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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.006842	100,000	684	99,404	7,696,165	77.0
1-2	0.000524	99,316	52	99,290	7,596,761	76.5
2-3	0.000337	99,264	33	99,247	7,497,471	75.5
3-4	0.000252	99,230	25	99,218	7,398,224	74.6
4-5	0.000208	99,205	21	99,195	7,299,006	73.6
5-6	0.000183	99,185	18	99,176	7,199,811	72.6
6-7	0.000168	99,167	17	99,158	7,100,635	71.6
7-8	0.000155	99,150	15	99,142	7,001,477	70.6
8-9	0.000140	99,135	14	99,128	6,902,334	69.6
9-10	0.000122	99,121	12	99,115	6,803,206	68.6
10-11	0.000110	99,109	11	99,103	6,704,092	67.6
11-12	0.000116	99,098	11	99,092	6,604,989	66.7
12-13	0.000154	99,086	15	99,079	6,505,897	65.7
13-14	0.000233	99,071	23	99,060	6,406,818	64.7
14-15	0.000342	99,048	34	99,031	6,307,758	63.7
15-16	0.000465	99,014	46	98,991	6,208,727	62.7
16-17	0.000583	98,968	58	98,939	6,109,736	61.7
17-18	0.000686	98,910	68	98,876	6,010,797	60.8
18-19	0.000764	98,843	76	98,805	5,911,920	59.8
19-20	0.000820	98,767	81	98,726	5,813,116	58.9
20-21	0.000876	98,686	86	98,643	5,714,389	57.9
21-22	0.000933	98,600	92	98,554	5,615,746	57.0
22-23	0.000969	98,508	95	98,460	5,517,193	56.0
23-24	0.000981	98,412	97	98,364	5,418,733	55.1
24-25	0.000974	98,316	96	98,268	5,320,369	54.1
25-26	0.000963	98,220	95	98,173	5,222,102	53.2
26-27	0.000956	98,125	94	98,078	5,123,929	52.2
27-28	0.000957	98,031	94	97,985	5,025,851	51.3
28-29	0.000969	97,938	95	97,890	4,927,866	50.3
29-30	0.000992	97,843	97	97,794	4,829,976	49.4
30-31	0.001019	97,746	100	97,696	4,732,182	48.4
31-32	0.001053	97,646	103	97,595	4,634,486	47.5
32-33	0.001116	97,543	109	97,489	4,536,891	46.5
33-34	0.001191	97,434	116	97,376	4,439,402	45.6
34-35	0.001294	97,318	126	97,255	4,342,026	44.6
35-36	0.001407	97,192	137	97,124	4,244,770	43.7
36-37	0.001525	97,056	148	96,982	4,147,646	42.7
37-38	0.001649	96,908	160	96,828	4,050,665	41.8
38-39	0.001779	96,748	172	96,662	3,953,837	40.9
39-40	0.001915	96,576	185	96,483	3,857,175	39.9

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
40-41	0.002058	96,391	198	96,292	3,760,692	39.0
41-42	0.002210	96,192	213	96,086	3,664,401	38.1
42-43	0.002378	95,980	228	95,866	3,568,315	37.2
43-44	0.002571	95,752	246	95,628	3,472,449	36.3
44-45	0.002790	95,505	266	95,372	3,376,820	35.4
45-46	0.003034	95,239	289	95,094	3,281,448	34.5
46-47	0.003295	94,950	313	94,794	3,186,354	33.6
47-48	0.003566	94,637	337	94,468	3,091,560	32.7
48-49	0.003832	94,300	361	94,119	2,997,092	31.8
49-50	0.004096	93,938	385	93,746	2,902,973	30.9
50-51	0.004369	93,553	409	93,349	2,809,227	30.0
51-52	0.004666	93,145	435	92,927	2,715,878	29.2
52-53	0.005003	92,710	464	92,478	2,622,951	28.3
53-54	0.005406	92,246	499	91,997	2,530,473	27.4
54-55	0.005896	91,748	541	91,477	2,438,476	26.6
55-56	0.006486	91,207	592	90,911	2,346,999	25.7
56-57	0.007160	90,615	649	90,291	2,256,088	24.9
57-58	0.007886	89,966	710	89,612	2,165,797	24.1
58-59	0.008611	89,257	769	88,872	2,076,185	23.3
59-60	0.009332	88,488	826	88,075	1,987,313	22.5
60-61	0.010119	87,662	887	87,219	1,899,238	21.7
61-62	0.011025	86,775	957	86,297	1,812,019	20.9
62-63	0.012009	85,819	1,031	85,303	1,725,722	20.1
63-64	0.013077	84,788	1,109	84,234	1,640,419	19.3
64-65	0.014241	83,679	1,192	83,083	1,556,185	18.6
65-66	0.015484	82,488	1,277	81,849	1,473,101	17.9
66-67	0.016857	81,210	1,369	80,526	1,391,252	17.1
67-68	0.018397	79,841	1,469	79,107	1,310,726	16.4
68-69	0.020125	78,373	1,577	77,584	1,231,619	15.7
69-70	0.022001	76,795	1,690	75,951	1,154,036	15.0
70-71	0.023923	75,106	1,797	74,207	1,078,085	14.4
71-72	0.025930	73,309	1,901	72,359	1,003,878	13.7
72-73	0.028257	71,408	2,018	70,399	931,519	13.0
73-74	0.030998	69,390	2,151	68,315	861,120	12.4
74-75	0.033951	67,239	2,283	66,098	792,805	11.8
75-76	0.037151	64,956	2,413	63,750	726,707	11.2
76-77	0.040645	62,543	2,542	61,272	662,957	10.6
77-78	0.044379	60,001	2,663	58,670	601,685	10.0
78-79	0.048591	57,338	2,786	55,945	543,015	9.5
70-80	0.053381	54,552	2,912	53,096	487,070	8.9

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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	0.058643	51,640	3,028	50,126	433,974	8.4
81-82	0.064697	48,612	3,145	47,039	383,848	7.9
82-83	0.071710	45,467	3,260	43,837	336,808	7.4
83-84	0.079030	42,206	3,336	40,539	292,972	6.9
84-85	0.087374	38,871	3,396	37,173	252,433	6.5
85-86	0.096978	35,475	3,440	33,754	215,260	6.1
86-87	0.107362	32,034	3,439	30,315	181,506	5.7
87-88	0.118625	28,595	3,392	26,899	151,191	5.3
88-89	0.130794	25,203	3,296	23,555	124,292	4.9
89-90	0.143884	21,907	3,152	20,331	100,738	4.6
90-91	0.157898	18,755	2,961	17,274	80,407	4.3
91-92	0.172825	15,793	2,729	14,429	63,133	4.0
92-93	0.188640	13,064	2,464	11,832	48,705	3.7
93-94	0.205301	10,599	2,176	9,511	36,873	3.5
94-95	0.222747	8,423	1,876	7,485	27,362	3.2
95-96	0.240902	6,547	1,577	5,758	19,876	3.0
96-97	0.259672	4,970	1,291	4,325	14,118	2.8
97-98	0.278945	3,679	1,026	3,166	9,793	2.7
98-99	0.298600	2,653	792	2,257	6,627	2.5
99-100	0.318501	1,861	593	1,564	4,370	2.3
100 and over	1.000000	1,268	1,268	2,806	2,806	2.2

