

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_2003.pdf

Table V. Life table for white males: United States, 2003

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	0.006366	100,000	637	99,440	7,504,262	75.0
1-2	0.000460	99,363	46	99,341	7,404,821	74.5
2-3	0.000330	99,318	33	99,301	7,305,481	73.6
3-4	0.000263	99,285	26	99,272	7,206,179	72.6
4-5	0.000201	99,259	20	99,249	7,106,908	71.6
5-6	0.000182	99,239	18	99,230	7,007,659	70.6
6-7	0.000169	99,221	17	99,212	6,908,429	69.6
7-8	0.000158	99,204	16	99,196	6,809,217	68.6
8-9	0.000140	99,188	14	99,181	6,710,020	67.6
9-10	0.000117	99,174	12	99,169	6,610,839	66.7
10-11	0.000101	99,163	10	99,158	6,511,670	65.7
11-12	0.000109	99,153	11	99,148	6,412,512	64.7
12-13	0.000161	99,142	16	99,134	6,313,365	63.7
13-14	0.000271	99,126	27	99,113	6,214,231	62.7
14-15	0.000425	99,099	42	99,078	6,115,118	61.7
15-16	0.000596	99,057	59	99,028	6,016,040	60.7
16-17	0.000761	98,998	75	98,961	5,917,012	59.8
17-18	0.000910	98,923	90	98,878	5,818,051	58.8
18-19	0.001029	98,833	102	98,782	5,719,174	57.9
19-20	0.001118	98,731	110	98,676	5,620,392	56.9
20-21	0.001206	98,621	119	98,561	5,521,716	56.0
21-22	0.001289	98,502	127	98,438	5,423,155	55.1
22-23	0.001333	98,375	131	98,309	5,324,716	54.1
23-24	0.001331	98,244	131	98,178	5,226,407	53.2
24-25	0.001295	98,113	127	98,049	5,128,229	52.3
25-26	0.001242	97,986	122	97,925	5,030,179	51.3
26-27	0.001197	97,864	117	97,806	4,932,254	50.4
27-28	0.001170	97,747	114	97,690	4,834,449	49.5
28-29	0.001177	97,633	115	97,575	4,736,759	48.5
29-30	0.001210	97,518	118	97,459	4,639,183	47.6
30-31	0.001254	97,400	122	97,339	4,541,725	46.6
31-32	0.001301	97,278	127	97,214	4,444,386	45.7
32-33	0.001372	97,151	133	97,084	4,347,171	44.7
33-34	0.001423	97,018	138	96,949	4,250,087	43.8
34-35	0.001503	96,880	146	96,807	4,153,138	42.9
35-36	0.001594	96,734	154	96,657	4,056,331	41.9
36-37	0.001703	96,580	164	96,498	3,959,674	41.0
37-38	0.001842	96,415	178	96,327	3,863,177	40.1
38-39	0.002011	96,238	194	96,141	3,766,850	39.1

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	ages x to x+1				lived above	
	q^x	l^x	d^x	L^x	age x	e^x
					T^x	
39-40	0.002200	96,044	211	95,939	3,670,709	38.2
40-41	0.002395	95,833	230	95,718	3,574,770	37.3
41-42	0.002595	95,604	248	95,479	3,479,052	36.4
42-43	0.002811	95,355	268	95,221	3,383,572	35.5
43-44	0.003053	95,087	290	94,942	3,288,351	34.6
44-45	0.003320	94,797	315	94,640	3,193,409	33.7
45-46	0.003613	94,482	341	94,312	3,098,769	32.8
46-47	0.003920	94,141	369	93,957	3,004,457	31.9
47-48	0.004234	93,772	397	93,573	2,910,501	31.0
48-49	0.004551	93,375	425	93,163	2,816,927	30.2
49-50	0.004877	92,950	453	92,723	2,723,765	29.3
50-51	0.005231	92,497	484	92,255	2,631,041	28.4
51-52	0.005623	92,013	517	91,754	2,538,787	27.6
52-53	0.006047	91,496	553	91,219	2,447,032	26.7
53-54	0.006502	90,942	591	90,647	2,355,813	25.9
54-55	0.006993	90,351	632	90,035	2,265,167	25.1
55-56	0.007521	89,719	675	89,382	2,175,132	24.2
56-57	0.008103	89,044	722	88,684	2,085,750	23.4
57-58	0.008764	88,323	774	87,936	1,997,066	22.6
58-59	0.009534	87,549	835	87,131	1,909,131	21.8
59-60	0.010433	86,714	905	86,262	1,821,999	21.0
60-61	0.011494	85,809	986	85,316	1,735,737	20.2
61-62	0.012687	84,823	1,076	84,285	1,650,421	19.5
62-63	0.013942	83,747	1,168	83,163	1,566,136	18.7
63-64	0.015190	82,579	1,254	81,952	1,482,973	18.0
64-65	0.016449	81,325	1,338	80,656	1,401,021	17.2
65-66	0.017808	79,987	1,424	79,275	1,320,365	16.5
66-67	0.019280	78,563	1,515	77,806	1,241,089	15.8
67-68	0.020997	77,048	1,618	76,239	1,163,284	15.1
68-69	0.022967	75,430	1,732	74,564	1,087,044	14.4
69-70	0.025171	73,698	1,855	72,771	1,012,480	13.7
70-71	0.027546	71,843	1,979	70,853	939,710	13.1
71-72	0.030202	69,864	2,110	68,809	868,856	12.4
72-73	0.033279	67,754	2,255	66,627	800,047	11.8
73-74	0.036803	65,499	2,411	64,294	733,421	11.2
74-75	0.040728	63,089	2,569	61,804	669,127	10.6
75-76	0.045048	60,519	2,726	59,156	607,323	10.0
76-77	0.049671	57,793	2,871	56,358	548,167	9.5
77-78	0.054742	54,922	3,007	53,419	491,809	9.0

