

United States Life Tables, 2001

The life table is composed of sets of values showing the mortality experience of a hypothetical group of infants born at the same time and subject throughout their lifetime to the specific mortality risks of a given year. The most frequently used life table statistic is average remaining lifetime or life expectancy ($e(x)$), which is the average number of years of life remaining for persons who have attained a given age (x).

Explanation of the columns of the life table

Age interval (x to $x+n$): This column shows the age interval between the two exact ages indicated.

Proportion dying ($q(x)$): This column shows the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before reaching the end of that age interval.

Number surviving ($l(x)$): This column shows the number of persons, starting with a cohort of 100,000 live births, who survive to the exact age marking the beginning of each age interval.

Number dying ($d(x)$): This column shows the number dying in each successive age interval out of 100,000 live births.

Stationary population ($L(x)$): In a stationary population, the number of persons in the stationary population in the indicated age interval.

Cumulative stationary population ($T(x)$): In a stationary population, the total number of persons in the stationary population in the indicated age interval and all subsequent age intervals.

Average remaining lifetime ($e(x)$): The average remaining lifetime at any given age (life expectancy) is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying.

The following factors are used in calculating the life table; this information is only of interest to those calculating a life table. For further information, see National Center for Health Statistics. U.S. decennial life tables for 1989-91, vol 1, no.2, methodology of the national and State life tables. Hyattsville, Maryland. 1998. or Anderson RN. Method for constructing complete annual life tables. Vital and Health Statistics. 2(129). 1999. (http://www.cdc.gov/nchs/data/sr2_129.pdf)

Table 1. Life table total population: United States, 2001

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	0.006842	100,000	684	99,404	7,716,990	77.2
1-2	0.000518	99,316	51	99,290	7,617,586	76.7
2-3	0.000342	99,264	34	99,247	7,518,296	75.7
3-4	0.000256	99,231	25	99,218	7,419,048	74.8
4-5	0.000214	99,205	21	99,194	7,319,830	73.8
5-6	0.000171	99,184	17	99,175	7,220,636	72.8
6-7	0.000160	99,167	16	99,159	7,121,461	71.8
7-8	0.000144	99,151	14	99,144	7,022,302	70.8
8-9	0.000143	99,137	14	99,130	6,923,158	69.8
9-10	0.000149	99,123	15	99,115	6,824,028	68.8
10-11	0.000149	99,108	15	99,100	6,724,913	67.9
11-12	0.000159	99,093	16	99,085	6,625,813	66.9
12-13	0.000176	99,077	17	99,068	6,526,728	65.9
13-14	0.000211	99,060	21	99,049	6,427,659	64.9
14-15	0.000268	99,039	27	99,026	6,328,610	63.9
15-16	0.000361	99,012	36	98,995	6,229,584	62.9
16-17	0.000539	98,977	53	98,950	6,130,590	61.9
17-18	0.000690	98,923	68	98,889	6,031,640	61.0
18-19	0.000832	98,855	82	98,814	5,932,751	60.0
19-20	0.000919	98,773	91	98,727	5,833,937	59.1
20-21	0.000910	98,682	90	98,637	5,735,209	58.1
21-22	0.001000	98,592	99	98,543	5,636,572	57.2
22-23	0.000948	98,494	93	98,447	5,538,029	56.2
23-24	0.000945	98,400	93	98,354	5,439,582	55.3
24-25	0.000946	98,307	93	98,261	5,341,228	54.3
25-26	0.000920	98,214	90	98,169	5,242,967	53.4
26-27	0.000954	98,124	94	98,077	5,144,798	52.4
27-28	0.000945	98,030	93	97,984	5,046,721	51.5
28-29	0.000998	97,938	98	97,889	4,948,737	50.5
29-30	0.000989	97,840	97	97,792	4,850,848	49.6
30-31	0.001044	97,743	102	97,692	4,753,057	48.6
31-32	0.001027	97,641	100	97,591	4,655,365	47.7
32-33	0.001112	97,541	108	97,487	4,557,774	46.7
33-34	0.001211	97,432	118	97,373	4,460,287	45.8
34-35	0.001291	97,314	126	97,252	4,362,914	44.8

35-36	0.001412	97,189	137	97,120	4,265,662	43.9
36-37	0.001482	97,052	144	96,980	4,168,542	43.0
37-38	0.001647	96,908	160	96,828	4,071,562	42.0
38-39	0.001809	96,748	175	96,661	3,974,734	41.1
39-40	0.001915	96,573	185	96,481	3,878,074	40.2
40-41	0.002072	96,388	200	96,288	3,781,593	39.2
41-42	0.002169	96,189	209	96,084	3,685,304	38.3
42-43	0.002356	95,980	226	95,867	3,589,220	37.4
43-44	0.002613	95,754	250	95,629	3,493,353	36.5
44-45	0.002825	95,504	270	95,369	3,397,725	35.6
45-46	0.003046	95,234	290	95,089	3,302,356	34.7
46-47	0.003240	94,944	308	94,790	3,207,267	33.8
47-48	0.003564	94,636	337	94,467	3,112,477	32.9
48-49	0.003804	94,299	359	94,119	3,018,010	32.0
49-50	0.004130	93,940	388	93,746	2,923,890	31.1
50-51	0.004413	93,552	413	93,346	2,830,144	30.3
51-52	0.004622	93,139	430	92,924	2,736,798	29.4
52-53	0.005080	92,709	471	92,473	2,643,874	28.5
53-54	0.005370	92,238	495	91,990	2,551,401	27.7
54-55	0.006144	91,743	564	91,461	2,459,411	26.8
55-56	0.006106	91,179	557	90,900	2,367,950	26.0
56-57	0.007100	90,622	643	90,300	2,277,050	25.1
57-58	0.007754	89,979	698	89,630	2,186,750	24.3
58-59	0.008765	89,281	783	88,890	2,097,120	23.5
59-60	0.008964	88,498	793	88,102	2,008,230	22.7
60-61	0.010152	87,705	890	87,260	1,920,129	21.9
61-62	0.010869	86,815	944	86,343	1,832,869	21.1
62-63	0.012066	85,871	1,036	85,353	1,746,526	20.3
63-64	0.013155	84,835	1,116	84,277	1,661,173	19.6
64-65	0.014333	83,719	1,200	83,119	1,576,896	18.8
65-66	0.015584	82,519	1,286	81,876	1,493,777	18.1
66-67	0.016855	81,233	1,369	80,548	1,411,901	17.4
67-68	0.018535	79,864	1,480	79,124	1,331,353	16.7
68-69	0.020125	78,384	1,578	77,595	1,252,229	16.0
69-70	0.021928	76,806	1,684	75,964	1,174,634	15.3
70-71	0.023668	75,122	1,778	74,233	1,098,670	14.6
71-72	0.025812	73,344	1,893	72,397	1,024,437	14.0
72-73	0.028285	71,451	2,021	70,440	952,040	13.3
73-74	0.031088	69,430	2,158	68,350	881,600	12.7
74-75	0.033548	67,271	2,257	66,143	813,249	12.1
75-76	0.036749	65,014	2,389	63,820	747,106	11.5
76-77	0.040177	62,625	2,516	61,367	683,286	10.9

77-78	0.043642	60,109	2,623	58,798	621,919	10.3
78-79	0.048232	57,486	2,773	56,100	563,122	9.8
79-80	0.052885	54,713	2,894	53,266	507,022	9.3
80-81	0.057067	51,820	2,957	50,341	453,756	8.8
81-82	0.065032	48,863	3,178	47,274	403,414	8.3
82-83	0.067581	45,685	3,087	44,141	356,141	7.8
83-84	0.077566	42,597	3,304	40,945	312,000	7.3
84-85	0.085272	39,293	3,351	37,618	271,054	6.9
85-86	0.093544	35,943	3,362	34,262	233,436	6.5
86-87	0.102375	32,580	3,335	30,913	199,175	6.1
87-88	0.111774	29,245	3,269	27,611	168,262	5.8
88-89	0.121744	25,976	3,162	24,395	140,651	5.4
89-90	0.132290	22,814	3,018	21,305	116,256	5.1
90-91	0.143407	19,796	2,839	18,376	94,952	4.8
91-92	0.155088	16,957	2,630	15,642	76,575	4.5
92-93	0.167323	14,327	2,397	13,128	60,933	4.3
93-94	0.180093	11,930	2,148	10,856	47,805	4.0
94-95	0.193378	9,781	1,891	8,836	36,949	3.8
95-96	0.207148	7,890	1,634	7,073	28,114	3.6
96-97	0.221372	6,255	1,385	5,563	21,041	3.4
97-98	0.236010	4,871	1,150	4,296	15,478	3.2
98-99	0.251018	3,721	934	3,254	11,182	3.0
99-100	0.266346	2,787	742	2,416	7,928	2.8
<u>100+</u>	1.000000	2,045	2,045	5,512	5,512	2.7

