

Table 2. Life table for males: United States, 2020Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/71-01/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	0.005849	100,000	585	99,491	7,418,817	74.2
1-2	0.000403	99,415	40	99,395	7,319,326	73.6
2-3	0.000259	99,375	26	99,362	7,219,931	72.7
3-4	0.000208	99,349	21	99,339	7,120,569	71.7
4-5	0.000155	99,329	15	99,321	7,021,230	70.7
5-6	0.000144	99,313	14	99,306	6,921,909	69.7
6-7	0.000132	99,299	13	99,292	6,822,603	68.7
7-8	0.000121	99,286	12	99,280	6,723,311	67.7
8-9	0.000109	99,274	11	99,268	6,624,031	66.7
9-10	0.000096	99,263	10	99,258	6,524,762	65.7
10-11	0.000091	99,254	9	99,249	6,425,504	64.7
11-12	0.000107	99,244	11	99,239	6,326,255	63.7
12-13	0.000159	99,234	16	99,226	6,227,016	62.8
13-14	0.000255	99,218	25	99,205	6,127,790	61.8
14-15	0.000385	99,193	38	99,174	6,028,585	60.8
15-16	0.000529	99,155	52	99,128	5,929,411	59.8
16-17	0.000676	99,102	67	99,069	5,830,283	58.8
17-18	0.000831	99,035	82	98,994	5,731,214	57.9
18-19	0.000991	98,953	98	98,904	5,632,220	56.9
19-20	0.001152	98,855	114	98,798	5,533,316	56.0
20-21	0.001320	98,741	130	98,676	5,434,518	55.0
21-22	0.001483	98,611	146	98,537	5,335,842	54.1
22-23	0.001620	98,464	159	98,385	5,237,305	53.2
23-24	0.001717	98,305	169	98,220	5,138,920	52.3
24-25	0.001785	98,136	175	98,048	5,040,700	51.4
25-26	0.001840	97,961	180	97,871	4,942,652	50.5
26-27	0.001899	97,781	186	97,688	4,844,781	49.5
27-28	0.001966	97,595	192	97,499	4,747,093	48.6
28-29	0.002050	97,403	200	97,303	4,649,594	47.7
29-30	0.002148	97,203	209	97,099	4,552,291	46.8
30-31	0.002251	96,994	218	96,885	4,455,192	45.9
31-32	0.002351	96,776	228	96,662	4,358,307	45.0
32-33	0.002448	96,549	236	96,430	4,261,644	44.1
33-34	0.002539	96,312	245	96,190	4,165,214	43.2
34-35	0.002627	96,068	252	95,942	4,069,024	42.4
35-36	0.002722	95,815	261	95,685	3,973,082	41.5
36-37	0.002827	95,555	270	95,419	3,877,397	40.6
37-38	0.002931	95,284	279	95,145	3,781,978	39.7
38-39	0.003033	95,005	288	94,861	3,686,833	38.8
39-40	0.003140	94,717	297	94,568	3,591,972	37.9
40-41	0.003264	94,420	308	94,265	3,497,404	37.0
41-42	0.003411	94,111	321	93,951	3,403,138	36.2
42-43	0.003580	93,790	336	93,622	3,309,188	35.3
43-44	0.003769	93,455	352	93,278	3,215,565	34.4
44-45	0.003983	93,102	371	92,917	3,122,287	33.5
45-46	0.004231	92,731	392	92,535	3,029,370	32.7
46-47	0.004515	92,339	417	92,131	2,936,834	31.8
47-48	0.004831	91,922	444	91,700	2,844,704	30.9
48-49	0.005181	91,478	474	91,241	2,753,003	30.1
49-50	0.005570	91,004	507	90,751	2,661,762	29.2
50-51	0.005985	90,497	542	90,226	2,571,012	28.4
51-52	0.006450	89,956	580	89,666	2,480,785	27.6
52-53	0.007004	89,375	626	89,062	2,391,119	26.8
53-54	0.007657	88,749	680	88,410	2,302,057	25.9
54-55	0.008381	88,070	738	87,701	2,213,647	25.1
55-56	0.009115	87,332	796	86,934	2,125,947	24.3
56-57	0.009859	86,536	853	86,109	2,039,013	23.6
57-58	0.010668	85,683	914	85,226	1,952,904	22.8
58-59	0.011568	84,768	981	84,278	1,867,678	22.0
59-60	0.012548	83,788	1,051	83,262	1,783,400	21.3

