

Table 1. Life table for the total population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.006879	100,000	688	99,398	7,757,233	77.6
1-2	0.000472	99,312	47	99,289	7,657,834	77.1
2-3	0.000313	99,265	31	99,250	7,558,546	76.1
3-4	0.000224	99,234	22	99,223	7,459,296	75.2
4-5	0.000187	99,212	19	99,203	7,360,073	74.2
5-6	0.000175	99,193	17	99,185	7,260,870	73.2
6-7	0.000162	99,176	16	99,168	7,161,686	72.2
7-8	0.000150	99,160	15	99,152	7,062,518	71.2
8-9	0.000133	99,145	13	99,138	6,963,365	70.2
9-10	0.000114	99,132	11	99,126	6,864,227	69.2
10-11	0.000100	99,121	10	99,116	6,765,101	68.3
11-12	0.000104	99,111	10	99,106	6,665,985	67.3
12-13	0.000140	99,100	14	99,094	6,566,880	66.3
13-14	0.000216	99,087	21	99,076	6,467,786	65.3
14-15	0.000322	99,065	32	99,049	6,368,710	64.3
15-16	0.000439	99,033	43	99,012	6,269,661	63.3
16-17	0.000549	98,990	54	98,963	6,170,649	62.3
17-18	0.000652	98,935	64	98,903	6,071,687	61.4
18-19	0.000739	98,871	73	98,834	5,972,784	60.4
19-20	0.000811	98,798	80	98,758	5,873,949	59.5
20-21	0.000887	98,718	88	98,674	5,775,191	58.5
21-22	0.000960	98,630	95	98,583	5,676,517	57.6
22-23	0.001008	98,536	99	98,486	5,577,934	56.6
23-24	0.001025	98,436	101	98,386	5,479,448	55.7
24-25	0.001019	98,335	100	98,285	5,381,063	54.7
25-26	0.001004	98,235	99	98,186	5,282,778	53.8
26-27	0.000993	98,137	97	98,088	5,184,592	52.8
27-28	0.000989	98,039	97	97,991	5,086,504	51.9
28-29	0.000999	97,942	98	97,893	4,988,513	50.9
29-30	0.001021	97,844	100	97,794	4,890,620	50.0
30-31	0.001052	97,744	103	97,693	4,792,826	49.0
31-32	0.001086	97,641	106	97,588	4,695,133	48.1
32-33	0.001138	97,535	111	97,480	4,597,545	47.1
33-34	0.001172	97,424	114	97,367	4,500,065	46.2
34-35	0.001226	97,310	119	97,251	4,402,698	45.2
35-36	0.001287	97,191	125	97,128	4,305,447	44.3
36-37	0.001366	97,066	133	97,000	4,208,318	43.4

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37-38	0.001474	96,933	143	96,862	4,111,319	42.4
38-39	0.001617	96,790	156	96,712	4,014,457	41.5
39-40	0.001783	96,634	172	96,548	3,917,745	40.5
40-41	0.001958	96,462	189	96,367	3,821,197	39.6
41-42	0.002136	96,273	206	96,170	3,724,830	38.7
42-43	0.002327	96,067	224	95,955	3,628,660	37.8
43-44	0.002536	95,844	243	95,722	3,532,704	36.9
44-45	0.002763	95,601	264	95,469	3,436,982	36.0
45-46	0.003004	95,336	286	95,193	3,341,514	35.0
46-47	0.003256	95,050	309	94,895	3,246,320	34.2
47-48	0.003524	94,741	334	94,574	3,151,425	33.3
48-49	0.003811	94,407	360	94,227	3,056,851	32.4
49-50	0.004119	94,047	387	93,853	2,962,624	31.5
50-51	0.004458	93,660	418	93,451	2,868,771	30.6
51-52	0.004823	93,242	450	93,017	2,775,320	29.8
52-53	0.005194	92,792	482	92,551	2,682,303	28.9
53-54	0.005560	92,310	513	92,054	2,589,752	28.1
54-55	0.005925	91,797	544	91,525	2,497,698	27.2
55-56	0.006300	91,253	575	90,966	2,406,173	26.4
56-57	0.006713	90,678	609	90,374	2,315,207	25.5
57-58	0.007197	90,070	648	89,745	2,224,833	24.7
58-59	0.007793	89,421	697	89,073	2,135,088	23.9
59-60	0.008514	88,724	755	88,347	2,046,015	23.1
60-61	0.009382	87,969	825	87,556	1,957,668	22.3
61-62	0.010349	87,144	902	86,693	1,870,112	21.5
62-63	0.011341	86,242	978	85,753	1,783,419	20.7
63-64	0.012273	85,264	1,046	84,741	1,697,666	19.9
64-65	0.013161	84,217	1,108	83,663	1,612,925	19.2
65-66	0.014110	83,109	1,173	82,523	1,529,262	18.4
66-67	0.015251	81,936	1,250	81,311	1,446,740	17.7
67-68	0.016568	80,687	1,337	80,018	1,365,428	16.9
68-69	0.018097	79,350	1,436	78,632	1,285,410	16.2
69-70	0.019846	77,914	1,546	77,141	1,206,778	15.5
70-71	0.021763	76,368	1,662	75,537	1,129,637	14.8
71-72	0.023824	74,706	1,780	73,816	1,054,101	14.1
72-73	0.026089	72,926	1,903	71,975	980,285	13.4
73-74	0.028610	71,023	2,032	70,007	908,310	12.8

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74-75	0.031349	68,991	2,163	67,910	838,303	12.2
75-76	0.034120	66,828	2,280	65,688	770,393	11.5
76-77	0.037259	64,548	2,405	63,346	704,705	10.9
77-78	0.040963	62,143	2,546	60,870	641,359	10.3
78-79	0.045221	59,598	2,695	58,250	580,489	9.7
79-80	0.050074	56,903	2,849	55,478	522,239	9.2
80-81	0.055310	54,053	2,990	52,558	466,761	8.6
81-82	0.060917	51,064	3,111	49,508	414,202	8.1
82-83	0.067233	47,953	3,224	46,341	364,694	7.6
83-84	0.074233	44,729	3,320	43,069	318,353	7.1
84-85	0.082218	41,409	3,405	39,706	275,284	6.6
85-86	0.092314	38,004	3,508	36,250	235,578	6.2
86-87	0.102697	34,496	3,543	32,724	199,328	5.8
87-88	0.114016	30,953	3,529	29,189	166,604	5.4
88-89	0.126302	27,424	3,464	25,692	137,415	5.0
89-90	0.139579	23,960	3,344	22,288	111,723	4.7
90-91	0.153853	20,616	3,172	19,030	89,435	4.3
91-92	0.169119	17,444	2,950	15,969	70,405	4.0
92-93	0.185352	14,494	2,686	13,151	54,436	3.8
93-94	0.202510	11,807	2,391	10,612	41,286	3.5
94-95	0.220527	9,416	2,077	8,378	30,674	3.3
95-96	0.239322	7,340	1,757	6,461	22,296	3.0
96-97	0.258789	5,583	1,445	4,861	15,834	2.8
97-98	0.278806	4,138	1,154	3,561	10,973	2.7
98-99	0.299235	2,985	893	2,538	7,412	2.5
99-100	0.319927	2,091	669	1,757	4,874	2.3
100 and over	1.000000	1,422	1,422	3,117	3,117	2.2

