National Vital Statistics Reports; Vol. 58, No. 10, 2010, p. 13-18, downloaded from http://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_21.pdf, 23.05.2011.

Click here for spreadsheet version

Table 4. Life table for the white population: United States, 2006

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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	0.005577	100,000	558	99,510	7,815,546	78.2
1–2	0.000394	99,442	39	99,423	7,716,036	77.6
2–3	0.000265	99,403	26	99,390	7,616,613	76.6
3–4	0.000199	99,377	20	99,367	7,517,223	75.6
4–5	0.000165	99,357	16	99,349	7,417,856	74.7
5–6	0.000153	99,341	15	99,333	7,318,507	73.7
6–7	0.000143	99,325	14	99,318	7,219,174	72.7
7–8	0.000132	99,311	13	99,305	7,119,856	71.7
8–9	0.000116	99,298	12	99,292	7,020,551	70.7
9–10	0.000096	99,287	10	99,282	6,921,259	69.7
10–11	0.000080	99,277	8	99,273	6,821,977	68.7
11–12	0.000082	99,269	8	99,265	6,722,704	67.7
12–13	0.000118	99,261	12	99,255	6,623,439	66.7
13–14	0.000195	99,249	19	99,240	6,524,184	65.7
14–15	0.000301	99,230	30	99,215	6,424,944	64.7
15–16	0.000416	99,200	41	99,179	6,325,730	63.8
16–17	0.000523	99,159	52	99,133	6,226,550	62.8
17–18	0.000622	99,107	62	99,076	6,127,417	61.8
18–19	0.000709	99,045	70	99,010	6,028,341	60.9
19–20	0.000783	98,975	77	98,936	5,929,331	59.9
20–21	0.000860	98,898	85	98,855	5,830,395	59.0
21–22	0.000933	98,813	92	98,766	5,731,540	58.0
22–23	0.000979	98,720	97	98,672	5,632,773	57.1
23–24	0.000990	98,624	98	98,575	5,534,101	56.1
24–25	0.000976	98,526	96	98,478	5,435,526	55.2
25–26	0.000953	98,430	94	98,383	5,337,048	54.2
26–27	0.000935	98,336	92	98,290	5,238,665	53.3
27–28	0.000924	98,244	91	98,199	5,140,374	52.3
28–29	0.000926	98,153	91	98,108	5,042,176	51.4
29–30	0.000940	98,063	92	98,017	4,944,068	50.4
30–31	0.000961	97,970	94	97,923	4,846,051	49.5
31–32	0.000988	97,876	97	97,828	4,748,128	48.5
32–33	0.001027	97,780	100	97,729	4,650,300	47.6
33–34	0.001067	97,679	104	97,627	4,552,570	46.6
34–35	0.001119	97,575	109	97,520	4,454,943	45.7
35–36	0.001178	97,466	115	97,408	4,357,423	44.7
36–37	0.001252	97,351	122	97,290	4,260,015	43.8
37–38	0.001347	97,229	131	97,164	4,162,724	42.8
38–39	0.001470	97,098	143	97,027	4,065,561	41.9
39–40	0.001616	96,955	157	96,877	3,968,534	40.9
40–41	0.001773	96,799	172	96,713	3,871,657	40.0
41–42	0.001937	96,627	187	96,534	3,774,944	39.1
42–43	0.002117	96,440	204	96,338	3,678,411	38.1
43–44	0.002314	96,236	223	96,124	3,582,073	37.2
44–45	0.002524	96,013	242	95,892	3,485,948	36.3
45–46	0.002745	95,771	263	95,639	3,390,057	35.4
46–47	0.002974	95,508	284	95,366	3,294,417	34.5
47–48	0.003216	95,224	306	95,071	3,199,052	33.6
48–49	0.003478	94,918	330	94,753	3,103,981	32.7
49–50	0.003766	94,587	356	94,409	3,009,228	31.8
50–51	0.004083	94,231	385	94,039	2,914,819	30.9
51–52	0.004427	93,846	415	93,639	2,820,780	30.1
52–53	0.004789	93,431	447	93,207	2,727,141	29.2
53–54	0.005159	92,984	480	92,744	2,633,934	28.3
54–55	0.005532	92,504	512	92,248	2,541,190	27.5
55–56	0.005915	91,992	544	91,720	2,448,942	26.6
56–57	0.006327	91,448	579	91,159	2,357,222	25.8
57–58	0.006793	90,869	617	90,561	2,266,064	24.9
58–59	0.007351	90,252	663	89,920	2,175,503	24.1
59–60	0.008024	89,589	719	89,229	2,085,583	23.3
60–61	0.008838	88,870	785	88,477	1,996,353	22.5
61–62	0.009758	88,084	860	87,655	1,907,876	21.7
62–63	0.010721	87,225	935	86,757	1,820,222	20.9
63–64	0.011644	86,290	1,005	85,787	1,733,464	20.1
64–65	0.012532	85,285	1,069	84,751	1,647,677	19.3
65–66	0.013499	84,216	1,137	83,648	1,562,926	18.6
66–67	0.014505	83,079	1,205	82,477	1,479,279	17.8