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.007514	100,000	751	99,344	7,426,451	74.3
1-2	0.000568	99,249	56	99,220	7,327,107	73.8
2-3	0.000378	99,192	37	99,173	7,227,887	72.9
3-4	0.000282	99,155	28	99,141	7,128,713	71.9
4-5	0.000238	99,127	24	99,115	7,029,573	70.9
5-6	0.000201	99,103	20	99,093	6,930,458	69.9
6-7	0.000186	99,083	18	99,074	6,831,364	68.9
7-8	0.000172	99,065	17	99,056	6,732,290	68.0
8-9	0.000152	99,048	15	99,040	6,633,234	67.0
9-10	0.000127	99,033	13	99,026	6,534,194	66.0
10-11	0.000109	99,020	11	99,015	6,435,167	65.0
11-12	0.000117	99,009	12	99,004	6,336,152	64.0
12-13	0.000172	98,998	17	98,989	6,237,149	63.0
13-14	0.000288	98,981	29	98,967	6,138,160	62.0
14-15	0.000449	98,952	44	98,930	6,039,193	61.0
15-16	0.000627	98,908	62	98,877	5,940,263	60.1
16-17	0.000797	98,846	79	98,806	5,841,386	59.1
17-18	0.000952	98,767	94	98,720	5,742,580	58.1
18-19	0.001080	98,673	107	98,620	5,643,860	57.2
19-20	0.001183	98,566	117	98,508	5,545,240	56.3
20-21	0.001288	98,450	127	98,386	5,446,732	55.3
21-22	0.001391	98,323	137	98,255	5,348,345	54.4
22-23	0.001455	98,186	143	98,115	5,250,091	53.5
23-24	0.001467	98,043	144	97,971	5,151,976	52.5
24-25	0.001441	97,900	141	97,829	5,054,004	51.6
25-26	0.001401	97,758	137	97,690	4,956,175	50.7
26-27	0.001369	97,621	134	97,555	4,858,485	49.8
27-28	0.001347	97,488	131	97,422	4,760,931	48.8
28-29	0.001347	97,356	131	97,291	4,663,509	47.9
29-30	0.001366	97,225	133	97,159	4,566,218	47.0
30-31	0.001390	97,093	135	97,025	4,469,059	46.0
31-32	0.001421	96,958	138	96,889	4,372,034	45.1
32-33	0.001492	96,820	144	96,748	4,275,145	44.2
33-34	0.001575	96,675	152	96,599	4,178,397	43.2
34-35	0.001697	96,523	164	96,441	4,081,798	42.3
35-36	0.001835	96,359	177	96,271	3,985,357	41.4
36-37	0.001978	96,183	190	96,087	3,889,086	40.4
37-38	0.002129	95,992	204	95,890	3,792,999	39.5

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
38-39	0.002283	95,788	219	95,679	3,697,109	38.6
39-40	0.002444	95,569	234	95,452	3,601,430	37.7
40-41	0.002611	95,336	249	95,211	3,505,978	36.8
41-42	0.002793	95,087	266	94,954	3,410,767	35.9
42-43	0.003004	94,821	285	94,679	3,315,813	35.0
43-44	0.003258	94,536	308	94,382	3,221,134	34.1
44-45	0.003554	94,228	335	94,061	3,126,752	33.2
45-46	0.003886	93,893	365	93,711	3,032,691	32.3
46-47	0.004237	93,528	396	93,330	2,938,980	31.4
47-48	0.004589	93,132	427	92,918	2,845,650	30.6
48-49	0.004921	92,705	456	92,477	2,752,731	29.7
49-50	0.005236	92,249	483	92,007	2,660,255	28.8
50-51	0.005556	91,766	510	91,511	2,568,247	28.0
51-52	0.005909	91,256	539	90,986	2,476,737	27.1
52-53	0.006309	90,716	572	90,430	2,385,751	26.3
53-54	0.006793	90,144	612	89,838	2,295,320	25.5
54-55	0.007382	89,532	661	89,201	2,205,482	24.6
55-56	0.008093	88,871	719	88,511	2,116,281	23.8
56-57	0.008903	88,152	785	87,759	2,027,770	23.0
57-58	0.009781	87,367	854	86,940	1,940,011	22.2
58-59	0.010663	86,512	922	86,051	1,853,071	21.4
59-60	0.011545	85,590	988	85,096	1,767,020	20.6
60-61	0.012504	84,602	1,058	84,073	1,681,924	19.9
61-62	0.013607	83,544	1,137	82,976	1,597,851	19.1
62-63	0.014812	82,407	1,221	81,797	1,514,876	18.4
63-64	0.016133	81,186	1,310	80,532	1,433,079	17.7
64-65	0.017580	79,877	1,404	79,175	1,352,547	16.9
65-66	0.019115	78,472	1,500	77,722	1,273,373	16.2
66-67	0.020802	76,972	1,601	76,172	1,195,650	15.5
67-68	0.022714	75,371	1,712	74,515	1,119,478	14.9
68-69	0.024896	73,659	1,834	72,742	1,044,963	14.2
69-70	0.027275	71,825	1,959	70,846	972,221	13.5
70-71	0.029698	69,866	2,075	68,829	901,375	12.9
71-72	0.032235	67,791	2,185	66,699	832,546	12.3
72-73	0.035146	65,606	2,306	64,453	765,847	11.7
73-74	0.038542	63,300	2,440	62,081	701,394	11.1
74-75	0.042236	60,861	2,571	59,575	639,313	10.5
75-76	0.046267	58,290	2,697	56,942	579,738	9.9

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
76-77	0.050644	55,593	2,815	54,185	522,796	9.4
77-78	0.055222	52,778	2,914	51,321	468,610	8.9
78-79	0.060335	49,863	3,009	48,359	417,290	8.4
79-80	0.065996	46,855	3,092	45,309	368,931	7.9
80-81	0.072380	43,762	3,168	42,179	323,622	7.4
81-82	0.079997	40,595	3,247	38,971	281,444	6.9
82-83	0.088553	37,347	3,307	35,694	242,472	6.5
83-84	0.097926	34,040	3,333	32,374	206,779	6.1
84-85	0.108100	30,707	3,319	29,047	174,405	5.7
85-86	0.119111	27,387	3,262	25,756	145,358	5.3
86-87	0.130979	24,125	3,160	22,545	119,602	5.0
87-88	0.143720	20,965	3,013	19,459	97,056	4.6
88-89	0.157336	17,952	2,825	16,540	77,597	4.3
89-90	0.171818	15,128	2,599	13,828	61,058	4.0
90-91	0.187144	12,528	2,345	11,356	47,229	3.8
91-92	0.203275	10,184	2,070	9,149	35,873	3.5
92-93	0.220158	8,114	1,786	7,221	26,724	3.3
93-94	0.237724	6,327	1,504	5,575	19,504	3.1
94-95	0.255888	4,823	1,234	4,206	13,929	2.9
95-96	0.274552	3,589	985	3,096	9,722	2.7
96-97	0.293604	2,604	764	2,221	6,626	2.5
97-98	0.312923	1,839	576	1,551	4,405	2.4
98-99	0.332381	1,264	420	1,054	2,853	2.3
99-100	0.351845	844	297	695	1,800	2.1
100 and over	1.000000	547	547	1,104	1,104	2.0

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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	7,953,894	79.5
1-2	0.000477	99,386	47	99,362	7,854,427	79.0
2-3	0.000294	99,339	29	99,324	7,755,064	78.1
3-4	0.000220	99,310	22	99,299	7,655,740	77.1
4-5	0.000177	99,288	18	99,279	7,556,442	76.1
5-6	0.000164	99,270	16	99,262	7,457,163	75.1
6-7	0.000149	99,254	15	99,247	7,357,901	74.1
7-8	0.000138	99,239	14	99,232	7,258,654	73.1
8-9	0.000127	99,225	13	99,219	7,159,422	72.2
9-10	0.000117	99,213	12	99,207	7,060,203	71.2
10-11	0.000111	99,201	11	99,196	6,960,995	70.2
11-12	0.000115	99,190	11	99,185	6,861,800	69.2
12-13	0.000134	99,179	13	99,172	6,762,615	68.2
13-14	0.000174	99,166	17	99,157	6,663,443	67.2
14-15	0.000229	99,148	23	99,137	6,564,286	66.2
15-16	0.000293	99,126	29	99,111	6,465,149	65.2
16-17	0.000355	99,096	35	99,079	6,366,038	64.2
17-18	0.000402	99,061	40	99,041	6,266,959	63.3
18-19	0.000428	99,021	42	99,000	6,167,918	62.3
19-20	0.000436	98,979	43	98,958	6,068,918	61.3
20-21	0.000442	98,936	44	98,914	5,969,960	60.3
21-22	0.000453	98,892	45	98,870	5,871,046	59.4
22-23	0.000463	98,847	46	98,825	5,772,176	58.4
23-24	0.000476	98,802	47	98,778	5,673,352	57.4
24-25	0.000492	98,755	49	98,730	5,574,574	56.4
25-26	0.000511	98,706	50	98,681	5,475,843	55.5
26-27	0.000533	98,656	53	98,629	5,377,163	54.5
27-28	0.000557	98,603	55	98,576	5,278,533	53.5
28-29	0.000583	98,548	57	98,519	5,179,958	52.6
29-30	0.000611	98,491	60	98,461	5,081,438	51.6
30-31	0.000642	98,430	63	98,399	4,982,978	50.6
31-32	0.000680	98,367	67	98,334	4,884,579	49.7
32-33	0.000737	98,300	72	98,264	4,786,245	48.7
33-34	0.000804	98,228	79	98,188	4,687,981	47.7
34-35	0.000888	98,149	87	98,105	4,589,792	46.8
35-36	0.000979	98,062	96	98,014	4,491,687	45.8
36-37	0.001072	97,966	105	97,913	4,393,673	44.8
37-38	0.001172	97,861	115	97,803	4,295,760	43.9