Table 2. Life table for males: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.007567	100,000	757	99,338	7,496,368	75.0
1-2	0.000525	99,243	52	99,217	7,397,030	74.5
2-3	0.000364	99,191	36	99,173	7,297,813	73.6
3-4	0.000261	99,155	26	99,142	7,198,640	72.6
4-5	0.000213	99,129	21	99,119	7,099,498	71.6
5-6	0.000193	99,108	19	99,099	7,000,379	70.6
6-7	0.000178	99,089	18	99,080	6,901,280	69.6
7-8	0.000163	99,071	16	99,063	6,802,200	68.7
8-9	0.000140	99,055	14	99,048	6,703,137	67.7
9-10	0.000114	99,041	11	99,036	6,604,089	66.7
10-11	0.000095	99,030	9	99,025	6,505,053	65.7
11-12	0.000103	99,021	10	99,016	6,406,027	64.7
12-13	0.000157	99,011	16	99,003	6,307,012	63.7
13-14	0.000269	98,995	27	98,982	6,208,009	62.7
14-15	0.000424	98,968	42	98,947	6,109,027	61.7
15-16	0.000593	98,926	59	98,897	6,010,080	60.8
16-17	0.000754	98,868	74	98,830	5,911,183	59.8
17-18	0.000908	98,793	90	98,748	5,812,352	58.8
18-19	0.001047	98,704	103	98,652	5,713,604	57.9
19-20	0.001172	98,600	116	98,542	5,614,952	56.9
20-21	0.001301	98,485	128	98,421	5,516,410	56.0
21-22	0.001424	98,357	140	98,287	5,417,989	55.1
22-23	0.001505	98,216	148	98,143	5,319,703	54.2
23-24	0.001532	98,069	150	97,994	5,221,560	53.2
24-25	0.001516	97,918	148	97,844	5,123,567	52.3
25-26	0.001484	97,770	145	97,697	5,025,722	51.4
26-27	0.001457	97,625	142	97,554	4,928,025	50.5
27-28	0.001435	97,483	140	97,413	4,830,471	49.6
28-29	0.001430	97,343	139	97,273	4,733,058	48.6
29-30	0.001439	97,204	140	97,134	4,635,785	47.7
30-31	0.001457	97,064	141	96,993	4,538,651	46.8
31-32	0.001479	96,922	143	96,851	4,441,658	45.8
32-33	0.001529	96,779	148	96,705	4,344,807	44.9
33-34	0.001550	96,631	150	96,556	4,248,102	44.0
34-35	0.001603	96,481	155	96,404	4,151,546	43.0
35-36	0.001667	96,327	161	96,246	4,055,142	42.1
36-37	0.001753	96,166	169	96,082	3,958,896	41.2

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37-38	0.001878	95,997	180	95,907	3,862,814	40.2
38-39	0.002049	95,817	196	95,719	3,766,907	39.3
39-40	0.002253	95,621	215	95,513	3,671,188	38.4
40-41	0.002470	95,405	236	95,287	3,575,675	37.5
41-42	0.002693	95,170	256	95,041	3,480,387	36.6
42-43	0.002932	94,913	278	94,774	3,385,346	35.7
43-44	0.003190	94,635	302	94,484	3,290,572	34.8
44-45	0.003470	94,333	327	94,170	3,196,088	33.9
45-46	0.003766	94,006	354	93,829	3,101,918	33.0
46-47	0.004078	93,652	382	93,461	3,008,089	32.1
47-48	0.004420	93,270	412	93,064	2,914,628	31.2
48-49	0.004801	92,858	446	92,635	2,821,564	30.4
49-50	0.005221	92,412	482	92,171	2,728,930	29.5
50-51	0.005685	91,929	523	91,668	2,636,759	28.7
51-52	0.006176	91,407	565	91,125	2,545,091	27.8
52-53	0.006664	90,842	605	90,540	2,453,966	27.0
53-54	0.007122	90,237	643	89,916	2,363,427	26.2
54-55	0.007561	89,594	677	89,256	2,273,511	25.4
55-56	0.008003	88,917	712	88,561	2,184,256	24.6
56-57	0.008493	88,205	749	87,831	2,095,695	23.8
57-58	0.009067	87,456	793	87,060	2,007,864	23.0
58-59	0.009779	86,663	847	86,239	1,920,804	22.2
59-60	0.010645	85,816	913	85,359	1,834,565	21.4
60-61	0.011685	84,902	992	84,406	1,749,206	20.6
61-62	0.012842	83,910	1,078	83,371	1,664,800	19.8
62-63	0.014029	82,833	1,162	82,252	1,581,429	19.1
63-64	0.015138	81,671	1,236	81,052	1,499,177	18.4
64-65	0.016187	80,434	1,302	79,783	1,418,125	17.6
65-66	0.017290	79,132	1,368	78,448	1,338,342	16.9
66-67	0.018623	77,764	1,448	77,040	1,259,893	16.2
67-68	0.020187	76,316	1,541	75,546	1,182,853	15.5
68-69	0.022036	74,775	1,648	73,951	1,107,308	14.8
69-70	0.024197	73,128	1,769	72,243	1,033,356	14.1
70-71	0.026557	71,358	1,895	70,411	961,114	13.5
71-72	0.029076	69,463	2,020	68,453	890,703	12.8
72-73	0.031811	67,443	2,145	66,371	822,250	12.2
73-74	0.034871	65,298	2,277	64,159	755,879	11.6

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74-75	0.038260	63,021	2,411	61,815	691,720	11.0
75-76	0.041693	60,610	2,527	59,346	629,905	10.4
76-77	0.045521	58,083	2,644	56,761	570,559	9.8
77-78	0.049960	55,439	2,770	54,054	513,798	9.3
78-79	0.055046	52,669	2,899	51,219	459,744	8.7
79-80	0.060809	49,770	3,026	48,257	408,525	8.2
80-81	0.067199	46,743	3,141	45,173	360,268	7.7
81-82	0.074014	43,602	3,227	41,989	315,095	7.2
82-83	0.081459	40,375	3,289	38,731	273,107	6.8
83-84	0.089557	37,086	3,321	35,426	234,376	6.3
84-85	0.098974	33,765	3,342	32,094	198,950	5.9
85-86	0.110170	30,423	3,352	28,747	166,857	5.5
86-87	0.122359	27,071	3,312	25,415	138,109	5.1
87-88	0.135567	23,759	3,221	22,148	112,694	4.7
88-89	0.149810	20,538	3,077	19,000	90,546	4.4
89-90	0.165083	17,461	2,883	16,020	71,546	4.1
90-91	0.181367	14,579	2,644	13,257	55,526	3.8
91-92	0.198622	11,935	2,370	10,749	42,270	3.5
92-93	0.216785	9,564	2,073	8,527	31,520	3.3
93-94	0.235772	7,491	1,766	6,608	22,993	3.1
94-95	0.255477	5,725	1,463	4,993	16,385	2.9
95-96	0.275776	4,262	1,175	3,674	11,392	2.7
96-97	0.296524	3,087	915	2,629	7,717	2.5
97-98	0.317565	2,171	690	1,827	5,088	2.3
98-99	0.338733	1,482	502	1,231	3,262	2.2
99-100	0.359857	980	353	804	2,031	2.1
100 and over	1.000000	627	627	1,227	1,227	2.0

Table 3. Life table for females: United States, 2005

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0-1	0.006156	100,000	616	99,461	8,008,756	80.1
1-2	0.000417	99,384	41	99,364	7,909,295	79.6
2-3	0.000260	99,343	26	99,330	7,809,932	78.6
3-4	0.000185	99,317	18	99,308	7,710,602	77.6
4-5	0.000161	99,299	16	99,291	7,611,294	76.7
5-6	0.000156	99,283	16	99,275	7,512,003	75.7
6-7	0.000146	99,267	14	99,260	7,412,728	74.7
7-8	0.000137	99,253	14	99,246	7,313,468	73.7
8-9	0.000125	99,239	12	99,233	7,214,223	72.7
9-10	0.000113	99,227	11	99,221	7,114,990	71.7
10-11	0.000104	99,215	10	99,210	7,015,769	70.7
11-12	0.000105	99,205	10	99,200	6,916,558	69.7
12-13	0.000122	99,195	12	99,189	6,817,358	68.7
13-14	0.000161	99,183	16	99,175	6,718,170	67.7
14-15	0.000214	99,167	21	99,156	6,618,995	66.7
15-16	0.000275	99,145	27	99,132	6,519,839	65.8
16-17	0.000333	99,118	33	99,102	6,420,708	64.8
17-18	0.000380	99,085	38	99,066	6,321,606	63.8
18-19	0.000411	99,047	41	99,027	6,222,540	62.8
19-20	0.000430	99,007	43	98,985	6,123,513	61.8
20-21	0.000448	98,964	44	98,942	6,024,528	60.9
21-22	0.000469	98,920	46	98,897	5,925,586	59.9
22-23	0.000485	98,873	48	98,849	5,826,689	58.9
23-24	0.000496	98,825	49	98,801	5,727,840	58.0
24-25	0.000504	98,776	50	98,752	5,629,039	57.0
25-26	0.000511	98,727	50	98,701	5,530,287	56.0
26-27	0.000523	98,676	52	98,650	5,431,586	55.0
27-28	0.000540	98,625	53	98,598	5,332,935	54.1
28-29	0.000567	98,571	56	98,543	5,234,337	53.1
29-30	0.000601	98,515	59	98,486	5,135,794	52.1
30-31	0.000644	98,456	63	98,425	5,037,308	51.2
31-32	0.000691	98,393	68	98,359	4,938,883	50.2
32-33	0.000746	98,325	73	98,288	4,840,525	49.2
33-34	0.000792	98,251	78	98,213	4,742,236	48.3
34-35	0.000847	98,174	83	98,132	4,644,024	47.3
35-36	0.000906	98,091	89	98,046	4,545,892	46.3
36-37	0.000978	98,002	96	97,954	4,447,846	45.4