Table 2. Life table for males: United States, 2001

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	0.007514	100,000	751	99,344	7,443,406	74.4
1-2	0.000561	99,249	56	99,221	7,344,062	74.0
2-3	0.000383	99,193	38	99,174	7,244,841	73.0
3-4	0.000287	99,155	28	99,141	7,145,668	72.1
4-5	0.000245	99,126	24	99,114	7,046,527	71.1
5-6	0.000190	99,102	19	99,093	6,947,413	70.1
6-7	0.000173	99,083	17	99,075	6,848,320	69.1
7-8	0.000149	99,066	15	99,059	6,749,245	68.1
8-9	0.000161	99,051	16	99,043	6,650,187	67.1
9-10	0.000163	99,035	16	99,027	6,551,143	66.1
10-11	0.000179	99,019	18	99,010	6,452,116	65.2
11-12	0.000186	99,001	18	98,992	6,353,106	64.2
12-13	0.000203	98,983	20	98,973	6,254,113	63.2
13-14	0.000256	98,963	25	98,950	6,155,140	62.2
14-15	0.000322	98,938	32	98,922	6,056,190	61.2
15-16	0.000463	98,906	46	98,883	5,957,268	60.2
16-17	0.000693	98,860	69	98,826	5,858,386	59.3
17-18	0.000929	98,791	92	98,746	5,759,560	58.3
18-19	0.001215	98,700	120	98,640	5,660,814	57.4
19-20	0.001376	98,580	136	98,512	5,562,175	56.4
20-21	0.001355	98,444	133	98,377	5,463,663	55.5
21-22	0.001498	98,311	147	98,237	5,365,285	54.6
22-23	0.001429	98,163	140	98,093	5,267,048	53.7
23-24	0.001379	98,023	135	97,956	5,168,955	52.7
24-25	0.001388	97,888	136	97,820	5,070,999	51.8
25-26	0.001312	97,752	128	97,688	4,973,179	50.9
26-27	0.001381	97,624	135	97,556	4,875,491	49.9
27-28	0.001330	97,489	130	97,424	4,777,935	49.0
28-29	0.001395	97,359	136	97,291	4,680,510	48.1
29-30	0.001356	97,224	132	97,158	4,583,219	47.1
30-31	0.001420	97,092	138	97,023	4,486,061	46.2
31-32	0.001402	96,954	136	96,886	4,389,039	45.3
32-33	0.001455	96,818	141	96,747	4,292,153	44.3
33-34	0.001598	96,677	155	96,600	4,195,405	43.4
34-35	0.001693	96,522	163	96,441	4,098,806	42.5

35-36	0.001861	96,359	179	96,269	4,002,365	41.5
36-37	0.001904	96,180	183	96,088	3,906,095	40.6
37-38	0.002144	95,997	206	95,894	3,810,007	39.7
38-39	0.002316	95,791	222	95,680	3,714,114	38.8
39-40	0.002425	95,569	232	95,453	3,618,434	37.9
40-41	0.002619	95,337	250	95,212	3,522,981	37.0
41-42	0.002761	95,087	263	94,956	3,427,769	36.0
42-43	0.002984	94,825	283	94,683	3,332,813	35.1
43-44	0.003308	94,542	313	94,385	3,238,129	34.3
44-45	0.003578	94,229	337	94,060	3,143,744	33.4
45-46	0.003869	93,892	363	93,710	3,049,684	32.5
46-47	0.004133	93,529	387	93,335	2,955,973	31.6
47-48	0.004602	93,142	429	92,928	2,862,638	30.7
48-49	0.004956	92,713	459	92,484	2,769,710	29.9
49-50	0.005269	92,254	486	92,011	2,677,227	29.0
50-51	0.005672	91,768	520	91,508	2,585,216	28.2
51-52	0.005921	91,247	540	90,977	2,493,708	27.3
52-53	0.006390	90,707	580	90,417	2,402,731	26.5
53-54	0.006657	90,127	600	89,827	2,312,314	25.7
54-55	0.007689	89,527	688	89,183	2,222,486	24.8
55-56	0.007635	88,839	678	88,500	2,133,303	24.0
56-57	0.008836	88,161	779	87,771	2,044,803	23.2
57-58	0.009609	87,382	840	86,962	1,957,032	22.4
58-59	0.010888	86,542	942	86,071	1,870,070	21.6
59-60	0.011055	85,600	946	85,127	1,783,999	20.8
60-61	0.012655	84,654	1,071	84,118	1,698,872	20.1
61-62	0.013447	83,582	1,124	83,020	1,614,754	19.3
62-63	0.014886	82,458	1,227	81,845	1,531,734	18.6
63-64	0.016144	81,231	1,311	80,575	1,449,889	17.8
64-65	0.017683	79,920	1,413	79,213	1,369,314	17.1
65-66	0.019336	78,506	1,518	77,747	1,290,101	16.4
66-67	0.020753	76,988	1,598	76,189	1,212,354	15.7
67-68	0.022885	75,391	1,725	74,528	1,136,164	15.1
68-69	0.024918	73,665	1,836	72,748	1,061,636	14.4
69-70	0.027213	71,830	1,955	70,852	988,889	13.8
70-71	0.029353	69,875	2,051	68,850	918,037	13.1
71-72	0.032024	67,824	2,172	66,738	849,187	12.5
72-73	0.035287	65,652	2,317	64,494	782,449	11.9
73-74	0.038765	63,335	2,455	62,108	717,955	11.3
74-75	0.041805	60,880	2,545	59,608	655,848	10.8
75-76	0.045947	58,335	2,680	56,995	596,240	10.2
76-77	0.049957	55,655	2,780	54,265	539,245	9.7

77-78	0.054345	52,874	2,873	51,438	484,981	9.2
78-79	0.059778	50,001	2,989	48,506	433,543	8.7
79-80	0.065593	47,012	3,084	45,470	385,037	8.2
80-81	0.069941	43,928	3,072	42,392	339,566	7.7
81-82	0.080467	40,856	3,288	39,212	297,174	7.3
82-83	0.082817	37,568	3,111	36,013	257,962	6.9
83-84	0.094767	34,457	3,265	32,824	221,949	6.4
84-85	0.103118	31,192	3,216	29,583	189,125	6.1
85-86	0.112798	27,975	3,156	26,397	159,542	5.7
86-87	0.123054	24,820	3,054	23,293	133,144	5.4
87-88	0.133878	21,766	2,914	20,309	109,851	5.0
88-89	0.145260	18,852	2,738	17,482	89,543	4.7
89-90	0.157184	16,113	2,533	14,847	72,060	4.5
90-91	0.169625	13,580	2,304	12,429	57,214	4.2
91-92	0.182557	11,277	2,059	10,248	44,785	4.0
92-93	0.195942	9,218	1,806	8,315	34,537	3.7
93-94	0.209739	7,412	1,555	6,635	26,222	3.5
94-95	0.223901	5,857	1,311	5,202	19,588	3.3
95-96	0.238372	4,546	1,084	4,004	14,386	3.2
96-97	0.253091	3,462	876	3,024	10,382	3.0
97-98	0.267992	2,586	693	2,240	7,358	2.8
98-99	0.283003	1,893	536	1,625	5,118	2.7
99-100	0.298045	1,357	405	1,155	3,493	2.6
<u>100+</u>	1.000000	953	953	2,338	2,338	2.5

