

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2010): **Revised United States life tables, 2000–2004**. National Vital Statistics Report Volume 58, Number 10. 131pp. Downloaded from: www.cdc.gov (20.12.2023).

Note: These tables are updated using revised intercensal population estimates and a new methodology implemented with the final 2008 life tables: https://www.cdc.gov/nchs/data/dvs/LEWK3_2002.pdf

Table II. Life table for males: United States, 2002

Age	Probability of dying between ages x to x+1 q^x	Number surviving to age x l^x	Number dying between ages x to x+1 d^x	Person-years lived between ages x to 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	0.007639	100,000	764	99,332	7,428,683	74.3
1-2	0.000540	99,236	54	99,209	7,329,351	73.9
2-3	0.000361	99,183	36	99,165	7,230,142	72.9
3-4	0.000267	99,147	26	99,134	7,130,977	71.9
4-5	0.000229	99,120	23	99,109	7,031,844	70.9
5-6	0.000197	99,098	20	99,088	6,932,735	70.0
6-7	0.000184	99,078	18	99,069	6,833,647	69.0
7-8	0.000172	99,060	17	99,051	6,734,578	68.0
8-9	0.000154	99,043	15	99,035	6,635,527	67.0
9-10	0.000130	99,027	13	99,021	6,536,492	66.0
10-11	0.000113	99,015	11	99,009	6,437,471	65.0
11-12	0.000121	99,003	12	98,998	6,338,462	64.0
12-13	0.000176	98,992	17	98,983	6,239,464	63.0
13-14	0.000291	98,974	29	98,960	6,140,481	62.0
14-15	0.000452	98,945	45	98,923	6,041,522	61.1
15-16	0.000633	98,901	63	98,869	5,942,599	60.1
16-17	0.000808	98,838	80	98,798	5,843,729	59.1
17-18	0.000969	98,758	96	98,710	5,744,931	58.2
18-19	0.001098	98,662	108	98,608	5,646,221	57.2
19-20	0.001199	98,554	118	98,495	5,547,613	56.3
20-21	0.001300	98,436	128	98,372	5,449,118	55.4
21-22	0.001397	98,308	137	98,239	5,350,746	54.4
22-23	0.001453	98,171	143	98,099	5,252,507	53.5
23-24	0.001460	98,028	143	97,956	5,154,407	52.6
24-25	0.001429	97,885	140	97,815	5,056,451	51.7
25-26	0.001384	97,745	135	97,677	4,958,636	50.7
26-27	0.001345	97,610	131	97,544	4,860,958	49.8
27-28	0.001320	97,479	129	97,414	4,763,414	48.9
28-29	0.001321	97,350	129	97,286	4,666,000	47.9
29-30	0.001346	97,221	131	97,156	4,568,714	47.0
30-31	0.001378	97,090	134	97,024	4,471,558	46.1
31-32	0.001415	96,957	137	96,888	4,374,535	45.1
32-33	0.001484	96,820	144	96,748	4,277,647	44.2
33-34	0.001548	96,676	150	96,601	4,180,899	43.2
34-35	0.001647	96,526	159	96,447	4,084,298	42.3
35-36	0.001760	96,367	170	96,282	3,987,851	41.4
36-37	0.001888	96,198	182	96,107	3,891,569	40.5
37-38	0.002039	96,016	196	95,918	3,795,462	39.5
38-39	0.002213	95,820	212	95,714	3,699,544	38.6

