

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](http://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](https://www.cdc.gov/nchs/data/dvs/LEWK3_2001.pdf)

Table V. Life table for white males: United States, 2001

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	0.006209	100,000	621	99,455	7,482,571	74.8
1-2	0.000508	99,379	51	99,354	7,383,116	74.3
2-3	0.000358	99,329	36	99,311	7,283,762	73.3
3-4	0.000264	99,293	26	99,280	7,184,451	72.4
4-5	0.000222	99,267	22	99,256	7,085,171	71.4
5-6	0.000185	99,245	18	99,236	6,985,915	70.4
6-7	0.000170	99,226	17	99,218	6,886,680	69.4
7-8	0.000158	99,210	16	99,202	6,787,462	68.4
8-9	0.000139	99,194	14	99,187	6,688,260	67.4
9-10	0.000115	99,180	11	99,174	6,589,073	66.4
10-11	0.000098	99,169	10	99,164	6,489,899	65.4
11-12	0.000106	99,159	10	99,154	6,390,735	64.4
12-13	0.000160	99,149	16	99,141	6,291,581	63.5
13-14	0.000273	99,133	27	99,119	6,192,440	62.5
14-15	0.000429	99,106	43	99,084	6,093,321	61.5
15-16	0.000603	99,063	60	99,033	5,994,237	60.5
16-17	0.000768	99,003	76	98,965	5,895,204	59.5
17-18	0.000914	98,927	90	98,882	5,796,238	58.6
18-19	0.001026	98,837	101	98,786	5,697,356	57.6
19-20	0.001109	98,736	110	98,681	5,598,570	56.7
20-21	0.001193	98,626	118	98,567	5,499,889	55.8
21-22	0.001274	98,508	125	98,446	5,401,322	54.8
22-23	0.001321	98,383	130	98,318	5,302,876	53.9
23-24	0.001325	98,253	130	98,188	5,204,558	53.0
24-25	0.001297	98,123	127	98,059	5,106,370	52.0
25-26	0.001257	97,996	123	97,934	5,008,311	51.1
26-27	0.001225	97,872	120	97,812	4,910,377	50.2
27-28	0.001204	97,752	118	97,694	4,812,565	49.2
28-29	0.001205	97,635	118	97,576	4,714,871	48.3
29-30	0.001225	97,517	119	97,457	4,617,295	47.3
30-31	0.001250	97,398	122	97,337	4,519,838	46.4
31-32	0.001283	97,276	125	97,214	4,422,501	45.5
32-33	0.001349	97,151	131	97,086	4,325,287	44.5
33-34	0.001432	97,020	139	96,951	4,228,202	43.6
34-35	0.001549	96,881	150	96,806	4,131,251	42.6
35-36	0.001678	96,731	162	96,650	4,034,445	41.7
36-37	0.001814	96,569	175	96,481	3,937,795	40.8
37-38	0.001956	96,394	189	96,299	3,841,314	39.9
38-39	0.002103	96,205	202	96,104	3,745,014	38.9

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	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	0.002257	96,003	217	95,894	3,648,910	38.0
40-41	0.002416	95,786	231	95,670	3,553,016	37.1
41-42	0.002589	95,555	247	95,431	3,457,346	36.2
42-43	0.002784	95,307	265	95,175	3,361,915	35.3
43-44	0.003010	95,042	286	94,899	3,266,740	34.4
44-45	0.003267	94,756	310	94,601	3,171,841	33.5
45-46	0.003552	94,446	335	94,279	3,077,240	32.6
46-47	0.003856	94,111	363	93,929	2,982,962	31.7
47-48	0.004172	93,748	391	93,552	2,889,032	30.8
48-49	0.004490	93,357	419	93,147	2,795,480	29.9
49-50	0.004811	92,938	447	92,714	2,702,332	29.1
50-51	0.005150	92,491	476	92,252	2,609,618	28.2
51-52	0.005520	92,014	508	91,760	2,517,366	27.4
52-53	0.005921	91,506	542	91,235	2,425,605	26.5
53-54	0.006370	90,965	579	90,675	2,334,370	25.7
54-55	0.006886	90,385	622	90,074	2,243,695	24.8
55-56	0.007486	89,763	672	89,427	2,153,621	24.0
56-57	0.008170	89,091	728	88,727	2,064,194	23.2
57-58	0.008937	88,363	790	87,968	1,975,468	22.4
58-59	0.009776	87,573	856	87,145	1,887,500	21.6
59-60	0.010694	86,717	927	86,253	1,800,354	20.8
60-61	0.011745	85,790	1,008	85,286	1,714,101	20.0
61-62	0.012948	84,782	1,098	84,233	1,628,815	19.2
62-63	0.014239	83,684	1,192	83,089	1,544,582	18.5
63-64	0.015580	82,493	1,285	81,850	1,461,494	17.7
64-65	0.016980	81,207	1,379	80,518	1,379,643	17.0
65-66	0.018445	79,829	1,472	79,092	1,299,125	16.3
66-67	0.020032	78,356	1,570	77,571	1,220,033	15.6
67-68	0.021898	76,787	1,681	75,946	1,142,462	14.9
68-69	0.024062	75,105	1,807	74,202	1,066,516	14.2
69-70	0.026464	73,298	1,940	72,328	992,314	13.5
70-71	0.029004	71,358	2,070	70,323	919,986	12.9
71-72	0.031769	69,288	2,201	68,188	849,663	12.3
72-73	0.034922	67,087	2,343	65,916	781,475	11.6
73-74	0.038510	64,744	2,493	63,498	715,559	11.1
74-75	0.042506	62,251	2,646	60,928	652,062	10.5
75-76	0.046897	59,605	2,795	58,207	591,134	9.9
76-77	0.051558	56,810	2,929	55,345	532,926	9.4
77-78	0.056653	53,881	3,053	52,355	477,581	8.9