Table 3. Life table for females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
37-38	0.001070	97,906	105	97,853	4,349,892	44.4
38-39	0.001186	97,801	116	97,743	4,252,038	43.5
39-40	0.001317	97,685	129	97,621	4,154,295	42.5
40-41	0.001452	97,556	142	97,486	4,056,675	41.6
41-42	0.001587	97,415	155	97,338	3,959,189	40.6
42-43	0.001734	97,260	169	97,176	3,861,851	39.7
43-44	0.001895	97,092	184	97,000	3,764,675	38.8
44-45	0.002070	96,908	201	96,807	3,667,676	37.8
45-46	0.002258	96,707	218	96,598	3,570,868	36.9
46-47	0.002453	96,489	237	96,370	3,474,271	36.0
47-48	0.002650	96,252	255	96,125	3,377,900	35.1
48-49	0.002848	95,997	273	95,860	3,281,776	34.2
49-50	0.003052	95,724	292	95,578	3,185,915	33.3
50-51	0.003275	95,431	312	95,275	3,090,338	32.4
51-52	0.003521	95,119	335	94,952	2,995,063	31.5
52-53	0.003786	94,784	359	94,605	2,900,111	30.6
53-54	0.004067	94,425	384	94,233	2,805,506	29.7
54-55	0.004366	94,041	411	93,836	2,711,273	28.8
55-56	0.004680	93,631	438	93,411	2,617,437	28.0
56-57	0.005025	93,192	468	92,958	2,524,026	27.1
57-58	0.005430	92,724	503	92,472	2,431,068	26.2
58-59	0.005924	92,221	546	91,947	2,338,596	25.4
59-60	0.006521	91,674	598	91,375	2,246,648	24.5
60-61	0.007240	91,076	659	90,747	2,155,273	23.7
61-62	0.008048	90,417	728	90,053	2,064,526	22.8
62-63	0.008879	89,689	796	89,291	1,974,473	22.0
63-64	0.009666	88,893	859	88,463	1,885,181	21.2
64-65	0.010425	88,034	918	87,575	1,796,718	20.4
65-66	0.011254	87,116	980	86,626	1,709,143	19.6
66-67	0.012244	86,136	1,055	85,608	1,622,517	18.8
67-68	0.013368	85,081	1,137	84,512	1,536,909	18.1
68-69	0.014649	83,944	1,230	83,329	1,452,397	17.3
69-70	0.016084	82,714	1,330	82,049	1,369,068	16.6
70-71	0.017673	81,384	1,438	80,664	1,287,019	15.8
71-72	0.019405	79,945	1,551	79,170	1,206,355	15.1
72-73	0.021353	78,394	1,674	77,557	1,127,185	14.4
73-74	0.023523	76,720	1,805	75,818	1,049,628	13.7

Table 3. Life table for females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
74-75	0.025839	74,915	1,936	73,947	973,811	13.0
75-76	0.028206	72,980	2,058	71,950	899,863	12.3
76-77	0.030954	70,921	2,195	69,823	827,913	11.7
77-78	0.034267	68,726	2,355	67,548	758,089	11.0
78-79	0.038118	66,371	2,530	65,106	690,541	10.4
79-80	0.042580	63,841	2,718	62,482	625,435	9.8
80-81	0.047313	61,122	2,892	59,676	562,954	9.2
81-82	0.052389	58,231	3,051	56,705	503,277	8.6
82-83	0.058275	55,180	3,216	53,572	446,572	8.1
83-84	0.064942	51,964	3,375	50,277	393,000	7.6
84-85	0.072603	48,590	3,528	46,826	342,723	7.1
85-86	0.082221	45,062	3,705	43,209	295,897	6.6
86-87	0.092178	41,357	3,812	39,451	252,688	6.1
87-88	0.103129	37,545	3,872	35,609	213,237	5.7
88-89	0.115119	33,673	3,876	31,735	177,629	5.3
89-90	0.128187	29,796	3,820	27,887	145,894	4.9
90-91	0.142355	25,977	3,698	24,128	118,007	4.5
91-92	0.157631	22,279	3,512	20,523	93,880	4.2
92-93	0.174002	18,767	3,266	17,134	73,357	3.9
93-94	0.191434	15,502	2,968	14,018	56,222	3.6
94-95	0.209868	12,534	2,630	11,219	42,205	3.4
95-96	0.229221	9,904	2,270	8,768	30,986	3.1
96-97	0.249385	7,633	1,904	6,682	22,217	2.9
97-98	0.270226	5,730	1,548	4,956	15,536	2.7
98-99	0.291593	4,181	1,219	3,572	10,580	2.5
99-100	0.313313	2,962	928	2,498	7,008	2.4
100 and over	1.000000	2,034	2,034	4,510	4,510	2.2

Table 4. Life table for the white population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.005735	100,000	574	99,498	7,802,701	78.0
1-2	0.000437	99,426	43	99,405	7,703,203	77.5
2-3	0.000301	99,383	30	99,368	7,603,798	76.5
3-4	0.000199	99,353	20	99,343	7,504,430	75.5
4-5	0.000173	99,333	17	99,325	7,405,087	74.5
5-6	0.000161	99,316	16	99,308	7,305,763	73.6
6-7	0.000150	99,300	15	99,293	7,206,454	72.6
7-8	0.000139	99,285	14	99,278	7,107,162	71.6
8-9	0.000123	99,271	12	99,265	7,007,884	70.6
9-10	0.000103	99,259	10	99,254	6,908,618	69.6
10-11	0.000088	99,249	9	99,245	6,809,364	68.6
11-12	0.000091	99,240	9	99,236	6,710,119	67.6
12-13	0.000127	99,231	13	99,225	6,610,884	66.6
13-14	0.000204	99,219	20	99,208	6,511,659	65.6
14-15	0.000309	99,198	31	99,183	6,412,450	64.6
15-16	0.000426	99,168	42	99,147	6,313,267	63.7
16-17	0.000535	99,125	53	99,099	6,214,121	62.7
17-18	0.000634	99,072	63	99,041	6,115,022	61.7
18-19	0.000715	99,010	71	98,974	6,015,981	60.8
19-20	0.000781	98,939	77	98,900	5,917,007	59.8
20-21	0.000848	98,862	84	98,820	5,818,106	58.9
21-22	0.000913	98,778	90	98,733	5,719,287	57.9
22-23	0.000954	98,688	94	98,641	5,620,554	57.0
23-24	0.000966	98,593	95	98,546	5,521,914	56.0
24-25	0.000955	98,498	94	98,451	5,423,368	55.1
25-26	0.000936	98,404	92	98,358	5,324,916	54.1
26-27	0.000922	98,312	91	98,267	5,226,558	53.2
27-28	0.000914	98,221	90	98,177	5,128,292	52.2
28-29	0.000919	98,132	90	98,087	5,030,115	51.3
29-30	0.000937	98,041	92	97,996	4,932,028	50.3
30-31	0.000963	97,950	94	97,902	4,834,033	49.4
31-32	0.000995	97,855	97	97,807	4,736,130	48.4
32-33	0.001043	97,758	102	97,707	4,638,324	47.4
33-34	0.001075	97,656	105	97,604	4,540,617	46.5
34-35	0.001126	97,551	110	97,496	4,443,013	45.5
35-36	0.001184	97,441	115	97,384	4,345,517	44.6
36-37	0.001259	97,326	123	97,265	4,248,134	43.6

