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_2001.pdf

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Table II. Life table for males: United States, 2000

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to 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	0.007593	100,000	759	99,333	7,406,575	74.1
1–2	0.000567	99,241	56	99,213	7,307,241	73.6
2–3	0.000380	99,184	38	99,166	7,208,029	72.7
3–4	0.000279	99,147	28	99,133	7,108,863	71.7
4–5	0.000211	99,119	21	99,109	7,009,730	70.7
5–6	0.000202	99,098	20	99,088	6,910,621	69.7
6–7	0.000191	99,078	19	99,069	6,811,533	68.7
7–8	0.000181	99,059	18	99,050	6,712,464	67.8
8–9	0.000165	99,041	16	99,033	6,613,414	66.8
9–10	0.000142	99,025	14	99,018	6,514,380	65.8
10–11	0.000124	99,011	12	99,005	6,415,362	64.8
11–12	0.000131	98,999	13	98,992	6,316,357	63.8
12–13	0.000187	98,986	18	98,977	6,217,365	62.8
13–14	0.000305	98,967	30	98,952	6,118,388	61.8
14–15	0.000468	98,937	46	98,914	6,019,436	60.8
15–16	0.000646	98,891	64	98,859	5,920,521	59.9
16–17	0.000813	98,827	80	98,787	5,821,662	58.9
17–18	0.000962	98,747	95	98,699	5,722,875	58.0
18–19	0.001081	98,652	107	98,599	5,624,176	57.0
19–20	0.001176	98,545	116	98,487	5,525,577	56.1
20–21	0.001277	98,429	126	98,367	5,427,090	55.1
21–22	0.001376	98,304	135	98,236	5,328,724	54.2
22–23	0.001432	98,168	141	98,098	5,230,488	53.3
23–24	0.001431	98,028	140	97,958	5,132,389	52.4
24–25	0.001388	97,888	136	97,820	5,034,432	51.4
25–26	0.001330	97,752	130	97,687	4,936,612	50.5
26–27	0.001285	97,622	125	97,559	4,838,925	49.6
27–28	0.001259	97,496	123	97,435	4,741,366	48.6
28–29	0.001265	97,374	123	97,312	4,643,931	47.7
29–30	0.001298	97,250	126	97,187	4,546,619	46.8
30–31	0.001341	97,124	130	97,059	4,449,432	45.8
31–32	0.001388	96,994	135	96,927	4,352,373	44.9
32–33	0.001454	96,859	141	96,789	4,255,446	43.9
33–34	0.001545	96,718	149	96,644	4,158,657	43.0
34–35	0.001650	96,569	159	96,489	4,062,013	42.1
35–36	0.001763	96,410	170	96,325	3,965,524	41.1
36–37	0.001885	96,240	181	96,149	3,869,199	40.2
37–38	0.002026	96,058	195	95,961	3,773,050	39.3
38–39	0.002193	95,864	210	95,759	3,677,089	38.4
39–40	0.002383	95,654	228	95,540	3,581,330	37.4
40–41	0.002588	95,426	247	95,302	3,485,791	36.5
41–42	0.002804	95,179	267	95,045	3,390,489	35.6
42–43	0.003040	94,912	289	94,768	3,295,443	34.7
43–44	0.003299	94,623	312	94,467	3,200,676	33.8
44–45	0.003582	94,311	338	94,142	3,106,209	32.9
45–46	0.003898	93,973	366	93,790	3,012,066	32.1
46–47	0.004237	93,607	397	93,409	2,918,276	31.2
47–48	0.004580	93,210	427	92,997	2,824,867	30.3
48–49	0.004908	92,784	455	92,556	2,731,870	29.4
49–50	0.005229	92,328	483	92,087	2,639,315	28.6
50–51	0.005563	91,845	511	91,590	2,547,228	27.7
51–52	0.005934	91,334	542	91,063	2,455,638	26.9
52–53	0.006359	90,792	577	90,504	2,364,575	26.0
53–54	0.006871	90,215	620	89,905	2,274,071	25.2
54–55	0.007485	89,595	671	89,260	2,184,166	24.4
55–56	0.008212	88,925	730	88,559	2,094,906	23.6
56–57	0.009033	88,194	797	87,796	2,006,346	22.7
57–58	0.009922	87,398	867	86,964	1,918,550	22.0
58–59	0.010832	86,531	937	86,062	1,831,586	21.2
59–60	0.011767	85,593	1,007	85,090	1,745,524	20.4
60–61	0.012800	84,586	1,083	84,045	1,660,434	19.6
61–62	0.013980	83,503	1,167	82,920	1,576,390	18.9
62–63	0.015256	82,336	1,256	81,708	1,493,470	18.1
63–64	0.016622	81,080	1,348	80,406	1,411,762	17.4
64–65	0.018082	79,732	1,442	79,011	1,331,356	16.7
65–66	0.019594	78,291	1,534	77,524	1,252,345	16.0
66–67	0.021205	76,757	1,628	75,943	1,174,821	15.3

Table II. Life table for males: United States, 2000—Con.

