

Table 1. Life table for the total population: United States, 2003

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				surviving to	
	between	age x	between	between	person-years	of life
	ages x to x+1	age x	ages x to x+1	ages x to x+1	lived above	at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.006865	100,000	687	99,394	7,719,080	77.2
1-2	0.000472	99,313	47	99,290	7,619,686	76.7
2-3	0.000341	99,267	34	99,250	7,520,396	75.8
3-4	0.000257	99,233	26	99,220	7,421,146	74.8
4-5	0.000196	99,207	19	99,198	7,321,926	73.8
5-6	0.000180	99,188	18	99,179	7,222,728	72.8
6-7	0.000162	99,170	16	99,162	7,123,550	71.8
7-8	0.000148	99,154	15	99,147	7,024,388	70.8
8-9	0.000133	99,139	13	99,133	6,925,241	69.9
9-10	0.000118	99,126	12	99,120	6,826,108	68.9
10-11	0.000109	99,114	11	99,109	6,726,988	67.9
11-12	0.000117	99,104	12	99,098	6,627,879	66.9
12-13	0.000155	99,092	15	99,084	6,528,781	65.9
13-14	0.000230	99,077	23	99,065	6,429,697	64.9
14-15	0.000334	99,054	33	99,037	6,330,632	63.9
15-16	0.000452	99,021	45	98,998	6,231,594	62.9
16-17	0.000566	98,976	56	98,948	6,132,596	62.0
17-18	0.000672	98,920	66	98,887	6,033,648	61.0
18-19	0.000758	98,853	75	98,816	5,934,761	60.0
19-20	0.000825	98,779	81	98,738	5,835,945	59.1
20-21	0.000892	98,697	88	98,653	5,737,207	58.1
21-22	0.000957	98,609	94	98,562	5,638,554	57.2
22-23	0.000997	98,515	98	98,466	5,539,992	56.2
23-24	0.001008	98,417	99	98,367	5,441,527	55.3
24-25	0.000997	98,317	98	98,268	5,343,160	54.3
25-26	0.000977	98,219	96	98,171	5,244,891	53.4
26-27	0.000963	98,123	94	98,076	5,146,720	52.5
27-28	0.000958	98,029	94	97,982	5,048,644	51.5
28-29	0.000968	97,935	95	97,888	4,950,662	50.6
29-30	0.000993	97,840	97	97,792	4,852,774	49.6
30-31	0.001024	97,743	100	97,693	4,754,983	48.6
31-32	0.001060	97,643	103	97,591	4,657,290	47.7
32-33	0.001122	97,540	109	97,485	4,559,698	46.7
33-34	0.001173	97,430	114	97,373	4,462,214	45.8
34-35	0.001255	97,316	122	97,255	4,364,841	44.9
35-36	0.001347	97,194	131	97,128	4,267,586	43.9
36-37	0.001452	97,063	141	96,992	4,170,457	43.0

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

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	between	age x	between	between	person-years	of life
	ages x to x+1	age x	ages x to x+1	ages x to x+1	lived above	at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
37-38	0.001578	96,922	153	96,845	4,073,465	42.0
38-39	0.001724	96,769	167	96,686	3,976,620	41.1
39-40	0.001883	96,602	182	96,511	3,879,934	40.2
40-41	0.002046	96,420	197	96,322	3,783,423	39.2
41-42	0.002214	96,223	213	96,116	3,687,102	38.3
42-43	0.002397	96,010	230	95,895	3,590,985	37.4
43-44	0.002600	95,780	249	95,655	3,495,091	36.5
44-45	0.002826	95,531	270	95,396	3,399,435	35.6
45-46	0.003072	95,261	293	95,114	3,304,040	34.7
46-47	0.003330	94,968	316	94,810	3,208,925	33.8
47-48	0.003597	94,652	340	94,482	3,114,115	32.9
48-49	0.003868	94,311	365	94,129	3,019,634	32.0
49-50	0.004148	93,947	390	93,752	2,925,505	31.1
50-51	0.004452	93,557	417	93,349	2,831,753	30.3
51-52	0.004786	93,140	446	92,917	2,738,404	29.4
52-53	0.005147	92,695	477	92,456	2,645,487	28.5
53-54	0.005534	92,218	510	91,962	2,553,031	27.7
54-55	0.005955	91,707	546	91,434	2,461,068	26.8
55-56	0.006413	91,161	585	90,869	2,369,634	26.0
56-57	0.006920	90,576	627	90,263	2,278,766	25.2
57-58	0.007493	89,950	674	89,613	2,188,503	24.3
58-59	0.008150	89,276	728	88,912	2,098,890	23.5
59-60	0.008903	88,548	788	88,154	2,009,978	22.7
60-61	0.009781	87,760	858	87,331	1,921,824	21.9
61-62	0.010760	86,901	935	86,434	1,834,493	21.1
62-63	0.011777	85,966	1,012	85,460	1,748,059	20.3
63-64	0.012779	84,954	1,086	84,411	1,662,599	19.6
64-65	0.013787	83,868	1,156	83,290	1,578,188	18.8
65-66	0.014876	82,712	1,230	82,097	1,494,898	18.1
66-67	0.016144	81,482	1,315	80,824	1,412,801	17.3
67-68	0.017591	80,166	1,410	79,461	1,331,977	16.6
68-69	0.019226	78,756	1,514	77,999	1,252,515	15.9
69-70	0.021038	77,242	1,625	76,429	1,174,516	15.2
70-71	0.022913	75,617	1,733	74,751	1,098,087	14.5
71-72	0.024874	73,884	1,838	72,965	1,023,336	13.9
72-73	0.027205	72,047	1,960	71,067	950,371	13.2
73-74	0.029851	70,086	2,092	69,040	879,305	12.5