Table 4. Life table for the white population: United States, 2006—Con.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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
67–68	0.015683	81,874	1,284	81,232	1,396,802	17.1
68–69	0.017058	80,590	1,375	79,903	1,315,570	16.3
69–70	0.018645	79,215	1,477	78,477	1,235,667	15.6
70–71	0.020428	77,739	1,588	76,944	1,157,190	14.9
71–72	0.022466	76,150	1,711	75,295	1,080,245	14.2
72–73	0.024824	74,440	1,848	73,516	1,004,950	13.5
73–74	0.027512	72,592	1,997	71,593	931,435	12.8
74–75	0.030528	70,595	2,155	69,517	859,841	12.2
75–76	0.033904	68,440	2,320	67,279	790,324	11.5
76–77	0.037564	66,119	2,484	64,877	723,045	10.9
77–78	0.041602	63,635	2,647	62,312	658,168	10.3
78–79	0.046053	60,988	2,809	59,584	595,856	9.8
79–80	0.050955	58,179	2,965	56,697	536,272	9.2
80–81	0.056348	55,215	3,111	53,659	479,575	8.7
81–82	0.062274	52,104	3,245	50,481	425,915	8.2
82–83	0.068778	48,859	3,360	47,179	375,434	7.7
83–84	0.075906	45,499	3,454	43,772	328,255	7.2
84–85	0.083707	42,045	3,519	40,285	284,483	6.8
85–86	0.092229	38,526	3,553	36,749	244,198	6.3
86–87	0.101523	34,972	3,551	33,197	207,449	5.9
87–88	0.111639	31,422	3,508	29,668	174,252	5.5
88–89	0.122624	27,914	3,423	26,203	144,584	5.2
89–90	0.134527	24,491	3,295	22,844	118,381	4.8
90–91	0.147391	21,196	3,124	19,634	95,538	4.5
91–92	0.161257	18,072	2,914	16,615	75,903	4.2
92–93	0.176157	15,158	2,670	13,823	59,288	3.9
93–94	0.192118	12,488	2,399	11,288	45,466	3.6
94–95	0.209159	10,089	2,110	9,034	34,177	3.4
95–96	0.227285	7,979	1,813	7,072	25,144	3.2
96–97	0.246493	6,165	1,520	5,405	18,072	2.9
97–98	0.266764	4,645	1,239	4,026	12,667	2.7
98–99	0.288065	3,406	981	2,916	8,641	2.5
99–100	0.310347	2,425	753	2,049	5,725	2.4
100 and over	1.00000	1,672	1,672	3,677	3,677	2.2