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
38-39	0.001279	97,746	125	97,684	4,197,957	42.9
39-40	0.001391	97,621	136	97,553	4,100,273	42.0
40-41	0.001510	97,485	147	97,412	4,002,720	41.1
41-42	0.001634	97,338	159	97,259	3,905,308	40.1
42-43	0.001762	97,179	171	97,093	3,808,049	39.2
43-44	0.001896	97,008	184	96,916	3,710,956	38.3
44-45	0.002042	96,824	198	96,725	3,614,040	37.3
45-46	0.002202	96,626	213	96,520	3,517,315	36.4
46-47	0.002379	96,413	229	96,299	3,420,796	35.5
47-48	0.002572	96,184	247	96,060	3,324,497	34.6
48-49	0.002779	95,937	267	95,803	3,228,437	33.7
49-50	0.002995	95,670	287	95,527	3,132,633	32.7
50-51	0.003223	95,383	307	95,230	3,037,107	31.8
51-52	0.003470	95,076	330	94,911	2,941,877	30.9
52-53	0.003748	94,746	355	94,569	2,846,966	30.0
53-54	0.004079	94,391	385	94,198	2,752,397	29.2
54-55	0.004479	94,006	421	93,795	2,658,199	28.3
55-56	0.004963	93,585	464	93,353	2,564,403	27.4
56-57	0.005516	93,120	514	92,864	2,471,051	26.5
57-58	0.006109	92,607	566	92,324	2,378,187	25.7
58-59	0.006696	92,041	616	91,733	2,285,863	24.8
59-60	0.007276	91,425	665	91,092	2,194,130	24.0
60-61	0.007915	90,760	718	90,400	2,103,038	23.2
61-62	0.008654	90,041	779	89,652	2,012,638	22.4
62-63	0.009453	89,262	844	88,840	1,922,986	21.5
63-64	0.010314	88,418	912	87,962	1,834,146	20.7
64-65	0.011250	87,506	984	87,014	1,746,184	20.0
65-66	0.012265	86,522	1,061	85,991	1,659,170	19.2
66-67	0.013396	85,460	1,145	84,888	1,573,179	18.4
67-68	0.014652	84,316	1,235	83,698	1,488,291	17.7
68-69	0.016039	83,080	1,333	82,414	1,404,593	16.9
69-70	0.017547	81,748	1,434	81,031	1,322,179	16.2
70-71	0.019110	80,313	1,535	79,546	1,241,148	15.5
71-72	0.020753	78,779	1,635	77,961	1,161,602	14.7
72-73	0.022705	77,144	1,752	76,268	1,083,641	14.0
73-74	0.025045	75,392	1,888	74,448	1,007,373	13.4
74-75	0.027576	73,504	2,027	72,491	932,925	12.7
75-76	0.030335	71,477	2,168	70,393	860,435	12.0

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
76-77	0.033381	69,309	2,314	68,152	790,042	11.4
77-78	0.036700	66,995	2,459	65,766	721,890	10.8
78-79	0.040487	64,536	2,613	63,230	656,124	10.2
79-80	0.044935	61,924	2,783	60,532	592,894	9.6
80-81	0.049727	59,141	2,941	57,671	532,361	9.0
81-82	0.055103	56,200	3,097	54,652	474,691	8.4
82-83	0.061550	53,103	3,269	51,469	420,039	7.9
83-84	0.068637	49,835	3,421	48,125	368,570	7.4
84-85	0.076890	46,414	3,569	44,630	320,445	6.9
85-86	0.086088	42,846	3,688	41,001	275,816	6.4
86-87	0.096130	39,157	3,764	37,275	234,814	6.0
87-88	0.107126	35,393	3,791	33,497	197,539	5.6
88-89	0.119117	31,601	3,764	29,719	164,042	5.2
89-90	0.132134	27,837	3,678	25,998	134,323	4.8
90-91	0.146194	24,159	3,532	22,393	108,325	4.5
91-92	0.161298	20,627	3,327	18,963	85,932	4.2
92-93	0.177431	17,300	3,070	15,765	66,969	3.9
93-94	0.194556	14,230	2,769	12,846	51,204	3.6
94-95	0.212615	11,462	2,437	10,243	38,357	3.3
95-96	0.231529	9,025	2,090	7,980	28,114	3.1
96-97	0.251194	6,935	1,742	6,064	20,134	2.9
97-98	0.271488	5,193	1,410	4,488	14,070	2.7
98-99	0.292268	3,783	1,106	3,230	9,582	2.5
99-100	0.313377	2,678	839	2,258	6,351	2.4
100 and over	1.000000	1,838	1,838	4,093	4,093	2.2

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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	7,749,289	77.5
1-2	0.000470	99,435	47	99,412	7,649,783	76.9
2-3	0.000320	99,388	32	99,373	7,550,371	76.0
3-4	0.000234	99,357	23	99,345	7,450,999	75.0
4-5	0.000196	99,334	20	99,324	7,351,654	74.0
5-6	0.000171	99,314	17	99,305	7,252,330	73.0
6-7	0.000158	99,297	16	99,289	7,153,025	72.0
7-8	0.000147	99,281	15	99,274	7,053,735	71.0
8-9	0.000132	99,267	13	99,260	6,954,461	70.1
9-10	0.000114	99,254	11	99,248	6,855,201	69.1
10-11	0.000100	99,242	10	99,237	6,755,953	68.1
11-12	0.000104	99,232	10	99,227	6,656,716	67.1
12-13	0.000141	99,222	14	99,215	6,557,488	66.1
13-14	0.000220	99,208	22	99,197	6,458,273	65.1
14-15	0.000328	99,186	33	99,170	6,359,076	64.1
15-16	0.000451	99,154	45	99,131	6,259,906	63.1
16-17	0.000566	99,109	56	99,081	6,160,775	62.2
17-18	0.000664	99,053	66	99,020	6,061,693	61.2
18-19	0.000731	98,987	72	98,951	5,962,673	60.2
19-20	0.000775	98,915	77	98,877	5,863,722	59.3
20-21	0.000817	98,838	81	98,798	5,764,846	58.3
21-22	0.000861	98,757	85	98,715	5,666,048	57.4
22-23	0.000888	98,672	88	98,629	5,567,333	56.4
23-24	0.000895	98,585	88	98,541	5,468,704	55.5
24-25	0.000887	98,497	87	98,453	5,370,164	54.5
25-26	0.000876	98,409	86	98,366	5,271,711	53.6
26-27	0.000868	98,323	85	98,280	5,173,345	52.6
27-28	0.000867	98,238	85	98,195	5,075,065	51.7
28-29	0.000877	98,152	86	98,109	4,976,870	50.7
29-30	0.000898	98,066	88	98,022	4,878,760	49.7
30-31	0.000921	97,978	90	97,933	4,780,738	48.8
31-32	0.000953	97,888	93	97,841	4,682,805	47.8
32-33	0.001010	97,795	99	97,745	4,584,963	46.9
33-34	0.001080	97,696	106	97,643	4,487,218	45.9
34-35	0.001176	97,590	115	97,533	4,389,575	45.0
35-36	0.001282	97,476	125	97,413	4,292,042	44.0
36-37	0.001391	97,351	135	97,283	4,194,628	43.1
37-38	0.001506	97,215	146	97,142	4,097,345	42.1

