

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_2004.pdf

Table V. Life table for white males: United States, 2004

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	0.006219	100,000	622	99,453	7,543,190	75.4
1-2	0.000455	99,378	45	99,355	7,443,738	74.9
2-3	0.000300	99,333	30	99,318	7,344,382	73.9
3-4	0.000222	99,303	22	99,292	7,245,064	73.0
4-5	0.000197	99,281	20	99,271	7,145,772	72.0
5-6	0.000174	99,261	17	99,253	7,046,501	71.0
6-7	0.000167	99,244	17	99,236	6,947,248	70.0
7-8	0.000158	99,228	16	99,220	6,848,012	69.0
8-9	0.000140	99,212	14	99,205	6,748,793	68.0
9-10	0.000115	99,198	11	99,192	6,649,588	67.0
10-11	0.000096	99,187	9	99,182	6,550,396	66.0
11-12	0.000101	99,177	10	99,172	6,451,214	65.0
12-13	0.000152	99,167	15	99,160	6,352,041	64.1
13-14	0.000261	99,152	26	99,139	6,252,882	63.1
14-15	0.000414	99,126	41	99,106	6,153,743	62.1
15-16	0.000585	99,085	58	99,056	6,054,637	61.1
16-17	0.000747	99,027	74	98,990	5,955,581	60.1
17-18	0.000896	98,953	89	98,909	5,856,591	59.2
18-19	0.001015	98,865	100	98,814	5,757,682	58.2
19-20	0.001107	98,764	109	98,710	5,658,867	57.3
20-21	0.001196	98,655	118	98,596	5,560,158	56.4
21-22	0.001280	98,537	126	98,474	5,461,562	55.4
22-23	0.001329	98,411	131	98,345	5,363,088	54.5
23-24	0.001336	98,280	131	98,214	5,264,743	53.6
24-25	0.001312	98,149	129	98,084	5,166,529	52.6
25-26	0.001275	98,020	125	97,957	5,068,445	51.7
26-27	0.001243	97,895	122	97,834	4,970,487	50.8
27-28	0.001217	97,773	119	97,714	4,872,653	49.8
28-29	0.001207	97,654	118	97,595	4,774,939	48.9
29-30	0.001212	97,536	118	97,477	4,677,344	48.0
30-31	0.001225	97,418	119	97,359	4,579,867	47.0
31-32	0.001246	97,299	121	97,238	4,482,508	46.1
32-33	0.001298	97,178	126	97,115	4,385,270	45.1
33-34	0.001346	97,052	131	96,986	4,288,155	44.2
34-35	0.001430	96,921	139	96,852	4,191,169	43.2
35-36	0.001528	96,782	148	96,708	4,094,317	42.3
36-37	0.001642	96,634	159	96,555	3,997,609	41.4
37-38	0.001781	96,476	172	96,390	3,901,054	40.4
38-39	0.001942	96,304	187	96,211	3,804,664	39.5

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	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	0.002119	96,117	204	96,015	3,708,453	38.6
40-41	0.002299	95,913	221	95,803	3,612,438	37.7
41-42	0.002487	95,693	238	95,574	3,516,635	36.7
42-43	0.002694	95,455	257	95,326	3,421,061	35.8
43-44	0.002930	95,198	279	95,058	3,325,735	34.9
44-45	0.003196	94,919	303	94,767	3,230,677	34.0
45-46	0.003483	94,615	330	94,451	3,135,910	33.1
46-47	0.003784	94,286	357	94,107	3,041,460	32.3
47-48	0.004106	93,929	386	93,736	2,947,352	31.4
48-49	0.004449	93,543	416	93,335	2,853,616	30.5
49-50	0.004814	93,127	448	92,903	2,760,281	29.6
50-51	0.005219	92,679	484	92,437	2,667,378	28.8
51-52	0.005655	92,195	521	91,934	2,574,941	27.9
52-53	0.006094	91,674	559	91,394	2,483,007	27.1
53-54	0.006518	91,115	594	90,818	2,391,612	26.2
54-55	0.006938	90,521	628	90,207	2,300,794	25.4
55-56	0.007371	89,893	663	89,562	2,210,587	24.6
56-57	0.007859	89,231	701	88,880	2,121,025	23.8
57-58	0.008442	88,529	747	88,156	2,032,145	23.0
58-59	0.009172	87,782	805	87,379	1,943,989	22.1
59-60	0.010059	86,977	875	86,539	1,856,609	21.3
60-61	0.011113	86,102	957	85,624	1,770,070	20.6
61-62	0.012281	85,145	1,046	84,622	1,684,446	19.8
62-63	0.013499	84,099	1,135	83,532	1,599,824	19.0
63-64	0.014686	82,964	1,218	82,355	1,516,293	18.3
64-65	0.015862	81,746	1,297	81,097	1,433,938	17.5
65-66	0.017141	80,449	1,379	79,760	1,352,840	16.8
66-67	0.018516	79,070	1,464	78,338	1,273,081	16.1
67-68	0.020117	77,606	1,561	76,825	1,194,743	15.4
68-69	0.021959	76,045	1,670	75,210	1,117,917	14.7
69-70	0.024038	74,375	1,788	73,481	1,042,707	14.0
70-71	0.026312	72,587	1,910	71,632	969,226	13.4
71-72	0.028872	70,677	2,041	69,657	897,594	12.7
72-73	0.031833	68,637	2,185	67,544	827,937	12.1
73-74	0.035209	66,452	2,340	65,282	760,393	11.4
74-75	0.038968	64,112	2,498	62,863	695,111	10.8
75-76	0.043119	61,614	2,657	60,285	632,248	10.3
76-77	0.047583	58,957	2,805	57,554	571,962	9.7
77-78	0.052485	56,152	2,947	54,678	514,408	9.2