Table 3. Life table for females: United States, 2001

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	0.006139	100,000	614	99,467	7,977,430	79.8
1-2	0.000472	99,386	47	99,363	7,877,963	79.3
2-3	0.000298	99,339	30	99,324	7,778,600	78.3
3-4	0.000224	99,310	22	99,298	7,679,276	77.3
4-5	0.000183	99,287	18	99,278	7,579,977	76.3
5-6	0.000150	99,269	15	99,262	7,480,699	75.4
6-7	0.000146	99,254	15	99,247	7,381,437	74.4
7-8	0.000140	99,240	14	99,233	7,282,190	73.4
8-9	0.000123	99,226	12	99,220	7,182,957	72.4
9-10	0.000135	99,214	13	99,207	7,083,737	71.4
10-11	0.000118	99,200	12	99,194	6,984,530	70.4
11-12	0.000130	99,189	13	99,182	6,885,336	69.4
12-13	0.000147	99,176	15	99,168	6,786,154	68.4
13-14	0.000163	99,161	16	99,153	6,686,985	67.4
14-15	0.000211	99,145	21	99,134	6,587,832	66.4
15-16	0.000253	99,124	25	99,111	6,488,698	65.5
16-17	0.000376	99,099	37	99,080	6,389,586	64.5
17-18	0.000436	99,062	43	99,040	6,290,506	63.5
18-19	0.000423	99,019	42	98,998	6,191,466	62.5
19-20	0.000437	98,977	43	98,955	6,092,468	61.6
20-21	0.000445	98,933	44	98,911	5,993,513	60.6
21-22	0.000479	98,889	47	98,866	5,894,602	59.6
22-23	0.000440	98,842	43	98,820	5,795,736	58.6
23-24	0.000491	98,798	48	98,774	5,696,916	57.7
24-25	0.000486	98,750	48	98,726	5,598,142	56.7
25-26	0.000514	98,702	51	98,677	5,499,416	55.7
26-27	0.000511	98,651	50	98,626	5,400,739	54.7
27-28	0.000551	98,601	54	98,574	5,302,113	53.8
28-29	0.000590	98,547	58	98,517	5,203,539	52.8
29-30	0.000616	98,488	61	98,458	5,105,022	51.8
30-31	0.000661	98,428	65	98,395	5,006,564	50.9
31-32	0.000642	98,363	63	98,331	4,908,169	49.9
32-33	0.000763	98,299	75	98,262	4,809,838	48.9
33-34	0.000819	98,224	80	98,184	4,711,576	48.0
34-35	0.000886	98,144	87	98,101	4,613,391	47.0

35-36	0.000961	98,057	94	98,010	4,515,291	46.0
36-37	0.001056	97,963	103	97,911	4,417,281	45.1
37-38	0.001151	97,859	113	97,803	4,319,370	44.1
38-39	0.001307	97,747	128	97,683	4,221,567	43.2
39-40	0.001409	97,619	138	97,550	4,123,884	42.2
40-41	0.001531	97,481	149	97,407	4,026,334	41.3
41-42	0.001580	97,332	154	97,255	3,928,927	40.4
42-43	0.001740	97,178	169	97,094	3,831,672	39.4
43-44	0.001931	97,009	187	96,916	3,734,578	38.5
44-45	0.002087	96,822	202	96,721	3,637,663	37.6
45-46	0.002245	96,620	217	96,511	3,540,942	36.6
46-47	0.002367	96,403	228	96,289	3,444,430	35.7
47-48	0.002558	96,175	246	96,052	3,348,141	34.8
48-49	0.002691	95,929	258	95,800	3,252,089	33.9
49-50	0.003031	95,671	290	95,526	3,156,290	33.0
50-51	0.003204	95,381	306	95,228	3,060,764	32.1
51-52	0.003371	95,075	320	94,915	2,965,536	31.2
52-53	0.003827	94,755	363	94,573	2,870,621	30.3
53-54	0.004135	94,392	390	94,197	2,776,048	29.4
54-55	0.004670	94,002	439	93,782	2,681,851	28.5
55-56	0.004653	93,563	435	93,345	2,588,069	27.7
56-57	0.005462	93,127	509	92,873	2,494,724	26.8
57-58	0.006015	92,619	557	92,340	2,401,851	25.9
58-59	0.006783	92,062	624	91,749	2,309,511	25.1
59-60	0.007026	91,437	642	91,116	2,217,761	24.3
60-61	0.007851	90,795	713	90,438	2,126,645	23.4
61-62	0.008514	90,082	767	89,698	2,036,207	22.6
62-63	0.009501	89,315	849	88,891	1,946,509	21.8
63-64	0.010446	88,466	924	88,004	1,857,618	21.0
64-65	0.011333	87,542	992	87,046	1,769,614	20.2
65-66	0.012269	86,550	1,062	86,019	1,682,567	19.4
66-67	0.013440	85,488	1,149	84,914	1,596,548	18.7
67-68	0.014782	84,339	1,247	83,716	1,511,634	17.9
68-69	0.016033	83,093	1,332	82,427	1,427,918	17.2
69-70	0.017475	81,760	1,429	81,046	1,345,492	16.5
70-71	0.018957	80,332	1,523	79,570	1,264,446	15.7
71-72	0.020756	78,809	1,636	77,991	1,184,875	15.0
72-73	0.022680	77,173	1,750	76,298	1,106,884	14.3
73-74	0.025054	75,423	1,890	74,478	1,030,586	13.7
74-75	0.027220	73,533	2,002	72,532	956,108	13.0
75-76	0.029917	71,532	2,140	70,462	883,576	12.4
76-77	0.033122	69,392	2,298	68,242	813,114	11.7

77-78	0.036096	67,093	2,422	65,882	744,872	11.1
78-79	0.040288	64,671	2,605	63,369	678,990	10.5
79-80	0.044384	62,066	2,755	60,689	615,621	9.9
80-81	0.048711	59,311	2,889	57,867	554,933	9.4
81-82	0.055410	56,422	3,126	54,859	497,066	8.8
82-83	0.058363	53,296	3,111	51,740	442,207	8.3
83-84	0.067546	50,185	3,390	48,490	390,467	7.8
84-85	0.075399	46,795	3,528	45,031	341,976	7.3
85-86	0.083602	43,267	3,617	41,458	296,945	6.9
86-87	0.092418	39,650	3,664	37,818	255,487	6.4
87-88	0.101854	35,986	3,665	34,153	217,669	6.0
88-89	0.111914	32,320	3,617	30,512	183,516	5.7
89-90	0.122596	28,703	3,519	26,944	153,004	5.3
90-91	0.133891	25,184	3,372	23,498	126,061	5.0
91-92	0.145784	21,812	3,180	20,222	102,562	4.7
92-93	0.158253	18,632	2,949	17,158	82,340	4.4
93-94	0.171269	15,684	2,686	14,341	65,182	4.2
94-95	0.184795	12,998	2,402	11,797	50,841	3.9
95-96	0.198786	10,596	2,106	9,543	39,044	3.7
96-97	0.213189	8,489	1,810	7,585	29,502	3.5
97-98	0.227944	6,680	1,523	5,918	21,917	3.3
98-99	0.242983	5,157	1,253	4,530	15,999	3.1
99-100	0.258231	3,904	1,008	3,400	11,469	2.9
<u>100+</u>	1.000000	2,896	2,896	8,069	8,069	2.8

Table 4. Life table for the white population: United States, 2001

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	0.005648	100,000	565	99,506	7,767,517	77.7
1-2	0.000464	99,435	46	99,412	7,668,011	77.1
2-3	0.000323	99,389	32	99,373	7,568,599	76.2
3-4	0.000237	99,357	24	99,345	7,469,226	75.2
4-5	0.000201	99,333	20	99,323	7,369,880	74.2
5-6	0.000161	99,313	16	99,305	7,270,557	73.2
6-7	0.000150	99,297	15	99,290	7,171,252	72.2
7-8	0.000140	99,282	14	99,275	7,071,962	71.2
8-9	0.000135	99,269	13	99,262	6,972,686	70.2
9-10	0.000132	99,255	13	99,249	6,873,425	69.3
10-11	0.000135	99,242	13	99,235	6,774,176	68.3
11-12	0.000143	99,229	14	99,222	6,674,941	67.3
12-13	0.000164	99,214	16	99,206	6,575,719	66.3
13-14	0.000202	99,198	20	99,188	6,476,513	65.3
14-15	0.000257	99,178	25	99,165	6,377,325	64.3
15-16	0.000345	99,153	34	99,136	6,278,159	63.3
16-17	0.000529	99,118	52	99,092	6,179,024	62.3
17-18	0.000672	99,066	67	99,033	6,079,932	61.4
18-19	0.000785	99,000	78	98,961	5,980,899	60.4
19-20	0.000875	98,922	87	98,879	5,881,938	59.5
20-21	0.000847	98,835	84	98,793	5,783,060	58.5
21-22	0.000933	98,752	92	98,705	5,684,266	57.6
22-23	0.000866	98,659	85	98,617	5,585,561	56.6
23-24	0.000849	98,574	84	98,532	5,486,944	55.7
24-25	0.000854	98,490	84	98,448	5,388,412	54.7
25-26	0.000833	98,406	82	98,365	5,289,964	53.8
26-27	0.000865	98,324	85	98,282	5,191,599	52.8
27-28	0.000856	98,239	84	98,197	5,093,317	51.8
28-29	0.000904	98,155	89	98,111	4,995,120	50.9
29-30	0.000886	98,066	87	98,023	4,897,009	49.9
30-31	0.000948	97,979	93	97,933	4,798,986	49.0
31-32	0.000932	97,886	91	97,841	4,701,054	48.0
32-33	0.001002	97,795	98	97,746	4,603,213	47.1
33-34	0.001092	97,697	107	97,644	4,505,466	46.1
34-35	0.001170	97,591	114	97,533	4,407,823	45.2