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
38-39	0.001624	97,069	158	96,990	4,000,203	41.2
39-40	0.001747	96,911	169	96,827	3,903,213	40.3
40-41	0.001875	96,742	181	96,651	3,806,386	39.3
41-42	0.002012	96,561	194	96,464	3,709,735	38.4
42-43	0.002164	96,366	209	96,262	3,613,271	37.5
43-44	0.002338	96,158	225	96,045	3,517,009	36.6
44-45	0.002536	95,933	243	95,811	3,420,964	35.7
45-46	0.002757	95,690	264	95,558	3,325,153	34.7
46-47	0.002996	95,426	286	95,283	3,229,595	33.8
47-48	0.003245	95,140	309	94,986	3,134,312	32.9
48-49	0.003492	94,831	331	94,666	3,039,326	32.0
49-50	0.003738	94,500	353	94,323	2,944,661	31.2
50-51	0.003993	94,147	376	93,959	2,850,338	30.3
51-52	0.004272	93,771	401	93,571	2,756,379	29.4
52-53	0.004593	93,370	429	93,156	2,662,808	28.5
53-54	0.004984	92,941	463	92,710	2,569,652	27.6
54-55	0.005461	92,478	505	92,226	2,476,943	26.8
55-56	0.006038	91,973	555	91,695	2,384,717	25.9
56-57	0.006694	91,418	612	91,112	2,293,022	25.1
57-58	0.007401	90,806	672	90,470	2,201,910	24.2
58-59	0.008108	90,134	731	89,768	2,111,440	23.4
59-60	0.008816	89,403	788	89,009	2,021,672	22.6
60-61	0.009602	88,615	851	88,189	1,932,663	21.8
61-62	0.010512	87,764	923	87,303	1,844,474	21.0
62-63	0.011492	86,841	998	86,342	1,757,171	20.2
63-64	0.012538	85,843	1,076	85,305	1,670,829	19.5
64-65	0.013665	84,767	1,158	84,188	1,585,523	18.7
65-66	0.014866	83,609	1,243	82,987	1,501,335	18.0
66-67	0.016209	82,366	1,335	81,698	1,418,348	17.2
67-68	0.017737	81,031	1,437	80,312	1,336,650	16.5
68-69	0.019471	79,594	1,550	78,819	1,256,337	15.8
69-70	0.021376	78,044	1,668	77,210	1,177,519	15.1
70-71	0.023334	76,376	1,782	75,485	1,100,309	14.4
71-72	0.025353	74,593	1,891	73,648	1,024,824	13.7
72-73	0.027693	72,702	2,013	71,696	951,177	13.1
73-74	0.030425	70,689	2,151	69,614	879,481	12.4
74-75	0.033370	68,538	2,287	67,395	809,867	11.8
75-76	0.036558	66,251	2,422	65,040	742,472	11.2

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
76-77	0.040043	63,829	2,556	62,551	677,432	10.6
77-78	0.043805	61,273	2,684	59,931	614,881	10.0
78-79	0.048024	58,589	2,814	57,182	554,950	9.5
79-80	0.052848	55,775	2,948	54,302	497,767	8.9
80-81	0.058189	52,828	3,074	51,291	443,466	8.4
81-82	0.064313	49,754	3,200	48,154	392,175	7.9
82-83	0.071361	46,554	3,322	44,893	344,021	7.4
83-84	0.078748	43,232	3,404	41,530	299,128	6.9
84-85	0.087294	39,827	3,477	38,089	257,598	6.5
85-86	0.096842	36,351	3,520	34,591	219,509	6.0
86-87	0.107437	32,830	3,527	31,067	184,919	5.6
87-88	0.118950	29,303	3,486	27,560	153,852	5.3
88-89	0.131407	25,818	3,393	24,121	126,291	4.9
89-90	0.144823	22,425	3,248	20,801	102,170	4.6
90-91	0.159202	19,177	3,053	17,651	81,369	4.2
91-92	0.174530	16,124	2,814	14,717	63,718	4.0
92-93	0.190780	13,310	2,539	12,040	49,001	3.7
93-94	0.207904	10,771	2,239	9,651	36,960	3.4
94-95	0.225835	8,532	1,927	7,568	27,309	3.2
95-96	0.244489	6,605	1,615	5,797	19,741	3.0
96-97	0.263761	4,990	1,316	4,332	13,943	2.8
97-98	0.283532	3,674	1,042	3,153	9,611	2.6
98-99	0.303669	2,632	799	2,233	6,458	2.5
99-100	0.324026	1,833	594	1,536	4,226	2.3
100 and over	1.000000	1,239	1,239	2,690	2,690	2.2

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.006209	100,000	621	99,455	7,487,211	74.9
1-2	0.000510	99,379	51	99,354	7,387,755	74.3
2-3	0.000360	99,328	36	99,310	7,288,402	73.4
3-4	0.000266	99,293	26	99,279	7,189,091	72.4
4-5	0.000223	99,266	22	99,255	7,089,812	71.4
5-6	0.000186	99,244	18	99,235	6,990,557	70.4
6-7	0.000171	99,226	17	99,217	6,891,322	69.5
7-8	0.000158	99,209	16	99,201	6,792,105	68.5
8-9	0.000139	99,193	14	99,186	6,692,904	67.5
9-10	0.000116	99,179	11	99,173	6,593,718	66.5
10-11	0.000098	99,168	10	99,163	6,494,544	65.5
11-12	0.000106	99,158	10	99,153	6,395,381	64.5
12-13	0.000159	99,148	16	99,140	6,296,229	63.5
13-14	0.000272	99,132	27	99,118	6,197,089	62.5
14-15	0.000426	99,105	42	99,084	6,097,971	61.5
15-16	0.000597	99,063	59	99,033	5,998,887	60.6
16-17	0.000759	99,003	75	98,966	5,899,854	59.6
17-18	0.000902	98,928	89	98,884	5,800,888	58.6
18-19	0.001014	98,839	100	98,789	5,702,005	57.7
19-20	0.001100	98,739	109	98,684	5,603,216	56.7
20-21	0.001187	98,630	117	98,572	5,504,532	55.8
21-22	0.001272	98,513	125	98,450	5,405,960	54.9
22-23	0.001323	98,388	130	98,323	5,307,510	53.9
23-24	0.001331	98,258	131	98,192	5,209,187	53.0
24-25	0.001306	98,127	128	98,063	5,110,995	52.1
25-26	0.001269	97,999	124	97,937	5,012,932	51.2
26-27	0.001240	97,874	121	97,814	4,914,995	50.2
27-28	0.001220	97,753	119	97,693	4,817,182	49.3
28-29	0.001219	97,634	119	97,574	4,719,488	48.3
29-30	0.001237	97,515	121	97,454	4,621,914	47.4
30-31	0.001258	97,394	123	97,333	4,524,460	46.5
31-32	0.001288	97,272	125	97,209	4,427,127	45.5
32-33	0.001355	97,146	132	97,080	4,329,918	44.6
33-34	0.001435	97,015	139	96,945	4,232,838	43.6
34-35	0.001552	96,875	150	96,800	4,135,892	42.7
35-36	0.001683	96,725	163	96,644	4,039,092	41.8
36-37	0.001818	96,562	176	96,475	3,942,448	40.8
37-38	0.001961	96,387	189	96,292	3,845,974	39.9
38-39	0.002107	96,198	203	96,096	3,749,682	39.0
39-40	0.002258	95,995	217	95,887	3,653,585	38.1
40-41	0.002414	95,778	231	95,663	3,557,698	37.1