Table 4. Life table for the white population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
37-38	0.001364	97,203	133	97,137	4,150,869	42.7
38-39	0.001502	97,071	146	96,998	4,053,732	41.8
39-40	0.001664	96,925	161	96,844	3,956,734	40.8
40-41	0.001833	96,764	177	96,675	3,859,890	39.9
41-42	0.002004	96,586	194	96,489	3,763,215	39.0
42-43	0.002183	96,393	210	96,287	3,666,726	38.0
43-44	0.002375	96,182	228	96,068	3,570,438	37.1
44-45	0.002580	95,954	248	95,830	3,474,370	36.2
45-46	0.002798	95,706	268	95,572	3,378,540	35.3
46-47	0.003028	95,439	289	95,294	3,282,968	34.4
47-48	0.003272	95,149	311	94,994	3,187,674	33.5
48-49	0.003533	94,838	335	94,671	3,092,680	32.6
49-50	0.003814	94,503	360	94,323	2,998,009	31.7
50-51	0.004123	94,143	388	93,949	2,903,687	30.8
51-52	0.004458	93,754	418	93,545	2,809,738	30.0
52-53	0.004807	93,336	449	93,112	2,716,193	29.1
53-54	0.005159	92,888	479	92,648	2,623,080	28.2
54-55	0.005518	92,409	510	92,154	2,530,432	27.4
55-56	0.005889	91,899	541	91,628	2,438,279	26.5
56-57	0.006297	91,357	575	91,070	2,346,650	25.7
57-58	0.006775	90,782	615	90,475	2,255,581	24.8
58-59	0.007363	90,167	664	89,835	2,165,106	24.0
59-60	0.008075	89,503	723	89,142	2,075,271	23.2
60-61	0.008932	88,780	793	88,384	1,986,129	22.4
61-62	0.009886	87,987	870	87,552	1,897,745	21.6
62-63	0.010863	87,118	946	86,644	1,810,193	20.8
63-64	0.011781	86,171	1,015	85,664	1,723,548	20.0
64-65	0.012662	85,156	1,078	84,617	1,637,885	19.2
65-66	0.013617	84,078	1,145	83,505	1,553,268	18.5
66-67	0.014771	82,933	1,225	82,320	1,469,763	17.7
67-68	0.016103	81,708	1,316	81,050	1,387,443	17.0
68-69	0.017640	80,392	1,418	79,683	1,306,393	16.3
69-70	0.019384	78,974	1,531	78,209	1,226,710	15.5
70-71	0.021291	77,443	1,649	76,619	1,148,501	14.8
71-72	0.023352	75,794	1,770	74,909	1,071,882	14.1
72-73	0.025626	74,024	1,897	73,076	996,973	13.5
73-74	0.028156	72,127	2,031	71,112	923,897	12.8

Table 4. Life table for the white population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
74-75	0.030897	70,097	2,166	69,014	852,785	12.2
75-76	0.033670	67,931	2,287	66,787	783,772	11.5
76-77	0.036811	65,644	2,416	64,435	716,984	10.9
77-78	0.040504	63,227	2,561	61,947	652,549	10.3
78-79	0.044777	60,666	2,716	59,308	590,602	9.7
79-80	0.049669	57,950	2,878	56,511	531,294	9.2
80-81	0.054930	55,071	3,025	53,559	474,784	8.6
81-82	0.060544	52,046	3,151	50,471	421,225	8.1
82-83	0.066846	48,895	3,268	47,261	370,754	7.6
83-84	0.073949	45,627	3,374	43,940	323,493	7.1
84-85	0.082147	42,253	3,471	40,517	279,553	6.6
85-86	0.092710	38,782	3,595	36,984	239,036	6.2
86-87	0.103238	35,186	3,633	33,370	202,052	5.7
87-88	0.114723	31,554	3,620	29,744	168,682	5.3
88-89	0.127196	27,934	3,553	26,157	138,938	5.0
89-90	0.140681	24,381	3,430	22,666	112,781	4.6
90-91	0.155184	20,951	3,251	19,325	90,115	4.3
91-92	0.170696	17,700	3,021	16,189	70,790	4.0
92-93	0.187192	14,678	2,748	13,305	54,601	3.7
93-94	0.204624	11,931	2,441	10,710	41,296	3.5
94-95	0.222925	9,489	2,115	8,432	30,586	3.2
95-96	0.242005	7,374	1,785	6,482	22,154	3.0
96-97	0.261755	5,589	1,463	4,858	15,673	2.8
97-98	0.282046	4,126	1,164	3,544	10,815	2.6
98-99	0.302735	2,963	897	2,514	7,270	2.5
99-100	0.323663	2,066	669	1,731	4,756	2.3
100 and over	1.000000	1,397	1,397	3,025	3,025	2.2

Table 5. Life table for white males: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.006327	100,000	633	99,447	7,549,959	75.5
1-2	0.000490	99,367	49	99,343	7,450,512	75.0
2-3	0.000352	99,319	35	99,301	7,351,169	74.0
3-4	0.000226	99,284	22	99,272	7,251,868	73.0
4-5	0.000205	99,261	20	99,251	7,152,595	72.1
5-6	0.000178	99,241	18	99,232	7,053,344	71.1
6-7	0.000164	99,223	16	99,215	6,954,112	70.1
7-8	0.000150	99,207	15	99,199	6,854,897	69.1
8-9	0.000129	99,192	13	99,186	6,755,698	68.1
9-10	0.000103	99,179	10	99,174	6,656,512	67.1
10-11	0.000084	99,169	8	99,165	6,557,338	66.1
11-12	0.000090	99,161	9	99,156	6,458,173	65.1
12-13	0.000143	99,152	14	99,145	6,359,017	64.1
13-14	0.000252	99,138	25	99,125	6,259,872	63.1
14-15	0.000402	99,113	40	99,093	6,160,747	62.2
15-16	0.000565	99,073	56	99,045	6,061,654	61.2
16-17	0.000719	99,017	71	98,981	5,962,609	60.2
17-18	0.000866	98,946	86	98,903	5,863,628	59.3
18-19	0.000996	98,860	98	98,811	5,764,725	58.3
19-20	0.001111	98,761	110	98,707	5,665,915	57.4
20-21	0.001230	98,652	121	98,591	5,567,208	56.4
21-22	0.001341	98,530	132	98,464	5,468,617	55.5
22-23	0.001413	98,398	139	98,329	5,370,153	54.6
23-24	0.001432	98,259	141	98,189	5,271,824	53.7
24-25	0.001410	98,119	138	98,049	5,173,635	52.7
25-26	0.001373	97,980	135	97,913	5,075,586	51.8
26-27	0.001342	97,846	131	97,780	4,977,673	50.9
27-28	0.001317	97,714	129	97,650	4,879,893	49.9
28-29	0.001307	97,586	128	97,522	4,782,243	49.0
29-30	0.001313	97,458	128	97,394	4,684,721	48.1
30-31	0.001329	97,330	129	97,265	4,587,327	47.1
31-32	0.001349	97,201	131	97,135	4,490,061	46.2
32-33	0.001396	97,070	135	97,002	4,392,926	45.3
33-34	0.001419	96,934	138	96,865	4,295,924	44.3
34-35	0.001474	96,797	143	96,725	4,199,059	43.4
35-36	0.001537	96,654	149	96,580	4,102,334	42.4
36-37	0.001621	96,505	156	96,427	4,005,754	41.5
37-38	0.001746	96,349	168	96,265	3,909,327	40.6
38-39	0.001918	96,181	184	96,089	3,813,062	39.6
39-40	0.002122	95,996	204	95,894	3,716,973	38.7