35-36	0.001273	97,476	124	97,414	4,310,289	44.2
36-37	0.001349	97,352	131	97,287	4,212,875	43.3
37-38	0.001505	97,221	146	97,148	4,115,588	42.3
38-39	0.001652	97,075	160	96,994	4,018,440	41.4
39-40	0.001749	96,914	169	96,830	3,921,446	40.5
40-41	0.001905	96,745	184	96,653	3,824,616	39.5
41-42	0.001965	96,560	190	96,466	3,727,964	38.6
42-43	0.002135	96,371	206	96,268	3,631,498	37.7
43-44	0.002368	96,165	228	96,051	3,535,230	36.8
44-45	0.002571	95,937	247	95,814	3,439,179	35.8
45-46	0.002751	95,691	263	95,559	3,343,365	34.9
46-47	0.002937	95,427	280	95,287	3,247,806	34.0
47-48	0.003269	95,147	311	94,992	3,152,519	33.1
48-49	0.003470	94,836	329	94,671	3,057,528	32.2
49-50	0.003751	94,507	354	94,330	2,962,856	31.4
50-51	0.004017	94,152	378	93,963	2,868,527	30.5
51-52	0.004228	93,774	396	93,576	2,774,563	29.6
52-53	0.004631	93,378	432	93,162	2,680,987	28.7
53-54	0.004956	92,945	461	92,715	2,587,825	27.8
54-55	0.005721	92,485	529	92,220	2,495,110	27.0
55-56	0.005674	91,956	522	91,695	2,402,890	26.1
56-57	0.006648	91,434	608	91,130	2,311,196	25.3
57-58	0.007251	90,826	659	90,497	2,220,066	24.4
58-59	0.008267	90,167	745	89,795	2,129,569	23.6
59-60	0.008405	89,422	752	89,046	2,039,774	22.8
60-61	0.009697	88,670	860	88,240	1,950,728	22.0
61-62	0.010291	87,811	904	87,359	1,862,487	21.2
62-63	0.011517	86,907	1,001	86,406	1,775,129	20.4
63-64	0.012629	85,906	1,085	85,364	1,688,722	19.7
64-65	0.013717	84,821	1,164	84,239	1,603,359	18.9
65-66	0.014973	83,658	1,253	83,031	1,519,119	18.2
66-67	0.016202	82,405	1,335	81,737	1,436,088	17.4
67-68	0.017963	81,070	1,456	80,342	1,354,351	16.7
68-69	0.019406	79,614	1,545	78,841	1,274,009	16.0
69-70	0.021286	78,069	1,662	77,238	1,195,168	15.3
70-71	0.023178	76,407	1,771	75,521	1,117,930	14.6
71-72	0.025202	74,636	1,881	73,695	1,042,409	14.0
72-73	0.027708	72,755	2,016	71,747	968,714	13.3
73-74	0.030537	70,739	2,160	69,659	896,967	12.7
74-75	0.033030	68,579	2,265	67,446	827,308	12.1
75-76	0.036166	66,314	2,398	65,115	759,862	11.5
76-77	0.039668	63,915	2,535	62,648	694,747	10.9

77-78	0.043173	61,380	2,650	60,055	632,099	10.3
78-79	0.047806	58,730	2,808	57,326	572,044	9.7
79-80	0.052496	55,922	2,936	54,455	514,718	9.2
80-81	0.056778	52,987	3,008	51,482	460,264	8.7
81-82	0.064946	49,978	3,246	48,355	408,781	8.2
82-83	0.067531	46,732	3,156	45,154	360,426	7.7
83-84	0.077573	43,576	3,380	41,886	315,272	7.2
84-85	0.085569	40,196	3,440	38,476	273,385	6.8
85-86	0.093978	36,757	3,454	35,029	234,909	6.4
86-87	0.103018	33,302	3,431	31,587	199,880	6.0
87-88	0.112713	29,872	3,367	28,188	168,293	5.6
88-89	0.123086	26,505	3,262	24,873	140,105	5.3
89-90	0.134159	23,242	3,118	21,683	115,231	5.0
90-91	0.145951	20,124	2,937	18,656	93,548	4.6
91-92	0.158477	17,187	2,724	15,825	74,893	4.4
92-93	0.171752	14,463	2,484	13,221	59,067	4.1
93-94	0.185786	11,979	2,226	10,866	45,846	3.8
94-95	0.200585	9,754	1,956	8,775	34,980	3.6
95-96	0.216152	7,797	1,685	6,954	26,205	3.4
96-97	0.232484	6,112	1,421	5,401	19,250	3.1
97-98	0.249576	4,691	1,171	4,106	13,849	3.0
98-99	0.267416	3,520	941	3,049	9,743	2.8
99-100	0.285987	2,579	738	2,210	6,694	2.6
<u>100+</u>	1.000000	1,841	1,841	4,484	4,484	2.4

Table 5. Life table for white males: United States, 2001

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	0.006209	100,000	621	99,455	7,502,748	75.0
1-2	0.000503	99,379	50	99,354	7,403,292	74.5
2-3	0.000364	99,329	36	99,311	7,303,938	73.5
3-4	0.000269	99,293	27	99,280	7,204,627	72.6
4-5	0.000229	99,266	23	99,255	7,105,348	71.6
5-6	0.000172	99,243	17	99,235	7,006,093	70.6
6-7	0.000160	99,226	16	99,218	6,906,858	69.6
7-8	0.000144	99,211	14	99,203	6,807,639	68.6
8-9	0.000148	99,196	15	99,189	6,708,436	67.6
9-10	0.000143	99,182	14	99,174	6,609,247	66.6
10-11	0.000159	99,167	16	99,159	6,510,073	65.6
11-12	0.000164	99,152	16	99,143	6,410,913	64.7
12-13	0.000188	99,135	19	99,126	6,311,770	63.7
13-14	0.000245	99,117	24	99,105	6,212,644	62.7
14-15	0.000316	99,092	31	99,077	6,113,539	61.7
15-16	0.000432	99,061	43	99,040	6,014,463	60.7
16-17	0.000658	99,018	65	98,986	5,915,423	59.7
17-18	0.000888	98,953	88	98,909	5,816,437	58.8
18-19	0.001130	98,865	112	98,809	5,717,528	57.8
19-20	0.001296	98,754	128	98,690	5,618,718	56.9
20-21	0.001246	98,625	123	98,564	5,520,029	56.0
21-22	0.001390	98,503	137	98,434	5,421,465	55.0
22-23	0.001300	98,366	128	98,302	5,323,031	54.1
23-24	0.001237	98,238	122	98,177	5,224,729	53.2
24-25	0.001227	98,116	120	98,056	5,126,552	52.2
25-26	0.001179	97,996	116	97,938	5,028,496	51.3
26-27	0.001244	97,880	122	97,819	4,930,558	50.4
27-28	0.001196	97,759	117	97,700	4,832,739	49.4
28-29	0.001275	97,642	125	97,579	4,735,038	48.5
29-30	0.001222	97,517	119	97,458	4,637,459	47.6
30-31	0.001283	97,398	125	97,336	4,540,001	46.6
31-32	0.001274	97,273	124	97,211	4,442,666	45.7
32-33	0.001315	97,149	128	97,085	4,345,455	44.7
33-34	0.001455	97,021	141	96,951	4,248,370	43.8
34-35	0.001555	96,880	151	96,805	4,151,419	42.9