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
41-42	0.002583	95,547	247	95,424	3,462,036	36.2
42-43	0.002777	95,300	265	95,168	3,366,612	35.3
43-44	0.003007	95,036	286	94,893	3,271,444	34.4
44-45	0.003271	94,750	310	94,595	3,176,551	33.5
45-46	0.003568	94,440	337	94,272	3,081,956	32.6
46-47	0.003884	94,103	365	93,920	2,987,685	31.7
47-48	0.004203	93,738	394	93,541	2,893,765	30.9
48-49	0.004507	93,344	421	93,133	2,800,224	30.0
49-50	0.004798	92,923	446	92,700	2,707,091	29.1
50-51	0.005094	92,477	471	92,241	2,614,391	28.3
51-52	0.005423	92,006	499	91,756	2,522,149	27.4
52-53	0.005801	91,507	531	91,242	2,430,393	26.6
53-54	0.006265	90,976	570	90,691	2,339,151	25.7
54-55	0.006834	90,406	618	90,097	2,248,460	24.9
55-56	0.007521	89,788	675	89,451	2,158,363	24.0
56-57	0.008304	89,113	740	88,743	2,068,912	23.2
57-58	0.009155	88,373	809	87,969	1,980,169	22.4
58-59	0.010015	87,564	877	87,126	1,892,201	21.6
59-60	0.010884	86,687	943	86,215	1,805,075	20.8
60-61	0.011844	85,744	1,016	85,236	1,718,860	20.0
61-62	0.012955	84,728	1,098	84,179	1,633,624	19.3
62-63	0.014162	83,630	1,184	83,038	1,549,445	18.5
63-64	0.015464	82,446	1,275	81,809	1,466,406	17.8
64-65	0.016876	81,171	1,370	80,486	1,384,598	17.1
65-66	0.018369	79,801	1,466	79,068	1,304,112	16.3
66-67	0.020022	78,335	1,568	77,551	1,225,043	15.6
67-68	0.021920	76,767	1,683	75,926	1,147,492	14.9
68-69	0.024106	75,084	1,810	74,179	1,071,567	14.3
69-70	0.026502	73,274	1,942	72,303	997,387	13.6
70-71	0.028939	71,332	2,064	70,300	925,084	13.0
71-72	0.031470	69,268	2,180	68,178	854,784	12.3
72-73	0.034391	67,088	2,307	65,935	786,606	11.7
73-74	0.037784	64,781	2,448	63,557	720,671	11.1
74-75	0.041480	62,333	2,586	61,040	657,114	10.5
75-76	0.045525	59,748	2,720	58,388	596,074	10.0
76-77	0.049918	57,028	2,847	55,604	537,686	9.4
77-78	0.054536	54,181	2,955	52,704	482,082	8.9
78-79	0.059627	51,226	3,054	49,699	429,378	8.4
70-80	0.065297	48,172	3,145	46,599	379,679	7.9
80-81	0.071755	45,026	3,231	43,411	333,081	7.4
81-82	0.079409	41,795	3,319	40,136	289,670	6.9

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
82-83	0.087986	38,476	3,385	36,784	249,534	6.5
83-84	0.096931	35,091	3,401	33,390	212,750	6.1
84-85	0.107356	31,690	3,402	29,989	179,360	5.7
85-86	0.118669	28,288	3,357	26,609	149,371	5.3
86-87	0.130894	24,931	3,263	23,299	122,762	4.9
87-88	0.144048	21,667	3,121	20,107	99,463	4.6
88-89	0.158134	18,546	2,933	17,080	79,356	4.3
89-90	0.173141	15,613	2,703	14,262	62,276	4.0
90-91	0.189043	12,910	2,441	11,690	48,014	3.7
91-92	0.205795	10,470	2,155	9,392	36,325	3.5
92-93	0.223339	8,315	1,857	7,386	26,932	3.2
93-94	0.241594	6,458	1,560	5,678	19,546	3.0
94-95	0.260464	4,898	1,276	4,260	13,868	2.8
95-96	0.279838	3,622	1,014	3,115	9,608	2.7
96-97	0.299590	2,608	781	2,218	6,493	2.5
97-98	0.319585	1,827	584	1,535	4,275	2.3
98-99	0.339679	1,243	422	1,032	2,740	2.2
99-100	0.359727	821	295	673	1,708	2.1
100 and over	1.000000	526	526	1,035	1,035	2.0

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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	8,001,649	80.0
1-2	0.000429	99,494	43	99,473	7,902,090	79.4
2-3	0.000277	99,451	28	99,438	7,802,618	78.5
3-4	0.000200	99,424	20	99,414	7,703,180	77.5
4-5	0.000168	99,404	17	99,396	7,603,766	76.5
5-6	0.000156	99,387	16	99,380	7,504,371	75.5
6-7	0.000144	99,372	14	99,365	7,404,991	74.5
7-8	0.000135	99,357	13	99,351	7,305,626	73.5
8-9	0.000124	99,344	12	99,338	7,206,276	72.5
9-10	0.000111	99,332	11	99,326	7,106,938	71.5
10-11	0.000102	99,321	10	99,316	7,007,612	70.6
11-12	0.000103	99,311	10	99,305	6,908,296	69.6
12-13	0.000122	99,300	12	99,294	6,808,990	68.6
13-14	0.000165	99,288	16	99,280	6,709,696	67.6
14-15	0.000225	99,272	22	99,261	6,610,416	66.6
15-16	0.000295	99,250	29	99,235	6,511,155	65.6
16-17	0.000360	99,220	36	99,203	6,411,920	64.6
17-18	0.000407	99,185	40	99,165	6,312,718	63.6
18-19	0.000427	99,144	42	99,123	6,213,553	62.7
19-20	0.000427	99,102	42	99,081	6,114,430	61.7
20-21	0.000423	99,060	42	99,039	6,015,349	60.7
21-22	0.000424	99,018	42	98,997	5,916,310	59.7
22-23	0.000427	98,976	42	98,955	5,817,314	58.8
23-24	0.000434	98,933	43	98,912	5,718,359	57.8
24-25	0.000446	98,891	44	98,868	5,619,447	56.8
25-26	0.000460	98,846	46	98,824	5,520,579	55.9
26-27	0.000477	98,801	47	98,777	5,421,755	54.9
27-28	0.000497	98,754	49	98,729	5,322,977	53.9
28-29	0.000518	98,705	51	98,679	5,224,248	52.9
29-30	0.000543	98,654	54	98,627	5,125,569	52.0
30-31	0.000569	98,600	56	98,572	5,026,942	51.0
31-32	0.000603	98,544	59	98,514	4,928,370	50.0
32-33	0.000653	98,484	64	98,452	4,829,856	49.0
33-34	0.000713	98,420	70	98,385	4,731,404	48.1
34-35	0.000789	98,350	78	98,311	4,633,019	47.1
35-36	0.000871	98,272	86	98,230	4,534,708	46.1
36-37	0.000955	98,187	94	98,140	4,436,478	45.2
37-38	0.001043	98,093	102	98,042	4,338,338	44.2
38-39	0.001134	97,991	111	97,935	4,240,296	43.3
39-40	0.001229	97,880	120	97,820	4,142,361	42.3
40-41	0.001330	97,759	130	97,694	4,044,541	41.4

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
41-42	0.001437	97,629	140	97,559	3,946,847	40.4
42-43	0.001548	97,489	151	97,414	3,849,288	39.5
43-44	0.001669	97,338	162	97,257	3,751,874	38.5
44-45	0.001801	97,176	175	97,088	3,654,617	37.6
45-46	0.001949	97,001	189	96,906	3,557,529	36.7
46-47	0.002114	96,812	205	96,709	3,460,623	35.7
47-48	0.002295	96,607	222	96,496	3,363,913	34.8
48-49	0.002489	96,385	240	96,265	3,267,417	33.9
49-50	0.002693	96,145	259	96,016	3,171,152	33.0
50-51	0.002908	95,887	279	95,747	3,075,136	32.1
51-52	0.003142	95,608	300	95,457	2,979,389	31.2
52-53	0.003410	95,307	325	95,145	2,883,931	30.3
53-54	0.003734	94,982	355	94,805	2,788,787	29.4
54-55	0.004128	94,628	391	94,432	2,693,982	28.5
55-56	0.004605	94,237	434	94,020	2,599,549	27.6
56-57	0.005147	93,803	483	93,562	2,505,529	26.7
57-58	0.005725	93,320	534	93,053	2,411,968	25.8
58-59	0.006296	92,786	584	92,494	2,318,915	25.0
59-60	0.006862	92,202	633	91,885	2,226,421	24.1
60-61	0.007495	91,569	686	91,226	2,134,536	23.3
61-62	0.008232	90,883	748	90,509	2,043,310	22.5
62-63	0.009017	90,135	813	89,728	1,952,801	21.7
63-64	0.009847	89,322	880	88,882	1,863,073	20.9
64-65	0.010737	88,442	950	87,968	1,774,191	20.1
65-66	0.011703	87,493	1,024	86,981	1,686,223	19.3
66-67	0.012799	86,469	1,107	85,915	1,599,242	18.5
67-68	0.014040	85,362	1,198	84,763	1,513,327	17.7
68-69	0.015426	84,164	1,298	83,514	1,428,564	17.0
69-70	0.016965	82,865	1,406	82,162	1,345,050	16.2
70-71	0.018576	81,460	1,513	80,703	1,262,887	15.5
71-72	0.020238	79,946	1,618	79,137	1,182,184	14.8
72-73	0.022198	78,328	1,739	77,459	1,103,047	14.1
73-74	0.024524	76,590	1,878	75,651	1,025,588	13.4
74-75	0.027036	74,711	2,020	73,701	949,937	12.7
75-76	0.029768	72,692	2,164	71,610	876,236	12.1
76-77	0.032796	70,528	2,313	69,371	804,626	11.4
77-78	0.036145	68,215	2,466	66,982	735,255	10.8
78-79	0.039967	65,749	2,628	64,435	668,273	10.2
70-80	0.044460	63,121	2,806	61,718	603,838	9.6
80-81	0.049327	60,315	2,975	58,827	542,121	9.0
81-82	0.054788	57,340	3,142	55,769	483,293	8.4