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to 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
67–68	0.023134	75,129	1,738	74,260	1,098,878	14.6
68–69	0.025360	73,391	1,861	72,460	1,024,618	14.0
69–70	0.027822	71,530	1,990	70,535	952,158	13.3
70–71	0.030496	69,540	2,121	68,479	881,624	12.7
71–72	0.033398	67,419	2,252	66,293	813,144	12.1
72–73	0.036634	65,167	2,387	63,974	746,851	11.5
73–74	0.040244	62,780	2,526	61,517	682,878	10.9
74–75	0.044266	60,253	2,667	58,920	621,361	10.3
75–76	0.048713	57,586	2,805	56,184	562,441	9.8
76–77	0.053453	54,781	2,928	53,317	506,257	9.2
77–78	0.058627	51,853	3,040	50,333	452,940	8.7
78–79	0.064268	48,813	3,137	47,244	402,607	8.2
79–80	0.070411	45,676	3,216	44,068	355,363	7.8
80–81	0.077092	42,460	3,273	40,823	311,295	7.3
81–82	0.084350	39,186	3,305	37,534	270,472	6.9
82–83	0.092223	35,881	3,309	34,226	232,939	6.5
83–84	0.100751	32,572	3,282	30,931	198,712	6.1
84–85	0.109971	29,290	3,221	27,680	167,781	5.7
85–86	0.119922	26,069	3,126	24,506	140,101	5.4
86–87	0.130641	22,943	2,997	21,444	115,595	5.0
87–88	0.142164	19,946	2,836	18,528	94,151	4.7
88–89	0.154523	17,110	2,644	15,788	75,623	4.4
89–90	0.167746	14,466	2,427	13,253	59,835	4.1
90–91	0.181857	12,040	2,189	10,945	46,582	3.9
91–92	0.196874	9,850	1,939	8,880	35,637	3.6
92–93	0.212809	7,911	1,684	7,069	26,757	3.4
93–94	0.229665	6,227	1,430	5,512	19,687	3.2
94–95	0.247436	4,797	1,187	4,204	14,175	3.0
95–96	0.266107	3,610	961	3,130	9,972	2.8
96–97	0.285653	2,649	757	2,271	6,842	2.6
97–98	0.306035	1,893	579	1,603	4,571	2.4
98–99	0.327206	1,313	430	1,099	2,968	2.3
99–100	0.349104	884	308	729	1,869	2.1
100 and over	1.000000	575	575	1,140	1,140	2.0

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Table III. Life table for females: United States, 2000

Age	Probability of dying between ages x to $x+1$	Number surviving to age x	Number dying between ages x to $x+1$	Person-years lived between ages x to $x+1$	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	0.006235	100,000	624	99,454	7,934,834	79.3
1–2	0.000466	99,376	46	99,353	7,835,379	78.8
2–3	0.000304	99,330	30	99,315	7,736,026	77.9
3–4	0.000195	99,300	19	99,290	7,636,711	76.9
4–5	0.000182	99,281	18	99,272	7,537,421	75.9
5–6	0.000162	99,262	16	99,254	7,438,149	74.9
6–7	0.000148	99,246	15	99,239	7,338,895	73.9
7–8	0.000139	99,232	14	99,225	7,239,656	73.0
8–9	0.000130	99,218	13	99,211	7,140,431	72.0
9–10	0.000122	99,205	12	99,199	7,041,219	71.0
10–11	0.000116	99,193	12	99,187	6,942,020	70.0
11–12	0.000121	99,181	12	99,175	6,842,833	69.0
12–13	0.000142	99,169	14	99,162	6,743,658	68.0
13–14	0.000184	99,155	18	99,146	6,644,495	67.0
14–15	0.000241	99,137	24	99,125	6,545,349	66.0
15–16	0.000306	99,113	30	99,098	6,446,224	65.0
16–17	0.000367	99,083	36	99,065	6,347,126	64.1
17–18	0.000413	99,047	41	99,026	6,248,061	63.1
18–19	0.000438	99,006	43	98,984	6,149,035	62.1
19–20	0.000446	98,962	44	98,940	6,050,051	61.1
20–21	0.000453	98,918	45	98,896	5,951,111	60.2
21–22	0.000465	98,873	46	98,850	5,852,215	59.2
22–23	0.000473	98,827	47	98,804	5,753,365	58.2
23–24	0.000479	98,781	47	98,757	5,654,561	57.2
24–25	0.000485	98,733	48	98,709	5,555,804	56.3
25–26	0.000492	98,685	49	98,661	5,457,094	55.3
26–27	0.000502	98,637	50	98,612	5,358,433	54.3
27–28	0.000519	98,587	51	98,562	5,259,821	53.4
28–29	0.000545	98,536	54	98,509	5,161,259	52.4
29–30	0.000580	98,482	57	98,454	5,062,750	51.4
30–31	0.000620	98,425	61	98,395	4,964,296	50.4
31–32	0.000666	98,364	65	98,332	4,865,901	49.5
32–33	0.000720	98,299	71	98,263	4,767,570	48.5
33–34	0.000791	98,228	78	98,189	4,669,306	47.5
34–35	0.000867	98,150	85	98,108	4,571,117	46.6
35–36	0.000944	98,065	93	98,019	4,473,009	45.6
36–37	0.001025	97,973	100	97,922	4,374,990	44.7
37–38	0.001116	97,872	109	97,818	4,277,068	43.7
38–39	0.001221	97,763	119	97,703	4,179,250	42.7
39–40	0.001339	97,644	131	97,578	4,081,547	41.8
40–41	0.001468	97,513	143	97,441	3,983,968	40.9
41–42	0.001603	97,370	156	97,292	3,886,527	39.9
42–43	0.001737	97,214	169	97,129	3,789,235	39.0
43–44	0.001868	97,045	181	96,954	3,692,105	38.0
44–45	0.002002	96,864	194	96,767	3,595,151	37.1
45–46	0.002148	96,670	208	96,566	3,498,384	36.2
46–47	0.002313	96,462	223	96,351	3,401,818	35.3
47–48	0.002502	96,239	241	96,119	3,305,467	34.3
48–49	0.002716	95,998	261	95,868	3,209,349	33.4
49–50	0.002953	95,738	283	95,596	3,113,481	32.5
50–51	0.003211	95,455	307	95,302	3,017,885	31.6
51–52	0.003490	95,148	332	94,982	2,922,583	30.7
52–53	0.003794	94,816	360	94,636	2,827,601	29.8
53–54	0.004134	94,457	391	94,261	2,732,964	28.9
54–55	0.004525	94,066	426	93,853	2,638,703	28.1
55–56	0.004987	93,640	467	93,407	2,544,849	27.2
56–57	0.005516	93,173	514	92,917	2,451,442	26.3
57–58	0.006092	92,660	565	92,377	2,358,526	25.5
58–59	0.006694	92,095	617	91,787	2,266,149	24.6
59–60	0.007324	91,479	670	91,144	2,174,362	23.8
60–61	0.008030	90,809	729	90,444	2,083,218	22.9
61–62	0.008834	90,079	796	89,681	1,992,774	22.1
62–63	0.009696	89,284	866	88,851	1,903,093	21.3
63–64	0.010603	88,418	937	87,949	1,814,242	20.5
64–65	0.011559	87,480	1,011	86,975	1,726,293	19.7
65–66	0.012579	86,469	1,088	85,925	1,639,318	19.0
66–67	0.013568	85,382	1,158	84,802	1,553,393	18.2

