085,007	71.4
6-7.....	0.000151	99,259	15	99,252	6,985,740	70.4
7-8.....	0.000139	99,244	14	99,237	6,886,488	69.4
8-9.....	0.000122	99,230	12	99,224	6,787,251	68.4
9-10.....	0.000101	99,218	10	99,213	6,688,027	67.4
10-11.....	0.000087	99,208	9	99,204	6,588,814	66.4
11-12.....	0.000097	99,200	10	99,195	6,489,610	65.4
12-13.....	0.000150	99,190	15	99,182	6,390,415	64.4
13-14.....	0.000256	99,175	25	99,162	6,291,233	63.4
14-15.....	0.000397	99,150	39	99,130	6,192,070	62.5
15-16.....	0.000551	99,110	55	99,083	6,092,940	61.5
16-17.....	0.000698	99,056	69	99,021	5,993,857	60.5
17-18.....	0.000833	98,987	82	98,945	5,894,836	59.6
18-19.....	0.000953	98,904	94	98,857	5,795,891	58.6
19-20.....	0.001061	98,810	105	98,757	5,697,034	57.7
20-21.....	0.001175	98,705	116	98,647	5,598,276	56.7
21-22.....	0.001295	98,589	128	98,525	5,499,629	55.8
22-23.....	0.001401	98,461	138	98,392	5,401,104	54.9
23-24.....	0.001487	98,323	146	98,250	5,302,712	53.9
24-25.....	0.001560	98,177	153	98,101	5,204,461	53.0
25-26.....	0.001625	98,024	159	97,944	5,106,361	52.1
26-27.....	0.001697	97,865	166	97,782	5,008,416	51.2
27-28.....	0.001783	97,699	174	97,612	4,910,634	50.3
28-29.....	0.001890	97,525	184	97,432	4,813,023	49.4
29-30.....	0.002008	97,340	195	97,242	4,715,590	48.4
30-31.....	0.002127	97,145	207	97,041	4,618,348	47.5
31-32.....	0.002237	96,938	217	96,830	4,521,307	46.6
32-33.....	0.002336	96,721	226	96,608	4,424,477	45.7
33-34.....	0.002423	96,495	234	96,378	4,327,869	44.9
34-35.....	0.002505	96,262	241	96,141	4,231,490	44.0
35-36.....	0.002588	96,020	248	95,896	4,135,349	43.1
36-37.....	0.002680	95,772	257	95,644	4,039,453	42.2
37-38.....	0.002784	95,515	266	95,382	3,943,809	41.3
38-39.....	0.002903	95,249	277	95,111	3,848,427	40.4
39-40.....	0.003032	94,973	288	94,829	3,753,316	39.5
40-41.....	0.003176	94,685	301	94,535	3,658,487	38.6
41-42.....	0.003326	94,384	314	94,227	3,563,952	37.8
42-43.....	0.003464	94,070	326	93,907	3,469,725	36.9
43-44.....	0.003588	93,744	336	93,576	3,375,818	36.0
44-45.....	0.003714	93,408	347	93,235	3,282,242	35.1
45-46.....	0.003862	93,061	359	92,881	3,189,007	34.3
46-47.....	0.004052	92,702	376	92,514	3,096,126	33.4
47-48.....	0.004284	92,326	396	92,128	3,003,612	32.5
48-49.....	0.004557	91,931	419	91,721	2,911,483	31.7
49-50.....	0.004859	91,512	445	91,289	2,819,762	30.8
50-51.....	0.005182	91,067	472	90,831	2,728,473	30.0
51-52.....	0.005535	90,595	501	90,344	2,637,642	29.1
52-53.....	0.005938	90,094	535	89,826	2,547,297	28.3
53-54.....	0.006411	89,559	574	89,272	2,457,471	27.4
54-55.....	0.006960	88,985	619	88,675	2,368,200	26.6
55-56.....	0.007549	88,365	667	88,032	2,279,525	25.8
56-57.....	0.008183	87,698	718	87,339	2,191,493	25.0
