Table 17. Life table for non-Hispanic White males: United States, 2019

Spreadsheet version available from: *https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/70-19/Table17.xlsx.*

Age (years)	Probability of dying between ages x and $x+1$ q_x	Number surviving to age x l_x	Number dying between ages x and $x+1$ d_x	Person-years lived between ages x and $x+1$ L_x	Total number of person-years lived above age x T_x	Expectation of life at age x e_x
0–1.........................	0.004937	100,000	494	99,571	7,633,110	76.3
1–2.........................	0.000414	99,506	41	99,486	7,533,539	75.7
2–3.........................	0.000247	99,465	25	99,453	7,434,053	74.7
3–4.........................	0.000198	99,441	20	99,431	7,334,601	73.8
4–5.........................	0.000154	99,421	15	99,413	7,235,170	72.8
5–6.........................	0.000144	99,406	14	99,398	7,135,757	71.8
6–7.........................	0.000128	99,391	13	99,385	7,036,358	70.8
7–8.........................	0.000117	99,378	12	99,373	6,936,974	69.8
8–9.........................	0.000110	99,367	11	99,361	6,837,601	68.8
9–10........................	0.000109	99,356	11	99,351	6,738,239	67.8
10–11.......................	0.000115	99,345	11	99,339	6,638,889	66.8
11–12.......................	0.000134	99,334	13	99,327	6,539,550	65.8
12–13.......................	0.000170	99,320	17	99,312	6,440,223	64.8
13–14.......................	0.000225	99,303	22	99,292	6,340,911	63.9
14–15.......................	0.000296	99,281	29	99,266	6,241,618	62.9
15–16.......................	0.000374	99,252	37	99,233	6,142,352	61.9
16–17.......................	0.000457	99,215	45	99,192	6,043,119	60.9
17–18.......................	0.000557	99,169	55	99,142	5,943,927	59.9
18–19.......................	0.000677	99,114	67	99,080	5,844,785	59.0
19–20.......................	0.000810	99,047	80	99,007	5,745,705	58.0
20–21.......................	0.000950	98,967	94	98,920	5,646,698	57.1
21–22.......................	0.001087	98,873	108	98,819	5,547,779	56.1
22–23.......................	0.001211	98,765	120	98,705	5,448,960	55.2
23–24.......................	0.001312	98,646	129	98,581	5,350,255	54.2
24–25.......................	0.001394	98,516	137	98,447	5,251,674	53.3
25–26.......................	0.001470	98,379	145	98,306	5,153,226	52.4
26–27.......................	0.001546	98,234	152	98,158	5,054,920	51.5
27–28.......................	0.001620	98,082	159	98,003	4,956,762	50.5
28–29.......................	0.001694	97,923	166	97,840	4,858,759	49.6
29–30.......................	0.001771	97,757	173	97,671	4,760,919	48.7
30–31.......................	0.001849	97,584	180	97,494	4,663,248	47.8
31–32.......................	0.001928	97,404	188	97,310	4,565,754	46.9
32–33.......................	0.002010	97,216	195	97,118	4,468,444	46.0
33–34.......................	0.002094	97,021	203	96,919	4,371,325	45.1
34–35.......................	0.002180	96,818	211	96,712	4,274,406	44.1
35–36.......................	0.002274	96,607	220	96,497	4,177,694	43.2
36–37.......................	0.002372	96,387	229	96,273	4,081,197	42.3
37–38.......................	0.002459	96,158	236	96,040	3,984,925	41.4
38–39.......................	0.002532	95,922	243	95,800	3,888,885	40.5
39–40.......................	0.002602	95,679	249	95,554	3,793,084	39.6
40–41.......................	0.002689	95,430	257	95,302	3,697,530	38.7
41–42.......................	0.002803	95,173	267	95,040	3,602,228	37.8
42–43.......................	0.002938	94,907	279	94,767	3,507,188	37.0
43–44.......................	0.003091	94,628	293	94,481	3,412,421	36.1
44–45.......................	0.003263	94,335	308	94,181	3,317,940	35.2
45–46.......................	0.003461	94,027	325	93,865	3,223,758	34.3
46–47.......................	0.003690	93,702	346	93,529	3,129,894	33.4
47–48.......................	0.003948	93,356	369	93,172	3,036,365	32.5
48–49.......................	0.004243	92,987	395	92,790	2,943,193	31.7
49–50.......................	0.004584	92,593	424	92,381	2,850,403	30.8
50–51.......................	0.004950	92,168	456	91,940	2,758,022	29.9
51–52.......................	0.005365	91,712	492	91,466	2,666,082	29.1
52–53.......................	0.005871	91,220	536	90,952	2,574,616	28.2
53–54.......................	0.006466	90,685	586	90,391	2,483,663	27.4
54–55.......................	0.007110	90,098	641	89,778	2,393,272	26.6
55–56.......................	0.007745	89,458	693	89,111	2,303,494	25.7
56–57.......................	0.008371	88,765	743	88,393	2,214,383	24.9
57–58.......................	0.009031	88,022	795	87,624	2,125,989	24.2
58–59.......................	0.009754	87,227	851	86,801	2,038,365	23.4
59–60.......................	0.010542	86,376	911	85,921	1,951,564	22.6

