

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 V. Life table for white males: United States, 2002

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				surviving to	
	between	age x	ages x to x+1	ages x to x+1	person-years	of life
	ages x to x+1				lived above	at age x
	q^x	l^x	d^x	L^x	age x	e^x
					T^x	
0-1	0.006417	100,000	642	99,439	7,487,200	74.9
1-2	0.000478	99,358	48	99,335	7,387,760	74.4
2-3	0.000325	99,311	32	99,295	7,288,426	73.4
3-4	0.000243	99,278	24	99,266	7,189,131	72.4
4-5	0.000205	99,254	20	99,244	7,089,865	71.4
5-6	0.000179	99,234	18	99,225	6,990,621	70.4
6-7	0.000171	99,216	17	99,208	6,891,395	69.5
7-8	0.000161	99,199	16	99,191	6,792,188	68.5
8-9	0.000142	99,183	14	99,176	6,692,996	67.5
9-10	0.000117	99,169	12	99,163	6,593,820	66.5
10-11	0.000096	99,158	10	99,153	6,494,657	65.5
11-12	0.000102	99,148	10	99,143	6,395,504	64.5
12-13	0.000155	99,138	15	99,130	6,296,361	63.5
13-14	0.000271	99,123	27	99,109	6,197,230	62.5
14-15	0.000433	99,096	43	99,074	6,098,121	61.5
15-16	0.000615	99,053	61	99,022	5,999,047	60.6
16-17	0.000788	98,992	78	98,953	5,900,024	59.6
17-18	0.000940	98,914	93	98,867	5,801,072	58.6
18-19	0.001054	98,821	104	98,769	5,702,204	57.7
19-20	0.001134	98,717	112	98,661	5,603,435	56.8
20-21	0.001213	98,605	120	98,545	5,504,774	55.8
21-22	0.001289	98,485	127	98,422	5,406,229	54.9
22-23	0.001329	98,358	131	98,293	5,307,807	54.0
23-24	0.001325	98,228	130	98,163	5,209,514	53.0
24-25	0.001290	98,098	127	98,034	5,111,351	52.1
25-26	0.001239	97,971	121	97,910	5,013,317	51.2
26-27	0.001196	97,850	117	97,791	4,915,407	50.2
27-28	0.001169	97,733	114	97,676	4,817,615	49.3
28-29	0.001174	97,618	115	97,561	4,719,940	48.4
29-30	0.001204	97,504	117	97,445	4,622,379	47.4
30-31	0.001244	97,386	121	97,326	4,524,934	46.5
31-32	0.001287	97,265	125	97,203	4,427,608	45.5
32-33	0.001355	97,140	132	97,074	4,330,405	44.6
33-34	0.001413	97,008	137	96,940	4,233,331	43.6
34-35	0.001500	96,871	145	96,799	4,136,391	42.7
35-36	0.001596	96,726	154	96,649	4,039,592	41.8
36-37	0.001709	96,572	165	96,489	3,942,943	40.8
37-38	0.001852	96,407	179	96,317	3,846,454	39.9
38-39	0.002027	96,228	195	96,131	3,750,136	39.0