57-58.....	0.008909	86,981	775	86,593	2,104,154	24.2
58-59.....	0.009721	86,206	838	85,787	2,017,561	23.4
59-60.....	0.010581	85,368	903	84,916	1,931,774	22.6

Table 2. Life table for males: United States, 2023—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/74-06/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
60–61.....	0.011457	84,464	968	83,980	1,846,858	21.9
61–62.....	0.012333	83,497	1,030	82,982	1,762,877	21.1
62–63.....	0.013223	82,467	1,090	81,922	1,679,896	20.4
63–64.....	0.014147	81,376	1,151	80,801	1,597,974	19.6
64–65.....	0.015132	80,225	1,214	79,618	1,517,173	18.9
65–66.....	0.016196	79,011	1,280	78,371	1,437,555	18.2
66–67.....	0.017494	77,732	1,360	77,052	1,359,184	17.5
67–68.....	0.018695	76,372	1,428	75,658	1,282,132	16.8
68–69.....	0.019985	74,944	1,498	74,195	1,206,474	16.1
69–70.....	0.021360	73,446	1,569	72,662	1,132,279	15.4
70–71.....	0.022642	71,877	1,627	71,064	1,059,617	14.7
71–72.....	0.024317	70,250	1,708	69,396	988,554	14.1
72–73.....	0.026170	68,542	1,794	67,645	919,158	13.4
73–74.....	0.028328	66,748	1,891	65,802	851,513	12.8
74–75.....	0.030787	64,857	1,997	63,859	785,711	12.1
75–76.....	0.033522	62,860	2,107	61,807	721,852	11.5
76–77.....	0.036028	60,753	2,189	59,659	660,045	10.9
77–78.....	0.040607	58,564	2,378	57,375	600,387	10.3
78–79.....	0.044020	56,186	2,473	54,950	543,012	9.7
79–80.....	0.049348	53,713	2,651	52,388	488,062	9.1
80–81.....	0.054164	51,062	2,766	49,679	435,674	8.5
81–82.....	0.061040	48,297	2,948	46,822	385,995	8.0
82–83.....	0.068034	45,348	3,085	43,806	339,173	7.5
83–84.....	0.075182	42,263	3,177	40,675	295,367	7.0
84–85.....	0.082862	39,086	3,239	37,466	254,692	6.5
85–86.....	0.092160	35,847	3,304	34,195	217,226	6.1
86–87.....	0.103004	32,543	3,352	30,867	183,030	5.6
87–88.....	0.115464	29,191	3,371	27,506	152,163	5.2
88–89.....	0.129086	25,821	3,333	24,154	124,657	4.8
89–90.....	0.143895	22,488	3,236	20,870	100,503	4.5
90–91.....	0.159898	19,252	3,078	17,713	79,633	4.1
91–92.....	0.177078	16,173	2,864	14,742	61,920	3.8
92–93.....	0.195392	13,310	2,601	12,009	47,179	3.5
93–94.....	0.214769	10,709	2,300	9,559	35,170	3.3
94–95.....	0.235109	8,409	1,977	7,420	25,611	3.0
95–96.....	0.256283	6,432	1,648	5,608	18,190	2.8
96–97.....	0.278136	4,784	1,330	4,118	12,582	2.6
97–98.....	0.300487	3,453	1,038	2,934	8,464	2.5
98–99.....	0.323140	2,415	781	2,025	5,530	2.3
99–100.....	0.345888	1,635	566	1,352	3,505	2.1
100 and older.....	1.000000	1,069	1,069	2,152	2,152	2.0

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Table 3. Life table for females: United States, 2023Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/74-06/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.....	0.005132	100,000	513	99,555	8,107,991	81.1