See footnote at end of table.

Table 2. Life table for males: United States, 2020—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/71-01/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.....	0.013599	82,736	1,125	82,174	1,700,138	20.5
61–62.....	0.014668	81,611	1,197	81,013	1,617,964	19.8
62–63.....	0.015723	80,414	1,264	79,782	1,536,951	19.1
63–64.....	0.016751	79,150	1,326	78,487	1,457,169	18.4
64–65.....	0.017793	77,824	1,385	77,132	1,378,682	17.7
65–66.....	0.018910	76,439	1,445	75,717	1,301,551	17.0
66–67.....	0.020241	74,994	1,518	74,235	1,225,834	16.3
67–68.....	0.021617	73,476	1,588	72,682	1,151,599	15.7
68–69.....	0.023122	71,888	1,662	71,057	1,078,917	15.0
69–70.....	0.024700	70,226	1,735	69,358	1,007,860	14.4
70–71.....	0.026327	68,491	1,803	67,589	938,502	13.7
71–72.....	0.028145	66,688	1,877	65,749	870,913	13.1
72–73.....	0.030318	64,811	1,965	63,828	805,163	12.4
73–74.....	0.032487	62,846	2,042	61,825	741,335	11.8
74–75.....	0.036455	60,804	2,217	59,696	679,510	11.2
75–76.....	0.039507	58,588	2,315	57,430	619,814	10.6
76–77.....	0.043893	56,273	2,470	55,038	562,384	10.0
77–78.....	0.048013	53,803	2,583	52,511	507,346	9.4
78–79.....	0.053409	51,220	2,736	49,852	454,835	8.9
79–80.....	0.058234	48,484	2,823	47,072	404,983	8.4
80–81.....	0.064014	45,661	2,923	44,199	357,910	7.8
81–82.....	0.070301	42,738	3,005	41,236	313,711	7.3
82–83.....	0.077280	39,733	3,071	38,198	272,475	6.9
83–84.....	0.086551	36,663	3,173	35,076	234,277	6.4
84–85.....	0.095951	33,490	3,213	31,883	199,201	5.9
85–86.....	0.107089	30,276	3,242	28,655	167,319	5.5
86–87.....	0.116675	27,034	3,154	25,457	138,663	5.1
87–88.....	0.130906	23,880	3,126	22,317	113,207	4.7
88–89.....	0.146410	20,754	3,039	19,234	90,890	4.4
89–90.....	0.163192	17,715	2,891	16,270	71,656	4.0
90–91.....	0.181227	14,824	2,687	13,481	55,386	3.7
91–92.....	0.200462	12,138	2,433	10,921	41,905	3.5
92–93.....	0.220810	9,705	2,143	8,633	30,984	3.2
93–94.....	0.242150	7,562	1,831	6,646	22,351	3.0
94–95.....	0.264330	5,731	1,515	4,973	15,705	2.7
95–96.....	0.287167	4,216	1,211	3,611	10,731	2.5
96–97.....	0.310455	3,005	933	2,539	7,121	2.4
97–98.....	0.333969	2,072	692	1,726	4,582	2.2
98–99.....	0.357477	1,380	493	1,133	2,856	2.1
99–100.....	0.380747	887	338	718	1,723	1.9
100 and over.....	1.000000	549	549	1,005	1,005	1.8