See footnotes at end of table.

Table 17. Life table for non-Hispanic White males: United States, 2019—Con.

Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/70-19/Table17.xlsx.

Age (years)	Probability of dying between ages x and $x+1$ q_x	Number surviving to age x l_x	Number dying between ages x and $x+1$ d_x	Person-years lived between ages x and $x+1$ L_x	Total number of person-years lived above age x T_x	Expectation of life at age x e_x
60–61..............................	0.011394	85,465	974	84,979	1,865,643	21.8
61–62..............................	0.012266	84,492	1,036	83,973	1,780,664	21.1
62–63..............................	0.013132	83,455	1,096	82,907	1,696,691	20.3
63–64..............................	0.013973	82,359	1,151	81,784	1,613,784	19.6
64–65..............................	0.014824	81,209	1,204	80,607	1,532,000	18.9
65–66..............................	0.015735	80,005	1,259	79,375	1,451,393	18.1
66–67..............................	0.016846	78,746	1,327	78,083	1,372,018	17.4
67–68..............................	0.018030	77,419	1,396	76,721	1,293,935	16.7
68–69..............................	0.019311	76,023	1,468	75,289	1,217,214	16.0
69–70..............................	0.020711	74,555	1,544	73,783	1,141,924	15.3
70–71..............................	0.022168	73,011	1,619	72,202	1,068,141	14.6
71–72..............................	0.023889	71,393	1,706	70,540	995,939	14.0
72–73..............................	0.025532	69,687	1,779	68,798	925,399	13.3
73–74..............................	0.028360	67,908	1,926	66,945	856,601	12.6
74–75..............................	0.030835	65,982	2,035	64,965	789,656	12.0
75–76..............................	0.034133	63,948	2,183	62,856	724,692	11.3
76–77..............................	0.037419	61,765	2,311	60,609	661,835	10.7
77–78..............................	0.041663	59,454	2,477	58,215	601,226	10.1
78–79..............................	0.045916	56,977	2,616	55,669	543,011	9.5
79–80..............................	0.050626	54,360	2,752	52,984	487,342	9.0
80–81..............................	0.055804	51,608	2,880	50,168	434,358	8.4
81–82..............................	0.061687	48,728	3,006	47,226	384,189	7.9
82–83..............................	0.068546	45,723	3,134	44,156	336,964	7.4
83–84..............................	0.076188	42,589	3,245	40,966	292,808	6.9
84–85..............................	0.085176	39,344	3,351	37,668	251,842	6.4
85–86..............................	0.095441	35,993	3,435	34,275	214,174	6.0
86–87..............................	0.104849	32,557	3,414	30,851	179,899	5.5
87–88..............................	0.117772	29,144	3,432	27,428	149,048	5.1
88–89..............................	0.131915	25,711	3,392	24,016	121,621	4.7
89–90..............................	0.147299	22,320	3,288	20,676	97,605	4.4
90–91..............................	0.163928	19,032	3,120	17,472	76,929	4.0
91–92..............................	0.181777	15,912	2,892	14,466	59,457	3.7
92–93..............................	0.200793	13,020	2,614	11,713	44,991	3.5
93–94..............................	0.220893	10,405	2,298	9,256	33,278	3.2
94–95..............................	0.241959	8,107	1,962	7,126	24,022	3.0
95–96..............................	0.263845	6,145	1,621	5,335	16,896	2.7
96–97..............................	0.286376	4,524	1,296	3,876	11,561	2.6
97–98..............................	0.309354	3,228	999	2,729	7,685	2.4
98–99..............................	0.332563	2,230	742	1,859	4,956	2.2
99–100..............................	0.355779	1,488	529	1,223	3,097	2.1
100 and over	1.000000	959	959	1,874	1,874	2.0

NOTE: This life table is based on death rates that have been adjusted for race and Hispanic-origin misclassification on death certificates; see Technical Notes in this report.