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

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	of dying				surviving to	
	between	age x	between	between	person-years	of life
	ages x to x+1	age x	ages x to x+1	ages x to x+1	lived above	at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
74-75	0.032818	67,994	2,231	66,879	810,264	11.9
75-76	0.036034	65,763	2,370	64,578	743,385	11.3
76-77	0.039332	63,393	2,493	62,147	678,807	10.7
77-78	0.043056	60,900	2,622	59,589	616,661	10.1
78-79	0.047322	58,278	2,758	56,899	557,072	9.6
79-80	0.052032	55,520	2,889	54,075	500,173	9.0
80-81	0.057308	52,631	3,016	51,123	446,098	8.5
81-82	0.063247	49,615	3,138	48,046	394,975	8.0
82-83	0.069727	46,477	3,241	44,857	346,929	7.5
83-84	0.077052	43,236	3,331	41,570	302,072	7.0
84-85	0.085661	39,905	3,418	38,196	260,502	6.5
85-86	0.095129	36,486	3,471	34,751	222,306	6.1
86-87	0.105680	33,016	3,489	31,271	187,555	5.7
87-88	0.117161	29,526	3,459	27,797	156,284	5.3
88-89	0.129601	26,067	3,378	24,378	128,488	4.9
89-90	0.143019	22,689	3,245	21,066	104,110	4.6
90-91	0.157418	19,444	3,061	17,913	83,043	4.3
91-92	0.172789	16,383	2,831	14,968	65,130	4.0
92-93	0.189104	13,552	2,563	12,271	50,162	3.7
93-94	0.206315	10,989	2,267	9,856	37,891	3.4
94-95	0.224357	8,722	1,957	7,744	28,035	3.2
95-96	0.243143	6,765	1,645	5,943	20,292	3.0
96-97	0.262569	5,120	1,344	4,448	14,349	2.8
97-98	0.282511	3,776	1,067	3,243	9,901	2.6
98-99	0.302833	2,709	820	2,299	6,658	2.5
99-100	0.323386	1,889	611	1,583	4,359	2.3
<u>100 and over</u>	1.000000	1,278	1,278	2,776	2,776	2.2