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table 3. Life table for females: United States, 2020Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/71-01/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	0.004918	100,000	492	99,572	7,988,224	79.9
1-2	0.000310	99,508	31	99,493	7,888,652	79.3
2-3	0.000199	99,477	20	99,467	7,789,159	78.3
3-4	0.000161	99,457	16	99,449	7,689,692	77.3
4-5	0.000123	99,441	12	99,435	7,590,242	76.3
5-6	0.000115	99,429	11	99,423	7,490,807	75.3
6-7	0.000103	99,418	10	99,413	7,391,384	74.3
7-8	0.000094	99,408	9	99,403	7,291,971	73.4
8-9	0.000089	99,398	9	99,394	7,192,568	72.4
9-10	0.000087	99,389	9	99,385	7,093,174	71.4
10-11	0.000089	99,381	9	99,376	6,993,789	70.4
11-12	0.000098	99,372	10	99,367	6,894,413	69.4
12-13	0.000117	99,362	12	99,356	6,795,046	68.4
13-14	0.000147	99,350	15	99,343	6,695,690	67.4
14-15	0.000185	99,336	18	99,327	6,596,347	66.4
15-16	0.000230	99,317	23	99,306	6,497,020	65.4
16-17	0.000276	99,295	27	99,281	6,397,714	64.4
17-18	0.000324	99,267	32	99,251	6,298,434	63.4
18-19	0.000371	99,235	37	99,217	6,199,183	62.5
19-20	0.000418	99,198	41	99,177	6,099,966	61.5
20-21	0.000468	99,157	46	99,134	6,000,789	60.5
21-22	0.000519	99,110	51	99,085	5,901,655	59.5
22-23	0.000570	99,059	56	99,031	5,802,570	58.6
23-24	0.000617	99,002	61	98,972	5,703,540	57.6
24-25	0.000662	98,941	65	98,909	5,604,568	56.6
25-26	0.000705	98,876	70	98,841	5,505,659	55.7
26-27	0.000750	98,806	74	98,769	5,406,819	54.7
27-28	0.000798	98,732	79	98,693	5,308,050	53.8
28-29	0.000853	98,653	84	98,611	5,209,357	52.8
29-30	0.000914	98,569	90	98,524	5,110,746	51.8
30-31	0.000978	98,479	96	98,431	5,012,222	50.9
31-32	0.001044	98,383	103	98,331	4,913,791	49.9
32-33	0.001111	98,280	109	98,225	4,815,460	49.0
33-34	0.001176	98,171	115	98,113	4,717,234	48.1
34-35	0.001243	98,055	122	97,994	4,619,121	47.1
35-36	0.001315	97,933	129	97,869	4,521,127	46.2
36-37	0.001393	97,805	136	97,737	4,423,258	45.2
37-38	0.001471	97,668	144	97,597	4,325,521	44.3
38-39	0.001548	97,525	151	97,449	4,227,925	43.4
39-40	0.001629	97,374	159	97,294	4,130,476	42.4
40-41	0.001720	97,215	167	97,132	4,033,181	41.5
41-42	0.001826	97,048	177	96,959	3,936,050	40.6
42-43	0.001946	96,871	188	96,776	3,839,090	39.6
43-44	0.002079	96,682	201	96,582	3,742,314	38.7
44-45	0.002226	96,481	215	96,374	3,645,732	37.8
45-46	0.002393	96,266	230	96,151	3,549,358	36.9
46-47	0.002579	96,036	248	95,912	3,453,207	36.0
47-48	0.002780	95,788	266	95,655	3,357,295	35.0
48-49	0.002996	95,522	286	95,379	3,261,639	34.1
49-50	0.003231	95,236	308	95,082	3,166,260	33.2
50-51	0.003484	94,928	331	94,763	3,071,178	32.4
51-52	0.003768	94,598	356	94,419	2,976,415	31.5
52-53	0.004097	94,241	386	94,048	2,881,996	30.6
53-54	0.004475	93,855	420	93,645	2,787,948	29.7
54-55	0.004885	93,435	456	93,207	2,694,303	28.8
55-56	0.005300	92,979	493	92,732	2,601,096	28.0
56-57	0.005725	92,486	529	92,221	2,508,364	27.1
57-58	0.006192	91,956	569	91,672	2,416,143	26.3
58-59	0.006717	91,387	614	91,080	2,324,471	25.4
59-60	0.007296	90,773	662	90,442	2,233,392	24.6

See footnote at end of table.