Table V. Life table for white males: United States, 2004

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	
78-79	0.057860	53,205	3,078	51,665	459,730	8.6
79-80	0.063749	50,126	3,196	48,528	408,064	8.1
80-81	0.070193	46,931	3,294	45,284	359,536	7.7
81-82	0.077234	43,636	3,370	41,951	314,252	7.2
82-83	0.084917	40,266	3,419	38,557	272,301	6.8
83-84	0.093288	36,847	3,437	35,128	233,744	6.3
84-85	0.102391	33,410	3,421	31,699	198,616	5.9
85-86	0.112272	29,989	3,367	28,305	166,917	5.6
86-87	0.122976	26,622	3,274	24,985	138,612	5.2
87-88	0.134546	23,348	3,141	21,777	113,627	4.9
88-89	0.147022	20,207	2,971	18,721	91,849	4.5
89-90	0.160440	17,236	2,765	15,853	73,128	4.2
90-91	0.174833	14,471	2,530	13,206	57,275	4.0
91-92	0.190223	11,941	2,271	10,805	44,069	3.7
92-93	0.206629	9,669	1,998	8,670	33,265	3.4
93-94	0.224059	7,671	1,719	6,812	24,594	3.2
94-95	0.242510	5,952	1,444	5,231	17,782	3.0
95-96	0.261967	4,509	1,181	3,918	12,552	2.8
96-97	0.282403	3,328	940	2,858	8,633	2.6
97-98	0.303777	2,388	725	2,025	5,776	2.4
98-99	0.326034	1,663	542	1,392	3,750	2.3
99-100	0.349103	1,121	391	925	2,359	2.1
100 and over	1.000000	729	729	1,434	1,434	2.0

Table VI. Life table for white females: United States, 2004

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	
0-1	0.005066	100,000	507	99,555	8,037,428	80.4
1-2	0.000416	99,493	41	99,473	7,937,873	79.8
2-3	0.000231	99,452	23	99,440	7,838,401	78.8
3-4	0.000175	99,429	17	99,420	7,738,960	77.8
4-5	0.000151	99,412	15	99,404	7,639,540	76.8
5-6	0.000133	99,397	13	99,390	7,540,136	75.9
6-7	0.000124	99,383	12	99,377	7,440,746	74.9
7-8	0.000118	99,371	12	99,365	7,341,369	73.9
8-9	0.000109	99,359	11	99,354	7,242,004	72.9
9-10	0.000099	99,349	10	99,344	7,142,650	71.9
10-11	0.000092	99,339	9	99,334	7,043,306	70.9
11-12	0.000096	99,330	10	99,325	6,943,972	69.9
12-13	0.000119	99,320	12	99,314	6,844,647	68.9
13-14	0.000167	99,308	17	99,300	6,745,333	67.9
14-15	0.000233	99,292	23	99,280	6,646,033	66.9
15-16	0.000309	99,268	31	99,253	6,546,753	65.9
16-17	0.000380	99,238	38	99,219	6,447,500	65.0
17-18	0.000431	99,200	43	99,179	6,348,281	64.0
18-19	0.000451	99,157	45	99,135	6,249,102	63.0
19-20	0.000449	99,113	44	99,090	6,149,967	62.1
20-21	0.000442	99,068	44	99,046	6,050,877	61.1
21-22	0.000441	99,024	44	99,003	5,951,830	60.1
22-23	0.000440	98,981	44	98,959	5,852,828	59.1
23-24	0.000443	98,937	44	98,915	5,753,869	58.2
24-25	0.000450	98,893	45	98,871	5,654,953	57.2
25-26	0.000459	98,849	45	98,826	5,556,082	56.2
26-27	0.000469	98,803	46	98,780	5,457,256	55.2
27-28	0.000484	98,757	48	98,733	5,358,476	54.3
28-29	0.000503	98,709	50	98,684	5,259,743	53.3
29-30	0.000527	98,660	52	98,634	5,161,058	52.3
30-31	0.000557	98,608	55	98,580	5,062,425	51.3
31-32	0.000593	98,553	58	98,524	4,963,844	50.4
32-33	0.000641	98,494	63	98,463	4,865,321	49.4
33-34	0.000684	98,431	67	98,398	4,766,858	48.4
34-35	0.000742	98,364	73	98,328	4,668,460	47.5
35-36	0.000806	98,291	79	98,252	4,570,133	46.5
36-37	0.000881	98,212	86	98,169	4,471,881	45.5
37-38	0.000971	98,125	95	98,078	4,373,713	44.6
38-39	0.001077	98,030	106	97,977	4,275,635	43.6

