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**United States Life Tables, 2021.** National Vital Statistics Report Volume 72, Number 12. 64pp.  
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Table 17. Life table for White, non-Hispanic males: United States, 2021

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	0.004675	100,000	468	99,589	7,400,310	74.0
1-2	0.000401	99,532	40	99,513	7,300,721	73.4
2-3	0.000273	99,493	27	99,479	7,201,209	72.4
3-4	0.000228	99,466	23	99,454	7,101,730	71.4
4-5	0.000166	99,443	17	99,435	7,002,276	70.4
5-6	0.000156	99,426	15	99,419	6,902,841	69.4
6-7	0.000140	99,411	14	99,404	6,803,422	68.4
7-8	0.000127	99,397	13	99,391	6,704,019	67.4
8-9	0.000114	99,384	11	99,379	6,604,628	66.5
9-10	0.000102	99,373	10	99,368	6,505,249	65.5
10-11	0.000098	99,363	10	99,358	6,405,882	64.5
11-12	0.000112	99,353	11	99,348	6,306,524	63.5
12-13	0.000154	99,342	15	99,334	6,207,176	62.5
13-14	0.000232	99,327	23	99,315	6,107,842	61.5
14-15	0.000337	99,304	33	99,287	6,008,526	60.5
15-16	0.000454	99,270	45	99,248	5,909,240	59.5
16-17	0.000575	99,225	57	99,197	5,809,992	58.6
17-18	0.000700	99,168	69	99,133	5,710,795	57.6
18-19	0.000829	99,099	82	99,058	5,611,662	56.6
19-20	0.000962	99,016	95	98,969	5,512,605	55.7
20-21	0.001102	98,921	109	98,867	5,413,636	54.7
21-22	0.001248	98,812	123	98,750	5,314,769	53.8
22-23	0.001390	98,689	137	98,620	5,216,019	52.9
23-24	0.001522	98,552	150	98,477	5,117,399	51.9
24-25	0.001648	98,402	162	98,321	5,018,922	51.0
25-26	0.001770	98,239	174	98,152	4,920,601	50.1
26-27	0.001894	98,066	186	97,973	4,822,449	49.2
27-28	0.002025	97,880	198	97,781	4,724,476	48.3
28-29	0.002163	97,682	211	97,576	4,626,696	47.4
29-30	0.002305	97,470	225	97,358	4,529,120	46.5
30-31	0.002447	97,246	238	97,127	4,431,762	45.6
31-32	0.002584	97,008	251	96,882	4,334,635	44.7
32-33	0.002708	96,757	262	96,626	4,237,753	43.8
33-34	0.002818	96,495	272	96,359	4,141,126	42.9
34-35	0.002921	96,223	281	96,083	4,044,767	42.0
35-36	0.003027	95,942	290	95,797	3,948,685	41.2
36-37	0.003140	95,652	300	95,501	3,852,888	40.3
37-38	0.003259	95,351	311	95,196	3,757,386	39.4
38-39	0.003385	95,041	322	94,880	3,662,190	38.5
39-40	0.003522	94,719	334	94,552	3,567,311	37.7

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 $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
40-41	0.003683	94,385	348	94,211	3,472,759	36.8
41-42	0.003861	94,038	363	93,856	3,378,547	35.9
42-43	0.004042	93,675	379	93,485	3,284,691	35.1
43-44	0.004221	93,296	394	93,099	3,191,206	34.2
44-45	0.004414	92,902	410	92,697	3,098,107	33.3
45-46	0.004647	92,492	430	92,277	3,005,410	32.5
46-47	0.004936	92,062	454	91,835	2,913,133	31.6
47-48	0.005276	91,608	483	91,366	2,821,298	30.8
48-49	0.005654	91,124	515	90,867	2,729,931	30.0
49-50	0.006057	90,609	549	90,335	2,639,065	29.1
50-51	0.006467	90,060	582	89,769	2,548,730	28.3
51-52	0.006912	89,478	618	89,169	2,458,960	27.5
52-53	0.007429	88,860	660	88,530	2,369,792	26.7
53-54	0.008045	88,199	710	87,845	2,281,262	25.9
54-55	0.008748	87,490	765	87,107	2,193,417	25.1
55-56	0.009472	86,725	821	86,314	2,106,310	24.3
56-57	0.010213	85,903	877	85,464	2,019,996	23.5
57-58	0.011033	85,026	938	84,557	1,934,532	22.8
58-59	0.011935	84,088	1,004	83,586	1,849,975	22.0
59-60	0.012891	83,084	1,071	82,549	1,766,389	21.3
60-61	0.013890	82,013	1,139	81,444	1,683,840	20.5
61-62	0.014889	80,874	1,204	80,272	1,602,397	19.8
62-63	0.015853	79,670	1,263	79,038	1,522,125	19.1
63-64	0.016788	78,407	1,316	77,749	1,443,087	18.4
64-65	0.017746	77,091	1,368	76,406	1,365,338	17.7
65-66	0.018771	75,722	1,421	75,012	1,288,932	17.0
66-67	0.020074	74,301	1,492	73,555	1,213,920	16.3
67-68	0.021440	72,810	1,561	72,029	1,140,364	15.7
68-69	0.022987	71,249	1,638	70,430	1,068,335	15.0
69-70	0.024626	69,611	1,714	68,754	997,906	14.3
70-71	0.026262	67,896	1,783	67,005	929,152	13.7
71-72	0.028129	66,113	1,860	65,184	862,147	13.0
72-73	0.030344	64,254	1,950	63,279	796,964	12.4
73-74	0.033075	62,304	2,061	61,274	733,685	11.8
74-75	0.035690	60,243	2,150	59,168	672,411	11.2
75-76	0.040445	58,093	2,350	56,918	613,243	10.6
76-77	0.044157	55,744	2,461	54,513	556,325	10.0
77-78	0.049028	53,282	2,612	51,976	501,812	9.4
78-79	0.053414	50,670	2,706	49,317	449,836	8.9
79-80	0.059387	47,963	2,848	46,539	400,520	8.4
80-81	0.064619	45,115	2,915	43,657	353,980	7.8