Table II. Life table for males: United States, 2002

Age	Probability of dying between ages x to x+1 q^x	Number surviving to age x l^x	Number dying between ages x to x+1 d^x	Person-years lived between ages x to x+1 L^x	Total number of person-years lived above age x T^x	Expectation of life at age x e^x
39-40	0.002404	95,608	230	95,493	3,603,829	37.7
40-41	0.002604	95,378	248	95,254	3,508,336	36.8
41-42	0.002812	95,130	267	94,996	3,413,082	35.9
42-43	0.003037	94,863	288	94,718	3,318,086	35.0
43-44	0.003288	94,574	311	94,419	3,223,367	34.1
44-45	0.003568	94,263	336	94,095	3,128,948	33.2
45-46	0.003874	93,927	364	93,745	3,034,853	32.3
46-47	0.004200	93,563	393	93,367	2,941,108	31.4
47-48	0.004542	93,170	423	92,959	2,847,741	30.6
48-49	0.004893	92,747	454	92,520	2,754,782	29.7
49-50	0.005254	92,293	485	92,051	2,662,262	28.8
50-51	0.005640	91,808	518	91,549	2,570,211	28.0
51-52	0.006058	91,291	553	91,014	2,478,662	27.2
52-53	0.006508	90,738	591	90,442	2,387,648	26.3
53-54	0.006999	90,147	631	89,832	2,297,205	25.5
54-55	0.007543	89,516	675	89,178	2,207,374	24.7
55-56	0.008156	88,841	725	88,479	2,118,195	23.8
56-57	0.008838	88,116	779	87,727	2,029,717	23.0
57-58	0.009588	87,337	837	86,919	1,941,990	22.2
58-59	0.010405	86,500	900	86,050	1,855,071	21.4
59-60	0.011301	85,600	967	85,116	1,769,021	20.7
60-61	0.012326	84,633	1,043	84,111	1,683,905	19.9
61-62	0.013487	83,590	1,127	83,026	1,599,794	19.1
62-63	0.014730	82,462	1,215	81,855	1,516,768	18.4
63-64	0.016017	81,247	1,301	80,597	1,434,913	17.7
64-65	0.017365	79,946	1,388	79,252	1,354,316	16.9
65-66	0.018798	78,558	1,477	77,819	1,275,064	16.2
66-67	0.020360	77,081	1,569	76,296	1,197,245	15.5
67-68	0.022205	75,512	1,677	74,673	1,120,948	14.8
68-69	0.024331	73,835	1,797	72,937	1,046,275	14.2
69-70	0.026704	72,038	1,924	71,077	973,338	13.5
70-71	0.029235	70,115	2,050	69,090	902,262	12.9
71-72	0.031999	68,065	2,178	66,976	833,172	12.2
72-73	0.035141	65,887	2,315	64,729	766,196	11.6
73-74	0.038712	63,572	2,461	62,341	701,467	11.0
74-75	0.042678	61,111	2,608	59,807	639,125	10.5
75-76	0.047037	58,503	2,752	57,127	579,319	9.9
76-77	0.051708	55,751	2,883	54,309	522,192	9.4
77-78	0.056815	52,868	3,004	51,366	467,883	8.9

Table II. Life table for males: United States, 2002

Age	Probability of dying between ages x to x+1 q^x	Number surviving to age x l^x	Number dying between ages x to x+1 d^x	Person-years lived between ages x to x+1 L^x	Total number of person-years lived above age x T^x	Expectation of life at age x e^x
78-79	0.062393	49,864	3,111	48,309	416,516	8.4
79-80	0.068479	46,753	3,202	45,152	368,208	7.9
80-81	0.075111	43,552	3,271	41,916	323,055	7.4
81-82	0.082329	40,280	3,316	38,622	281,139	7.0
82-83	0.090173	36,964	3,333	35,298	242,517	6.6
83-84	0.098683	33,631	3,319	31,972	207,220	6.2
84-85	0.107902	30,312	3,271	28,677	175,248	5.8
85-86	0.117869	27,041	3,187	25,448	146,571	5.4
86-87	0.128624	23,854	3,068	22,320	121,124	5.1
87-88	0.140204	20,786	2,914	19,329	98,803	4.8
88-89	0.152645	17,872	2,728	16,508	79,475	4.4
89-90	0.165976	15,144	2,513	13,887	62,967	4.2
90-91	0.180224	12,630	2,276	11,492	49,080	3.9
91-92	0.195408	10,354	2,023	9,342	37,588	3.6
92-93	0.211541	8,331	1,762	7,450	28,246	3.4
93-94	0.228628	6,568	1,502	5,818	20,796	3.2
94-95	0.246664	5,067	1,250	4,442	14,979	3.0
95-96	0.265632	3,817	1,014	3,310	10,537	2.8
96-97	0.285506	2,803	800	2,403	7,227	2.6
97-98	0.306247	2,003	613	1,696	4,824	2.4
98-99	0.327803	1,389	455	1,162	3,128	2.3
99-100	0.350111	934	327	770	1,967	2.1
100 and over	1.000000	607	607	1,196	1,196	2.0