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Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				surviving to	
	between	age x	ages x to x+1	ages x to x+1	person-years	at age x
	ages x to x+1				lived above	
	q^x	l^x	d^x	L^x	age x	e^x
					T^x	
39-40	0.002224	96,033	214	95,926	3,654,006	38.0
40-41	0.002430	95,820	233	95,703	3,558,079	37.1
41-42	0.002639	95,587	252	95,461	3,462,376	36.2
42-43	0.002856	95,334	272	95,198	3,366,916	35.3
43-44	0.003085	95,062	293	94,916	3,271,717	34.4
44-45	0.003333	94,769	316	94,611	3,176,802	33.5
45-46	0.003604	94,453	340	94,283	3,082,191	32.6
46-47	0.003895	94,113	367	93,929	2,987,908	31.7
47-48	0.004200	93,746	394	93,549	2,893,978	30.9
48-49	0.004512	93,352	421	93,142	2,800,429	30.0
49-50	0.004834	92,931	449	92,707	2,707,287	29.1
50-51	0.005176	92,482	479	92,243	2,614,581	28.3
51-52	0.005551	92,003	511	91,748	2,522,338	27.4
52-53	0.005969	91,493	546	91,220	2,430,590	26.6
53-54	0.006445	90,947	586	90,654	2,339,370	25.7
54-55	0.006984	90,360	631	90,045	2,248,717	24.9
55-56	0.007595	89,729	681	89,389	2,158,672	24.1
56-57	0.008269	89,048	736	88,680	2,069,283	23.2
57-58	0.009000	88,312	795	87,914	1,980,603	22.4
58-59	0.009786	87,517	856	87,089	1,892,689	21.6
59-60	0.010644	86,660	922	86,199	1,805,600	20.8
60-61	0.011635	85,738	998	85,239	1,719,401	20.1
61-62	0.012773	84,740	1,082	84,199	1,634,162	19.3
62-63	0.013999	83,658	1,171	83,072	1,549,963	18.5
63-64	0.015276	82,487	1,260	81,857	1,466,891	17.8
64-65	0.016619	81,227	1,350	80,552	1,385,034	17.1
65-66	0.018056	79,877	1,442	79,156	1,304,482	16.3
66-67	0.019623	78,435	1,539	77,665	1,225,326	15.6
67-68	0.021472	76,895	1,651	76,070	1,147,661	14.9
68-69	0.023605	75,244	1,776	74,356	1,071,591	14.2
69-70	0.025961	73,468	1,907	72,515	997,235	13.6
70-71	0.028461	71,561	2,037	70,543	924,721	12.9
71-72	0.031195	69,524	2,169	68,440	854,178	12.3
72-73	0.034316	67,355	2,311	66,200	785,738	11.7
73-74	0.037877	65,044	2,464	63,812	719,539	11.1
74-75	0.041861	62,580	2,620	61,271	655,726	10.5
75-76	0.046267	59,961	2,774	58,574	594,456	9.9
76-77	0.050970	57,186	2,915	55,729	535,882	9.4
77-78	0.056123	54,272	3,046	52,749	480,153	8.8

Table V. Life table for white males: United States, 2002

Age	Probability	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	Expectation of life at age x e^x
	of dying between ages x to x+1 q^x				number of person-years lived above age x T^x	
78-79	0.061762	51,226	3,164	49,644	427,404	8.3
79-80	0.067928	48,062	3,265	46,430	377,761	7.9
80-81	0.074660	44,797	3,345	43,125	331,331	7.4
81-82	0.082000	41,453	3,399	39,753	288,206	7.0
82-83	0.089992	38,054	3,425	36,341	248,453	6.5
83-84	0.098679	34,629	3,417	32,920	212,111	6.1
84-85	0.108106	31,212	3,374	29,525	179,191	5.7
85-86	0.118314	27,838	3,294	26,191	149,666	5.4
86-87	0.129347	24,544	3,175	22,957	123,475	5.0
87-88	0.141243	21,369	3,018	19,860	100,519	4.7
88-89	0.154040	18,351	2,827	16,938	80,658	4.4
89-90	0.167771	15,524	2,605	14,222	63,721	4.1
90-91	0.182461	12,920	2,357	11,741	49,498	3.8
91-92	0.198131	10,562	2,093	9,516	37,757	3.6
92-93	0.214793	8,470	1,819	7,560	28,241	3.3
93-94	0.232450	6,650	1,546	5,878	20,681	3.1
94-95	0.251095	5,105	1,282	4,464	14,804	2.9
95-96	0.270707	3,823	1,035	3,305	10,340	2.7
96-97	0.291256	2,788	812	2,382	7,035	2.5
97-98	0.312696	1,976	618	1,667	4,653	2.4
98-99	0.334968	1,358	455	1,131	2,986	2.2
99-100	0.358000	903	323	742	1,855	2.1
100 and over	1.000000	580	580	1,113	1,113	1.9