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 $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
81–82	0.071103	42,200	3,001	40,699	310,323	7.4
82–83	0.078135	39,199	3,063	37,668	269,624	6.9
83–84	0.086198	36,136	3,115	34,579	231,956	6.4
84–85	0.096029	33,021	3,171	31,436	197,377	6.0
85–86	0.104962	29,850	3,133	28,284	165,941	5.6
86–87	0.117575	26,717	3,141	25,147	137,658	5.2
87–88	0.131350	23,576	3,097	22,028	112,511	4.8
88–89	0.146308	20,479	2,996	18,981	90,483	4.4
89–90	0.162453	17,483	2,840	16,063	71,502	4.1
90–91	0.179764	14,643	2,632	13,327	55,439	3.8
91–92	0.198194	12,011	2,380	10,820	42,113	3.5
92–93	0.217669	9,630	2,096	8,582	31,292	3.2
93–94	0.238086	7,534	1,794	6,637	22,710	3.0
94–95	0.259311	5,740	1,489	4,996	16,073	2.8
95–96	0.281187	4,252	1,196	3,654	11,077	2.6
96–97	0.303534	3,056	928	2,592	7,423	2.4
97–98	0.326154	2,129	694	1,781	4,831	2.3
98–99	0.348840	1,434	500	1,184	3,050	2.1
99–100	0.371383	934	347	761	1,865	2.0
100 and older	1.000000	587	587	1,105	1,105	1.9

death certificates. Updated classification ratios were applied; see Technical Notes in this report.

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

Table 18. Life table for White, non-Hispanic females: United States, 2021

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	0.004060	100,000	406	99,642	7,945,833	79.5
1-2	0.000295	99,594	29	99,579	7,846,191	78.8
2-3	0.000172	99,565	17	99,556	7,746,612	77.8
3-4	0.000117	99,547	12	99,542	7,647,056	76.8
4-5	0.000095	99,536	9	99,531	7,547,514	75.8
5-6	0.000092	99,526	9	99,522	7,447,983	74.8
6-7	0.000084	99,517	8	99,513	7,348,462	73.8
7-8	0.000078	99,509	8	99,505	7,248,949	72.8
8-9	0.000073	99,501	7	99,497	7,149,444	71.9
9-10	0.000069	99,494	7	99,490	7,049,946	70.9
10-11	0.000069	99,487	7	99,483	6,950,456	69.9
11-12	0.000077	99,480	8	99,476	6,850,972	68.9
12-13	0.000096	99,472	10	99,468	6,751,496	67.9
13-14	0.000129	99,463	13	99,456	6,652,029	66.9
14-15	0.000174	99,450	17	99,441	6,552,572	65.9
15-16	0.000224	99,433	22	99,422	6,453,131	64.9
16-17	0.000275	99,410	27	99,397	6,353,709	63.9
17-18	0.000324	99,383	32	99,367	6,254,313	62.9
18-19	0.000370	99,351	37	99,333	6,154,946	62.0
19-20	0.000414	99,314	41	99,294	6,055,613	61.0
20-21	0.000462	99,273	46	99,250	5,956,320	60.0
21-22	0.000514	99,227	51	99,202	5,857,069	59.0
22-23	0.000567	99,176	56	99,148	5,757,868	58.1
23-24	0.000619	99,120	61	99,089	5,658,720	57.1
24-25	0.000672	99,059	67	99,025	5,559,631	56.1
25-26	0.000724	98,992	72	98,956	5,460,605	55.2
26-27	0.000782	98,920	77	98,882	5,361,649	54.2
27-28	0.000850	98,843	84	98,801	5,262,768	53.2
28-29	0.000931	98,759	92	98,713	5,163,967	52.3
29-30	0.001020	98,667	101	98,617	5,065,254	51.3
30-31	0.001111	98,566	110	98,512	4,966,637	50.4
31-32	0.001201	98,457	118	98,398	4,868,125	49.4
32-33	0.001289	98,339	127	98,275	4,769,728	48.5
33-34	0.001376	98,212	135	98,144	4,671,452	47.6
34-35	0.001463	98,077	144	98,005	4,573,308	46.6
35-36	0.001557	97,933	152	97,857	4,475,303	45.7
36-37	0.001657	97,781	162	97,700	4,377,446	44.8
37-38	0.001759	97,619	172	97,533	4,279,746	43.8
38-39	0.001863	97,447	182	97,356	4,182,213	42.9
39-40	0.001971	97,265	192	97,170	4,084,857	42.0