35-36	0.001701	96,730	165	96,647	4,054,614	41.9
36-37	0.001755	96,565	170	96,480	3,957,966	41.0
37-38	0.001963	96,396	189	96,301	3,861,486	40.1
38-39	0.002153	96,206	207	96,103	3,765,185	39.1
39-40	0.002225	95,999	214	95,892	3,669,082	38.2
40-41	0.002454	95,786	235	95,668	3,573,190	37.3
41-42	0.002532	95,550	242	95,429	3,477,522	36.4
42-43	0.002750	95,309	262	95,177	3,382,093	35.5
43-44	0.003043	95,046	289	94,902	3,286,915	34.6
44-45	0.003296	94,757	312	94,601	3,192,013	33.7
45-46	0.003515	94,445	332	94,279	3,097,412	32.8
46-47	0.003771	94,113	355	93,935	3,003,133	31.9
47-48	0.004230	93,758	397	93,560	2,909,198	31.0
48-49	0.004556	93,361	425	93,149	2,815,638	30.2
49-50	0.004829	92,936	449	92,712	2,722,489	29.3
50-51	0.005197	92,487	481	92,247	2,629,778	28.4
51-52	0.005422	92,007	499	91,757	2,537,531	27.6
52-53	0.005810	91,508	532	91,242	2,445,774	26.7
53-54	0.006149	90,976	559	90,696	2,354,532	25.9
54-55	0.007162	90,417	648	90,093	2,263,836	25.0
55-56	0.007091	89,769	637	89,451	2,173,743	24.2
56-57	0.008278	89,132	738	88,764	2,084,292	23.4
57-58	0.008943	88,395	791	87,999	1,995,528	22.6
58-59	0.010244	87,604	897	87,155	1,907,529	21.8
59-60	0.010333	86,707	896	86,259	1,820,374	21.0
60-61	0.012061	85,811	1,035	85,293	1,734,115	20.2
61-62	0.012683	84,776	1,075	84,238	1,648,821	19.4
62-63	0.014195	83,701	1,188	83,107	1,564,583	18.7
63-64	0.015498	82,513	1,279	81,873	1,481,477	18.0
64-65	0.016958	81,234	1,378	80,545	1,399,604	17.2
65-66	0.018546	79,856	1,481	79,116	1,319,059	16.5
66-67	0.019952	78,375	1,564	77,593	1,239,943	15.8
67-68	0.022179	76,811	1,704	75,960	1,162,350	15.1
68-69	0.024085	75,108	1,809	74,203	1,086,390	14.5
69-70	0.026451	73,299	1,939	72,329	1,012,187	13.8
70-71	0.028731	71,360	2,050	70,335	939,858	13.2
71-72	0.031181	69,310	2,161	68,229	869,523	12.5
72-73	0.034494	67,149	2,316	65,990	801,294	11.9
73-74	0.038025	64,832	2,465	63,600	735,303	11.3
74-75	0.041166	62,367	2,567	61,083	671,703	10.8
75-76	0.045265	59,800	2,707	58,446	610,620	10.2
76-77	0.049356	57,093	2,818	55,684	552,174	9.7

77-78	0.053752	54,275	2,917	52,816	496,490	9.1
78-79	0.059270	51,358	3,044	49,836	443,673	8.6
79-80	0.065062	48,314	3,143	46,742	393,838	8.2
80-81	0.069530	45,170	3,141	43,600	347,096	7.7
81-82	0.080419	42,030	3,380	40,340	303,496	7.2
82-83	0.082501	38,650	3,189	37,055	263,156	6.8
83-84	0.094809	35,461	3,362	33,780	226,101	6.4
84-85	0.103387	32,099	3,319	30,440	192,321	6.0
85-86	0.113277	28,780	3,260	27,150	161,882	5.6
86-87	0.123817	25,520	3,160	23,940	134,731	5.3
87-88	0.135015	22,360	3,019	20,851	110,791	5.0
88-89	0.146874	19,341	2,841	17,921	89,940	4.7
89-90	0.159393	16,501	2,630	15,186	72,019	4.4
90-91	0.172567	13,871	2,394	12,674	56,834	4.1
91-92	0.186383	11,477	2,139	10,407	44,160	3.8
92-93	0.200825	9,338	1,875	8,400	33,752	3.6
93-94	0.215870	7,463	1,611	6,657	25,352	3.4
94-95	0.231487	5,852	1,355	5,174	18,695	3.2
95-96	0.247642	4,497	1,114	3,940	13,521	3.0
96-97	0.264292	3,383	894	2,936	9,581	2.8
97-98	0.281388	2,489	700	2,139	6,644	2.7
98-99	0.298875	1,789	535	1,521	4,505	2.5
99-100	0.316690	1,254	397	1,056	2,984	2.4
<u>100+</u>	1.000000	857	857	1,928	1,928	2.3

Table 6. Life table for white females: United States, 2001

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	0.005059	100,000	506	99,558	8,021,551	80.2
1-2	0.000424	99,494	42	99,473	7,921,992	79.6
2-3	0.000281	99,452	28	99,438	7,822,519	78.7
3-4	0.000203	99,424	20	99,414	7,723,082	77.7
4-5	0.000172	99,404	17	99,395	7,623,668	76.7
5-6	0.000150	99,387	15	99,379	7,524,272	75.7
6-7	0.000140	99,372	14	99,365	7,424,893	74.7
7-8	0.000136	99,358	13	99,351	7,325,528	73.7
8-9	0.000121	99,344	12	99,338	7,226,177	72.7
9-10	0.000121	99,332	12	99,326	7,126,839	71.7
10-11	0.000109	99,320	11	99,315	7,027,513	70.8
11-12	0.000122	99,309	12	99,303	6,928,198	69.8
12-13	0.000138	99,297	14	99,291	6,828,895	68.8
13-14	0.000157	99,284	16	99,276	6,729,604	67.8
14-15	0.000195	99,268	19	99,258	6,630,328	66.8
15-16	0.000252	99,249	25	99,236	6,531,070	65.8
16-17	0.000392	99,224	39	99,204	6,431,834	64.8
17-18	0.000441	99,185	44	99,163	6,332,629	63.8
18-19	0.000413	99,141	41	99,121	6,233,466	62.9
19-20	0.000426	99,100	42	99,079	6,134,346	61.9
20-21	0.000425	99,058	42	99,037	6,035,267	60.9
21-22	0.000448	99,016	44	98,994	5,936,230	60.0
22-23	0.000400	98,972	40	98,952	5,837,236	59.0
23-24	0.000433	98,932	43	98,911	5,738,284	58.0
24-25	0.000456	98,889	45	98,867	5,639,374	57.0
25-26	0.000466	98,844	46	98,821	5,540,507	56.1
26-27	0.000461	98,798	46	98,775	5,441,686	55.1
27-28	0.000499	98,752	49	98,728	5,342,911	54.1
28-29	0.000516	98,703	51	98,678	5,244,183	53.1
29-30	0.000534	98,652	53	98,626	5,145,506	52.2
30-31	0.000598	98,599	59	98,570	5,046,880	51.2
31-32	0.000574	98,540	57	98,512	4,948,310	50.2
32-33	0.000678	98,484	67	98,451	4,849,798	49.2
33-34	0.000715	98,417	70	98,382	4,751,347	48.3
34-35	0.000774	98,347	76	98,309	4,652,965	47.3