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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	$e^x$
					$T^x$	
78-79	0.062220	50,828	3,163	49,247	425,226	8.4
79-80	0.068294	47,666	3,255	46,038	375,979	7.9
80-81	0.074913	44,411	3,327	42,747	329,941	7.4
81-82	0.082117	41,084	3,374	39,397	287,194	7.0
82-83	0.089947	37,710	3,392	36,014	247,797	6.6
83-84	0.098444	34,318	3,378	32,629	211,783	6.2
84-85	0.107648	30,940	3,331	29,274	179,155	5.8
85-86	0.117600	27,609	3,247	25,986	149,880	5.4
86-87	0.128340	24,362	3,127	22,799	123,895	5.1
87-88	0.139906	21,236	2,971	19,750	101,096	4.8
88-89	0.152331	18,265	2,782	16,873	81,346	4.5
89-90	0.165648	15,482	2,565	14,200	64,472	4.2
90-91	0.179881	12,918	2,324	11,756	50,272	3.9
91-92	0.195052	10,594	2,066	9,561	38,516	3.6
92-93	0.211173	8,528	1,801	7,627	28,955	3.4
93-94	0.228248	6,727	1,535	5,959	21,328	3.2
94-95	0.246273	5,191	1,279	4,552	15,369	3.0
95-96	0.265232	3,913	1,038	3,394	10,817	2.8
96-97	0.285099	2,875	820	2,465	7,423	2.6
97-98	0.305834	2,055	629	1,741	4,957	2.4
98-99	0.327387	1,427	467	1,193	3,216	2.3
99-100	0.349694	960	336	792	2,023	2.1
100 and over	1.000000	624	624	1,231	1,231	2.0

Table VI. Life table for white females: United States, 2001

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	0.005059	100,000	506	99,558	7,991,307	79.9
1-2	0.000426	99,494	42	99,473	7,891,748	79.3
2-3	0.000276	99,452	27	99,438	7,792,276	78.4
3-4	0.000199	99,424	20	99,414	7,692,838	77.4
4-5	0.000167	99,404	17	99,396	7,593,423	76.4
5-6	0.000155	99,388	15	99,380	7,494,027	75.4
6-7	0.000144	99,372	14	99,365	7,394,647	74.4
7-8	0.000134	99,358	13	99,351	7,295,282	73.4
8-9	0.000123	99,345	12	99,339	7,195,930	72.4
9-10	0.000111	99,333	11	99,327	7,096,592	71.4
10-11	0.000102	99,321	10	99,316	6,997,265	70.5
11-12	0.000103	99,311	10	99,306	6,897,948	69.5
12-13	0.000122	99,301	12	99,295	6,798,642	68.5
13-14	0.000166	99,289	16	99,281	6,699,347	67.5
14-15	0.000225	99,273	22	99,261	6,600,066	66.5
15-16	0.000296	99,250	29	99,236	6,500,805	65.5
16-17	0.000361	99,221	36	99,203	6,401,569	64.5
17-18	0.000409	99,185	41	99,165	6,302,366	63.5
18-19	0.000430	99,144	43	99,123	6,203,202	62.6
19-20	0.000429	99,102	43	99,081	6,104,079	61.6
20-21	0.000425	99,059	42	99,038	6,004,998	60.6
21-22	0.000427	99,017	42	98,996	5,905,960	59.6
22-23	0.000429	98,975	42	98,954	5,806,964	58.7
23-24	0.000435	98,932	43	98,911	5,708,010	57.7
24-25	0.000445	98,889	44	98,867	5,609,099	56.7
25-26	0.000459	98,845	45	98,823	5,510,232	55.7
26-27	0.000474	98,800	47	98,777	5,411,409	54.8
27-28	0.000493	98,753	49	98,729	5,312,633	53.8
28-29	0.000514	98,705	51	98,679	5,213,904	52.8
29-30	0.000539	98,654	53	98,627	5,115,225	51.9
30-31	0.000567	98,601	56	98,573	5,016,597	50.9
31-32	0.000602	98,545	59	98,515	4,918,025	49.9
32-33	0.000652	98,485	64	98,453	4,819,510	48.9
33-34	0.000713	98,421	70	98,386	4,721,057	48.0
34-35	0.000789	98,351	78	98,312	4,622,670	47.0
35-36	0.000870	98,274	85	98,231	4,524,358	46.0
36-37	0.000953	98,188	94	98,141	4,426,127	45.1
37-38	0.001042	98,094	102	98,043	4,327,986	44.1
38-39	0.001134	97,992	111	97,937	4,229,943	43.2