Table III. Life table for females: United States, 2002

Age	Probability of dying between ages x to x+1 q^x	Number surviving to age x l^x	Number dying between ages x to x+1 d^x	Person-years lived between ages x to 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	0.006271	100,000	627	99,449	7,948,798	79.5
1-2	0.000431	99,373	43	99,351	7,849,350	79.0
2-3	0.000276	99,330	27	99,316	7,749,998	78.0
3-4	0.000195	99,303	19	99,293	7,650,682	77.0
4-5	0.000166	99,283	17	99,275	7,551,389	76.1
5-6	0.000155	99,267	15	99,259	7,452,114	75.1
6-7	0.000143	99,251	14	99,244	7,352,854	74.1
7-8	0.000135	99,237	13	99,231	7,253,610	73.1
8-9	0.000127	99,224	13	99,218	7,154,380	72.1
9-10	0.000118	99,211	12	99,205	7,055,162	71.1
10-11	0.000114	99,199	11	99,194	6,955,957	70.1
11-12	0.000118	99,188	12	99,182	6,856,763	69.1
12-13	0.000140	99,176	14	99,170	6,757,581	68.1
13-14	0.000182	99,163	18	99,154	6,658,411	67.1
14-15	0.000240	99,145	24	99,133	6,559,257	66.2
15-16	0.000308	99,121	30	99,106	6,460,125	65.2
16-17	0.000373	99,090	37	99,072	6,361,019	64.2
17-18	0.000423	99,053	42	99,032	6,261,947	63.2
18-19	0.000448	99,012	44	98,989	6,162,915	62.2
19-20	0.000454	98,967	45	98,945	6,063,925	61.3
20-21	0.000458	98,922	45	98,900	5,964,981	60.3
21-22	0.000466	98,877	46	98,854	5,866,081	59.3
22-23	0.000473	98,831	47	98,807	5,767,227	58.4
23-24	0.000479	98,784	47	98,760	5,668,420	57.4
24-25	0.000487	98,737	48	98,713	5,569,659	56.4
25-26	0.000497	98,689	49	98,664	5,470,947	55.4
26-27	0.000510	98,640	50	98,614	5,372,283	54.5
27-28	0.000530	98,589	52	98,563	5,273,668	53.5
28-29	0.000556	98,537	55	98,510	5,175,105	52.5
29-30	0.000587	98,482	58	98,453	5,076,595	51.5
30-31	0.000623	98,425	61	98,394	4,978,142	50.6
31-32	0.000665	98,363	65	98,330	4,879,748	49.6
32-33	0.000723	98,298	71	98,262	4,781,417	48.6
33-34	0.000783	98,227	77	98,188	4,683,155	47.7
34-35	0.000862	98,150	85	98,107	4,584,967	46.7
35-36	0.000948	98,065	93	98,019	4,486,859	45.8
36-37	0.001040	97,972	102	97,921	4,388,841	44.8
37-38	0.001145	97,870	112	97,814	4,290,919	43.8
38-39	0.001263	97,758	124	97,697	4,193,105	42.9