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

Table 2. Life table for males: United States, 2003

Age	Probability	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total	Expectation of life at age x
	of dying				number of	
	between ages x to x+1				person-years lived above age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.007611	100,000	761	99,329	7,454,397	74.5
1-2	0.000525	99,239	52	99,213	7,355,067	74.1
2-3	0.000375	99,187	37	99,168	7,255,854	73.2
3-4	0.000292	99,150	29	99,135	7,156,686	72.2
4-5	0.000218	99,121	22	99,110	7,057,551	71.2
5-6	0.000198	99,099	20	99,089	6,958,441	70.2
6-7	0.000181	99,079	18	99,070	6,859,352	69.2
7-8	0.000166	99,061	16	99,053	6,760,282	68.2
8-9	0.000147	99,045	15	99,038	6,661,229	67.3
9-10	0.000126	99,030	12	99,024	6,562,191	66.3
10-11	0.000113	99,018	11	99,012	6,463,167	65.3
11-12	0.000124	99,007	12	99,000	6,364,155	64.3
12-13	0.000178	98,994	18	98,986	6,265,155	63.3
13-14	0.000287	98,977	28	98,962	6,166,169	62.3
14-15	0.000438	98,948	43	98,927	6,067,207	61.3
15-16	0.000606	98,905	60	98,875	5,968,280	60.3
16-17	0.000769	98,845	76	98,807	5,869,405	59.4
17-18	0.000925	98,769	91	98,723	5,770,598	58.4
18-19	0.001061	98,678	105	98,625	5,671,875	57.5
19-20	0.001177	98,573	116	98,515	5,573,249	56.5
20-21	0.001295	98,457	127	98,393	5,474,734	55.6
21-22	0.001406	98,330	138	98,260	5,376,341	54.7
22-23	0.001475	98,191	145	98,119	5,278,081	53.8
23-24	0.001490	98,046	146	97,973	5,179,962	52.8
24-25	0.001462	97,900	143	97,829	5,081,989	51.9
25-26	0.001418	97,757	139	97,688	4,984,160	51.0
26-27	0.001380	97,619	135	97,551	4,886,472	50.1
27-28	0.001355	97,484	132	97,418	4,788,921	49.1
28-29	0.001355	97,352	132	97,286	4,691,503	48.2
29-30	0.001378	97,220	134	97,153	4,594,217	47.3
30-31	0.001409	97,086	137	97,018	4,497,064	46.3
31-32	0.001444	96,949	140	96,879	4,400,047	45.4
32-33	0.001515	96,809	147	96,736	4,303,167	44.4
33-34	0.001562	96,663	151	96,587	4,206,432	43.5
34-35	0.001650	96,512	159	96,432	4,109,844	42.6
35-36	0.001752	96,352	169	96,268	4,013,412	41.7
36-37	0.001872	96,184	180	96,094	3,917,144	40.7

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

Table 2. Life table for males: United States, 2003

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				dying	
	between	surviving to	between	between	person-years	of life
ages x to x+1	age x	ages x to x+1	ages x to x+1	aged above	at age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
37-38	0.002019	96,004	194	95,907	3,821,051	39.8
38-39	0.002194	95,810	210	95,705	3,725,144	38.9
39-40	0.002387	95,599	228	95,485	3,629,440	38.0
40-41	0.002586	95,371	247	95,248	3,533,954	37.1
41-42	0.002792	95,125	266	94,992	3,438,706	36.1
42-43	0.003022	94,859	287	94,716	3,343,714	35.2
43-44	0.003285	94,572	311	94,417	3,248,999	34.4
44-45	0.003581	94,262	338	94,093	3,154,582	33.5
45-46	0.003903	93,924	367	93,741	3,060,489	32.6
46-47	0.004240	93,558	397	93,359	2,966,748	31.7
47-48	0.004587	93,161	427	92,947	2,873,389	30.8
48-49	0.004940	92,734	458	92,505	2,780,441	30.0
49-50	0.005305	92,275	489	92,031	2,687,937	29.1
50-51	0.005701	91,786	523	91,524	2,595,906	28.3
51-52	0.006132	91,263	560	90,983	2,504,382	27.4
52-53	0.006583	90,703	597	90,405	2,413,399	26.6
53-54	0.007050	90,106	635	89,788	2,322,994	25.8
54-55	0.007541	89,471	675	89,133	2,233,206	25.0
55-56	0.008068	88,796	716	88,438	2,144,073	24.1
56-57	0.008655	88,080	762	87,698	2,055,635	23.3
57-58	0.009327	87,317	814	86,910	1,967,936	22.5
58-59	0.010112	86,503	875	86,066	1,881,026	21.7
59-60	0.011023	85,628	944	85,156	1,794,961	21.0
60-61	0.012086	84,684	1,023	84,173	1,709,805	20.2
61-62	0.013269	83,661	1,110	83,106	1,625,632	19.4
62-63	0.014511	82,551	1,198	81,952	1,542,526	18.7
63-64	0.015747	81,353	1,281	80,712	1,460,574	18.0
64-65	0.016996	80,072	1,361	79,391	1,379,862	17.2
65-66	0.018338	78,711	1,443	77,989	1,300,471	16.5
66-67	0.019889	77,268	1,537	76,499	1,222,482	15.8
67-68	0.021659	75,731	1,640	74,911	1,145,982	15.1
68-69	0.023660	74,091	1,753	73,214	1,071,072	14.5
69-70	0.025880	72,338	1,872	71,402	997,858	13.8
70-71	0.028154	70,466	1,984	69,474	926,456	13.1
71-72	0.030519	68,482	2,090	67,437	856,983	12.5
72-73	0.033376	66,392	2,216	65,284	789,546	11.9
73-74	0.036646	64,176	2,352	63,000	724,262	11.3