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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	0.001230	97,881	120	97,821	4,132,006	42.2
40-41	0.001332	97,761	130	97,696	4,034,185	41.3
41-42	0.001440	97,631	141	97,560	3,936,489	40.3
42-43	0.001552	97,490	151	97,414	3,838,929	39.4
43-44	0.001670	97,339	163	97,257	3,741,515	38.4
44-45	0.001799	97,176	175	97,089	3,644,257	37.5
45-46	0.001940	97,001	188	96,907	3,547,169	36.6
46-47	0.002097	96,813	203	96,712	3,450,261	35.6
47-48	0.002277	96,610	220	96,500	3,353,550	34.7
48-49	0.002479	96,390	239	96,271	3,257,050	33.8
49-50	0.002700	96,151	260	96,021	3,160,779	32.9
50-51	0.002940	95,892	282	95,751	3,064,758	32.0
51-52	0.003198	95,610	306	95,457	2,969,007	31.1
52-53	0.003480	95,304	332	95,138	2,873,550	30.2
53-54	0.003796	94,972	361	94,792	2,778,412	29.3
54-55	0.004158	94,612	393	94,415	2,683,621	28.4
55-56	0.004581	94,218	432	94,002	2,589,206	27.5
56-57	0.005062	93,787	475	93,549	2,495,203	26.6
57-58	0.005588	93,312	521	93,051	2,401,654	25.7
58-59	0.006144	92,790	570	92,505	2,308,603	24.9
59-60	0.006739	92,220	621	91,910	2,216,098	24.0
60-61	0.007425	91,599	680	91,259	2,124,188	23.2
61-62	0.008215	90,919	747	90,545	2,032,929	22.4
62-63	0.009050	90,172	816	89,764	1,942,384	21.5
63-64	0.009900	89,356	885	88,913	1,852,620	20.7
64-65	0.010783	88,471	954	87,994	1,763,707	19.9
65-66	0.011732	87,517	1,027	87,004	1,675,713	19.1
66-67	0.012703	86,490	1,099	85,941	1,588,709	18.4
67-68	0.013847	85,392	1,182	84,800	1,502,768	17.6
68-69	0.015176	84,209	1,278	83,570	1,417,968	16.8
69-70	0.016677	82,931	1,383	82,240	1,334,397	16.1
70-71	0.018316	81,548	1,494	80,801	1,252,158	15.4
71-72	0.020175	80,055	1,615	79,247	1,171,356	14.6
72-73	0.022358	78,440	1,754	77,563	1,092,109	13.9
73-74	0.024894	76,686	1,909	75,731	1,014,547	13.2
74-75	0.027774	74,777	2,077	73,738	938,815	12.6
75-76	0.031010	72,700	2,254	71,573	865,077	11.9
76-77	0.034497	70,446	2,430	69,230	793,504	11.3
77-78	0.038361	68,015	2,609	66,711	724,274	10.6

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	$q^x$	$l^x$	$d^x$	$L^x$	age x	$e^x$
					$T^x$	
78-79	0.042639	65,406	2,789	64,012	657,563	10.1
79-80	0.047370	62,617	2,966	61,134	593,551	9.5
80-81	0.052597	59,651	3,137	58,082	532,417	8.9
81-82	0.058366	56,514	3,298	54,865	474,334	8.4
82-83	0.064724	53,215	3,444	51,493	419,470	7.9
83-84	0.071722	49,771	3,570	47,986	367,977	7.4
84-85	0.079413	46,201	3,669	44,367	319,991	6.9
85-86	0.087850	42,532	3,736	40,664	275,624	6.5
86-87	0.097089	38,796	3,767	36,913	234,960	6.1
87-88	0.107186	35,029	3,755	33,152	198,047	5.7
88-89	0.118195	31,275	3,696	29,426	164,896	5.3
89-90	0.130170	27,578	3,590	25,783	135,469	4.9
90-91	0.143161	23,988	3,434	22,271	109,686	4.6
91-92	0.157214	20,554	3,231	18,938	87,415	4.3
92-93	0.172370	17,323	2,986	15,830	68,476	4.0
93-94	0.188659	14,337	2,705	12,984	52,647	3.7
94-95	0.206104	11,632	2,397	10,433	39,662	3.4
95-96	0.224716	9,235	2,075	8,197	29,229	3.2
96-97	0.244491	7,159	1,750	6,284	21,032	2.9
97-98	0.265410	5,409	1,436	4,691	14,748	2.7
98-99	0.287439	3,973	1,142	3,402	10,057	2.5
99-100	0.310522	2,831	879	2,392	6,654	2.4
100 and over	1.000000	1,952	1,952	4,263	4,263	2.2