

National Center for Health Statistics (NCHS): United States life tables, 2011. In: National Vital Statistics Reports; Vol. 64, No. 11, 2015, p. 35-38, downloaded from: www.cdc.gov (22.11.2016).

Table 14. Life table for non-Hispanic white males: United States, 2011Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/64_11/Table14.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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	0.005524	100,000	552	99,517	7,643,091	76.4
1-2	0.000413	99,448	41	99,427	7,543,575	75.9
2-3	0.000273	99,407	27	99,393	7,444,148	74.9
3-4	0.000229	99,379	23	99,368	7,344,755	73.9
4-5	0.000156	99,357	15	99,349	7,245,387	72.9
5-6	0.000160	99,341	16	99,333	7,146,038	71.9
6-7	0.000146	99,325	14	99,318	7,046,705	70.9
7-8	0.000132	99,311	13	99,304	6,947,387	70.0
8-9	0.000114	99,298	11	99,292	6,848,082	69.0
9-10	0.000095	99,286	9	99,282	6,748,790	68.0
10-11	0.000082	99,277	8	99,273	6,649,509	67.0
11-12	0.000088	99,269	9	99,264	6,550,236	66.0
12-13	0.000125	99,260	12	99,254	6,450,972	65.0
13-14	0.000201	99,248	20	99,238	6,351,718	64.0
14-15	0.000305	99,228	30	99,213	6,252,480	63.0
15-16	0.000414	99,197	41	99,177	6,153,268	62.0
16-17	0.000522	99,156	52	99,130	6,054,091	61.1
17-18	0.000641	99,105	64	99,073	5,954,960	60.1
18-19	0.000773	99,041	77	99,003	5,855,888	59.1
19-20	0.000909	98,964	90	98,920	5,756,885	58.2
20-21	0.001053	98,875	104	98,822	5,657,965	57.2
21-22	0.001185	98,770	117	98,712	5,559,143	56.3
22-23	0.001283	98,653	127	98,590	5,460,431	55.3
23-24	0.001333	98,527	131	98,461	5,361,841	54.4
24-25	0.001349	98,395	133	98,329	5,263,380	53.5
25-26	0.001354	98,263	133	98,196	5,165,051	52.6
26-27	0.001365	98,130	134	98,063	5,066,855	51.6
27-28	0.001379	97,996	135	97,928	4,968,792	50.7
28-29	0.001401	97,860	137	97,792	4,870,864	49.8
29-30	0.001432	97,723	140	97,653	4,773,072	48.8
30-31	0.001467	97,583	143	97,512	4,675,419	47.9
31-32	0.001502	97,440	146	97,367	4,577,907	47.0
32-33	0.001536	97,294	149	97,219	4,480,540	46.1
33-34	0.001570	97,145	153	97,068	4,383,321	45.1
34-35	0.001609	96,992	156	96,914	4,286,252	44.2
35-36	0.001665	96,836	161	96,755	4,189,338	43.3
36-37	0.001742	96,675	168	96,591	4,092,583	42.3
37-38	0.001829	96,506	177	96,418	3,995,992	41.4
38-39	0.001921	96,330	185	96,237	3,899,574	40.5
39-40	0.002023	96,145	195	96,047	3,803,337	39.6
40-41	0.002135	95,950	205	95,848	3,707,290	38.6
41-42	0.002273	95,745	218	95,637	3,611,442	37.7
42-43	0.002459	95,528	235	95,410	3,515,805	36.8
43-44	0.002703	95,293	258	95,164	3,420,395	35.9
44-45	0.002997	95,035	285	94,893	3,325,231	35.0
45-46	0.003309	94,750	313	94,594	3,230,338	34.1
46-47	0.003631	94,437	343	94,266	3,135,744	33.2
47-48	0.003984	94,094	375	93,907	3,041,479	32.3
48-49	0.004366	93,719	409	93,515	2,947,572	31.5
49-50	0.004768	93,310	445	93,088	2,854,058	30.6
50-51	0.005179	92,865	481	92,625	2,760,970	29.7
51-52	0.005596	92,384	517	92,126	2,668,345	28.9
52-53	0.006034	91,867	554	91,590	2,576,220	28.0
53-54	0.006508	91,313	594	91,016	2,484,630	27.2
54-55	0.007026	90,719	637	90,400	2,393,614	26.4
55-56	0.007591	90,081	684	89,739	2,303,214	25.6
56-57	0.008191	89,397	732	89,031	2,213,475	24.8
57-58	0.008812	88,665	781	88,274	2,124,444	24.0
58-59	0.009425	87,884	828	87,470	2,036,169	23.2
59-60	0.010028	87,056	873	86,619	1,948,700	22.4
60-61	0.010645	86,183	917	85,724	1,862,081	21.6