1-2.....	0.000394	99,487	39	99,467	8,008,436	80.5
2-3.....	0.000232	99,448	23	99,436	7,908,969	79.5
3-4.....	0.000187	99,424	19	99,415	7,809,533	78.5
4-5.....	0.000142	99,406	14	99,399	7,710,118	77.6
5-6.....	0.000133	99,392	13	99,385	7,610,719	76.6
6-7.....	0.000119	99,379	12	99,373	7,511,334	75.6
7-8.....	0.000110	99,367	11	99,361	7,411,961	74.6
8-9.....	0.000103	99,356	10	99,351	7,312,600	73.6
9-10.....	0.000098	99,346	10	99,341	7,213,249	72.6
10-11.....	0.000098	99,336	10	99,331	7,113,908	71.6
11-12.....	0.000104	99,326	10	99,321	7,014,578	70.6
12-13.....	0.000123	99,316	12	99,310	6,915,257	69.6
13-14.....	0.000155	99,304	15	99,296	6,815,947	68.6
14-15.....	0.000196	99,288	19	99,278	6,716,651	67.6
15-16.....	0.000241	99,269	24	99,257	6,617,373	66.7
16-17.....	0.000286	99,245	28	99,231	6,518,116	65.7
17-18.....	0.000328	99,216	33	99,200	6,418,885	64.7
18-19.....	0.000366	99,184	36	99,166	6,319,685	63.7
19-20.....	0.000402	99,147	40	99,127	6,220,520	62.7
20-21.....	0.000443	99,108	44	99,086	6,121,392	61.8
21-22.....	0.000486	99,064	48	99,040	6,022,307	60.8
22-23.....	0.000524	99,016	52	98,990	5,923,267	59.8
23-24.....	0.000555	98,964	55	98,936	5,824,277	58.9
24-25.....	0.000583	98,909	58	98,880	5,725,341	57.9
25-26.....	0.000609	98,851	60	98,821	5,626,461	56.9
26-27.....	0.000640	98,791	63	98,759	5,527,640	56.0
27-28.....	0.000685	98,728	68	98,694	5,428,881	55.0
28-29.....	0.000748	98,660	74	98,623	5,330,187	54.0
29-30.....	0.000821	98,586	81	98,546	5,231,564	53.1
30-31.....	0.000898	98,505	88	98,461	5,133,019	52.1
31-32.....	0.000971	98,417	96	98,369	5,034,558	51.2
32-33.....	0.001037	98,321	102	98,270	4,936,189	50.2
33-34.....	0.001094	98,219	108	98,165	4,837,919	49.3
34-35.....	0.001149	98,112	113	98,055	4,739,753	48.3
35-36.....	0.001206	97,999	118	97,940	4,641,698	47.4
36-37.....	0.001270	97,881	124	97,819	4,543,758	46.4
37-38.....	0.001348	97,756	132	97,691	4,445,940	45.5
38-39.....	0.001441	97,625	141	97,554	4,348,249	44.5
39-40.....	0.001544	97,484	151	97,409	4,250,695	43.6
40-41.....	0.001660	97,333	162	97,253	4,153,286	42.7
41-42.....	0.001778	97,172	173	97,085	4,056,034	41.7
42-43.....	0.001883	96,999	183	96,908	3,958,948	40.8
43-44.....	0.001973	96,816	191	96,721	3,862,040	39.9
44-45.....	0.002057	96,625	199	96,526	3,765,320	39.0
45-46.....	0.002153	96,427	208	96,323	3,668,794	38.0
46-47.....	0.002277	96,219	219	96,109	3,572,471	37.1
47-48.....	0.002433	96,000	234	95,883	3,476,362	36.2
48-49.....	0.002621	95,766	251	95,641	3,380,479	35.3
49-50.....	0.002832	95,515	271	95,380	3,284,838	34.4
50-51.....	0.003062	95,245	292	95,099	3,189,458	33.5
51-52.....	0.003309	94,953	314	94,796	3,094,359	32.6
52-53.....	0.003572	94,639	338	94,470	2,999,563	31.7