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	ages x to x+1				lived above	
	q^x	l^x	d^x	L^x	age x	e^x
					T^x	
78-79	0.060298	51,916	3,130	50,350	438,390	8.4
79-80	0.066378	48,785	3,238	47,166	388,040	8.0
80-81	0.073024	45,547	3,326	43,884	340,874	7.5
81-82	0.080278	42,221	3,389	40,526	296,990	7.0
82-83	0.088184	38,832	3,424	37,119	256,463	6.6
83-84	0.096786	35,407	3,427	33,694	219,344	6.2
84-85	0.106130	31,980	3,394	30,283	185,650	5.8
85-86	0.116260	28,586	3,323	26,925	155,367	5.4
86-87	0.127219	25,263	3,214	23,656	128,442	5.1
87-88	0.139049	22,049	3,066	20,516	104,786	4.8
88-89	0.151787	18,983	2,881	17,542	84,270	4.4
89-90	0.165468	16,102	2,664	14,770	66,728	4.1
90-91	0.180120	13,437	2,420	12,227	51,959	3.9
91-92	0.195766	11,017	2,157	9,939	39,731	3.6
92-93	0.212418	8,860	1,882	7,919	29,793	3.4
93-94	0.230081	6,978	1,606	6,175	21,873	3.1
94-95	0.248750	5,373	1,336	4,704	15,698	2.9
95-96	0.268405	4,036	1,083	3,495	10,994	2.7
96-97	0.289015	2,953	853	2,526	7,499	2.5
97-98	0.310537	2,099	652	1,773	4,973	2.4
98-99	0.332911	1,447	482	1,207	3,199	2.2
99-100	0.356064	966	344	794	1,993	2.1
100 and over	1.000000	622	622	1,199	1,199	1.9

Table VI. Life table for white females: United States, 2003

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	0.005052	100,000	505	99,551	8,004,213	80.0
1-2	0.000374	99,495	37	99,476	7,904,663	79.4
2-3	0.000270	99,458	27	99,444	7,805,186	78.5
3-4	0.000199	99,431	20	99,421	7,705,742	77.5
4-5	0.000171	99,411	17	99,402	7,606,322	76.5
5-6	0.000146	99,394	15	99,387	7,506,919	75.5
6-7	0.000131	99,379	13	99,373	7,407,533	74.5
7-8	0.000120	99,366	12	99,360	7,308,160	73.5
8-9	0.000109	99,354	11	99,349	7,208,800	72.6
9-10	0.000099	99,343	10	99,339	7,109,451	71.6
10-11	0.000092	99,334	9	99,329	7,010,112	70.6
11-12	0.000097	99,324	10	99,320	6,910,783	69.6
12-13	0.000119	99,315	12	99,309	6,811,464	68.6
13-14	0.000164	99,303	16	99,295	6,712,155	67.6
14-15	0.000226	99,287	22	99,276	6,612,860	66.6
15-16	0.000298	99,264	30	99,250	6,513,584	65.6
16-17	0.000366	99,235	36	99,217	6,414,334	64.6
17-18	0.000418	99,199	41	99,178	6,315,118	63.7
18-19	0.000445	99,157	44	99,135	6,215,940	62.7
19-20	0.000452	99,113	45	99,091	6,116,805	61.7
20-21	0.000456	99,068	45	99,045	6,017,714	60.7
21-22	0.000464	99,023	46	99,000	5,918,669	59.8
22-23	0.000469	98,977	46	98,954	5,819,669	58.8
23-24	0.000472	98,930	47	98,907	5,720,715	57.8
24-25	0.000474	98,884	47	98,860	5,621,808	56.9
25-26	0.000477	98,837	47	98,813	5,522,948	55.9
26-27	0.000483	98,790	48	98,766	5,424,135	54.9
27-28	0.000494	98,742	49	98,718	5,325,369	53.9
28-29	0.000511	98,693	50	98,668	5,226,651	53.0
29-30	0.000535	98,643	53	98,616	5,127,983	52.0
30-31	0.000563	98,590	55	98,562	5,029,367	51.0
31-32	0.000597	98,535	59	98,505	4,930,804	50.0
32-33	0.000646	98,476	64	98,444	4,832,299	49.1
33-34	0.000693	98,412	68	98,378	4,733,855	48.1
34-35	0.000759	98,344	75	98,307	4,635,477	47.1
35-36	0.000830	98,269	82	98,229	4,537,170	46.2
36-37	0.000910	98,188	89	98,143	4,438,942	45.2
37-38	0.001005	98,098	99	98,049	4,340,799	44.2
38-39	0.001114	98,000	109	97,945	4,242,750	43.3