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
82-83	0.061279	54,198	3,321	52,538	427,525	7.9
83-84	0.068419	50,877	3,481	49,136	374,987	7.4
84-85	0.076858	47,396	3,643	45,575	325,851	6.9
85-86	0.086026	43,753	3,764	41,871	280,276	6.4
86-87	0.096247	39,989	3,849	38,065	238,405	6.0
87-88	0.107457	36,140	3,884	34,199	200,340	5.5
88-89	0.119700	32,257	3,861	30,326	166,141	5.2
89-90	0.133005	28,396	3,777	26,507	135,815	4.8
90-91	0.147390	24,619	3,629	22,805	109,308	4.4
91-92	0.162857	20,990	3,418	19,281	86,503	4.1
92-93	0.179386	17,572	3,152	15,996	67,222	3.8
93-94	0.196937	14,420	2,840	13,000	51,226	3.6
94-95	0.215445	11,580	2,495	10,333	38,226	3.3
95-96	0.234824	9,085	2,133	8,018	27,893	3.1
96-97	0.254961	6,952	1,772	6,066	19,875	2.9
97-98	0.275722	5,179	1,428	4,465	13,809	2.7
98-99	0.296954	3,751	1,114	3,194	9,344	2.5
99-100	0.318489	2,637	840	2,217	6,150	2.3
100 and over	1.000000	1,797	1,797	3,932	3,932	2.2

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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	7,203,089	72.0
1-2	0.000817	98,603	81	98,562	7,104,301	72.0
2-3	0.000443	98,522	44	98,500	7,005,738	71.1
3-4	0.000354	98,478	35	98,461	6,907,238	70.1
4-5	0.000269	98,444	26	98,430	6,808,777	69.2
5-6	0.000249	98,417	24	98,405	6,710,347	68.2
6-7	0.000225	98,393	22	98,381	6,611,942	67.2
7-8	0.000206	98,370	20	98,360	6,513,561	66.2
8-9	0.000187	98,350	18	98,341	6,415,200	65.2
9-10	0.000171	98,332	17	98,323	6,316,859	64.2
10-11	0.000162	98,315	16	98,307	6,218,536	63.3
11-12	0.000173	98,299	17	98,291	6,120,229	62.3
12-13	0.000217	98,282	21	98,271	6,021,938	61.3
13-14	0.000304	98,261	30	98,246	5,923,667	60.3
14-15	0.000427	98,231	42	98,210	5,825,421	59.3
15-16	0.000568	98,189	56	98,161	5,727,211	58.3
16-17	0.000712	98,133	70	98,098	5,629,050	57.4
17-18	0.000864	98,063	85	98,021	5,530,952	56.4
18-19	0.001012	97,979	99	97,929	5,432,931	55.5
19-20	0.001154	97,879	113	97,823	5,335,002	54.5
20-21	0.001305	97,766	128	97,703	5,237,179	53.6
21-22	0.001453	97,639	142	97,568	5,139,477	52.6
22-23	0.001562	97,497	152	97,421	5,041,908	51.7
23-24	0.001620	97,345	158	97,266	4,944,487	50.8
24-25	0.001639	97,187	159	97,107	4,847,221	49.9
25-26	0.001648	97,028	160	96,948	4,750,114	49.0
26-27	0.001667	96,868	161	96,787	4,653,166	48.0
27-28	0.001691	96,706	163	96,625	4,556,379	47.1
28-29	0.001725	96,543	167	96,460	4,459,754	46.2
29-30	0.001772	96,376	171	96,291	4,363,295	45.3
30-31	0.001821	96,206	175	96,118	4,267,003	44.4
31-32	0.001880	96,031	181	95,940	4,170,885	43.4
32-33	0.002002	95,850	192	95,754	4,074,945	42.5
33-34	0.002099	95,658	201	95,558	3,979,191	41.6
34-35	0.002259	95,457	216	95,350	3,883,633	40.7
35-36	0.002431	95,242	232	95,126	3,788,284	39.8
36-37	0.002612	95,010	248	94,886	3,693,158	38.9
37-38	0.002820	94,762	267	94,628	3,598,271	38.0
38-39	0.003060	94,495	289	94,350	3,503,643	37.1
39-40	0.003329	94,206	314	94,049	3,409,293	36.2
40-41	0.003613	93,892	339	93,722	3,315,244	35.3

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
41-42	0.003910	93,553	366	93,370	3,221,522	34.4
42-43	0.004237	93,187	395	92,990	3,128,152	33.6
43-44	0.004605	92,792	427	92,579	3,035,162	32.7
44-45	0.005017	92,365	463	92,133	2,942,584	31.9
45-46	0.005475	91,901	503	91,650	2,850,451	31.0
46-47	0.005965	91,398	545	91,126	2,758,801	30.2
47-48	0.006473	90,853	588	90,559	2,667,675	29.4
48-49	0.006974	90,265	629	89,950	2,577,116	28.6
49-50	0.007465	89,636	669	89,301	2,487,166	27.7
50-51	0.007977	88,966	710	88,612	2,397,865	27.0
51-52	0.008525	88,257	752	87,881	2,309,253	26.2
52-53	0.009106	87,504	797	87,106	2,221,373	25.4
53-54	0.009754	86,708	846	86,285	2,134,267	24.6
54-55	0.010503	85,862	902	85,411	2,047,982	23.9
55-56	0.011401	84,960	969	84,476	1,962,571	23.1
56-57	0.012435	83,991	1,044	83,469	1,878,095	22.4
57-58	0.013523	82,947	1,122	82,386	1,794,626	21.6
58-59	0.014539	81,825	1,190	81,230	1,712,240	20.9
59-60	0.015455	80,636	1,246	80,012	1,631,010	20.2
60-61	0.016335	79,389	1,297	78,741	1,550,997	19.5
61-62	0.017323	78,093	1,353	77,416	1,472,256	18.9
62-63	0.018470	76,740	1,417	76,031	1,394,840	18.2
63-64	0.019873	75,322	1,497	74,574	1,318,809	17.5
64-65	0.021511	73,826	1,588	73,032	1,244,235	16.9
65-66	0.023267	72,237	1,681	71,397	1,171,204	16.2
66-67	0.025051	70,557	1,768	69,673	1,099,806	15.6
67-68	0.026918	68,789	1,852	67,863	1,030,133	15.0
68-69	0.028946	66,938	1,938	65,969	962,270	14.4
69-70	0.031021	65,000	2,016	63,992	896,301	13.8
70-71	0.033099	62,984	2,085	61,941	832,310	13.2
71-72	0.035414	60,899	2,157	59,821	770,368	12.6
72-73	0.038159	58,742	2,242	57,621	710,548	12.1
73-74	0.041415	56,501	2,340	55,331	652,926	11.6
74-75	0.044669	54,161	2,419	52,951	597,595	11.0
75-76	0.048272	51,741	2,498	50,493	544,644	10.5
76-77	0.052196	49,244	2,570	47,959	494,152	10.0
77-78	0.055966	46,673	2,612	45,367	446,193	9.6
78-79	0.060422	44,061	2,662	42,730	400,826	9.1
70-80	0.065115	41,399	2,696	40,051	358,096	8.6
80-81	0.069595	38,703	2,694	37,357	318,044	8.2
81-82	0.074900	36,010	2,697	34,661	280,688	7.8

