

Table 2. Life table for males: United States, 2021

Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/72-12/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	0.005833	100,000	583	99,489	7,354,986	73.5
1-2	0.000416	99,417	41	99,396	7,255,497	73.0
2-3	0.000274	99,375	27	99,362	7,156,101	72.0
3-4	0.000224	99,348	22	99,337	7,056,739	71.0
4-5	0.000175	99,326	17	99,317	6,957,402	70.0
5-6	0.000161	99,308	16	99,300	6,858,085	69.1
6-7	0.000149	99,292	15	99,285	6,758,785	68.1
7-8	0.000137	99,278	14	99,271	6,659,500	67.1
8-9	0.000119	99,264	12	99,258	6,560,229	66.1
9-10	0.000098	99,252	10	99,247	6,460,971	65.1
10-11	0.000084	99,242	8	99,238	6,361,724	64.1
11-12	0.000093	99,234	9	99,230	6,262,485	63.1
12-13	0.000144	99,225	14	99,218	6,163,256	62.1
13-14	0.000248	99,211	25	99,198	6,064,038	61.1
14-15	0.000392	99,186	39	99,167	5,964,840	60.1
15-16	0.000556	99,147	55	99,120	5,865,673	59.2
16-17	0.000719	99,092	71	99,056	5,766,553	58.2
17-18	0.000885	99,021	88	98,977	5,667,497	57.2
18-19	0.001044	98,933	103	98,882	5,568,520	56.3
19-20	0.001199	98,830	118	98,771	5,469,638	55.3
20-21	0.001361	98,711	134	98,644	5,370,868	54.4
21-22	0.001527	98,577	151	98,502	5,272,223	53.5
22-23	0.001678	98,427	165	98,344	5,173,722	52.6
23-24	0.001805	98,261	177	98,173	5,075,378	51.7
24-25	0.001915	98,084	188	97,990	4,977,205	50.7
25-26	0.002015	97,896	197	97,798	4,879,215	49.8
26-27	0.002116	97,699	207	97,596	4,781,417	48.9
27-28	0.002221	97,492	217	97,384	4,683,821	48.0
28-29	0.002334	97,276	227	97,162	4,586,438	47.1
29-30	0.002451	97,049	238	96,930	4,489,275	46.3
30-31	0.002569	96,811	249	96,686	4,392,346	45.4
31-32	0.002682	96,562	259	96,433	4,295,659	44.5
32-33	0.002789	96,303	269	96,169	4,199,227	43.6
33-34	0.002887	96,035	277	95,896	4,103,058	42.7
34-35	0.002982	95,757	286	95,615	4,007,162	41.8
35-36	0.003081	95,472	294	95,325	3,911,547	41.0
36-37	0.003190	95,178	304	95,026	3,816,222	40.1
37-38	0.003310	94,874	314	94,717	3,721,196	39.2
38-39	0.003446	94,560	326	94,397	3,626,479	38.4
39-40	0.003597	94,234	339	94,065	3,532,082	37.5
40-41	0.003772	93,895	354	93,718	3,438,018	36.6
41-42	0.003964	93,541	371	93,356	3,344,299	35.8
42-43	0.004158	93,170	387	92,977	3,250,944	34.9
43-44	0.004353	92,783	404	92,581	3,157,967	34.0
44-45	0.004560	92,379	421	92,168	3,065,386	33.2
45-46	0.004799	91,958	441	91,737	2,973,218	32.3
46-47	0.005090	91,516	466	91,283	2,881,481	31.5
47-48	0.005431	91,051	494	90,803	2,790,198	30.6
48-49	0.005818	90,556	527	90,293	2,699,394	29.8
49-50	0.006241	90,029	562	89,748	2,609,102	29.0
50-51	0.006679	89,467	598	89,169	2,519,353	28.2
51-52	0.007151	88,870	636	88,552	2,430,185	27.3
52-53	0.007690	88,234	678	87,895	2,341,633	26.5
53-54	0.008316	87,556	728	87,192	2,253,738	25.7
54-55	0.009023	86,828	783	86,436	2,166,546	25.0
55-56	0.009754	86,044	839	85,624	2,080,111	24.2
56-57	0.010510	85,205	895	84,757	1,994,486	23.4
57-58	0.011350	84,309	957	83,831	1,909,729	22.7
58-59	0.012285	83,352	1,024	82,840	1,825,898	21.9
59-60	0.013286	82,328	1,094	81,782	1,743,058	21.2