Table 3. Life table for females: United States, 2020—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/71-01/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.....	0.007928	90,111	714	89,754	2,142,950	23.8
61–62.....	0.008578	89,396	767	89,013	2,053,196	23.0
62–63.....	0.009217	88,630	817	88,221	1,964,183	22.2
63–64.....	0.009834	87,813	864	87,381	1,875,962	21.4
64–65.....	0.010462	86,949	910	86,494	1,788,581	20.6
65–66.....	0.011129	86,039	958	85,561	1,702,087	19.8
66–67.....	0.011932	85,082	1,015	84,574	1,616,526	19.0
67–68.....	0.012871	84,067	1,082	83,526	1,531,952	18.2
68–69.....	0.014000	82,985	1,162	82,404	1,448,426	17.5
69–70.....	0.015265	81,823	1,249	81,198	1,366,023	16.7
70–71.....	0.016693	80,574	1,345	79,901	1,284,824	15.9
71–72.....	0.018272	79,229	1,448	78,505	1,204,923	15.2
72–73.....	0.020046	77,781	1,559	77,002	1,126,418	14.5
73–74.....	0.021730	76,222	1,656	75,394	1,049,416	13.8
74–75.....	0.024519	74,566	1,828	73,652	974,022	13.1
75–76.....	0.026862	72,737	1,954	71,761	900,371	12.4
76–77.....	0.029942	70,784	2,119	69,724	828,610	11.7
77–78.....	0.033037	68,664	2,268	67,530	758,886	11.1
78–79.....	0.037086	66,396	2,462	65,165	691,356	10.4
79–80.....	0.041213	63,933	2,635	62,616	626,192	9.8
80–81.....	0.045945	61,298	2,816	59,890	563,576	9.2
81–82.....	0.051104	58,482	2,989	56,988	503,686	8.6
82–83.....	0.057111	55,493	3,169	53,909	446,698	8.0
83–84.....	0.064163	52,324	3,357	50,645	392,789	7.5
84–85.....	0.072353	48,967	3,543	47,195	342,144	7.0
85–86.....	0.081451	45,424	3,700	43,574	294,948	6.5
86–87.....	0.090029	41,724	3,756	39,846	251,374	6.0
87–88.....	0.101896	37,968	3,869	36,033	211,528	5.6
88–89.....	0.115015	34,099	3,922	32,138	175,495	5.1
89–90.....	0.129437	30,177	3,906	28,224	143,357	4.8
90–91.....	0.145190	26,271	3,814	24,364	115,133	4.4
91–92.....	0.162282	22,457	3,644	20,635	90,769	4.0
92–93.....	0.180688	18,812	3,399	17,113	70,134	3.7
93–94.....	0.200353	15,413	3,088	13,869	53,021	3.4
94–95.....	0.221184	12,325	2,726	10,962	39,152	3.2
95–96.....	0.243052	9,599	2,333	8,433	28,190	2.9
96–97.....	0.265792	7,266	1,931	6,300	19,758	2.7
97–98.....	0.289207	5,335	1,543	4,563	13,457	2.5
98–99.....	0.313074	3,792	1,187	3,198	8,894	2.3
99–100.....	0.337151	2,605	878	2,166	5,696	2.2
100 and over.....	1.000000	1,727	1,727	3,530	3,530	2.0

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.