35-36	0.000834	98,271	82	98,230	4,554,656	46.3
36-37	0.000930	98,189	91	98,143	4,456,427	45.4
37-38	0.001038	98,097	102	98,047	4,358,283	44.4
38-39	0.001147	97,996	112	97,939	4,260,237	43.5
39-40	0.001266	97,883	124	97,821	4,162,297	42.5
40-41	0.001353	97,759	132	97,693	4,064,476	41.6
41-42	0.001390	97,627	136	97,559	3,966,783	40.6
42-43	0.001518	97,491	148	97,417	3,869,224	39.7
43-44	0.001692	97,343	165	97,261	3,771,806	38.7
44-45	0.001847	97,179	179	97,089	3,674,545	37.8
45-46	0.001990	96,999	193	96,903	3,577,456	36.9
46-47	0.002102	96,806	204	96,704	3,480,554	36.0
47-48	0.002320	96,603	224	96,491	3,383,849	35.0
48-49	0.002397	96,379	231	96,263	3,287,359	34.1
49-50	0.002687	96,148	258	96,018	3,191,096	33.2
50-51	0.002857	95,889	274	95,752	3,095,077	32.3
51-52	0.003052	95,615	292	95,469	2,999,325	31.4
52-53	0.003478	95,323	332	95,158	2,903,856	30.5
53-54	0.003792	94,992	360	94,812	2,808,698	29.6
54-55	0.004319	94,632	409	94,427	2,713,887	28.7
55-56	0.004303	94,223	405	94,020	2,619,459	27.8
56-57	0.005081	93,817	477	93,579	2,525,439	26.9
57-58	0.005634	93,341	526	93,078	2,431,860	26.1
58-59	0.006390	92,815	593	92,518	2,338,782	25.2
59-60	0.006588	92,222	608	91,918	2,246,264	24.4
60-61	0.007485	91,614	686	91,271	2,154,346	23.5
61-62	0.008068	90,929	734	90,562	2,063,074	22.7
62-63	0.009038	90,195	815	89,787	1,972,513	21.9
63-64	0.009985	89,380	892	88,933	1,882,725	21.1
64-65	0.010763	88,487	952	88,011	1,793,792	20.3
65-66	0.011757	87,535	1,029	87,020	1,705,781	19.5
66-67	0.012854	86,506	1,112	85,950	1,618,760	18.7
67-68	0.014253	85,394	1,217	84,785	1,532,811	17.9
68-69	0.015328	84,177	1,290	83,532	1,448,025	17.2
69-70	0.016842	82,886	1,396	82,188	1,364,494	16.5
70-71	0.018486	81,490	1,506	80,737	1,282,305	15.7
71-72	0.020241	79,984	1,619	79,175	1,201,568	15.0
72-73	0.022162	78,365	1,737	77,497	1,122,394	14.3
73-74	0.024541	76,628	1,881	75,688	1,044,897	13.6
74-75	0.026683	74,748	1,995	73,751	969,209	13.0
75-76	0.029291	72,753	2,131	71,688	895,458	12.3
76-77	0.032591	70,622	2,302	69,471	823,771	11.7

77-78	0.035634	68,321	2,435	67,103	754,299	11.0
78-79	0.039844	65,886	2,625	64,573	687,196	10.4
79-80	0.044014	63,261	2,784	61,869	622,622	9.8
80-81	0.048428	60,477	2,929	59,012	560,754	9.3
81-82	0.055206	57,548	3,177	55,959	501,741	8.7
82-83	0.058407	54,371	3,176	52,783	445,782	8.2
83-84	0.067443	51,195	3,453	49,469	392,999	7.7
84-85	0.075626	47,742	3,611	45,937	343,530	7.2
85-86	0.083938	44,132	3,704	42,280	297,593	6.7
86-87	0.092937	40,428	3,757	38,549	255,313	6.3
87-88	0.102652	36,670	3,764	34,788	216,764	5.9
88-89	0.113107	32,906	3,722	31,045	181,976	5.5
89-90	0.124324	29,184	3,628	27,370	150,931	5.2
90-91	0.136323	25,556	3,484	23,814	123,561	4.8
91-92	0.149116	22,072	3,291	20,426	99,747	4.5
92-93	0.162714	18,781	3,056	17,253	79,321	4.2
93-94	0.177121	15,725	2,785	14,332	62,068	3.9
94-95	0.192336	12,940	2,489	11,695	47,736	3.7
95-96	0.208351	10,451	2,177	9,362	36,040	3.4
96-97	0.225152	8,273	1,863	7,342	26,678	3.2
97-98	0.242717	6,411	1,556	5,633	19,336	3.0
98-99	0.261017	4,855	1,267	4,221	13,703	2.8
99-100	0.280015	3,588	1,005	3,085	9,482	2.6
<u>100+</u>	1.000000	2,583	2,583	6,397	6,397	2.5

Table 7. Life table for the black population: United States, 2001

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	0.013975	100,000	1,397	98,788	7,216,605	72.2
1-2	0.000802	98,603	79	98,563	7,117,816	72.2
2-3	0.000451	98,523	44	98,501	7,019,253	71.2
3-4	0.000364	98,479	36	98,461	6,920,752	70.3
4-5	0.000284	98,443	28	98,429	6,822,291	69.3
5-6	0.000232	98,415	23	98,404	6,723,862	68.3
6-7	0.000209	98,392	21	98,382	6,625,458	67.3
7-8	0.000164	98,372	16	98,364	6,527,076	66.4
8-9	0.000194	98,356	19	98,346	6,428,713	65.4
9-10	0.000238	98,336	23	98,325	6,330,367	64.4
10-11	0.000223	98,313	22	98,302	6,232,042	63.4
11-12	0.000235	98,291	23	98,280	6,133,740	62.4
12-13	0.000241	98,268	24	98,256	6,035,460	61.4
13-14	0.000266	98,244	26	98,231	5,937,204	60.4
14-15	0.000330	98,218	32	98,202	5,838,973	59.4
15-16	0.000459	98,186	45	98,163	5,740,771	58.5
16-17	0.000600	98,141	59	98,111	5,642,608	57.5
17-18	0.000851	98,082	83	98,040	5,544,497	56.5
18-19	0.001153	97,998	113	97,942	5,446,457	55.6
19-20	0.001267	97,885	124	97,823	5,348,515	54.6
20-21	0.001341	97,761	131	97,696	5,250,691	53.7
21-22	0.001501	97,630	147	97,557	5,152,996	52.8
22-23	0.001534	97,484	150	97,409	5,055,439	51.9
23-24	0.001591	97,334	155	97,257	4,958,030	50.9
24-25	0.001620	97,179	157	97,101	4,860,773	50.0
25-26	0.001571	97,022	152	96,946	4,763,672	49.1
26-27	0.001631	96,869	158	96,790	4,666,727	48.2
27-28	0.001678	96,711	162	96,630	4,569,936	47.3
28-29	0.001736	96,549	168	96,465	4,473,306	46.3
29-30	0.001810	96,382	174	96,294	4,376,841	45.4
30-31	0.001830	96,207	176	96,119	4,280,546	44.5
31-32	0.001746	96,031	168	95,947	4,184,427	43.6
32-33	0.002000	95,863	192	95,768	4,088,480	42.6
33-34	0.002195	95,672	210	95,567	3,992,713	41.7
34-35	0.002281	95,462	218	95,353	3,897,146	40.8

35-36	0.002506	95,244	239	95,125	3,801,793	39.9
36-37	0.002528	95,005	240	94,885	3,706,668	39.0
37-38	0.002818	94,765	267	94,632	3,611,783	38.1
38-39	0.003089	94,498	292	94,352	3,517,152	37.2
39-40	0.003343	94,206	315	94,049	3,422,799	36.3
40-41	0.003577	93,891	336	93,723	3,328,751	35.5
41-42	0.003825	93,555	358	93,376	3,235,027	34.6
42-43	0.004261	93,198	397	92,999	3,141,651	33.7
43-44	0.004712	92,800	437	92,582	3,048,652	32.9
44-45	0.005087	92,363	470	92,128	2,956,070	32.0
45-46	0.005492	91,893	505	91,641	2,863,942	31.2
46-47	0.005936	91,389	543	91,117	2,772,301	30.3
47-48	0.006348	90,846	577	90,558	2,681,184	29.5
48-49	0.006897	90,269	623	89,958	2,590,626	28.7
49-50	0.007678	89,647	688	89,303	2,500,668	27.9
50-51	0.008212	88,959	731	88,593	2,411,365	27.1
51-52	0.008371	88,228	739	87,859	2,322,772	26.3
52-53	0.009335	87,489	817	87,081	2,234,913	25.5
53-54	0.009769	86,673	847	86,249	2,147,832	24.8
54-55	0.010977	85,826	942	85,355	2,061,582	24.0
55-56	0.010834	84,884	920	84,424	1,976,227	23.3
56-57	0.012137	83,964	1,019	83,455	1,891,803	22.5
57-58	0.013429	82,945	1,114	82,388	1,808,349	21.8
58-59	0.014804	81,831	1,211	81,226	1,725,960	21.1
59-60	0.015364	80,620	1,239	80,001	1,644,735	20.4
60-61	0.015796	79,381	1,254	78,754	1,564,734	19.7
61-62	0.017591	78,127	1,374	77,440	1,485,980	19.0
62-63	0.019031	76,753	1,461	76,023	1,408,539	18.4
63-64	0.019948	75,292	1,502	74,541	1,332,517	17.7
64-65	0.021963	73,790	1,621	72,980	1,257,975	17.0
65-66	0.023179	72,170	1,673	71,333	1,184,995	16.4
66-67	0.025142	70,497	1,772	69,611	1,113,662	15.8
67-68	0.026474	68,725	1,819	67,815	1,044,051	15.2
68-69	0.029440	66,905	1,970	65,920	976,236	14.6
69-70	0.031820	64,935	2,066	63,902	910,316	14.0
70-71	0.032559	62,869	2,047	61,846	846,414	13.5
71-72	0.036200	60,822	2,202	59,721	784,568	12.9
72-73	0.038233	58,620	2,241	57,500	724,847	12.4
73-74	0.041609	56,379	2,346	55,206	667,347	11.8
74-75	0.043869	54,033	2,370	52,848	612,140	11.3
75-76	0.047979	51,663	2,479	50,424	559,292	10.8
76-77	0.051121	49,184	2,514	47,927	508,869	10.3