Table 5. Life table for white males: United States, 2005

Age	Probability of dying between ages x to x+1 $q(x)$	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 number of person-years lived above age x $T(x)$	Expectation of life at age x $e(x)$
40-41	0.002338	95,793	224	95,681	3,621,079	37.8
41-42	0.002557	95,569	244	95,446	3,525,398	36.9
42-43	0.002785	95,324	265	95,191	3,429,952	36.0
43-44	0.003023	95,059	287	94,915	3,334,760	35.1
44-45	0.003277	94,771	311	94,616	3,239,845	34.2
45-46	0.003543	94,461	335	94,294	3,145,229	33.3
46-47	0.003826	94,126	360	93,946	3,050,936	32.4
47-48	0.004137	93,766	388	93,572	2,956,990	31.5
48-49	0.004484	93,378	419	93,169	2,863,418	30.7
49-50	0.004867	92,960	452	92,733	2,770,249	29.8
50-51	0.005293	92,507	490	92,262	2,677,515	28.9
51-52	0.005744	92,017	529	91,753	2,585,253	28.1
52-53	0.006196	91,489	567	91,205	2,493,500	27.3
53-54	0.006625	90,922	602	90,621	2,402,294	26.4
54-55	0.007040	90,320	636	90,002	2,311,674	25.6
55-56	0.007459	89,684	669	89,349	2,221,672	24.8
56-57	0.007926	89,015	705	88,662	2,132,322	24.0
57-58	0.008481	88,309	749	87,935	2,043,660	23.1
58-59	0.009182	87,560	804	87,158	1,955,725	22.3
59-60	0.010041	86,756	871	86,321	1,868,567	21.5
60-61	0.011078	85,885	951	85,410	1,782,246	20.8
61-62	0.012228	84,934	1,039	84,415	1,696,836	20.0
62-63	0.013404	83,895	1,125	83,333	1,612,422	19.2
63-64	0.014500	82,771	1,200	82,171	1,529,088	18.5
64-65	0.015541	81,571	1,268	80,937	1,446,918	17.7
65-66	0.016652	80,303	1,337	79,634	1,365,981	17.0
66-67	0.018000	78,966	1,421	78,255	1,286,347	16.3
67-68	0.019583	77,544	1,519	76,785	1,208,092	15.6
68-69	0.021444	76,026	1,630	75,211	1,131,307	14.9
69-70	0.023583	74,395	1,754	73,518	1,056,096	14.2
70-71	0.025909	72,641	1,882	71,700	982,578	13.5
71-72	0.028407	70,759	2,010	69,754	910,878	12.9
72-73	0.031140	68,749	2,141	67,679	841,124	12.2
73-74	0.034201	66,608	2,278	65,469	773,445	11.6
74-75	0.037602	64,330	2,419	63,121	707,976	11.0
75-76	0.041068	61,911	2,543	60,640	644,856	10.4
76-77	0.044892	59,368	2,665	58,036	584,216	9.8
77-78	0.049310	56,703	2,796	55,305	526,180	9.3
78-79	0.054444	53,907	2,935	52,440	470,875	8.7
79-80	0.060266	50,972	3,072	49,436	418,435	8.2

Table 5. Life table for white males: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
80-81	0.066672	47,900	3,194	46,304	368,998	7.7
81-82	0.073513	44,707	3,287	43,064	322,695	7.2
82-83	0.080937	41,420	3,352	39,744	279,631	6.8
83-84	0.089130	38,068	3,393	36,371	239,887	6.3
84-85	0.098989	34,675	3,432	32,959	203,516	5.9
85-86	0.110344	31,242	3,447	29,519	170,557	5.5
86-87	0.122719	27,795	3,411	26,090	141,038	5.1
87-88	0.136144	24,384	3,320	22,724	114,949	4.7
88-89	0.150629	21,064	3,173	19,478	92,224	4.4
89-90	0.166174	17,891	2,973	16,405	72,747	4.1
90-91	0.182754	14,918	2,726	13,555	56,342	3.8
91-92	0.200327	12,192	2,442	10,971	42,787	3.5
92-93	0.218825	9,750	2,133	8,683	31,816	3.3
93-94	0.238159	7,616	1,814	6,709	23,133	3.0
94-95	0.258217	5,802	1,498	5,053	16,424	2.8
95-96	0.278864	4,304	1,200	3,704	11,371	2.6
96-97	0.299950	3,104	931	2,638	7,667	2.5
97-98	0.321309	2,173	698	1,824	5,028	2.3
98-99	0.342767	1,475	505	1,222	3,205	2.2
99-100	0.364148	969	353	793	1,983	2.0
100 and over	1.000000	616	616	1,190	1,190	1.9

Table 6. Life table for white females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.005112	100,000	511	99,552	8,048,830	80.5
1-2	0.000382	99,489	38	99,470	7,949,278	79.9
2-3	0.000248	99,451	25	99,438	7,849,808	78.9
3-4	0.000171	99,426	17	99,418	7,750,370	78.0
4-5	0.000140	99,409	14	99,402	7,650,952	77.0
5-6	0.000143	99,395	14	99,388	7,551,550	76.0
6-7	0.000135	99,381	13	99,374	7,452,162	75.0
7-8	0.000127	99,367	13	99,361	7,352,788	74.0
8-9	0.000116	99,355	12	99,349	7,253,427	73.0
9-10	0.000103	99,343	10	99,338	7,154,078	72.0
10-11	0.000093	99,333	9	99,328	7,054,740	71.0
11-12	0.000093	99,324	9	99,319	6,955,411	70.0
12-13	0.000111	99,315	11	99,309	6,856,092	69.0
13-14	0.000153	99,304	15	99,296	6,756,783	68.0
14-15	0.000211	99,288	21	99,278	6,657,487	67.1
15-16	0.000277	99,268	28	99,254	6,558,209	66.1
16-17	0.000338	99,240	34	99,223	6,458,955	65.1
17-18	0.000387	99,206	38	99,187	6,359,732	64.1
18-19	0.000415	99,168	41	99,147	6,260,545	63.1
19-20	0.000428	99,127	42	99,106	6,161,397	62.2
20-21	0.000440	99,084	44	99,063	6,062,292	61.2
21-22	0.000455	99,041	45	99,018	5,963,229	60.2
22-23	0.000465	98,996	46	98,973	5,864,211	59.2
23-24	0.000471	98,950	47	98,926	5,765,238	58.3
24-25	0.000474	98,903	47	98,880	5,666,312	57.3
25-26	0.000477	98,856	47	98,833	5,567,432	56.3
26-27	0.000483	98,809	48	98,785	5,468,599	55.3
27-28	0.000496	98,761	49	98,737	5,369,814	54.4
28-29	0.000517	98,712	51	98,687	5,271,077	53.4
29-30	0.000547	98,661	54	98,634	5,172,390	52.4
30-31	0.000585	98,607	58	98,578	5,073,756	51.5
31-32	0.000627	98,550	62	98,519	4,975,178	50.5
32-33	0.000678	98,488	67	98,454	4,876,659	49.5
33-34	0.000718	98,421	71	98,386	4,778,204	48.5
34-35	0.000768	98,350	76	98,313	4,679,819	47.6
35-36	0.000822	98,275	81	98,235	4,581,506	46.6
36-37	0.000887	98,194	87	98,151	4,483,271	45.7
37-38	0.000972	98,107	95	98,059	4,385,121	44.7
38-39	0.001078	98,012	106	97,959	4,287,062	43.7
39-40	0.001199	97,906	117	97,847	4,189,103	42.8

Table 6. Life table for white females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
40-41	0.001322	97,789	129	97,724	4,091,255	41.8
41-42	0.001446	97,659	141	97,589	3,993,531	40.9
42-43	0.001579	97,518	154	97,441	3,895,942	40.0
43-44	0.001725	97,364	168	97,280	3,798,501	39.0
44-45	0.001883	97,196	183	97,105	3,701,221	38.1
45-46	0.002055	97,013	199	96,914	3,604,116	37.2
46-47	0.002233	96,814	216	96,706	3,507,203	36.2
47-48	0.002412	96,598	233	96,481	3,410,497	35.3
48-49	0.002589	96,365	250	96,240	3,314,016	34.4
49-50	0.002772	96,115	266	95,982	3,217,776	33.5
50-51	0.002970	95,849	285	95,706	3,121,794	32.6
51-52	0.003195	95,564	305	95,411	3,026,087	31.7
52-53	0.003447	95,259	328	95,095	2,930,676	30.8
53-54	0.003729	94,930	354	94,753	2,835,581	29.9
54-55	0.004038	94,576	382	94,385	2,740,828	29.0
55-56	0.004366	94,194	411	93,989	2,646,443	28.1
56-57	0.004722	93,783	443	93,562	2,552,454	27.2
57-58	0.005130	93,340	479	93,101	2,458,892	26.3
58-59	0.005618	92,862	522	92,601	2,365,791	25.5
59-60	0.006199	92,340	572	92,054	2,273,191	24.6
60-61	0.006899	91,767	633	91,451	2,181,137	23.8
61-62	0.007684	91,134	700	90,784	2,089,686	22.9
62-63	0.008493	90,434	768	90,050	1,998,902	22.1
63-64	0.009262	89,666	830	89,251	1,908,852	21.3
64-65	0.010012	88,835	889	88,391	1,819,601	20.5
65-66	0.010842	87,946	954	87,469	1,731,211	19.7
66-67	0.011843	86,992	1,030	86,477	1,643,741	18.9
67-68	0.012974	85,962	1,115	85,405	1,557,264	18.1
68-69	0.014255	84,847	1,210	84,242	1,471,859	17.3
69-70	0.015694	83,637	1,313	82,981	1,387,617	16.6
70-71	0.017285	82,325	1,423	81,613	1,304,636	15.8
71-72	0.019026	80,902	1,539	80,132	1,223,023	15.1
72-73	0.020982	79,363	1,665	78,530	1,142,890	14.4
73-74	0.023156	77,697	1,799	76,798	1,064,360	13.7
74-75	0.025455	75,898	1,932	74,932	987,562	13.0
75-76	0.027790	73,966	2,056	72,939	912,630	12.3
76-77	0.030536	71,911	2,196	70,813	839,691	11.7
77-78	0.033841	69,715	2,359	68,535	768,879	11.0
78-79	0.037680	67,356	2,538	66,087	700,343	10.4
79-80	0.042172	64,818	2,734	63,451	634,256	9.8