Table VI. Life table for white females: United States, 2002

Age	Probability	Number surviving to age x l^x	Number	Person-years	Total	Expectation of life at age x e^x
	of dying between ages x to x+1 q^x		dying between ages x to x+1 d^x	lived between ages x to x+1 L^x	number of person-years lived above age x T^x	
0-1	0.005124	100,000	512	99,549	7,994,866	79.9
1-2	0.000394	99,488	39	99,468	7,895,317	79.4
2-3	0.000255	99,448	25	99,436	7,795,849	78.4
3-4	0.000179	99,423	18	99,414	7,696,413	77.4
4-5	0.000143	99,405	14	99,398	7,596,999	76.4
5-6	0.000142	99,391	14	99,384	7,497,601	75.4
6-7	0.000134	99,377	13	99,370	7,398,217	74.4
7-8	0.000128	99,364	13	99,357	7,298,846	73.5
8-9	0.000119	99,351	12	99,345	7,199,489	72.5
9-10	0.000109	99,339	11	99,334	7,100,144	71.5
10-11	0.000101	99,328	10	99,323	7,000,811	70.5
11-12	0.000104	99,318	10	99,313	6,901,487	69.5
12-13	0.000126	99,308	13	99,302	6,802,174	68.5
13-14	0.000172	99,295	17	99,287	6,702,873	67.5
14-15	0.000236	99,278	23	99,267	6,603,586	66.5
15-16	0.000311	99,255	31	99,239	6,504,319	65.5
16-17	0.000380	99,224	38	99,205	6,405,080	64.6
17-18	0.000431	99,186	43	99,165	6,305,875	63.6
18-19	0.000452	99,144	45	99,121	6,206,710	62.6
19-20	0.000450	99,099	45	99,076	6,107,589	61.6
20-21	0.000444	99,054	44	99,032	6,008,512	60.7
21-22	0.000443	99,010	44	98,988	5,909,480	59.7
22-23	0.000442	98,966	44	98,944	5,810,492	58.7
23-24	0.000443	98,923	44	98,901	5,711,547	57.7
24-25	0.000447	98,879	44	98,857	5,612,647	56.8
25-26	0.000452	98,835	45	98,812	5,513,790	55.8
26-27	0.000461	98,790	45	98,767	5,414,978	54.8
27-28	0.000474	98,744	47	98,721	5,316,211	53.8
28-29	0.000494	98,698	49	98,673	5,217,489	52.9
29-30	0.000520	98,649	51	98,623	5,118,816	51.9
30-31	0.000550	98,597	54	98,570	5,020,193	50.9
31-32	0.000586	98,543	58	98,514	4,921,623	49.9
32-33	0.000638	98,486	63	98,454	4,823,108	49.0
33-34	0.000693	98,423	68	98,389	4,724,654	48.0
34-35	0.000766	98,355	75	98,317	4,626,266	47.0
35-36	0.000845	98,279	83	98,238	4,527,949	46.1
36-37	0.000930	98,196	91	98,150	4,429,711	45.1
37-38	0.001026	98,105	101	98,054	4,331,561	44.2
38-39	0.001132	98,004	111	97,949	4,233,506	43.2