77-78	0.054813	46,670	2,558	45,391	460,942	9.9
78-79	0.060196	44,112	2,655	42,784	415,551	9.4
79-80	0.064184	41,456	2,661	40,126	372,767	9.0
80-81	0.067194	38,796	2,607	37,492	332,641	8.6
81-82	0.074064	36,189	2,680	34,849	295,149	8.2
82-83	0.075509	33,508	2,530	32,243	260,300	7.8
83-84	0.085573	30,978	2,651	29,653	228,057	7.4
84-85	0.090693	28,327	2,569	27,043	198,404	7.0
85-86	0.097451	25,758	2,510	24,503	171,361	6.7
86-87	0.104600	23,248	2,432	22,032	146,858	6.3
87-88	0.112153	20,816	2,335	19,649	124,826	6.0
88-89	0.120123	18,482	2,220	17,372	105,177	5.7
89-90	0.128522	16,262	2,090	15,217	87,805	5.4
90-91	0.137361	14,172	1,947	13,198	72,588	5.1
91-92	0.146651	12,225	1,793	11,329	59,390	4.9
92-93	0.156403	10,432	1,632	9,616	48,061	4.6
93-94	0.166624	8,801	1,466	8,067	38,445	4.4
94-95	0.177323	7,334	1,301	6,684	30,377	4.1
95-96	0.188507	6,034	1,137	5,465	23,693	3.9
96-97	0.200182	4,896	980	4,406	18,228	3.7
97-98	0.212354	3,916	832	3,500	13,822	3.5
98-99	0.225024	3,085	694	2,737	10,322	3.3
99-100	0.238195	2,390	569	2,106	7,584	3.2
<u>100+</u>	1.000000	1,821	1,821	5,479	5,479	3.0

Table 8. Life table for black males: United States, 2001

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	0.015431	100,000	1,543	98,653	6,855,691	68.6
1-2	0.000879	98,457	87	98,414	6,757,038	68.6
2-3	0.000516	98,370	51	98,345	6,658,624	67.7
3-4	0.000402	98,319	40	98,300	6,560,279	66.7
4-5	0.000330	98,280	32	98,264	6,461,980	65.8
5-6	0.000286	98,248	28	98,233	6,363,716	64.8
6-7	0.000241	98,219	24	98,208	6,265,482	63.8
7-8	0.000157	98,196	15	98,188	6,167,275	62.8
8-9	0.000240	98,180	24	98,169	6,069,087	61.8
9-10	0.000269	98,157	26	98,144	5,970,918	60.8
10-11	0.000291	98,130	29	98,116	5,872,775	59.8
11-12	0.000297	98,102	29	98,087	5,774,659	58.9
12-13	0.000287	98,073	28	98,058	5,676,572	57.9
13-14	0.000347	98,044	34	98,027	5,578,513	56.9
14-15	0.000362	98,010	35	97,993	5,480,486	55.9
15-16	0.000644	97,975	63	97,943	5,382,493	54.9
16-17	0.000892	97,912	87	97,868	5,284,550	54.0
17-18	0.001254	97,825	123	97,763	5,186,681	53.0
18-19	0.001780	97,702	174	97,615	5,088,918	52.1
19-20	0.001976	97,528	193	97,432	4,991,303	51.2
20-21	0.002098	97,335	204	97,233	4,893,872	50.3
21-22	0.002344	97,131	228	97,017	4,796,639	49.4
22-23	0.002407	96,903	233	96,787	4,699,621	48.5
23-24	0.002416	96,670	234	96,553	4,602,835	47.6
24-25	0.002597	96,437	250	96,311	4,506,281	46.7
25-26	0.002371	96,186	228	96,072	4,409,970	45.8
26-27	0.002522	95,958	242	95,837	4,313,898	45.0
27-28	0.002462	95,716	236	95,598	4,218,060	44.1
28-29	0.002477	95,480	237	95,362	4,122,462	43.2
29-30	0.002505	95,244	239	95,125	4,027,100	42.3
30-31	0.002670	95,005	254	94,879	3,931,975	41.4
31-32	0.002427	94,752	230	94,637	3,837,097	40.5
32-33	0.002685	94,522	254	94,395	3,742,460	39.6
33-34	0.002865	94,268	270	94,133	3,648,065	38.7
34-35	0.002918	93,998	274	93,861	3,553,932	37.8

35-36	0.003234	93,724	303	93,572	3,460,071	36.9
36-37	0.003147	93,421	294	93,274	3,366,499	36.0
37-38	0.003739	93,127	348	92,952	3,273,226	35.1
38-39	0.003846	92,778	357	92,600	3,180,273	34.3
39-40	0.004222	92,421	390	92,226	3,087,673	33.4
40-41	0.004296	92,031	395	91,834	2,995,447	32.5
41-42	0.004788	91,636	439	91,416	2,903,614	31.7
42-43	0.005240	91,197	478	90,958	2,812,197	30.8
43-44	0.005777	90,719	524	90,457	2,721,239	30.0
44-45	0.006331	90,195	571	89,910	2,630,782	29.2
45-46	0.007010	89,624	628	89,310	2,540,872	28.4
46-47	0.007600	88,996	676	88,658	2,451,562	27.5
47-48	0.008328	88,319	736	87,952	2,362,905	26.8
48-49	0.008945	87,584	783	87,192	2,274,953	26.0
49-50	0.009810	86,801	852	86,375	2,187,761	25.2
50-51	0.010601	85,949	911	85,493	2,101,386	24.4
51-52	0.010955	85,038	932	84,572	2,015,893	23.7
52-53	0.012160	84,106	1,023	83,595	1,931,320	23.0
53-54	0.012424	83,084	1,032	82,567	1,847,726	22.2
54-55	0.014164	82,051	1,162	81,470	1,765,158	21.5
55-56	0.014047	80,889	1,136	80,321	1,683,688	20.8
56-57	0.015357	79,753	1,225	79,141	1,603,367	20.1
57-58	0.017428	78,528	1,369	77,844	1,524,226	19.4
58-59	0.019357	77,160	1,494	76,413	1,446,382	18.7
59-60	0.019817	75,666	1,499	74,916	1,369,970	18.1
60-61	0.020553	74,167	1,524	73,404	1,295,053	17.5
61-62	0.022787	72,642	1,655	71,815	1,221,649	16.8
62-63	0.024230	70,987	1,720	70,127	1,149,834	16.2
63-64	0.025345	69,267	1,756	68,389	1,079,707	15.6
64-65	0.027676	67,511	1,868	66,577	1,011,318	15.0
65-66	0.029970	65,643	1,967	64,659	944,741	14.4
66-67	0.031857	63,676	2,029	62,661	880,082	13.8
67-68	0.033747	61,647	2,080	60,607	817,421	13.3
68-69	0.037256	59,567	2,219	58,457	756,814	12.7
69-70	0.040520	57,347	2,324	56,186	698,357	12.2
70-71	0.041640	55,024	2,291	53,878	642,171	11.7
71-72	0.046944	52,733	2,475	51,495	588,293	11.2
72-73	0.049850	50,257	2,505	49,004	536,798	10.7
73-74	0.053582	47,752	2,559	46,472	487,794	10.2
74-75	0.056233	45,193	2,541	43,923	441,321	9.8
75-76	0.060995	42,652	2,602	41,351	397,399	9.3
76-77	0.065106	40,050	2,608	38,747	356,047	8.9