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 $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
40-41	0.002093	97,074	203	96,972	3,987,688	41.1
41-42	0.002228	96,871	216	96,763	3,890,716	40.2
42-43	0.002366	96,655	229	96,540	3,793,953	39.3
43-44	0.002504	96,426	241	96,305	3,697,413	38.3
44-45	0.002652	96,185	255	96,057	3,601,107	37.4
45-46	0.002827	95,929	271	95,794	3,505,050	36.5
46-47	0.003034	95,658	290	95,513	3,409,256	35.6
47-48	0.003261	95,368	311	95,213	3,313,743	34.7
48-49	0.003495	95,057	332	94,891	3,218,531	33.9
49-50	0.003734	94,725	354	94,548	3,123,640	33.0
50-51	0.003980	94,371	376	94,183	3,029,092	32.1
51-52	0.004251	93,996	400	93,796	2,934,908	31.2
52-53	0.004565	93,596	427	93,382	2,841,113	30.4
53-54	0.004934	93,169	460	92,939	2,747,730	29.5
54-55	0.005352	92,709	496	92,461	2,654,791	28.6
55-56	0.005779	92,213	533	91,946	2,562,331	27.8
56-57	0.006220	91,680	570	91,395	2,470,384	26.9
57-58	0.006721	91,110	612	90,803	2,378,989	26.1
58-59	0.007291	90,497	660	90,167	2,288,186	25.3
59-60	0.007906	89,837	710	89,482	2,198,019	24.5
60-61	0.008568	89,127	764	88,745	2,108,536	23.7
61-62	0.009233	88,364	816	87,956	2,019,791	22.9
62-63	0.009861	87,548	863	87,116	1,931,835	22.1
63-64	0.010445	86,684	905	86,232	1,844,719	21.3
64-65	0.011033	85,779	946	85,306	1,758,488	20.5
65-66	0.011654	84,833	989	84,338	1,673,182	19.7
66-67	0.012446	83,844	1,043	83,322	1,588,844	19.0
67-68	0.013373	82,800	1,107	82,247	1,505,522	18.2
68-69	0.014496	81,693	1,184	81,101	1,423,275	17.4
69-70	0.015818	80,509	1,273	79,872	1,342,174	16.7
70-71	0.017156	79,235	1,359	78,556	1,262,302	15.9
71-72	0.018683	77,876	1,455	77,149	1,183,747	15.2
72-73	0.020390	76,421	1,558	75,642	1,106,598	14.5
73-74	0.022486	74,863	1,683	74,021	1,030,956	13.8
74-75	0.024578	73,179	1,799	72,280	956,935	13.1
75-76	0.028072	71,381	2,004	70,379	884,655	12.4
76-77	0.031177	69,377	2,163	68,296	814,276	11.7
77-78	0.034821	67,214	2,340	66,044	745,980	11.1
78-79	0.038238	64,874	2,481	63,633	679,937	10.5
79-80	0.042388	62,393	2,645	61,071	616,303	9.9
80-81	0.046834	59,748	2,798	58,349	555,233	9.3

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	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
81–82	0.051479	56,950	2,932	55,484	496,884	8.7
82–83	0.057258	54,018	3,093	52,472	441,399	8.2
83–84	0.063707	50,925	3,244	49,303	388,928	7.6
84–85	0.071541	47,681	3,411	45,975	339,625	7.1
85–86	0.080280	44,270	3,554	42,493	293,649	6.6
86–87	0.088925	40,716	3,621	38,906	251,156	6.2
87–88	0.100054	37,095	3,712	35,239	212,251	5.7
88–89	0.112305	33,384	3,749	31,509	177,011	5.3
89–90	0.125724	29,635	3,726	27,772	145,502	4.9
90–91	0.140340	25,909	3,636	24,091	117,731	4.5
91–92	0.156164	22,273	3,478	20,534	93,640	4.2
92–93	0.173186	18,795	3,255	17,167	73,106	3.9
93–94	0.191367	15,540	2,974	14,053	55,939	3.6
94–95	0.210642	12,566	2,647	11,242	41,886	3.3
95–96	0.230916	9,919	2,290	8,774	30,644	3.1
96–97	0.252063	7,628	1,923	6,667	21,870	2.9
97–98	0.273928	5,706	1,563	4,924	15,203	2.7
98–99	0.296335	4,143	1,228	3,529	10,279	2.5
99–100	0.319085	2,915	930	2,450	6,750	2.3
100 and older	1.000000	1,985	1,985	4,300	4,300	2.2

certificates. Updated classification ratios were applied; see Technical Notes in this report.

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