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

Table 18. Life table for non-Hispanic White females: United States, 2019

Spreadsheet version available from: *https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/70-19/Table18.xlsx.*

Age (years)	Probability of dying between ages x and $x+1$ q_x	Number surviving to age x l_x	Number dying between ages x and $x+1$ d_x	Person-years lived between ages x and $x+1$ L_x	Total number of person-years lived above age x T_x	Expectation of life at age x e_x
0–1.	0.003997	100,000	400	99,646	8,126,117	81.3
1–2.	0.000264	99,600	26	99,587	8,026,471	80.6
2–3.	0.000156	99,574	16	99,566	7,926,884	79.6
3–4.	0.000119	99,558	12	99,553	7,827,318	78.6
4–5.	0.000110	99,547	11	99,541	7,727,765	77.6
5–6.	0.000092	99,536	9	99,531	7,628,224	76.6
6–7.	0.000083	99,526	8	99,522	7,528,693	75.6
7–8.	0.000077	99,518	8	99,514	7,429,171	74.7
8–9.	0.000074	99,511	7	99,507	7,329,656	73.7
9–10.	0.000074	99,503	7	99,500	7,230,150	72.7
10–11.	0.000077	99,496	8	99,492	7,130,650	71.7
11–12.	0.000086	99,488	9	99,484	7,031,158	70.7
12–13.	0.000104	99,480	10	99,474	6,931,674	69.7
13–14.	0.000131	99,469	13	99,463	6,832,200	68.7
14–15.	0.000166	99,456	16	99,448	6,732,737	67.7
15–16.	0.000205	99,440	20	99,430	6,633,289	66.7
16–17.	0.000245	99,419	24	99,407	6,533,859	65.7
17–18.	0.000284	99,395	28	99,381	6,434,452	64.7
18–19.	0.000321	99,367	32	99,351	6,335,071	63.8
19–20.	0.000356	99,335	35	99,317	6,235,720	62.8
20–21.	0.000394	99,300	39	99,280	6,136,403	61.8
21–22.	0.000435	99,260	43	99,239	6,037,123	60.8
22–23.	0.000478	99,217	47	99,194	5,937,884	59.8
23–24.	0.000523	99,170	52	99,144	5,838,691	58.9
24–25.	0.000568	99,118	56	99,090	5,739,547	57.9
25–26.	0.000613	99,062	61	99,031	5,640,457	56.9
26–27.	0.000658	99,001	65	98,969	5,541,426	56.0
27–28.	0.000706	98,936	70	98,901	5,442,457	55.0
28–29.	0.000761	98,866	75	98,828	5,343,556	54.0
29–30.	0.000822	98,791	81	98,750	5,244,728	53.1
30–31.	0.000887	98,710	88	98,666	5,145,977	52.1
31–32.	0.000952	98,622	94	98,575	5,047,312	51.2
32–33.	0.001017	98,528	100	98,478	4,948,737	50.2
33–34.	0.001080	98,428	106	98,375	4,850,259	49.3
34–35.	0.001141	98,322	112	98,265	4,751,884	48.3
35–36.	0.001208	98,209	119	98,150	4,653,619	47.4
36–37.	0.001279	98,091	125	98,028	4,555,469	46.4
37–38.	0.001341	97,965	131	97,900	4,457,441	45.5
38–39.	0.001392	97,834	136	97,766	4,359,541	44.6
39–40.	0.001440	97,698	141	97,627	4,261,775	43.6
40–41.	0.001497	97,557	146	97,484	4,164,148	42.7
41–42.	0.001574	97,411	153	97,334	4,066,664	41.7
42–43.	0.001675	97,258	163	97,176	3,969,329	40.8
43–44.	0.001801	97,095	175	97,007	3,872,153	39.9
44–45.	0.001947	96,920	189	96,826	3,775,146	39.0
45–46.	0.002111	96,731	204	96,629	3,678,320	38.0
46–47.	0.002288	96,527	221	96,417	3,581,691	37.1
47–48.	0.002470	96,306	238	96,187	3,485,274	36.2
48–49.	0.002657	96,068	255	95,941	3,389,087	35.3
49–50.	0.002861	95,813	274	95,676	3,293,146	34.4
50–51.	0.003078	95,539	294	95,392	3,197,470	33.5
51–52.	0.003327	95,245	317	95,086	3,102,078	32.6
52–53.	0.003631	94,928	345	94,756	3,006,992	31.7
53–54.	0.003989	94,583	377	94,395	2,912,236	30.8
54–55.	0.004376	94,206	412	94,000	2,817,841	29.9
55–56.	0.004756	93,794	446	93,571	2,723,841	29.0
56–57.	0.005131	93,348	479	93,108	2,630,271	28.2
57–58.	0.005526	92,869	513	92,612	2,537,163	27.3
58–59.	0.005959	92,355	550	92,080	2,444,550	26.5
59–60.	0.006431	91,805	590	91,510	2,352,470	25.6