77-78	0.070169	37,443	2,627	36,129	317,301	8.5
78-79	0.075570	34,815	2,631	33,500	281,172	8.1
79-80	0.082940	32,184	2,669	30,850	247,672	7.7
80-81	0.085852	29,515	2,534	28,248	216,822	7.3
81-82	0.094424	26,981	2,548	25,707	188,574	7.0
82-83	0.096914	24,434	2,368	23,250	162,867	6.7
83-84	0.106995	22,066	2,361	20,885	139,617	6.3
84-85	0.113879	19,705	2,244	18,583	118,732	6.0
85-86	0.121654	17,461	2,124	16,399	100,149	5.7
86-87	0.129754	15,337	1,990	14,342	83,751	5.5
87-88	0.138173	13,347	1,844	12,424	69,409	5.2
88-89	0.146905	11,502	1,690	10,658	56,985	5.0
89-90	0.155940	9,813	1,530	9,048	46,327	4.7
90-91	0.165268	8,282	1,369	7,598	37,280	4.5
91-92	0.174876	6,914	1,209	6,309	29,682	4.3
92-93	0.184748	5,705	1,054	5,178	23,372	4.1
93-94	0.194868	4,651	906	4,198	18,195	3.9
94-95	0.205215	3,744	768	3,360	13,997	3.7
95-96	0.215768	2,976	642	2,655	10,637	3.6
96-97	0.226504	2,334	529	2,070	7,982	3.4
97-98	0.237396	1,805	429	1,591	5,912	3.3
98-99	0.248416	1,377	342	1,206	4,321	3.1
99-100	0.259535	1,035	269	900	3,116	3.0
<u>100+</u>	1.000000	766	766	2,215	2,215	2.9

Table 9. Life table for black females: United States, 2001

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	0.012472	100,000	1,247	98,926	7,546,774	75.5
1-2	0.000722	98,753	71	98,717	7,447,848	75.4
2-3	0.000385	98,681	38	98,662	7,349,131	74.5
3-4	0.000326	98,643	32	98,627	7,250,469	73.5
4-5	0.000236	98,611	23	98,600	7,151,841	72.5
5-6	0.000176	98,588	17	98,579	7,053,241	71.5
6-7	0.000177	98,571	17	98,562	6,954,662	70.6
7-8	0.000171	98,553	17	98,545	6,856,100	69.6
8-9	0.000146	98,537	14	98,529	6,757,555	68.6
9-10	0.000206	98,522	20	98,512	6,659,026	67.6
10-11	0.000153	98,502	15	98,494	6,560,514	66.6
11-12	0.000172	98,487	17	98,478	6,462,019	65.6
12-13	0.000193	98,470	19	98,460	6,363,541	64.6
13-14	0.000184	98,451	18	98,442	6,265,081	63.6
14-15	0.000298	98,433	29	98,418	6,166,639	62.6
15-16	0.000269	98,403	26	98,390	6,068,221	61.7
16-17	0.000297	98,377	29	98,362	5,969,831	60.7
17-18	0.000432	98,348	43	98,326	5,871,469	59.7
18-19	0.000498	98,305	49	98,281	5,773,142	58.7
19-20	0.000546	98,256	54	98,229	5,674,862	57.8
20-21	0.000596	98,202	59	98,173	5,576,632	56.8
21-22	0.000679	98,144	67	98,111	5,478,459	55.8
22-23	0.000688	98,077	67	98,044	5,380,348	54.9
23-24	0.000809	98,010	79	97,970	5,282,305	53.9
24-25	0.000711	97,931	70	97,896	5,184,335	52.9
25-26	0.000834	97,861	82	97,820	5,086,439	52.0
26-27	0.000810	97,779	79	97,740	4,988,619	51.0
27-28	0.000971	97,700	95	97,653	4,890,879	50.1
28-29	0.001062	97,605	104	97,553	4,793,227	49.1
29-30	0.001182	97,501	115	97,444	4,695,673	48.2
30-31	0.001078	97,386	105	97,334	4,598,229	47.2
31-32	0.001127	97,281	110	97,226	4,500,896	46.3
32-33	0.001382	97,172	134	97,104	4,403,669	45.3
33-34	0.001591	97,037	154	96,960	4,306,565	44.4
34-35	0.001714	96,883	166	96,800	4,209,605	43.5

35-36	0.001857	96,717	180	96,627	4,112,805	42.5
36-37	0.001972	96,537	190	96,442	4,016,178	41.6
37-38	0.001999	96,347	193	96,251	3,919,736	40.7
38-39	0.002420	96,154	233	96,038	3,823,485	39.8
39-40	0.002569	95,922	246	95,798	3,727,447	38.9
40-41	0.002941	95,675	281	95,535	3,631,649	38.0
41-42	0.002966	95,394	283	95,252	3,536,114	37.1
42-43	0.003399	95,111	323	94,949	3,440,862	36.2
43-44	0.003765	94,788	357	94,609	3,345,913	35.3
44-45	0.003992	94,431	377	94,242	3,251,303	34.4
45-46	0.004165	94,054	392	93,858	3,157,061	33.6
46-47	0.004485	93,662	420	93,452	3,063,203	32.7
47-48	0.004619	93,242	431	93,027	2,969,751	31.8
48-49	0.005134	92,811	477	92,573	2,876,725	31.0
49-50	0.005851	92,335	540	92,065	2,784,152	30.2
50-51	0.006163	91,794	566	91,512	2,692,087	29.3
51-52	0.006140	91,229	560	90,949	2,600,576	28.5
52-53	0.006934	90,669	629	90,354	2,509,627	27.7
53-54	0.007510	90,040	676	89,702	2,419,273	26.9
54-55	0.008291	89,364	741	88,993	2,329,571	26.1
55-56	0.008153	88,623	723	88,262	2,240,577	25.3
56-57	0.009457	87,900	831	87,485	2,152,316	24.5
57-58	0.010145	87,069	883	86,627	2,064,831	23.7
58-59	0.011078	86,186	955	85,708	1,978,204	23.0
59-60	0.011776	85,231	1,004	84,729	1,892,495	22.2
60-61	0.011986	84,227	1,010	83,723	1,807,766	21.5
61-62	0.013438	83,218	1,118	82,659	1,724,044	20.7
62-63	0.014941	82,100	1,227	81,486	1,641,385	20.0
63-64	0.015703	80,873	1,270	80,238	1,559,899	19.3
64-65	0.017534	79,603	1,396	78,905	1,479,661	18.6
65-66	0.017980	78,207	1,406	77,504	1,400,756	17.9
66-67	0.020035	76,801	1,539	76,032	1,323,252	17.2
67-68	0.021091	75,262	1,587	74,469	1,247,220	16.6
68-69	0.023720	73,675	1,748	72,801	1,172,751	15.9
69-70	0.025603	71,927	1,842	71,007	1,099,950	15.3
70-71	0.026151	70,086	1,833	69,169	1,028,944	14.7
71-72	0.028797	68,253	1,965	67,270	959,774	14.1
72-73	0.030484	66,288	2,021	65,277	892,504	13.5
73-74	0.033777	64,267	2,171	63,181	827,227	12.9
74-75	0.035934	62,096	2,231	60,980	764,045	12.3
75-76	0.039887	59,865	2,388	58,671	703,065	11.7
76-77	0.042500	57,477	2,443	56,256	644,394	11.2

77-78	0.045506	55,034	2,504	53,782	588,138	10.7
78-79	0.051056	52,530	2,682	51,189	534,356	10.2
79-80	0.053382	49,848	2,661	48,517	483,168	9.7
80-81	0.056793	47,187	2,680	45,847	434,650	9.2
81-82	0.063275	44,507	2,816	43,099	388,804	8.7
82-83	0.064294	41,691	2,680	40,351	345,705	8.3
83-84	0.075054	39,010	2,928	37,546	305,354	7.8
84-85	0.079960	36,082	2,885	34,640	267,808	7.4
85-86	0.086844	33,197	2,883	31,756	233,168	7.0
86-87	0.094179	30,314	2,855	28,887	201,412	6.6
87-88	0.101978	27,459	2,800	26,059	172,525	6.3
88-89	0.110258	24,659	2,719	23,300	146,466	5.9
89-90	0.119029	21,940	2,612	20,634	123,166	5.6
90-91	0.128305	19,329	2,480	18,089	102,532	5.3
91-92	0.138094	16,849	2,327	15,685	84,443	5.0
92-93	0.148407	14,522	2,155	13,444	68,758	4.7
93-94	0.159248	12,367	1,969	11,382	55,313	4.5
94-95	0.170624	10,397	1,774	9,510	43,931	4.2
95-96	0.182537	8,623	1,574	7,836	34,421	4.0
96-97	0.194987	7,049	1,375	6,362	26,584	3.8
97-98	0.207972	5,675	1,180	5,085	20,222	3.6
98-99	0.221486	4,495	995	3,997	15,138	3.4
99-100	0.235523	3,499	824	3,087	11,141	3.2
<u>100+</u>	1.000000	2,675	2,675	8,054	8,054	3.0