Click here for spreadsheet version

Table 5. Life table for white males: United States, 2006

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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	0.006119	100,000	612	99,462	7,566,361	75.7
1–2	0.000398	99,388	40	99,368	7,466,899	75.1
2–3	0.000296	99,349	29	99,334	7,367,531	74.2
3–4	0.000227	99,319	22	99,308	7,268,197	73.2
4–5	0.000182	99,297	18	99,288	7,168,889	72.2
5–6	0.000171	99,279	17	99,270	7,069,601	71.2
6–7	0.000161	99,262	16	99,254	6,970,331	70.2
7–8	0.000148	99,246	15	99,238	6,871,078	69.2
8–9	0.000127	99,231	13	99,225	6,771,839	68.2
9–10	0.000100	99,218	10	99,213	6,672,615	67.3
10–11	0.000079	99,208	8	99,205	6,573,401	66.3
11–12	0.000082	99,201	8	99,197	6,474,197	65.3
12–13	0.000132	99,192	13	99,186	6,375,000	64.3
13–14	0.000240	99,179	24	99,167	6,275,814	63.3
14–15	0.000390	99,155	39	99,136	6,176,647	62.3
15–16	0.000549	99,117	54	99,090	6,077,511	61.3
16–17	0.000699	99,062	69	99,028	5,978,421	60.4
17–18	0.000846	98,993	84	98,951	5,879,393	59.4
18–19	0.000986	98,909	98	98,861	5,780,442	58.4
19–20	0.001115	98,812	110	98,757	5,681,581	57.5
20–21	0.001250	98,702	123	98,640	5,582,824	56.6
21–22	0.001374	98,578	135	98,511	5,484,184	55.6
22–23	0.001449	98,443	143	98,372	5,385,674	54.7
23–24	0.001462	98,300	144	98,229	5,287,302	53.8
24–25	0.001428	98,157	140	98,087	5,189,073	52.9
25–26	0.001377	98,017	135	97,949	5,090,987	51.9
26–27	0.001335	97,882	131	97,816	4,993,038	51.0
27–28	0.001304	97,751	127	97,687	4,895,221	50.1
28–29	0.001294	97,624	126	97,560	4,797,534	49.1
29–30	0.001303	97,497	127	97,434	4,699,974	48.2
30–31	0.001322	97,370	129	97,306	4,602,540	47.3
31–32	0.001345	97,241	131	97,176	4,505,234	46.3
32–33	0.001382	97,111	134	97,044	4,408,058	45.4
33–34	0.001417	96,976	137	96,908	4,311,015	44.5
34–35	0.001469	96,839	142	96,768	4,214,107	43.5
35–36	0.001530	96,697	148	96,623	4,117,339	42.6
36–37	0.001610	96,549	155	96,471	4,020,716	41.6
37–38	0.001721	96,393	166	96,311	3,924,245	40.7
38–39	0.001868	96,228	180	96,138	3,827,934	39.8
39–40	0.002046	96,048	197	95,950	3,731,796	38.9
40–41	0.002241	95,851	215	95,744	3,635,847	37.9
41–42	0.002445	95,637	234	95,520	3,540,103	37.0
42–43	0.002670	95,403	255	95,275	3,444,583	36.1
43–44	0.002915	95,148	277	95,009	3,349,308	35.2
44–45	0.003177	94,871	301	94,720	3,254,298	34.3
45–46	0.003449	94,569	326	94,406	3,159,578	33.4
46–47	0.003735	94,243	352	94,067	3,065,172	32.5
47–48	0.004045	93,891	380	93,701	2,971,105	31.6
48–49	0.004393	93,511	411	93,306	2,877,404	30.8
49–50	0.004782	93,101	445	92,878	2,784,098	29.9
50–51	0.005211	92,655	483	92,414	2,691,220	29.0
51–52	0.005668	92,173	522	91,911	2,598,806	28.2
52–53	0.006137	91,650	562	91,369	2,506,895	27.4
53–54	0.006593	91,088	601	90,787	2,415,526	26.5
54–55	0.007037	90,487	637	90,169	2,324,738	25.7
55–56	0.007487	89,850	673	89,514	2,234,569	24.9
56–57	0.007974	89,178	711	88,822	2,145,055	24.1
57–58	0.008521	88,467	754	88,090	2,056,233	23.2
58–59	0.009179	87,713	805	87,310	1,968,143	22.4
59–60	0.009973	86,908	867	86,474	1,880,833	21.6
60–61	0.010930	86,041	940	85,571	1,794,359	20.9
61–62	0.012013	85,100	1,022	84,589	1,708,788	20.1
62–63	0.013165	84,078	1,107	83,525	1,624,199	19.3
63–64	0.014293	82,971	1,186	82,378	1,540,674	18.6
64–65	0.015396	81,785	1,259	81,156	1,458,296	17.8
65–66	0.016596	80,526	1,336	79,858	1,377,140	17.1
66–67	0.017847	79,190	1,413	78,483	1,297,282	16.4