See footnote at end of table.

Table 2. Life table for males: United States, 2021—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/72-12/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.....	0.014341	81,235	1,165	80,652	1,661,276	20.5
61–62.....	0.015402	80,070	1,233	79,453	1,580,624	19.7
62–63.....	0.016437	78,836	1,296	78,189	1,501,171	19.0
63–64.....	0.017445	77,541	1,353	76,864	1,422,982	18.4
64–65.....	0.018475	76,188	1,408	75,484	1,346,118	17.7
65–66.....	0.019576	74,780	1,464	74,048	1,270,634	17.0
66–67.....	0.020927	73,316	1,534	72,549	1,196,586	16.3
67–68.....	0.022303	71,782	1,601	70,982	1,124,036	15.7
68–69.....	0.023804	70,181	1,671	69,346	1,053,055	15.0
69–70.....	0.025383	68,511	1,739	67,641	983,709	14.4
70–71.....	0.026908	66,772	1,797	65,873	916,068	13.7
71–72.....	0.028704	64,975	1,865	64,042	850,195	13.1
72–73.....	0.030788	63,110	1,943	62,138	786,152	12.5
73–74.....	0.033361	61,167	2,041	60,147	724,014	11.8
74–75.....	0.035944	59,126	2,125	58,064	663,867	11.2
75–76.....	0.040497	57,001	2,308	55,847	605,804	10.6
76–77.....	0.044053	54,693	2,409	53,488	549,957	10.1
77–78.....	0.048810	52,283	2,552	51,007	496,469	9.5
78–79.....	0.053173	49,731	2,644	48,409	445,461	9.0
79–80.....	0.058908	47,087	2,774	45,700	397,052	8.4
80–81.....	0.063954	44,313	2,834	42,896	351,352	7.9
81–82.....	0.070311	41,479	2,916	40,021	308,456	7.4
82–83.....	0.076958	38,563	2,968	37,079	268,435	7.0
83–84.....	0.084813	35,595	3,019	34,086	231,356	6.5
84–85.....	0.094500	32,576	3,078	31,037	197,271	6.1
85–86.....	0.104319	29,498	3,077	27,959	166,234	5.6
86–87.....	0.116428	26,421	3,076	24,882	138,275	5.2
87–88.....	0.129619	23,344	3,026	21,831	113,392	4.9
88–89.....	0.143914	20,319	2,924	18,856	91,561	4.5
89–90.....	0.159317	17,394	2,771	16,009	72,704	4.2
90–91.....	0.175814	14,623	2,571	13,338	56,695	3.9
91–92.....	0.193369	12,052	2,331	10,887	43,358	3.6
92–93.....	0.211919	9,722	2,060	8,692	32,471	3.3
93–94.....	0.231379	7,661	1,773	6,775	23,779	3.1
94–95.....	0.251638	5,889	1,482	5,148	17,004	2.9
95–96.....	0.272559	4,407	1,201	3,806	11,856	2.7
96–97.....	0.293988	3,206	942	2,735	8,050	2.5
97–98.....	0.315751	2,263	715	1,906	5,315	2.3
98–99.....	0.337666	1,549	523	1,287	3,409	2.2
99–100.....	0.359544	1,026	369	841	2,122	2.1
100 and older.....	1.000000	657	657	1,281	1,281	1.9