Table III. Life table for females: United States, 2000—Con.

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to 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
67–68	0.014708	84,223	1,239	83,604	1,468,591	17.4
68–69	0.016019	82,984	1,329	82,320	1,384,987	16.7
69–70	0.017506	81,655	1,429	80,940	1,302,667	16.0
70–71	0.019140	80,226	1,536	79,458	1,221,727	15.2
71–72	0.021011	78,690	1,653	77,863	1,142,269	14.5
72–73	0.023228	77,037	1,789	76,142	1,064,406	13.8
73–74	0.025815	75,247	1,943	74,276	988,264	13.1
74–75	0.028751	73,305	2,108	72,251	913,988	12.5
75–76	0.032040	71,197	2,281	70,057	841,737	11.8
76–77	0.035555	68,916	2,450	67,691	771,680	11.2
77–78	0.039439	66,466	2,621	65,155	703,990	10.6
78–79	0.043728	63,844	2,792	62,448	638,835	10.0
79–80	0.048460	61,053	2,959	59,573	576,386	9.4
80–81	0.053675	58,094	3,118	56,535	516,813	8.9
81–82	0.059417	54,976	3,266	53,343	460,278	8.4
82–83	0.065730	51,709	3,399	50,010	406,936	7.9
83–84	0.072662	48,310	3,510	46,555	356,926	7.4
84–85	0.080262	44,800	3,596	43,002	310,370	6.9
85–86	0.088581	41,204	3,650	39,379	267,368	6.5
86–87	0.097671	37,555	3,668	35,721	227,989	6.1
87–88	0.107584	33,887	3,646	32,064	192,268	5.7
88–89	0.118370	30,241	3,580	28,451	160,204	5.3
89–90	0.130081	26,661	3,468	24,927	131,753	4.9
90–91	0.142763	23,193	3,311	21,538	106,826	4.6
91–92	0.156458	19,882	3,111	18,327	85,288	4.3
92–93	0.171205	16,771	2,871	15,336	66,962	4.0
93–94	0.187034	13,900	2,600	12,600	51,626	3.7
94–95	0.203966	11,300	2,305	10,148	39,026	3.5
95–96	0.222012	8,995	1,997	7,997	28,878	3.2
96–97	0.241171	6,998	1,688	6,154	20,881	3.0
97–98	0.261428	5,311	1,388	4,616	14,727	2.8
98–99	0.282753	3,922	1,109	3,368	10,111	2.6
99–100	0.305098	2,813	858	2,384	6,743	2.4
100 and over	1.000000	1,955	1,955	4,359	4,359	2.2