53-54.....	0.003858	94,301	364	94,119	2,905,093	30.8
54-55.....	0.004179	93,937	393	93,741	2,810,974	29.9
55-56.....	0.004519	93,545	423	93,333	2,717,233	29.0
56-57.....	0.004897	93,122	456	92,894	2,623,900	28.2
57-58.....	0.005348	92,666	496	92,418	2,531,006	27.3
58-59.....	0.005873	92,170	541	91,900	2,438,588	26.5
59-60.....	0.006443	91,629	590	91,334	2,346,689	25.6

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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
60–61.....	0.007034	91,038	640	90,718	2,255,355	24.8
61–62.....	0.007625	90,398	689	90,054	2,164,637	23.9
62–63.....	0.008216	89,709	737	89,340	2,074,583	23.1
63–64.....	0.008816	88,972	784	88,580	1,985,243	22.3
64–65.....	0.009448	88,187	833	87,771	1,896,663	21.5
65–66.....	0.010135	87,354	885	86,912	1,808,892	20.7
66–67.....	0.010961	86,469	948	85,995	1,721,981	19.9
67–68.....	0.011782	85,521	1,008	85,017	1,635,986	19.1
68–69.....	0.012696	84,514	1,073	83,977	1,550,968	18.4
69–70.....	0.013728	83,441	1,145	82,868	1,466,991	17.6
70–71.....	0.014755	82,295	1,214	81,688	1,384,124	16.8
71–72.....	0.016066	81,081	1,303	80,429	1,302,436	16.1
72–73.....	0.017524	79,778	1,398	79,079	1,222,006	15.3
73–74.....	0.019299	78,380	1,513	77,624	1,142,927	14.6
74–75.....	0.021326	76,867	1,639	76,048	1,065,303	13.9
75–76.....	0.023712	75,228	1,784	74,336	989,255	13.2
76–77.....	0.025914	73,444	1,903	72,493	914,919	12.5
77–78.....	0.029447	71,541	2,107	70,488	842,426	11.8
78–79.....	0.032420	69,434	2,251	68,309	771,939	11.1
79–80.....	0.036450	67,183	2,449	65,959	703,630	10.5
80–81.....	0.040493	64,735	2,621	63,424	637,671	9.9
81–82.....	0.045557	62,113	2,830	60,698	574,247	9.2
82–83.....	0.051025	59,284	3,025	57,771	513,548	8.7
83–84.....	0.056904	56,259	3,201	54,658	455,777	8.1
84–85.....	0.064118	53,057	3,402	51,356	401,119	7.6
85–86.....	0.070931	49,655	3,522	47,894	349,763	7.0
86–87.....	0.080253	46,133	3,702	44,282	301,868	6.5
87–88.....	0.090614	42,431	3,845	40,508	257,586	6.1
88–89.....	0.102080	38,586	3,939	36,617	217,078	5.6
89–90.....	0.114707	34,647	3,974	32,660	180,461	5.2
90–91.....	0.128541	30,673	3,943	28,702	147,801	4.8
91–92.....	0.143609	26,730	3,839	24,811	119,100	4.5
92–93.....	0.159919	22,892	3,661	21,061	94,289	4.1
93–94.....	0.177452	19,231	3,413	17,524	73,228	3.8
94–95.....	0.196164	15,818	3,103	14,267	55,703	3.5
95–96.....	0.215977	12,715	2,746	11,342	41,436	3.3
96–97.....	0.236785	9,969	2,361	8,789	30,094	3.0
97–98.....	0.258448	7,609	1,966	6,625	21,306	2.8
98–99.....	0.280798	5,642	1,584	4,850	14,680	2.6
99–100.....	0.303644	4,058	1,232	3,442	9,830	2.4
100 and older.....	1.000000	2,826	2,826	6,389	6,389	2.3

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.