See footnotes at end of table.

Table 18. Life table for non-Hispanic White females: United States, 2019—Con.

Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/70-19/Table18.xlsx.

Age (years)	Probability of dying between ages x and $x+1$ q_x	Number surviving to age x l_x	Number dying between ages x and $x+1$ d_x	Person-years lived between ages x and $x+1$ L_x	Total number of person-years lived above age x T_x	Expectation of life at age x e_x
60–61.	0.006958	91,215	635	90,897	2,260,960	24.8
61–62.	0.007503	90,580	680	90,240	2,170,063	24.0
62–63.	0.008028	89,900	722	89,540	2,079,822	23.1
63–64.	0.008515	89,179	759	88,799	1,990,283	22.3
64–65.	0.009000	88,419	796	88,022	1,901,484	21.5
65–66.	0.009509	87,624	833	87,207	1,813,462	20.7
66–67.	0.010155	86,790	881	86,350	1,726,255	19.9
67–68.	0.010955	85,909	941	85,439	1,639,905	19.1
68–69.	0.011998	84,968	1,019	84,458	1,554,467	18.3
69–70.	0.013235	83,949	1,111	83,393	1,470,009	17.5
70–71.	0.014612	82,837	1,210	82,232	1,386,616	16.7
71–72.	0.016161	81,627	1,319	80,967	1,304,383	16.0
72–73.	0.017615	80,308	1,415	79,600	1,223,416	15.2
73–74.	0.019745	78,893	1,558	78,114	1,143,816	14.5
74–75.	0.021549	77,335	1,667	76,502	1,065,701	13.8
75–76.	0.023981	75,669	1,815	74,762	989,199	13.1
76–77.	0.026395	73,854	1,949	72,880	914,438	12.4
77–78.	0.029588	71,905	2,128	70,841	841,558	11.7
78–79.	0.032907	69,777	2,296	68,629	770,717	11.0
79–80.	0.036769	67,481	2,481	66,241	702,088	10.4
80–81.	0.040821	65,000	2,653	63,673	635,847	9.8
81–82.	0.045462	62,347	2,834	60,929	572,174	9.2
82–83.	0.051481	59,512	3,064	57,980	511,244	8.6
83–84.	0.058132	56,448	3,281	54,808	453,264	8.0
84–85.	0.064535	53,167	3,431	51,451	398,456	7.5
85–86.	0.073060	49,736	3,634	47,919	347,005	7.0
86–87.	0.081385	46,102	3,752	44,226	299,086	6.5
87–88.	0.091872	42,350	3,891	40,405	254,860	6.0
88–89.	0.103470	38,459	3,979	36,470	214,455	5.6
89–90.	0.116237	34,480	4,008	32,476	177,986	5.2
90–91.	0.130215	30,472	3,968	28,488	145,510	4.8
91–92.	0.145429	26,504	3,854	24,577	117,022	4.4
92–93.	0.161885	22,650	3,667	20,816	92,445	4.1
93–94.	0.179561	18,983	3,409	17,279	71,628	3.8
94–95.	0.198409	15,574	3,090	14,029	54,350	3.5
95–96.	0.218348	12,484	2,726	11,121	40,320	3.2
96–97.	0.239267	9,758	2,335	8,591	29,199	3.0
97–98.	0.261023	7,424	1,938	6,455	20,608	2.8
98–99.	0.283446	5,486	1,555	4,708	14,153	2.6
99–100.	0.306341	3,931	1,204	3,329	9,445	2.4
100 and over	1.000000	2,727	2,727	6,116	6,116	2.2

NOTE: This life table is based on death rates that have been adjusted for race and Hispanic-origin misclassification on death certificates; see Technical Notes in this report.

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