Table 6. Life table for white females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
80-81	0.046950	62,084	2,915	60,627	570,805	9.2
81-82	0.052036	59,169	3,079	57,630	510,179	8.6
82-83	0.057922	56,090	3,249	54,466	452,549	8.1
83-84	0.064691	52,842	3,418	51,132	398,083	7.5
84-85	0.072572	49,423	3,587	47,630	346,950	7.0
85-86	0.082532	45,837	3,783	43,945	299,320	6.5
86-87	0.092628	42,054	3,895	40,106	255,375	6.1
87-88	0.103739	38,158	3,958	36,179	215,269	5.6
88-89	0.115914	34,200	3,964	32,218	179,090	5.2
89-90	0.129190	30,235	3,906	28,282	146,873	4.9
90-91	0.143590	26,329	3,781	24,439	118,590	4.5
91-92	0.159120	22,549	3,588	20,755	94,151	4.2
92-93	0.175765	18,961	3,333	17,294	73,397	3.9
93-94	0.193487	15,628	3,024	14,116	56,102	3.6
94-95	0.212224	12,604	2,675	11,267	41,986	3.3
95-96	0.231886	9,929	2,302	8,778	30,719	3.1
96-97	0.252358	7,627	1,925	6,665	21,941	2.9
97-98	0.273501	5,702	1,560	4,922	15,276	2.7
98-99	0.295153	4,143	1,223	3,531	10,354	2.5
99-100	0.317137	2,920	926	2,457	6,823	2.3
100 and over	1.000000	1,994	1,994	4,366	4,366	2.2

Table 7. Life table for the black population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.013782	100,000	1,378	98,790	7,300,350	73.0
1-2	0.000693	98,622	68	98,588	7,201,560	73.0
2-3	0.000398	98,554	39	98,534	7,102,973	72.1
3-4	0.000364	98,514	36	98,496	7,004,439	71.1
4-5	0.000280	98,478	28	98,465	6,905,942	70.1
5-6	0.000253	98,451	25	98,438	6,807,478	69.1
6-7	0.000230	98,426	23	98,415	6,709,040	68.2
7-8	0.000211	98,403	21	98,393	6,610,625	67.2
8-9	0.000189	98,382	19	98,373	6,512,232	66.2
9-10	0.000167	98,364	16	98,356	6,413,859	65.2
10-11	0.000153	98,348	15	98,340	6,315,503	64.2
11-12	0.000161	98,332	16	98,325	6,217,163	63.2
12-13	0.000203	98,317	20	98,307	6,118,839	62.2
13-14	0.000288	98,297	28	98,283	6,020,532	61.2
14-15	0.000409	98,268	40	98,248	5,922,249	60.3
15-16	0.000543	98,228	53	98,202	5,824,001	59.3
16-17	0.000677	98,175	66	98,142	5,725,800	58.3
17-18	0.000813	98,108	80	98,069	5,627,658	57.4
18-19	0.000949	98,029	93	97,982	5,529,589	56.4
19-20	0.001082	97,936	106	97,883	5,431,607	55.5
20-21	0.001228	97,830	120	97,770	5,333,725	54.5
21-22	0.001376	97,710	134	97,642	5,235,955	53.6
22-23	0.001493	97,575	146	97,502	5,138,313	52.7
23-24	0.001561	97,429	152	97,353	5,040,811	51.7
24-25	0.001590	97,277	155	97,200	4,943,457	50.8
25-26	0.001607	97,123	156	97,045	4,846,257	49.9
26-27	0.001632	96,967	158	96,888	4,749,213	49.0
27-28	0.001664	96,808	161	96,728	4,652,325	48.1
28-29	0.001712	96,647	165	96,565	4,555,597	47.1
29-30	0.001772	96,482	171	96,396	4,459,033	46.2
30-31	0.001841	96,311	177	96,222	4,362,636	45.3
31-32	0.001912	96,134	184	96,042	4,266,414	44.4
32-33	0.002022	95,950	194	95,853	4,170,372	43.5
33-34	0.002055	95,756	197	95,657	4,074,520	42.6
34-35	0.002134	95,559	204	95,457	3,978,862	41.6
35-36	0.002223	95,355	212	95,249	3,883,405	40.7
36-37	0.002338	95,143	222	95,032	3,788,156	39.8
37-38	0.002489	94,921	236	94,802	3,693,125	38.9
38-39	0.002681	94,684	254	94,557	3,598,322	38.0
39-40	0.002908	94,430	275	94,293	3,503,765	37.1

Table 7. Life table for the black population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
40-41	0.003141	94,156	296	94,008	3,409,472	36.2
41-42	0.003389	93,860	318	93,701	3,315,464	35.3
42-43	0.003689	93,542	345	93,370	3,221,763	34.4
43-44	0.004059	93,197	378	93,008	3,128,393	33.6
44-45	0.004490	92,819	417	92,610	3,035,385	32.7
45-46	0.004952	92,402	458	92,173	2,942,775	31.8
46-47	0.005427	91,944	499	91,695	2,850,602	31.0
47-48	0.005929	91,445	542	91,174	2,758,907	30.2
48-49	0.006461	90,903	587	90,610	2,667,732	29.3
49-50	0.007026	90,316	635	89,999	2,577,123	28.5
50-51	0.007649	89,681	686	89,338	2,487,124	27.7
51-52	0.008311	88,995	740	88,626	2,397,786	26.9
52-53	0.008963	88,256	791	87,860	2,309,160	26.2
53-54	0.009570	87,465	837	87,046	2,221,300	25.4
54-55	0.010147	86,628	879	86,188	2,134,254	24.6
55-56	0.010740	85,749	921	85,288	2,048,065	23.9
56-57	0.011394	84,828	967	84,344	1,962,777	23.1
57-58	0.012122	83,861	1,017	83,353	1,878,433	22.4
58-59	0.012965	82,845	1,074	82,308	1,795,080	21.7
59-60	0.013945	81,771	1,140	81,200	1,712,772	20.9
60-61	0.015095	80,630	1,217	80,022	1,631,572	20.2
61-62	0.016376	79,413	1,300	78,763	1,551,550	19.5
62-63	0.017690	78,113	1,382	77,422	1,472,787	18.9
63-64	0.018894	76,731	1,450	76,006	1,395,365	18.2
64-65	0.019972	75,281	1,504	74,529	1,319,359	17.5
65-66	0.021012	73,778	1,550	73,003	1,244,830	16.9
66-67	0.022187	72,227	1,603	71,426	1,171,828	16.2
67-68	0.023592	70,625	1,666	69,792	1,100,401	15.6
68-69	0.025292	68,959	1,744	68,087	1,030,610	14.9
69-70	0.027335	67,215	1,837	66,296	962,523	14.3
70-71	0.029605	65,377	1,935	64,410	896,227	13.7
71-72	0.031895	63,442	2,023	62,430	831,817	13.1
72-73	0.034334	61,418	2,109	60,364	769,387	12.5
73-74	0.037151	59,310	2,203	58,208	709,024	12.0
74-75	0.040362	57,106	2,305	55,954	650,816	11.4
75-76	0.043511	54,801	2,384	53,609	594,862	10.9
76-77	0.047226	52,417	2,475	51,179	541,253	10.3
77-78	0.051639	49,941	2,579	48,652	490,074	9.8
78-79	0.056202	47,362	2,662	46,031	441,422	9.3
79-80	0.060873	44,701	2,721	43,340	395,391	8.8