Table VI. Life table for white females: United States, 2004

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	0.001191	97,925	117	97,866	4,177,657	42.7
40-41	0.001305	97,808	128	97,744	4,079,791	41.7
41-42	0.001420	97,680	139	97,611	3,982,047	40.8
42-43	0.001546	97,542	151	97,466	3,884,436	39.8
43-44	0.001690	97,391	165	97,309	3,786,970	38.9
44-45	0.001850	97,226	180	97,136	3,689,661	37.9
45-46	0.002029	97,046	197	96,948	3,592,525	37.0
46-47	0.002214	96,849	214	96,742	3,495,577	36.1
47-48	0.002393	96,635	231	96,519	3,398,835	35.2
48-49	0.002557	96,404	247	96,280	3,302,315	34.3
49-50	0.002718	96,157	261	96,027	3,206,035	33.3
50-51	0.002889	95,896	277	95,757	3,110,008	32.4
51-52	0.003091	95,619	296	95,471	3,014,251	31.5
52-53	0.003337	95,323	318	95,164	2,918,780	30.6
53-54	0.003639	95,005	346	94,832	2,823,615	29.7
54-55	0.003989	94,659	378	94,471	2,728,783	28.8
55-56	0.004374	94,282	412	94,076	2,634,312	27.9
56-57	0.004787	93,870	449	93,645	2,540,237	27.1
57-58	0.005243	93,420	490	93,175	2,446,592	26.2
58-59	0.005756	92,930	535	92,663	2,353,417	25.3
59-60	0.006338	92,396	586	92,103	2,260,754	24.5
60-61	0.007028	91,810	645	91,487	2,168,651	23.6
61-62	0.007803	91,165	711	90,809	2,077,164	22.8
62-63	0.008605	90,453	778	90,064	1,986,355	22.0
63-64	0.009386	89,675	842	89,254	1,896,290	21.1
64-65	0.010170	88,833	903	88,382	1,807,036	20.3
65-66	0.011039	87,930	971	87,445	1,718,655	19.5
66-67	0.011950	86,959	1,039	86,440	1,631,210	18.8
67-68	0.013021	85,920	1,119	85,361	1,544,770	18.0
68-69	0.014259	84,801	1,209	84,197	1,459,410	17.2
69-70	0.015666	83,592	1,310	82,937	1,375,213	16.5
70-71	0.017239	82,283	1,419	81,573	1,292,275	15.7
71-72	0.019032	80,864	1,539	80,095	1,210,702	15.0
72-73	0.021097	79,325	1,674	78,488	1,130,607	14.3
73-74	0.023465	77,652	1,822	76,741	1,052,119	13.5
74-75	0.026156	75,830	1,983	74,838	975,378	12.9
75-76	0.029217	73,846	2,158	72,767	900,540	12.2
76-77	0.032550	71,689	2,333	70,522	827,772	11.5
77-78	0.036250	69,355	2,514	68,098	757,250	10.9

Table VI. Life table for white females: United States, 2004

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	0.040352	66,841	2,697	65,493	689,152	10.3
79-80	0.044898	64,144	2,880	62,704	623,660	9.7
80-81	0.049928	61,264	3,059	59,735	560,956	9.2
81-82	0.055490	58,205	3,230	56,590	501,221	8.6
82-83	0.061631	54,975	3,388	53,281	444,631	8.1
83-84	0.068402	51,587	3,529	49,823	391,350	7.6
84-85	0.075858	48,059	3,646	46,236	341,527	7.1
85-86	0.084052	44,413	3,733	42,546	295,291	6.6
86-87	0.093042	40,680	3,785	38,787	252,745	6.2
87-88	0.102886	36,895	3,796	34,997	213,957	5.8
88-89	0.113641	33,099	3,761	31,218	178,960	5.4
89-90	0.125364	29,338	3,678	27,499	147,742	5.0
90-91	0.138107	25,660	3,544	23,888	120,243	4.7
91-92	0.151920	22,116	3,360	20,436	96,355	4.4
92-93	0.166847	18,756	3,129	17,191	75,919	4.0
93-94	0.182925	15,627	2,859	14,197	58,728	3.8
94-95	0.200180	12,768	2,556	11,490	44,531	3.5
95-96	0.218627	10,212	2,233	9,096	33,040	3.2
96-97	0.238268	7,980	1,901	7,029	23,945	3.0
97-98	0.259088	6,078	1,575	5,291	16,916	2.8
98-99	0.281055	4,503	1,266	3,871	11,625	2.6
99-100	0.304121	3,238	985	2,745	7,754	2.4
100 and over	1.000000	2,253	2,253	5,009	5,009	2.2