Table VI. Life table for white females: United States, 2002

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				surviving to	
	between	age x	ages x to x+1	ages x to x+1	person-years	of life
	ages x to x+1				lived above	at age x
	q^x	l^x	d^x	L^x	age x	e^x
					T^x	
39-40	0.001244	97,893	122	97,832	4,135,557	42.2
40-41	0.001359	97,771	133	97,705	4,037,725	41.3
41-42	0.001477	97,639	144	97,566	3,940,020	40.4
42-43	0.001598	97,494	156	97,416	3,842,454	39.4
43-44	0.001724	97,339	168	97,255	3,745,037	38.5
44-45	0.001861	97,171	181	97,080	3,647,783	37.5
45-46	0.002012	96,990	195	96,892	3,550,702	36.6
46-47	0.002176	96,795	211	96,690	3,453,810	35.7
47-48	0.002349	96,584	227	96,471	3,357,120	34.8
48-49	0.002526	96,357	243	96,236	3,260,650	33.8
49-50	0.002712	96,114	261	95,984	3,164,414	32.9
50-51	0.002910	95,853	279	95,714	3,068,430	32.0
51-52	0.003134	95,574	300	95,425	2,972,716	31.1
52-53	0.003401	95,275	324	95,113	2,877,292	30.2
53-54	0.003724	94,951	354	94,774	2,782,179	29.3
54-55	0.004105	94,597	388	94,403	2,687,405	28.4
55-56	0.004545	94,209	428	93,995	2,593,002	27.5
56-57	0.005026	93,781	471	93,545	2,499,007	26.6
57-58	0.005536	93,309	517	93,051	2,405,462	25.8
58-59	0.006063	92,793	563	92,512	2,312,411	24.9
59-60	0.006624	92,230	611	91,925	2,219,899	24.1
60-61	0.007274	91,619	666	91,286	2,127,975	23.2
61-62	0.008027	90,953	730	90,588	2,036,688	22.4
62-63	0.008833	90,223	797	89,824	1,946,101	21.6
63-64	0.009668	89,426	865	88,994	1,856,276	20.8
64-65	0.010549	88,561	934	88,094	1,767,282	20.0
65-66	0.011523	87,627	1,010	87,122	1,679,188	19.2
66-67	0.012529	86,617	1,085	86,075	1,592,066	18.4
67-68	0.013694	85,532	1,171	84,947	1,505,991	17.6
68-69	0.015016	84,361	1,267	83,728	1,421,045	16.8
69-70	0.016492	83,094	1,370	82,409	1,337,317	16.1
70-71	0.018112	81,724	1,480	80,984	1,254,908	15.4
71-72	0.019960	80,244	1,602	79,443	1,173,924	14.6
72-73	0.022129	78,642	1,740	77,772	1,094,481	13.9
73-74	0.024651	76,902	1,896	75,954	1,016,709	13.2
74-75	0.027523	75,006	2,064	73,974	940,755	12.5
75-76	0.030764	72,942	2,244	71,820	866,781	11.9
76-77	0.034267	70,698	2,423	69,487	794,962	11.2
77-78	0.038155	68,275	2,605	66,973	725,475	10.6

Table VI. Life table for white females: United States, 2002

Age	Probability	Number surviving to age x l^x	Number	Person-years	Total	Expectation of life at age x e^x
	of dying between ages x to x+1 q^x		dying between ages x to x+1 d^x	lived between ages x to x+1 L^x	number of person-years lived above age x T^x	
78-79	0.042463	65,670	2,789	64,276	658,502	10.0
79-80	0.047235	62,882	2,970	61,397	594,227	9.4
80-81	0.052513	59,911	3,146	58,338	532,830	8.9
81-82	0.058345	56,765	3,312	55,109	474,492	8.4
82-83	0.064780	53,453	3,463	51,722	419,382	7.8
83-84	0.071871	49,991	3,593	48,194	367,660	7.4
84-85	0.079671	46,398	3,697	44,550	319,466	6.9
85-86	0.088238	42,701	3,768	40,817	274,916	6.4
86-87	0.097629	38,933	3,801	37,033	234,099	6.0
87-88	0.107900	35,132	3,791	33,237	197,066	5.6
88-89	0.119110	31,342	3,733	29,475	163,829	5.2
89-90	0.131313	27,608	3,625	25,796	134,354	4.9
90-91	0.144561	23,983	3,467	22,250	108,559	4.5
91-92	0.158900	20,516	3,260	18,886	86,309	4.2
92-93	0.174373	17,256	3,009	15,752	67,423	3.9
93-94	0.191009	14,247	2,721	12,886	51,671	3.6
94-95	0.208832	11,526	2,407	10,322	38,785	3.4
95-96	0.227849	9,119	2,078	8,080	28,462	3.1
96-97	0.248055	7,041	1,747	6,168	20,382	2.9
97-98	0.269428	5,295	1,426	4,581	14,215	2.7
98-99	0.291927	3,868	1,129	3,303	9,633	2.5
99-100	0.315493	2,739	864	2,307	6,330	2.3
100 and over	1.000000	1,875	1,875	4,023	4,023	2.1