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	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	0.001232	97,891	121	97,830	4,144,805	42.3
40-41	0.001352	97,770	132	97,704	4,046,974	41.4
41-42	0.001473	97,638	144	97,566	3,949,270	40.4
42-43	0.001597	97,494	156	97,416	3,851,705	39.5
43-44	0.001727	97,338	168	97,254	3,754,288	38.6
44-45	0.001867	97,170	181	97,079	3,657,034	37.6
45-46	0.002021	96,989	196	96,891	3,559,955	36.7
46-47	0.002186	96,793	212	96,687	3,463,064	35.8
47-48	0.002356	96,581	228	96,467	3,366,377	34.9
48-49	0.002530	96,354	244	96,232	3,269,910	33.9
49-50	0.002715	96,110	261	95,979	3,173,678	33.0
50-51	0.002915	95,849	279	95,709	3,077,699	32.1
51-52	0.003144	95,570	300	95,419	2,981,990	31.2
52-53	0.003413	95,269	325	95,107	2,886,570	30.3
53-54	0.003730	94,944	354	94,767	2,791,464	29.4
54-55	0.004093	94,590	387	94,396	2,696,697	28.5
55-56	0.004494	94,203	423	93,991	2,602,301	27.6
56-57	0.004930	93,779	462	93,548	2,508,310	26.7
57-58	0.005410	93,317	505	93,065	2,414,762	25.9
58-59	0.005945	92,812	552	92,536	2,321,697	25.0
59-60	0.006549	92,260	604	91,958	2,229,161	24.2
60-61	0.007263	91,656	666	91,323	2,137,203	23.3
61-62	0.008069	90,990	734	90,623	2,045,879	22.5
62-63	0.008897	90,256	803	89,855	1,955,256	21.7
63-64	0.009697	89,453	867	89,020	1,865,401	20.9
64-65	0.010497	88,586	930	88,121	1,776,382	20.1
65-66	0.011379	87,656	997	87,157	1,688,261	19.3
66-67	0.012304	86,658	1,066	86,125	1,601,104	18.5
67-68	0.013403	85,592	1,147	85,019	1,514,978	17.7
68-69	0.014681	84,445	1,240	83,825	1,429,960	16.9
69-70	0.016134	83,205	1,342	82,534	1,346,135	16.2
70-71	0.017744	81,863	1,453	81,137	1,263,600	15.4
71-72	0.019586	80,410	1,575	79,623	1,182,464	14.7
72-73	0.021740	78,835	1,714	77,978	1,102,841	14.0
73-74	0.024233	77,121	1,869	76,187	1,024,863	13.3
74-75	0.027063	75,253	2,037	74,234	948,676	12.6
75-76	0.030261	73,216	2,216	72,108	874,441	11.9
76-77	0.033735	71,001	2,395	69,803	802,333	11.3
77-78	0.037593	68,605	2,579	67,316	732,530	10.7

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	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	0.041872	66,026	2,765	64,644	665,214	10.1
79-80	0.046616	63,262	2,949	61,787	600,570	9.5
80-81	0.051868	60,313	3,128	58,748	538,783	8.9
81-82	0.057675	57,184	3,298	55,535	480,035	8.4
82-83	0.064089	53,886	3,454	52,159	424,500	7.9
83-84	0.071162	50,433	3,589	48,638	372,340	7.4
84-85	0.078950	46,844	3,698	44,995	323,702	6.9
85-86	0.087510	43,145	3,776	41,258	278,707	6.5
86-87	0.096901	39,370	3,815	37,462	237,450	6.0
87-88	0.107181	35,555	3,811	33,649	199,987	5.6
88-89	0.118408	31,744	3,759	29,865	166,338	5.2
89-90	0.130639	27,985	3,656	26,157	136,473	4.9
90-91	0.143928	24,329	3,502	22,579	110,316	4.5
91-92	0.158322	20,828	3,297	19,179	87,737	4.2
92-93	0.173864	17,530	3,048	16,006	68,558	3.9
93-94	0.190585	14,482	2,760	13,102	52,552	3.6
94-95	0.208509	11,722	2,444	10,500	39,450	3.4
95-96	0.227644	9,278	2,112	8,222	28,950	3.1
96-97	0.247986	7,166	1,777	6,277	20,728	2.9
97-98	0.269510	5,389	1,452	4,663	14,450	2.7
98-99	0.292177	3,937	1,150	3,361	9,787	2.5
99-100	0.315926	2,786	880	2,346	6,426	2.3
100 and over	1.000000	1,906	1,906	4,080	4,080	2.1