Table 5. Life table for white males: United States, 2006—Con.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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
67–68	0.019290	77,777	1,500	77,026	1,218,799	15.7
68–69	0.020954	76,276	1,598	75,477	1,141,772	15.0
69–70	0.022866	74,678	1,708	73,824	1,066,295	14.3
70–71	0.025004	72,970	1,825	72,058	992,471	13.6
71–72	0.027456	71,146	1,953	70,169	920,413	12.9
72–73	0.030320	69,192	2,098	68,143	850,244	12.3
73–74	0.033597	67,095	2,254	65,967	782,101	11.7
74–75	0.037249	64,840	2,415	63,633	716,133	11.0
75–76	0.041289	62,425	2,577	61,136	652,501	10.5
76–77	0.045637	59,848	2,731	58,482	591,364	9.9
77–78	0.050419	57,116	2,880	55,676	532,882	9.3
78–79	0.055672	54,237	3,019	52,727	477,206	8.8
79–80	0.061438	51,217	3,147	49,644	424,479	8.3
80–81	0.067757	48,070	3,257	46,442	374,835	7.8
81–82	0.074675	44,813	3,346	43,140	328,393	7.3
82–83	0.082238	41,467	3,410	39,762	285,253	6.9
83–84	0.090491	38,057	3,444	36,335	245,491	6.5
84–85	0.099482	34,613	3,443	32,891	209,156	6.0
85–86	0.109259	31,170	3,406	29,467	176,265	5.7
86–87	0.119870	27,764	3,328	26,100	146,798	5.3
87–88	0.131359	24,436	3,210	22,831	120,698	4.9
88–89	0.143769	21,226	3,052	19,700	97,867	4.6
89–90	0.157140	18,174	2,856	16,746	78,167	4.3
90–91	0.171505	15,318	2,627	14,005	61,421	4.0
91–92	0.186892	12,691	2,372	11,505	47,416	3.7
92–93	0.203321	10,319	2,098	9,270	35,910	3.5
93–94	0.220802	8,221	1,815	7,314	26,640	3.2
94–95	0.239334	6,406	1,533	5,639	19,326	3.0
95–96	0.258905	4,873	1,262	4,242	13,687	2.8
96–97	0.279489	3,611	1,009	3,107	9,445	2.6
97–98	0.301044	2,602	783	2,210	6,338	2.4
98–99	0.323515	1,819	588	1,524	4,128	2.3
99–100	0.346831	1,230	427	1,017	2,604	2.1
100 and over	1.00000	804	804	1,587	1,587	2.0

Click here for spreadsheet version

Table 6. Life table for white females: United States, 2006

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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	0.005007	100,000	501	99,560	8,058,411	80.6
1–2	0.000390	99,499	39	99,480	7,958,851	80.0
2–3	0.000234	99,461	23	99,449	7,859,371	79.0
3–4	0.000170	99,437	17	99,429	7,759,922	78.0
4–5	0.000148	99,420	15	99,413	7,660,493	77.1
5–6	0.000134	99,406	13	99,399	7,561,080	76.1
6–7	0.000124	99,392	12	99,386	7,461,681	75.1
7–8	0.000115	99,380	11	99,374	7,362,295	74.1
8–9	0.000104	99,369	10	99,363	7,262,921	73.1
9–10	0.000091	99,358	9	99,354	7,163,558	72.1
10–11	0.000081	99,349	8	99,345	7,064,204	71.1
11–12	0.000082	99,341	8	99,337	6,964,859	70.1
12–13	0.000103	99,333	10	99,328	6,865,522	69.1
13–14	0.000147	99,323	15	99,315	6,766,194	68.1
14–15	0.000208	99,308	21	99,298	6,666,878	67.1
15–16	0.000276	99,288	27	99,274	6,567,581	66.1
16–17	0.000338	99,260	33	99,243	6,468,307	65.2
17–18	0.000386	99,227	38	99,208	6,369,063	64.2
18–19	0.000415	99,188	41	99,168	6,269,856	63.2
19–20	0.000429	99,147	43	99,126	6,170,688	62.2
20–21	0.000441	99,105	44	99,083	6,071,562	61.3
21–22	0.000456	99,061	45	99,038	5,972,479	60.3
22–23	0.000469	99,016	46	98,993	5,873,441	59.3
23–24	0.000479	98,969	47	98,946	5,774,449	58.3
24–25	0.000487	98,922	48	98,898	5,675,503	57.4
25–26	0.000497	98,874	49	98,849	5,576,605	56.4
26–27	0.000507	98,825	50	98,800	5,477,756	55.4
27–28	0.000519	98,775	51	98,749	5,378,956	54.5
28–29	0.000534	98,723	53	98,697	5,280,207	53.5
29–30	0.000553	98,671	55	98,643	5,181,510	52.5
30–31	0.000578	98,616	57	98,588	5,082,867	51.5
31–32	0.000611	98,559	60	98,529	4,984,280	50.6
32–33	0.000653	98,499	64	98,467	4,885,751	49.6
33–34	0.000699	98,434	69	98,400	4,787,284	48.6
34–35	0.000753	98,366	74	98,329	4,688,884	47.7
35–36	0.000811	98,292	80	98,252	4,590,555	46.7
36–37	0.000878	98,212	86	98,169	4,492,303	45.7
37–38	0.000960	98,126	94	98,079	4,394,135	44.8
38–39	0.001059	98,031	104	97,980	4,296,056	43.8
39–40	0.001174	97,928	115	97,870	4,198,077	42.9
40–41	0.001294	97,813	127	97,749	4,100,206	41.9
41–42	0.001419	97,686	139	97,617	4,002,457	41.0
42–43	0.001556	97,548	152	97,472	3,904,840	40.0
43–44	0.001706	97,396	166	97,313	3,807,368	39.1
44–45	0.001867	97,230	181	97,139	3,710,056	38.2
45–46	0.002037	97,048	198	96,949	3,612,917	37.2
46–47	0.002211	96,850	214	96,743	3,515,967	36.3
47–48	0.002388	96,636	231	96,521	3,419,224	35.4
48–49	0.002567	96,406	248	96,282	3,322,703	34.5
49–50	0.002759	96,158	265	96,025	3,226,421	33.6
50–51	0.002968	95,893	285	95,751	3,130,396	32.6
51–52	0.003203	95,608	306	95,455	3,034,645	31.7
52–53	0.003466	95,302	330	95,137	2,939,190	30.8
53–54	0.003754	94,972	357	94,793	2,844,053	29.9
54–55	0.004063	94,615	384	94,423	2,749,260	29.1
55–56	0.004386	94,231	413	94,024	2,654,837	28.2
56–57	0.004731	93,817	444	93,596	2,560,813	27.3
57–58	0.005124	93,374	478	93,134	2,467,217	26.4
58–59	0.005595	92,895	520	92,635	2,374,083	25.6
59–60	0.006162	92,376	569	92,091	2,281,447	24.7
60–61	0.006854	91,806	629	91,492	2,189,357	23.8
61–62	0.007637	91,177	696	90,829	2,097,865	23.0
62–63	0.008442	90,481	764	90,099	2,007,036	22.2
63–64	0.009192	89,717	825	89,305	1,916,937	21.4
64–65	0.009901	88,892	880	88,452	1,827,632	20.6
65–66	0.010676	88,012	940	87,542	1,739,180	19.8
66–67	0.011489	87,073	1,000	86,572	1,651,637	19.0