Table 7. Life table for the black population: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
80-81	0.065998	41,979	2,771	40,594	352,051	8.4
81-82	0.072097	39,209	2,827	37,796	311,456	7.9
82-83	0.077816	36,382	2,831	34,967	273,661	7.5
83-84	0.084555	33,551	2,837	32,133	238,694	7.1
84-85	0.091787	30,714	2,819	29,304	206,562	6.7
85-86	0.099532	27,895	2,776	26,507	177,257	6.4
86-87	0.107808	25,118	2,708	23,764	150,751	6.0
87-88	0.116630	22,410	2,614	21,104	126,986	5.7
88-89	0.126012	19,797	2,495	18,549	105,883	5.3
89-90	0.135962	17,302	2,352	16,126	87,333	5.0
90-91	0.146484	14,950	2,190	13,855	71,207	4.8
91-92	0.157579	12,760	2,011	11,754	57,352	4.5
92-93	0.169241	10,749	1,819	9,840	45,598	4.2
93-94	0.181459	8,930	1,620	8,120	35,758	4.0
94-95	0.194214	7,310	1,420	6,600	27,639	3.8
95-96	0.207482	5,890	1,222	5,279	21,039	3.6
96-97	0.221232	4,668	1,033	4,152	15,760	3.4
97-98	0.235427	3,635	856	3,207	11,609	3.2
98-99	0.250021	2,779	695	2,432	8,401	3.0
99-100	0.264963	2,084	552	1,808	5,969	2.9
100 and over	1.000000	1,532	1,532	4,161	4,161	2.7

Table 8. Life table for black males: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.015197	100,000	1,520	98,667	6,949,160	69.5
1-2	0.000756	98,480	74	98,443	6,850,493	69.6
2-3	0.000467	98,406	46	98,383	6,752,050	68.6
3-4	0.000458	98,360	45	98,337	6,653,667	67.6
4-5	0.000259	98,315	25	98,302	6,555,329	66.7
5-6	0.000274	98,289	27	98,276	6,457,027	65.7
6-7	0.000251	98,263	25	98,250	6,358,751	64.7
7-8	0.000230	98,238	23	98,227	6,260,501	63.7
8-9	0.000201	98,215	20	98,205	6,162,275	62.7
9-10	0.000169	98,195	17	98,187	6,064,069	61.8
10-11	0.000147	98,179	14	98,172	5,965,882	60.8
11-12	0.000160	98,164	16	98,157	5,867,710	59.8
12-13	0.000230	98,149	23	98,137	5,769,554	58.8
13-14	0.000373	98,126	37	98,108	5,671,416	57.8
14-15	0.000574	98,090	56	98,061	5,573,308	56.8
15-16	0.000796	98,033	78	97,994	5,475,247	55.9
16-17	0.001014	97,955	99	97,906	5,377,253	54.9
17-18	0.001238	97,856	121	97,795	5,279,347	54.0
18-19	0.001458	97,735	142	97,664	5,181,552	53.0
19-20	0.001674	97,592	163	97,511	5,083,888	52.1
20-21	0.001911	97,429	186	97,336	4,986,377	51.2
21-22	0.002149	97,243	209	97,138	4,889,041	50.3
22-23	0.002335	97,034	227	96,921	4,791,903	49.4
23-24	0.002439	96,807	236	96,689	4,694,982	48.5
24-25	0.002477	96,571	239	96,452	4,598,293	47.6
25-26	0.002490	96,332	240	96,212	4,501,841	46.7
26-27	0.002511	96,092	241	95,971	4,405,629	45.8
27-28	0.002533	95,851	243	95,729	4,309,658	45.0
28-29	0.002566	95,608	245	95,485	4,213,928	44.1
29-30	0.002610	95,363	249	95,238	4,118,443	43.2
30-31	0.002656	95,114	253	94,988	4,023,205	42.3
31-32	0.002701	94,861	256	94,733	3,928,217	41.4
32-33	0.002825	94,605	267	94,471	3,833,484	40.5
33-34	0.002798	94,338	264	94,206	3,739,013	39.6
34-35	0.002860	94,074	269	93,939	3,644,807	38.7
35-36	0.002940	93,805	276	93,667	3,550,868	37.9
36-37	0.003049	93,529	285	93,386	3,457,201	37.0
37-38	0.003196	93,244	298	93,095	3,363,814	36.1
38-39	0.003387	92,946	315	92,788	3,270,720	35.2
39-40	0.003618	92,631	335	92,463	3,177,932	34.3

Table 8. Life table for black males: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
40-41	0.003858	92,296	356	92,118	3,085,468	33.4
41-42	0.004127	91,940	379	91,750	2,993,351	32.6
42-43	0.004480	91,560	410	91,355	2,901,601	31.7
43-44	0.004943	91,150	451	90,925	2,810,245	30.8
44-45	0.005499	90,700	499	90,450	2,719,321	30.0
45-46	0.006100	90,201	550	89,926	2,628,870	29.1
46-47	0.006718	89,651	602	89,350	2,538,945	28.3
47-48	0.007376	89,048	657	88,720	2,449,595	27.5
48-49	0.008080	88,392	714	88,034	2,360,875	26.7
49-50	0.008836	87,677	775	87,290	2,272,841	25.9
50-51	0.009671	86,903	840	86,482	2,185,551	25.1
51-52	0.010564	86,062	909	85,608	2,099,068	24.4
52-53	0.011463	85,153	976	84,665	2,013,460	23.6
53-54	0.012325	84,177	1,037	83,658	1,928,795	22.9
54-55	0.013158	83,140	1,094	82,593	1,845,137	22.2
55-56	0.014027	82,046	1,151	81,470	1,762,545	21.5
56-57	0.014969	80,895	1,211	80,289	1,681,074	20.8
57-58	0.015968	79,684	1,272	79,048	1,600,785	20.1
58-59	0.017060	78,411	1,338	77,743	1,521,738	19.4
59-60	0.018279	77,074	1,409	76,369	1,443,995	18.7
60-61	0.019696	75,665	1,490	74,920	1,367,626	18.1
61-62	0.021284	74,175	1,579	73,385	1,292,706	17.4
62-63	0.022901	72,596	1,663	71,765	1,219,321	16.8
63-64	0.024360	70,933	1,728	70,069	1,147,556	16.2
64-65	0.025633	69,205	1,774	68,318	1,077,487	15.6
65-66	0.026806	67,431	1,808	66,528	1,009,168	15.0
66-67	0.028151	65,624	1,847	64,700	942,641	14.4
67-68	0.029796	63,777	1,900	62,826	877,941	13.8
68-69	0.031886	61,876	1,973	60,890	815,114	13.2
69-70	0.034606	59,903	2,073	58,867	754,225	12.6
70-71	0.037586	57,830	2,174	56,743	695,358	12.0
71-72	0.040589	55,657	2,259	54,527	638,615	11.5
72-73	0.043666	53,397	2,332	52,232	584,088	10.9
73-74	0.047257	51,066	2,413	49,859	531,856	10.4
74-75	0.051381	48,653	2,500	47,403	481,997	9.9
75-76	0.055147	46,153	2,545	44,880	434,594	9.4
76-77	0.059976	43,608	2,615	42,300	389,714	8.9
77-78	0.065536	40,992	2,686	39,649	347,414	8.5
78-79	0.070739	38,306	2,710	36,951	307,765	8.0
79-80	0.076508	35,596	2,723	34,234	270,814	7.6