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

Table 3. Life table for females: United States, 2021

Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/72-12/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	0.005040	100,000	504	99,557	7,932,807	79.3
1-2	0.000389	99,496	39	99,477	7,833,250	78.7
2-3	0.000234	99,457	23	99,446	7,733,774	77.8
3-4	0.000158	99,434	16	99,426	7,634,328	76.8
4-5	0.000147	99,418	15	99,411	7,534,902	75.8
5-6	0.000124	99,404	12	99,398	7,435,491	74.8
6-7	0.000109	99,391	11	99,386	7,336,093	73.8
7-8	0.000100	99,381	10	99,376	7,236,707	72.8
8-9	0.000094	99,371	9	99,366	7,137,332	71.8
9-10	0.000093	99,361	9	99,357	7,037,966	70.8
10-11	0.000096	99,352	10	99,347	6,938,609	69.8
11-12	0.000107	99,342	11	99,337	6,839,262	68.8
12-13	0.000128	99,332	13	99,325	6,739,925	67.9
13-14	0.000160	99,319	16	99,311	6,640,600	66.9
14-15	0.000201	99,303	20	99,293	6,541,289	65.9
15-16	0.000247	99,283	25	99,271	6,441,995	64.9
16-17	0.000297	99,259	29	99,244	6,342,724	63.9
17-18	0.000349	99,229	35	99,212	6,243,481	62.9
18-19	0.000403	99,195	40	99,175	6,144,269	61.9
19-20	0.000459	99,155	46	99,132	6,045,094	61.0
20-21	0.000520	99,109	52	99,083	5,945,962	60.0
21-22	0.000584	99,057	58	99,029	5,846,879	59.0
22-23	0.000641	99,000	64	98,968	5,747,851	58.1
23-24	0.000690	98,936	68	98,902	5,648,883	57.1
24-25	0.000733	98,868	72	98,832	5,549,981	56.1
25-26	0.000774	98,795	76	98,757	5,451,149	55.2
26-27	0.000820	98,719	81	98,678	5,352,392	54.2
27-28	0.000876	98,638	86	98,595	5,253,714	53.3
28-29	0.000946	98,552	93	98,505	5,155,119	52.3
29-30	0.001026	98,458	101	98,408	5,056,614	51.4
30-31	0.001111	98,357	109	98,303	4,958,206	50.4
31-32	0.001194	98,248	117	98,189	4,859,903	49.5
32-33	0.001275	98,131	125	98,068	4,761,714	48.5
33-34	0.001354	98,006	133	97,939	4,663,646	47.6
34-35	0.001433	97,873	140	97,803	4,565,707	46.6
35-36	0.001518	97,733	148	97,658	4,467,904	45.7
36-37	0.001611	97,584	157	97,506	4,370,245	44.8
37-38	0.001709	97,427	167	97,344	4,272,740	43.9
38-39	0.001814	97,261	176	97,172	4,175,396	42.9
39-40	0.001925	97,084	187	96,991	4,078,223	42.0
40-41	0.002048	96,897	198	96,798	3,981,232	41.1
41-42	0.002183	96,699	211	96,593	3,884,434	40.2
42-43	0.002321	96,488	224	96,376	3,787,841	39.3
43-44	0.002461	96,264	237	96,145	3,691,465	38.3
44-45	0.002611	96,027	251	95,902	3,595,320	37.4
45-46	0.002784	95,776	267	95,643	3,499,418	36.5
46-47	0.002984	95,510	285	95,367	3,403,775	35.6
47-48	0.003203	95,225	305	95,072	3,308,408	34.7
48-49	0.003436	94,919	326	94,756	3,213,336	33.9
49-50	0.003680	94,593	348	94,419	3,118,580	33.0
50-51	0.003935	94,245	371	94,060	3,024,160	32.1
51-52	0.004217	93,874	396	93,677	2,930,101	31.2
52-53	0.004544	93,479	425	93,266	2,836,424	30.3
53-54	0.004928	93,054	459	92,824	2,743,158	29.5
54-55	0.005361	92,595	496	92,347	2,650,333	28.6
55-56	0.005809	92,099	535	91,831	2,557,986	27.8
56-57	0.006274	91,564	574	91,277	2,466,155	26.9
57-58	0.006795	90,989	618	90,680	2,374,879	26.1
58-59	0.007383	90,371	667	90,037	2,284,199	25.3
59-60	0.008020	89,704	719	89,344	2,194,161	24.5

See footnote at end of table.