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
82-83	0.081834	33,313	2,726	31,950	246,026	7.4
83-84	0.088339	30,587	2,702	29,236	214,077	7.0
84-85	0.094199	27,885	2,627	26,571	184,841	6.6
85-86	0.102786	25,258	2,596	23,960	158,270	6.3
86-87	0.110970	22,662	2,515	21,404	134,310	5.9
87-88	0.119668	20,147	2,411	18,942	112,906	5.6
88-89	0.128889	17,736	2,286	16,593	93,964	5.3
89-90	0.138641	15,450	2,142	14,379	77,371	5.0
90-91	0.148926	13,308	1,982	12,317	62,992	4.7
91-92	0.159743	11,326	1,809	10,421	50,675	4.5
92-93	0.171087	9,517	1,628	8,703	40,253	4.2
93-94	0.182945	7,889	1,443	7,167	31,551	4.0
94-95	0.195301	6,445	1,259	5,816	24,384	3.8
95-96	0.208133	5,187	1,080	4,647	18,568	3.6
96-97	0.221412	4,107	909	3,652	13,921	3.4
97-98	0.235103	3,198	752	2,822	10,268	3.2
98-99	0.249168	2,446	609	2,141	7,446	3.0
99-100	0.263560	1,837	484	1,594	5,305	2.9
100 and over	1.000000	1,352	1,352	3,711	3,711	2.7

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.015432	100,000	1,543	98,653	6,845,396	68.5
1-2	0.000896	98,457	88	98,413	6,746,744	68.5
2-3	0.000507	98,369	50	98,344	6,648,331	67.6
3-4	0.000392	98,319	39	98,299	6,549,987	66.6
4-5	0.000313	98,280	31	98,265	6,451,688	65.6
5-6	0.000284	98,249	28	98,235	6,353,423	64.7
6-7	0.000262	98,221	26	98,209	6,255,188	63.7
7-8	0.000243	98,196	24	98,184	6,156,979	62.7
8-9	0.000217	98,172	21	98,161	6,058,795	61.7
9-10	0.000187	98,151	18	98,141	5,960,634	60.7
10-11	0.000167	98,132	16	98,124	5,862,493	59.7
11-12	0.000177	98,116	17	98,107	5,764,369	58.8
12-13	0.000246	98,099	24	98,086	5,666,261	57.8
13-14	0.000389	98,074	38	98,055	5,568,175	56.8
14-15	0.000594	98,036	58	98,007	5,470,120	55.8
15-16	0.000825	97,978	81	97,938	5,372,113	54.8
16-17	0.001059	97,897	104	97,845	5,274,175	53.9
17-18	0.001303	97,793	127	97,730	5,176,330	52.9
18-19	0.001546	97,666	151	97,590	5,078,600	52.0
19-20	0.001782	97,515	174	97,428	4,981,010	51.1
20-21	0.002037	97,341	198	97,242	4,883,581	50.2
21-22	0.002287	97,143	222	97,032	4,786,339	49.3
22-23	0.002467	96,921	239	96,801	4,689,307	48.4
23-24	0.002546	96,682	246	96,559	4,592,506	47.5
24-25	0.002545	96,436	245	96,313	4,495,947	46.6
25-26	0.002515	96,190	242	96,069	4,399,635	45.7
26-27	0.002496	95,948	239	95,829	4,303,565	44.9
27-28	0.002482	95,709	238	95,590	4,207,737	44.0
28-29	0.002490	95,471	238	95,353	4,112,146	43.1
29-30	0.002520	95,234	240	95,114	4,016,794	42.2
30-31	0.002551	94,994	242	94,873	3,921,680	41.3
31-32	0.002591	94,751	245	94,629	3,826,808	40.4
32-33	0.002725	94,506	258	94,377	3,732,179	39.5
33-34	0.002800	94,248	264	94,116	3,637,802	38.6
34-35	0.002972	93,984	279	93,845	3,543,685	37.7
35-36	0.003165	93,705	297	93,557	3,449,841	36.8
36-37	0.003371	93,409	315	93,251	3,356,284	35.9
37-38	0.003602	93,094	335	92,926	3,263,032	35.1
38-39	0.003861	92,758	358	92,579	3,170,106	34.2
39-40	0.004149	92,400	383	92,209	3,077,527	33.3
40-41	0.004450	92,017	409	91,812	2,985,318	32.4

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
41-42	0.004778	91,608	438	91,389	2,893,506	31.6
42-43	0.005177	91,170	472	90,934	2,802,117	30.7
43-44	0.005674	90,698	515	90,441	2,711,183	29.9
44-45	0.006264	90,183	565	89,901	2,620,743	29.1
45-46	0.006934	89,618	621	89,308	2,530,842	28.2
46-47	0.007642	88,997	680	88,657	2,441,534	27.4
47-48	0.008356	88,317	738	87,948	2,352,877	26.6
48-49	0.009024	87,579	790	87,184	2,264,929	25.9
49-50	0.009649	86,789	837	86,370	2,177,746	25.1
50-51	0.010290	85,951	884	85,509	2,091,376	24.3
51-52	0.010985	85,067	934	84,599	2,005,867	23.6
52-53	0.011725	84,132	986	83,639	1,921,267	22.8
53-54	0.012558	83,146	1,044	82,624	1,837,628	22.1
54-55	0.013531	82,102	1,111	81,546	1,755,005	21.4
55-56	0.014701	80,991	1,191	80,395	1,673,458	20.7
56-57	0.016042	79,800	1,280	79,160	1,593,063	20.0
57-58	0.017447	78,520	1,370	77,835	1,513,903	19.3
58-59	0.018734	77,150	1,445	76,427	1,436,068	18.6
59-60	0.019862	75,705	1,504	74,953	1,359,641	18.0
60-61	0.020927	74,201	1,553	73,425	1,284,688	17.3
61-62	0.022123	72,648	1,607	71,845	1,211,263	16.7
62-63	0.023520	71,041	1,671	70,206	1,139,419	16.0
63-64	0.025257	69,370	1,752	68,494	1,069,213	15.4
64-65	0.027312	67,618	1,847	66,695	1,000,719	14.8
65-66	0.029508	65,771	1,941	64,801	934,024	14.2
66-67	0.031745	63,831	2,026	62,817	869,223	13.6
67-68	0.034114	61,804	2,108	60,750	806,406	13.0
68-69	0.036727	59,696	2,192	58,600	745,656	12.5
69-70	0.039539	57,503	2,274	56,367	687,056	11.9
70-71	0.042463	55,230	2,345	54,057	630,689	11.4
71-72	0.045606	52,885	2,412	51,679	576,632	10.9
72-73	0.049168	50,473	2,482	49,232	524,953	10.4
73-74	0.053198	47,991	2,553	46,715	475,722	9.9
74-75	0.057233	45,438	2,601	44,138	429,007	9.4
75-76	0.061596	42,838	2,639	41,518	384,869	9.0
76-77	0.066551	40,199	2,675	38,861	343,351	8.5
77-78	0.072251	37,524	2,711	36,168	304,490	8.1
78-79	0.078008	34,813	2,716	33,455	268,322	7.7
70-80	0.084158	32,097	2,701	30,746	234,867	7.3
80-81	0.090718	29,396	2,667	28,062	204,121	6.9
81-82	0.097704	26,729	2,612	25,423	176,058	6.6