See footnotes at end of table.

Table 14. Life table for non-Hispanic white males: United States, 2011—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/64_11/Table14.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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
61-62	0.011305	85,265	964	84,783	1,776,357	20.8
62-63	0.012031	84,301	1,014	83,794	1,691,574	20.1
63-64	0.012880	83,287	1,073	82,751	1,607,780	19.3
64-65	0.013896	82,214	1,142	81,643	1,525,029	18.5
65-66	0.015110	81,072	1,225	80,459	1,443,386	17.8
66-67	0.016503	79,847	1,318	79,188	1,362,927	17.1
67-68	0.018045	78,529	1,417	77,821	1,283,739	16.3
68-69	0.019623	77,112	1,513	76,355	1,205,919	15.6
69-70	0.021262	75,599	1,607	74,795	1,129,563	14.9
70-71	0.023146	73,991	1,713	73,135	1,054,768	14.3
71-72	0.025278	72,279	1,827	71,365	981,633	13.6
72-73	0.027630	70,452	1,947	69,478	910,268	12.9
73-74	0.030219	68,505	2,070	67,470	840,789	12.3
74-75	0.033126	66,435	2,201	65,335	773,319	11.6
75-76	0.036255	64,234	2,329	63,070	707,985	11.0
76-77	0.039716	61,905	2,459	60,676	644,915	10.4
77-78	0.043757	59,447	2,601	58,146	584,239	9.8
78-79	0.048405	56,845	2,752	55,470	526,093	9.3
79-80	0.053785	54,094	2,909	52,639	470,623	8.7
80-81	0.059839	51,184	3,063	49,653	417,984	8.2
81-82	0.066176	48,122	3,184	46,529	368,331	7.7
82-83	0.073348	44,937	3,296	43,289	321,802	7.2
83-84	0.081302	41,641	3,385	39,948	278,513	6.7
84-85	0.090236	38,256	3,452	36,530	238,565	6.2
85-86	0.100743	34,804	3,506	33,050	202,035	5.8
86-87	0.112235	31,297	3,513	29,541	168,985	5.4
87-88	0.124750	27,785	3,466	26,052	139,444	5.0
88-89	0.138311	24,319	3,364	22,637	113,392	4.7
89-90	0.152931	20,955	3,205	19,353	90,755	4.3
90-91	0.168603	17,750	2,993	16,254	71,402	4.0
91-92	0.185302	14,758	2,735	13,390	55,149	3.7
92-93	0.202980	12,023	2,440	10,803	41,758	3.5
93-94	0.221569	9,583	2,123	8,521	30,955	3.2
94-95	0.240976	7,459	1,798	6,561	22,435	3.0
95-96	0.261085	5,662	1,478	4,923	15,874	2.8
96-97	0.281762	4,184	1,179	3,594	10,951	2.6
97-98	0.302853	3,005	910	2,550	7,357	2.4
98-99	0.324194	2,095	679	1,755	4,807	2.3
99-100	0.345609	1,416	489	1,171	3,052	2.2
100 and over	1.000000	926	926	1,881	1,881	2.0

NOTE: This life table is based on death rates that have been adjusted for race and ethnicity misclassification on death certificates.
SOURCE: CDC/NCHS, National Vital Statistics System.