Table 8. Life table for black males: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
80-81	0.083150	32,873	2,733	31,506	236,580	7.2
81-82	0.090847	30,139	2,738	28,770	205,074	6.8
82-83	0.098583	27,401	2,701	26,051	176,303	6.4
83-84	0.106607	24,700	2,633	23,383	150,253	6.1
84-85	0.115152	22,067	2,541	20,796	126,869	5.7
85-86	0.124230	19,526	2,426	18,313	106,073	5.4
86-87	0.133850	17,100	2,289	15,956	87,760	5.1
87-88	0.144017	14,811	2,133	13,745	71,805	4.8
88-89	0.154732	12,678	1,962	11,697	58,060	4.6
89-90	0.165991	10,716	1,779	9,827	46,363	4.3
90-91	0.177785	8,938	1,589	8,143	36,536	4.1
91-92	0.190099	7,349	1,397	6,650	28,393	3.9
92-93	0.202911	5,952	1,208	5,348	21,743	3.7
93-94	0.216196	4,744	1,026	4,231	16,395	3.5
94-95	0.229919	3,718	855	3,291	12,164	3.3
95-96	0.244041	2,863	699	2,514	8,873	3.1
96-97	0.258516	2,165	560	1,885	6,359	2.9
97-98	0.273296	1,605	439	1,386	4,474	2.8
98-99	0.288323	1,166	336	998	3,088	2.6
99-100	0.303539	830	252	704	2,090	2.5
100 and over	1.000000	578	578	1,386	1,386	2.4

Table 9. Life table for black females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
0-1	0.012323	100,000	1,232	98,916	7,622,603	76.2
1-2	0.000627	98,768	62	98,737	7,523,688	76.2
2-3	0.000328	98,706	32	98,690	7,424,951	75.2
3-4	0.000267	98,673	26	98,660	7,326,261	74.2
4-5	0.000303	98,647	30	98,632	7,227,601	73.3
5-6	0.000231	98,617	23	98,606	7,128,969	72.3
6-7	0.000209	98,594	21	98,584	7,030,363	71.3
7-8	0.000191	98,574	19	98,564	6,931,779	70.3
8-9	0.000176	98,555	17	98,546	6,833,214	69.3
9-10	0.000165	98,538	16	98,530	6,734,668	68.3
10-11	0.000159	98,522	16	98,514	6,636,138	67.4
11-12	0.000161	98,506	16	98,498	6,537,625	66.4
12-13	0.000175	98,490	17	98,481	6,439,127	65.4
13-14	0.000201	98,473	20	98,463	6,340,645	64.4
14-15	0.000238	98,453	23	98,441	6,242,183	63.4
15-16	0.000282	98,430	28	98,416	6,143,741	62.4
16-17	0.000328	98,402	32	98,386	6,045,326	61.4
17-18	0.000376	98,370	37	98,351	5,946,940	60.5
18-19	0.000425	98,333	42	98,312	5,848,589	59.5
19-20	0.000476	98,291	47	98,267	5,750,277	58.5
20-21	0.000534	98,244	52	98,218	5,652,010	57.5
21-22	0.000596	98,192	59	98,162	5,553,792	56.6
22-23	0.000653	98,133	64	98,101	5,455,630	55.6
23-24	0.000700	98,069	69	98,035	5,357,529	54.6
24-25	0.000741	98,000	73	97,964	5,259,494	53.7
25-26	0.000784	97,928	77	97,889	5,161,530	52.7
26-27	0.000834	97,851	82	97,810	5,063,641	51.7
27-28	0.000891	97,769	87	97,726	4,965,831	50.8
28-29	0.000959	97,682	94	97,635	4,868,105	49.8
29-30	0.001034	97,589	101	97,538	4,770,470	48.9
30-31	0.001121	97,488	109	97,433	4,672,932	47.9
31-32	0.001215	97,378	118	97,319	4,575,499	47.0
32-33	0.001322	97,260	129	97,196	4,478,180	46.0
33-34	0.001397	97,131	136	97,064	4,380,984	45.1
34-35	0.001489	96,996	144	96,924	4,283,921	44.2
35-36	0.001587	96,851	154	96,774	4,186,997	43.2
36-37	0.001705	96,698	165	96,615	4,090,223	42.3
37-38	0.001859	96,533	179	96,443	3,993,607	41.4
38-39	0.002054	96,353	198	96,254	3,897,164	40.4
39-40	0.002278	96,155	219	96,046	3,800,910	39.5

Table 9. Life table for black females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
40-41	0.002506	95,936	240	95,816	3,704,864	38.6
41-42	0.002736	95,696	262	95,565	3,609,048	37.7
42-43	0.002990	95,434	285	95,292	3,513,483	36.8
43-44	0.003278	95,149	312	94,993	3,418,191	35.9
44-45	0.003598	94,837	341	94,666	3,323,198	35.0
45-46	0.003936	94,496	372	94,310	3,228,532	34.2
46-47	0.004282	94,124	403	93,922	3,134,222	33.3
47-48	0.004646	93,721	435	93,503	3,040,300	32.4
48-49	0.005031	93,285	469	93,051	2,946,797	31.6
49-50	0.005436	92,816	505	92,564	2,853,746	30.7
50-51	0.005883	92,312	543	92,040	2,761,182	29.9
51-52	0.006356	91,769	583	91,477	2,669,142	29.1
52-53	0.006805	91,185	620	90,875	2,577,665	28.3
53-54	0.007202	90,565	652	90,239	2,486,790	27.5
54-55	0.007566	89,913	680	89,572	2,396,552	26.7
55-56	0.007931	89,232	708	88,878	2,306,979	25.9
56-57	0.008353	88,525	739	88,155	2,218,101	25.1
57-58	0.008867	87,785	778	87,396	2,129,946	24.3
58-59	0.009528	87,007	829	86,592	2,042,550	23.5
59-60	0.010345	86,178	892	85,732	1,955,958	22.7
60-61	0.011321	85,286	965	84,803	1,870,226	21.9
61-62	0.012406	84,321	1,046	83,798	1,785,423	21.2
62-63	0.013528	83,275	1,127	82,711	1,701,625	20.4
63-64	0.014573	82,148	1,197	81,549	1,618,914	19.7
64-65	0.015529	80,951	1,257	80,322	1,537,364	19.0
65-66	0.016493	79,694	1,314	79,037	1,457,042	18.3
66-67	0.017563	78,379	1,377	77,691	1,378,005	17.6
67-68	0.018819	77,003	1,449	76,278	1,300,314	16.9
68-69	0.020282	75,554	1,532	74,788	1,224,036	16.2
69-70	0.021899	74,021	1,621	73,211	1,149,248	15.5
70-71	0.023736	72,400	1,719	71,541	1,076,037	14.9
71-72	0.025618	70,682	1,811	69,777	1,004,496	14.2
72-73	0.027735	68,871	1,910	67,916	934,720	13.6
73-74	0.030183	66,961	2,021	65,950	866,804	12.9
74-75	0.032971	64,940	2,141	63,869	800,853	12.3
75-76	0.035922	62,799	2,256	61,671	736,984	11.7
76-77	0.039170	60,543	2,371	59,357	675,313	11.2
77-78	0.043125	58,171	2,509	56,917	615,956	10.6
78-79	0.047564	55,663	2,648	54,339	559,039	10.0
79-80	0.051851	53,015	2,749	51,641	504,700	9.5

Table 9. Life table for black females: United States, 2005

Age	Probability of dying between ages x to x+1 q(x)	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 number of person-years lived above age x T(x)	Expectation of life at age x e(x)
80-81	0.056385	50,266	2,834	48,849	453,059	9.0
81-82	0.061868	47,432	2,935	45,965	404,210	8.5
82-83	0.067811	44,498	3,017	42,989	358,245	8.1
83-84	0.074232	41,480	3,079	39,941	315,256	7.6
84-85	0.081178	38,401	3,117	36,842	275,315	7.2
85-86	0.088678	35,284	3,129	33,719	238,473	6.8
86-87	0.096756	32,155	3,111	30,599	204,754	6.4
87-88	0.105435	29,044	3,062	27,513	174,154	6.0
88-89	0.114736	25,981	2,981	24,491	146,642	5.6
89-90	0.124676	23,000	2,868	21,567	122,151	5.3
90-91	0.135265	20,133	2,723	18,771	100,584	5.0
91-92	0.146511	17,410	2,551	16,134	81,813	4.7
92-93	0.158413	14,859	2,354	13,682	65,679	4.4
93-94	0.170964	12,505	2,138	11,436	51,997	4.2
94-95	0.184150	10,367	1,909	9,413	40,561	3.9
95-96	0.197946	8,458	1,674	7,621	31,148	3.7
96-97	0.212321	6,784	1,440	6,064	23,527	3.5
97-98	0.227233	5,343	1,214	4,736	17,464	3.3
98-99	0.242634	4,129	1,002	3,628	12,727	3.1
99-100	0.258465	3,127	808	2,723	9,099	2.9
100 and over	1.000000	2,319	2,319	6,376	6,376	2.7