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
82-83	0.105129	24,117	2,535	22,850	150,635	6.2
83-84	0.113007	21,582	2,439	20,363	127,785	5.9
84-85	0.121348	19,143	2,323	17,982	107,423	5.6
85-86	0.130159	16,820	2,189	15,725	89,441	5.3
86-87	0.139447	14,631	2,040	13,611	73,716	5.0
87-88	0.149213	12,591	1,879	11,651	60,105	4.8
88-89	0.159456	10,712	1,708	9,858	48,454	4.5
89-90	0.170171	9,004	1,532	8,238	38,596	4.3
90-91	0.181349	7,472	1,355	6,794	30,358	4.1
91-92	0.192976	6,117	1,180	5,526	23,564	3.9
92-93	0.205033	4,936	1,012	4,430	18,038	3.7
93-94	0.217497	3,924	853	3,497	13,607	3.5
94-95	0.230341	3,071	707	2,717	10,110	3.3
95-96	0.243533	2,363	576	2,076	7,393	3.1
96-97	0.257035	1,788	460	1,558	5,317	3.0
97-98	0.270806	1,328	360	1,148	3,759	2.8
98-99	0.284802	969	276	831	2,611	2.7
99-100	0.298975	693	207	589	1,780	2.6
100 and over	1.000000	486	486	1,191	1,191	2.5

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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	7,532,510	75.3
1-2	0.000734	98,753	73	98,717	7,433,583	75.3
2-3	0.000377	98,680	37	98,662	7,334,867	74.3
3-4	0.000315	98,643	31	98,628	7,236,205	73.4
4-5	0.000223	98,612	22	98,601	7,137,578	72.4
5-6	0.000212	98,590	21	98,580	7,038,977	71.4
6-7	0.000185	98,569	18	98,560	6,940,397	70.4
7-8	0.000167	98,551	16	98,543	6,841,837	69.4
8-9	0.000157	98,534	15	98,527	6,743,295	68.4
9-10	0.000154	98,519	15	98,511	6,644,768	67.4
10-11	0.000158	98,504	16	98,496	6,546,257	66.5
11-12	0.000169	98,488	17	98,480	6,447,761	65.5
12-13	0.000188	98,472	19	98,462	6,349,281	64.5
13-14	0.000217	98,453	21	98,442	6,250,819	63.5
14-15	0.000254	98,432	25	98,419	6,152,377	62.5
15-16	0.000299	98,407	29	98,392	6,053,957	61.5
16-17	0.000350	98,377	34	98,360	5,955,566	60.5
17-18	0.000405	98,343	40	98,323	5,857,206	59.6
18-19	0.000462	98,303	45	98,280	5,758,883	58.6
19-20	0.000518	98,258	51	98,232	5,660,602	57.6
20-21	0.000579	98,207	57	98,178	5,562,370	56.6
21-22	0.000642	98,150	63	98,118	5,464,192	55.7
22-23	0.000700	98,087	69	98,052	5,366,073	54.7
23-24	0.000750	98,018	74	97,981	5,268,021	53.7
24-25	0.000798	97,945	78	97,906	5,170,040	52.8
25-26	0.000852	97,867	83	97,825	5,072,134	51.8
26-27	0.000916	97,783	90	97,738	4,974,309	50.9
27-28	0.000980	97,694	96	97,646	4,876,571	49.9
28-29	0.001041	97,598	102	97,547	4,778,925	49.0
29-30	0.001102	97,496	107	97,443	4,681,378	48.0
30-31	0.001166	97,389	114	97,332	4,583,935	47.1
31-32	0.001243	97,275	121	97,215	4,486,603	46.1
32-33	0.001359	97,154	132	97,088	4,389,389	45.2
33-34	0.001471	97,022	143	96,951	4,292,300	44.2
34-35	0.001623	96,880	157	96,801	4,195,349	43.3
35-36	0.001777	96,722	172	96,636	4,098,548	42.4
36-37	0.001938	96,550	187	96,457	4,001,912	41.4
37-38	0.002126	96,363	205	96,261	3,905,455	40.5
38-39	0.002350	96,158	226	96,045	3,809,194	39.6
39-40	0.002601	95,932	250	95,808	3,713,149	38.7
40-41	0.002870	95,683	275	95,546	3,617,341	37.8

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
41-42	0.003140	95,408	300	95,259	3,521,795	36.9
42-43	0.003404	95,109	324	94,947	3,426,537	36.0
43-44	0.003660	94,785	347	94,611	3,331,590	35.1
44-45	0.003918	94,438	370	94,253	3,236,979	34.3
45-46	0.004194	94,068	395	93,871	3,142,725	33.4
46-47	0.004500	93,673	422	93,463	3,048,855	32.5
47-48	0.004835	93,252	451	93,026	2,955,392	31.7
48-49	0.005194	92,801	482	92,560	2,862,366	30.8
49-50	0.005573	92,319	514	92,062	2,769,806	30.0
50-51	0.005975	91,805	549	91,530	2,677,744	29.2
51-52	0.006401	91,256	584	90,964	2,586,213	28.3
52-53	0.006854	90,672	621	90,361	2,495,249	27.5
53-54	0.007355	90,050	662	89,719	2,404,888	26.7
54-55	0.007932	89,388	709	89,034	2,315,169	25.9
55-56	0.008626	88,679	765	88,297	2,226,135	25.1
56-57	0.009432	87,914	829	87,500	2,137,839	24.3
57-58	0.010291	87,085	896	86,637	2,050,339	23.5
58-59	0.011111	86,189	958	85,710	1,963,702	22.8
59-60	0.011872	85,231	1,012	84,725	1,877,992	22.0
60-61	0.012623	84,219	1,063	83,688	1,793,267	21.3
61-62	0.013467	83,156	1,120	82,596	1,709,579	20.6
62-63	0.014444	82,036	1,185	81,444	1,626,983	19.8
63-64	0.015624	80,851	1,263	80,220	1,545,539	19.1
64-65	0.016988	79,588	1,352	78,912	1,465,320	18.4
65-66	0.018460	78,236	1,444	77,514	1,386,408	17.7
66-67	0.019950	76,792	1,532	76,026	1,308,894	17.0
67-68	0.021505	75,260	1,618	74,451	1,232,868	16.4
68-69	0.023186	73,641	1,707	72,788	1,158,417	15.7
69-70	0.024832	71,934	1,786	71,041	1,085,630	15.1
70-71	0.026432	70,148	1,854	69,221	1,014,589	14.5
71-72	0.028307	68,294	1,933	67,327	945,368	13.8
72-73	0.030655	66,360	2,034	65,343	878,041	13.2
73-74	0.033553	64,326	2,158	63,247	812,698	12.6
74-75	0.036466	62,168	2,267	61,034	749,451	12.1
75-76	0.039762	59,901	2,382	58,710	688,417	11.5
76-77	0.043218	57,519	2,486	56,276	629,707	10.9
77-78	0.046359	55,033	2,551	53,757	573,431	10.4
78-79	0.050234	52,482	2,636	51,164	519,674	9.9
70-80	0.054593	49,845	2,721	48,485	468,510	9.4
80-81	0.058485	47,124	2,756	45,746	420,025	8.9
81-82	0.062977	44,368	2,794	42,971	374,279	8.4

Source: CDC/NCHS, National Vital Statistics System, Mortality.

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

Age	Probablity 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)
82-83	0.069275	41,574	2,880	40,134	331,308	8.0
83-84	0.075633	38,694	2,927	37,231	291,174	7.5
84-85	0.081928	35,767	2,930	34,302	253,944	7.1
85-86	0.089985	32,837	2,955	31,360	219,641	6.7
86-87	0.098450	29,882	2,942	28,411	188,282	6.3
87-88	0.107202	26,940	2,888	25,496	159,871	5.9
88-89	0.116572	24,052	2,804	22,650	134,374	5.6
89-90	0.126576	21,248	2,690	19,904	111,724	5.3
90-91	0.137225	18,559	2,547	17,286	91,820	4.9
91-92	0.148523	16,012	2,378	14,823	74,535	4.7
92-93	0.160469	13,634	2,188	12,540	59,712	4.4
93-94	0.173056	11,446	1,981	10,456	47,172	4.1
94-95	0.186266	9,465	1,763	8,584	36,716	3.9
95-96	0.200076	7,702	1,541	6,932	28,132	3.7
96-97	0.214452	6,161	1,321	5,501	21,200	3.4
97-98	0.229354	4,840	1,110	4,285	15,700	3.2
98-99	0.244731	3,730	913	3,273	11,415	3.1
99-100	0.260525	2,817	734	2,450	8,141	2.9
100 and over	1.000000	2,083	2,083	5,691	5,691	2.7

Source: CDC/NCHS, National Vital Statistics System, Mortality.