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39-40	0.001390	97,635	136	97,567	4,095,408	41.9
40-41	0.001520	97,499	148	97,425	3,997,841	41.0
41-42	0.001653	97,351	161	97,270	3,900,416	40.1
42-43	0.001789	97,190	174	97,103	3,803,146	39.1
43-44	0.001932	97,016	187	96,922	3,706,043	38.2
44-45	0.002085	96,829	202	96,728	3,609,121	37.3
45-46	0.002252	96,627	218	96,518	3,512,393	36.4
46-47	0.002433	96,409	235	96,292	3,415,875	35.4
47-48	0.002622	96,175	252	96,049	3,319,583	34.5
48-49	0.002816	95,922	270	95,787	3,223,534	33.6
49-50	0.003017	95,652	289	95,508	3,127,747	32.7
50-51	0.003231	95,364	308	95,210	3,032,239	31.8
51-52	0.003470	95,056	330	94,891	2,937,029	30.9
52-53	0.003746	94,726	355	94,548	2,842,138	30.0
53-54	0.004074	94,371	384	94,179	2,747,590	29.1
54-55	0.004457	93,986	419	93,777	2,653,411	28.2
55-56	0.004900	93,568	458	93,338	2,559,634	27.4
56-57	0.005390	93,109	502	92,858	2,466,296	26.5
57-58	0.005911	92,607	547	92,334	2,373,438	25.6
58-59	0.006451	92,060	594	91,763	2,281,104	24.8
59-60	0.007022	91,466	642	91,145	2,189,342	23.9
60-61	0.007675	90,824	697	90,475	2,098,197	23.1
61-62	0.008429	90,127	760	89,747	2,007,722	22.3
62-63	0.009241	89,367	826	88,954	1,917,975	21.5
63-64	0.010096	88,541	894	88,094	1,829,021	20.7
64-65	0.011008	87,647	965	87,165	1,740,927	19.9
65-66	0.012008	86,682	1,041	86,162	1,653,762	19.1
66-67	0.013021	85,641	1,115	85,084	1,567,600	18.3
67-68	0.014187	84,526	1,199	83,927	1,482,516	17.5
68-69	0.015508	83,327	1,292	82,681	1,398,589	16.8
69-70	0.016989	82,035	1,394	81,338	1,315,908	16.0
70-71	0.018620	80,641	1,502	79,890	1,234,570	15.3
71-72	0.020482	79,140	1,621	78,329	1,154,680	14.6
72-73	0.022665	77,519	1,757	76,640	1,076,350	13.9
73-74	0.025202	75,762	1,909	74,807	999,710	13.2
74-75	0.028086	73,852	2,074	72,815	924,903	12.5
75-76	0.031336	71,778	2,249	70,654	852,088	11.9
76-77	0.034835	69,529	2,422	68,318	781,434	11.2
77-78	0.038708	67,107	2,598	65,808	713,116	10.6

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78-79	0.042994	64,509	2,774	63,123	647,308	10.0
79-80	0.047730	61,736	2,947	60,263	584,185	9.5
80-81	0.052959	58,789	3,113	57,233	523,922	8.9
81-82	0.058726	55,676	3,270	54,041	466,690	8.4
82-83	0.065077	52,406	3,410	50,701	412,649	7.9
83-84	0.072063	48,996	3,531	47,230	361,948	7.4
84-85	0.079734	45,465	3,625	43,652	314,717	6.9
85-86	0.088145	41,840	3,688	39,996	271,065	6.5
86-87	0.097349	38,152	3,714	36,295	231,069	6.1
87-88	0.107401	34,438	3,699	32,589	194,774	5.7
88-89	0.118355	30,739	3,638	28,920	162,186	5.3
89-90	0.130263	27,101	3,530	25,336	133,265	4.9
90-91	0.143174	23,571	3,375	21,883	107,929	4.6
91-92	0.157134	20,196	3,173	18,609	86,046	4.3
92-93	0.172182	17,023	2,931	15,557	67,437	4.0
93-94	0.188349	14,092	2,654	12,765	51,879	3.7
94-95	0.205656	11,437	2,352	10,261	39,115	3.4
95-96	0.224115	9,085	2,036	8,067	28,854	3.2
96-97	0.243722	7,049	1,718	6,190	20,786	2.9
97-98	0.264460	5,331	1,410	4,626	14,596	2.7
98-99	0.286295	3,921	1,123	3,360	9,970	2.5
99-100	0.309174	2,799	865	2,366	6,610	2.4
100 and over	1.000000	1,933	1,933	4,244	4,244	2.2