Table 3. Life table for females: United States, 2021—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/72-12/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
60–61.....	0.008703	88,984	774	88,597	2,104,817	23.7
61–62.....	0.009396	88,210	829	87,796	2,016,220	22.9
62–63.....	0.010066	87,381	880	86,941	1,928,424	22.1
63–64.....	0.010706	86,502	926	86,039	1,841,482	21.3
64–65.....	0.011354	85,576	972	85,090	1,755,444	20.5
65–66.....	0.012041	84,604	1,019	84,095	1,670,354	19.7
66–67.....	0.012880	83,585	1,077	83,047	1,586,259	19.0
67–68.....	0.013821	82,509	1,140	81,938	1,503,212	18.2
68–69.....	0.014915	81,368	1,214	80,762	1,421,274	17.5
69–70.....	0.016188	80,155	1,298	79,506	1,340,512	16.7
70–71.....	0.017475	78,857	1,378	78,168	1,261,007	16.0
71–72.....	0.018964	77,479	1,469	76,744	1,182,838	15.3
72–73.....	0.020616	76,010	1,567	75,226	1,106,094	14.6
73–74.....	0.022603	74,443	1,683	73,602	1,030,868	13.8
74–75.....	0.024647	72,760	1,793	71,864	957,266	13.2
75–76.....	0.027933	70,967	1,982	69,976	885,402	12.5
76–77.....	0.030922	68,985	2,133	67,918	815,427	11.8
77–78.....	0.034536	66,851	2,309	65,697	747,509	11.2
78–79.....	0.037857	64,543	2,443	63,321	681,812	10.6
79–80.....	0.041967	62,099	2,606	60,796	618,491	10.0
80–81.....	0.046336	59,493	2,757	58,115	557,695	9.4
81–82.....	0.051084	56,736	2,898	55,287	499,580	8.8
82–83.....	0.056608	53,838	3,048	52,314	444,293	8.3
83–84.....	0.062881	50,790	3,194	49,194	391,978	7.7
84–85.....	0.070582	47,597	3,359	45,917	342,785	7.2
85–86.....	0.079149	44,237	3,501	42,487	296,868	6.7
86–87.....	0.087870	40,736	3,579	38,946	254,381	6.2
87–88.....	0.098712	37,156	3,668	35,323	215,435	5.8
88–89.....	0.110635	33,489	3,705	31,636	180,113	5.4
89–90.....	0.123686	29,784	3,684	27,942	148,477	5.0
90–91.....	0.137893	26,100	3,599	24,300	120,535	4.6
91–92.....	0.153272	22,501	3,449	20,776	96,235	4.3
92–93.....	0.169816	19,052	3,235	17,434	75,458	4.0
93–94.....	0.187493	15,817	2,966	14,334	58,024	3.7
94–95.....	0.206246	12,851	2,651	11,526	43,690	3.4
95–96.....	0.225991	10,201	2,305	9,048	32,164	3.2
96–97.....	0.246613	7,895	1,947	6,922	23,116	2.9
97–98.....	0.267972	5,948	1,594	5,151	16,194	2.7
98–99.....	0.289905	4,354	1,262	3,723	11,043	2.5
99–100.....	0.312227	3,092	965	2,609	7,319	2.4
100 and older.....	1.000000	2,127	2,127	4,710	4,710	2.2

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