Table 6. Life table for white females: United States, 2006—Con.

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	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
67–68	0.012467	86,072	1,073	85,536	1,565,065	18.2
68–69	0.013631	84,999	1,159	84,420	1,479,529	17.4
69–70	0.014990	83,841	1,257	83,212	1,395,109	16.6
70–71	0.016534	82,584	1,365	81,901	1,311,897	15.9
71–72	0.018297	81,218	1,486	80,475	1,229,996	15.1
72–73	0.020323	79,732	1,620	78,922	1,149,521	14.4
73–74	0.022634	78,112	1,768	77,228	1,070,599	13.7
74–75	0.025257	76,344	1,928	75,380	993,371	13.0
75–76	0.028246	74,416	2,102	73,365	917,991	12.3
76–77	0.031511	72,314	2,279	71,174	844,626	11.7
77–78	0.035139	70,035	2,461	68,805	773,451	11.0
78–79	0.039168	67,574	2,647	66,251	704,647	10.4
79–80	0.043638	64,927	2,833	63,511	638,396	9.8
80–81	0.048593	62,094	3,017	60,585	574,885	9.3
81–82	0.054078	59,077	3,195	57,479	514,300	8.7
82–83	0.060144	55,882	3,361	54,202	456,821	8.2
83–84	0.066841	52,521	3,511	50,766	402,619	7.7
84–85	0.074225	49,010	3,638	47,192	351,853	7.2
85–86	0.082354	45,373	3,737	43,504	304,662	6.7
86–87	0.091284	41,636	3,801	39,736	261,157	6.3
87–88	0.101077	37,835	3,824	35,923	221,422	5.9
88–89	0.111790	34,011	3,802	32,110	185,499	5.5
89–90	0.123483	30,209	3,730	28,344	153,389	5.1
90–91	0.136212	26,479	3,607	24,675	125,045	4.7
91–92	0.150028	22,872	3,431	21,156	100,369	4.4
92–93	0.164978	19,441	3,207	17,837	79,213	4.1
93–94	0.181100	16,233	2,940	14,763	61,376	3.8
94–95	0.198424	13,293	2,638	11,975	46,613	3.5
95–96	0.216965	10,656	2,312	9,500	34,639	3.3
96–97	0.236728	8,344	1,975	7,356	25,139	3.0
97–98	0.257698	6,369	1,641	5,548	17,783	2.8
98–99	0.279844	4,727	1,323	4,066	12,235	2.6
99–100	0.303117	3,404	1,032	2,888	8,169	2.4
100 and over	1.00000	2,373	2,373	5,280	5,280	2.2