Table 15. Life table for non-Hispanic white females: United States, 2011Spreadsheet version available from: http://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/64_11/Table15.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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	0.004585	100,000	458	99,596	8,107,151	81.1
1-2	0.000338	99,542	34	99,525	8,007,555	80.4
2-3	0.000195	99,508	19	99,498	7,908,030	79.5
3-4	0.000168	99,489	17	99,480	7,808,532	78.5
4-5	0.000148	99,472	15	99,464	7,709,052	77.5
5-6	0.000124	99,457	12	99,451	7,609,587	76.5
6-7	0.000112	99,445	11	99,439	7,510,136	75.5
7-8	0.000102	99,434	10	99,429	7,410,697	74.5
8-9	0.000092	99,424	9	99,419	7,311,269	73.5
9-10	0.000083	99,414	8	99,410	7,211,850	72.5
10-11	0.000077	99,406	8	99,402	7,112,439	71.5
11-12	0.000080	99,398	8	99,394	7,013,037	70.6
12-13	0.000095	99,391	9	99,386	6,913,643	69.6
13-14	0.000127	99,381	13	99,375	6,814,257	68.6
14-15	0.000170	99,368	17	99,360	6,714,882	67.6
15-16	0.000218	99,352	22	99,341	6,615,522	66.6
16-17	0.000265	99,330	26	99,317	6,516,181	65.6
17-18	0.000307	99,304	31	99,288	6,416,865	64.6
18-19	0.000343	99,273	34	99,256	6,317,576	63.6
19-20	0.000373	99,239	37	99,220	6,218,320	62.7
20-21	0.000403	99,202	40	99,182	6,119,100	61.7
21-22	0.000435	99,162	43	99,140	6,019,918	60.7
22-23	0.000464	99,119	46	99,096	5,920,777	59.7
23-24	0.000490	99,073	49	99,049	5,821,682	58.8
24-25	0.000516	99,024	51	98,999	5,722,633	57.8
25-26	0.000542	98,973	54	98,946	5,623,634	56.8
26-27	0.000570	98,920	56	98,891	5,524,688	55.9
27-28	0.000602	98,863	60	98,833	5,425,796	54.9
28-29	0.000640	98,804	63	98,772	5,326,963	53.9
29-30	0.000681	98,740	67	98,707	5,228,191	52.9
30-31	0.000731	98,673	72	98,637	5,129,484	52.0
31-32	0.000783	98,601	77	98,562	5,030,847	51.0
32-33	0.000828	98,524	82	98,483	4,932,284	50.1
33-34	0.000864	98,442	85	98,400	4,833,801	49.1
34-35	0.000895	98,357	88	98,313	4,735,402	48.1
35-36	0.000935	98,269	92	98,223	4,637,088	47.2
36-37	0.000991	98,177	97	98,129	4,538,865	46.2
37-38	0.001060	98,080	104	98,028	4,440,736	45.3
38-39	0.001143	97,976	112	97,920	4,342,708	44.3
39-40	0.001237	97,864	121	97,804	4,244,788	43.4
40-41	0.001337	97,743	131	97,678	4,146,985	42.4
41-42	0.001446	97,612	141	97,542	4,049,307	41.5
42-43	0.001577	97,471	154	97,394	3,951,765	40.5
43-44	0.001733	97,317	169	97,233	3,854,371	39.6
44-45	0.001912	97,149	186	97,056	3,757,138	38.7
45-46	0.002095	96,963	203	96,861	3,660,082	37.7
46-47	0.002284	96,760	221	96,649	3,563,221	36.8
47-48	0.002495	96,539	241	96,418	3,466,571	35.9
48-49	0.002727	96,298	263	96,167	3,370,153	35.0
49-50	0.002974	96,035	286	95,893	3,273,986	34.1
50-51	0.003234	95,750	310	95,595	3,178,094	33.2
51-52	0.003494	95,440	333	95,273	3,082,499	32.3
52-53	0.003739	95,107	356	94,929	2,987,226	31.4
53-54	0.003971	94,751	376	94,563	2,892,297	30.5
54-55	0.004205	94,375	397	94,176	2,797,734	29.6
55-56	0.004455	93,978	419	93,769	2,703,558	28.8
56-57	0.004742	93,559	444	93,337	2,609,789	27.9
57-58	0.005088	93,116	474	92,879	2,516,452	27.0
58-59	0.005499	92,642	509	92,387	2,423,573	26.2
59-60	0.005960	92,132	549	91,858	2,331,186	25.3
60-61	0.006450	91,583	591	91,288	2,239,328	24.5

See footnotes at end of table.

Table 15. Life table for non-Hispanic white females: United States, 2011—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/64_11/Table15.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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
61–62	0.006967	90,993	634	90,676	2,148,040	23.6
62–63	0.007533	90,359	681	90,018	2,057,365	22.8
63–64	0.008183	89,678	734	89,311	1,967,346	21.9
64–65	0.008949	88,944	796	88,546	1,878,036	21.1
65–66	0.009881	88,148	871	87,713	1,789,489	20.3
66–67	0.010952	87,277	956	86,799	1,701,777	19.5
67–68	0.012094	86,321	1,044	85,799	1,614,978	18.7
68–69	0.013230	85,277	1,128	84,713	1,529,178	17.9
69–70	0.014396	84,149	1,211	83,543	1,444,465	17.2
70–71	0.015704	82,938	1,302	82,286	1,360,922	16.4
71–72	0.017228	81,635	1,406	80,932	1,278,635	15.7
72–73	0.018967	80,229	1,522	79,468	1,197,703	14.9
73–74	0.020926	78,707	1,647	77,884	1,118,235	14.2
74–75	0.023102	77,060	1,780	76,170	1,040,352	13.5
75–76	0.025499	75,280	1,920	74,320	964,182	12.8
76–77	0.028263	73,360	2,073	72,324	889,862	12.1
77–78	0.031432	71,287	2,241	70,166	817,538	11.5
78–79	0.035011	69,046	2,417	67,837	747,372	10.8
79–80	0.039005	66,629	2,599	65,329	679,534	10.2
80–81	0.043303	64,030	2,773	62,644	614,205	9.6
81–82	0.047997	61,257	2,940	59,787	551,561	9.0
82–83	0.053399	58,317	3,114	56,760	491,774	8.4
83–84	0.059703	55,203	3,296	53,555	435,014	7.9
84–85	0.067376	51,907	3,497	50,159	381,459	7.3
85–86	0.075630	48,410	3,661	46,579	331,300	6.8
86–87	0.085201	44,749	3,813	42,842	284,721	6.4
87–88	0.095787	40,936	3,921	38,976	241,879	5.9
88–89	0.107445	37,015	3,977	35,026	202,903	5.5
89–90	0.120224	33,038	3,972	31,052	167,877	5.1
90–91	0.134158	29,066	3,899	27,116	136,825	4.7
91–92	0.149265	25,166	3,756	23,288	109,709	4.4
92–93	0.165545	21,410	3,544	19,638	86,421	4.0
93–94	0.182973	17,866	3,269	16,231	66,783	3.7
94–95	0.201498	14,597	2,941	13,126	50,552	3.5
95–96	0.221041	11,656	2,576	10,367	37,425	3.2
96–97	0.241495	9,079	2,193	7,983	27,058	3.0
97–98	0.262727	6,887	1,809	5,982	19,075	2.8
98–99	0.284575	5,077	1,445	4,355	13,093	2.6
99–100	0.306860	3,632	1,115	3,075	8,738	2.4
100 and over	1.000000	2,518	2,518	5,663	5,663	2.2

NOTE: This life table is based on death rates that have been adjusted for race and ethnicity misclassification on death certificates.
SOURCE: CDC/NCHS, National Vital Statistics System.