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

Table 2. Life table for males: United States, 2003

Age	Probability	Number surviving to age x	Number	Person-years	Total	Expectation of life at age x
	of dying		dying	lived	number of	
	between ages x to x+1		between ages x to x+1	between ages x to x+1	person-years lived above age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
74-75	0.040337	61,824	2,494	60,577	661,262	10.7
75-76	0.044428	59,330	2,636	58,012	600,685	10.1
76-77	0.048535	56,694	2,752	55,318	542,673	9.6
77-78	0.053051	53,943	2,862	52,512	487,355	9.0
78-79	0.058220	51,081	2,974	49,594	434,843	8.5
79-80	0.063881	48,107	3,073	46,570	385,249	8.0
80-81	0.070290	45,034	3,165	43,451	338,679	7.5
81-82	0.077439	41,868	3,242	40,247	295,228	7.1
82-83	0.084926	38,626	3,280	36,986	254,980	6.6
83-84	0.093697	35,346	3,312	33,690	217,994	6.2
84-85	0.104034	32,034	3,333	30,368	184,305	5.8
85-86	0.115282	28,701	3,309	27,047	153,937	5.4
86-87	0.127470	25,393	3,237	23,774	126,890	5.0
87-88	0.140618	22,156	3,116	20,598	103,116	4.7
88-89	0.154734	19,040	2,946	17,567	82,518	4.3
89-90	0.169808	16,094	2,733	14,728	64,950	4.0
90-91	0.185819	13,361	2,483	12,120	50,223	3.8
91-92	0.202723	10,878	2,205	9,776	38,103	3.5
92-93	0.220460	8,673	1,912	7,717	28,327	3.3
93-94	0.238949	6,761	1,616	5,953	20,610	3.0
94-95	0.258093	5,146	1,328	4,482	14,657	2.8
95-96	0.277773	3,817	1,060	3,287	10,175	2.7
96-97	0.297861	2,757	821	2,346	6,888	2.5
97-98	0.318212	1,936	616	1,628	4,541	2.3
98-99	0.338677	1,320	447	1,096	2,914	2.2
99-100	0.359102	873	313	716	1,817	2.1
<u>100 and over</u>	1.000000	559	559	1,101	1,101	2.0

Table 3. Life table for females: United States, 2003

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				dying	
	between	surviving to	between	between	person-years	of life
ages x to x+1	age x	ages x to x+1	ages x to x+1	aged above	at age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.006083	100,000	608	99,460	7,973,042	79.7
1-2	0.000417	99,392	41	99,371	7,873,581	79.2
2-3	0.000304	99,350	30	99,335	7,774,210	78.3
3-4	0.000221	99,320	22	99,309	7,674,875	77.3
4-5	0.000174	99,298	17	99,290	7,575,566	76.3
5-6	0.000160	99,281	16	99,273	7,476,276	75.3
6-7	0.000142	99,265	14	99,258	7,377,003	74.3
7-8	0.000129	99,251	13	99,245	7,277,745	73.3
8-9	0.000118	99,238	12	99,232	7,178,501	72.3
9-10	0.000109	99,226	11	99,221	7,079,269	71.3
10-11	0.000104	99,216	10	99,210	6,980,048	70.4
11-12	0.000110	99,205	11	99,200	6,880,837	69.4
12-13	0.000130	99,194	13	99,188	6,781,637	68.4
13-14	0.000170	99,182	17	99,173	6,682,449	67.4
14-15	0.000225	99,165	22	99,153	6,583,276	66.4
15-16	0.000289	99,142	29	99,128	6,484,123	65.4
16-17	0.000351	99,114	35	99,096	6,384,995	64.4
17-18	0.000403	99,079	40	99,059	6,285,899	63.4
18-19	0.000435	99,039	43	99,017	6,186,840	62.5
19-20	0.000452	98,996	45	98,974	6,087,822	61.5
20-21	0.000468	98,951	46	98,928	5,988,849	60.5
21-22	0.000487	98,905	48	98,881	5,889,921	59.6
22-23	0.000500	98,857	49	98,832	5,791,040	58.6
23-24	0.000510	98,807	50	98,782	5,692,208	57.6
24-25	0.000517	98,757	51	98,731	5,593,426	56.6
25-26	0.000525	98,706	52	98,680	5,494,694	55.7
26-27	0.000538	98,654	53	98,627	5,396,014	54.7
27-28	0.000554	98,601	55	98,574	5,297,387	53.7
28-29	0.000576	98,546	57	98,518	5,198,813	52.8
29-30	0.000603	98,490	59	98,460	5,100,296	51.8
30-31	0.000634	98,430	62	98,399	5,001,836	50.8
31-32	0.000672	98,368	66	98,335	4,903,437	49.8
32-33	0.000728	98,302	72	98,266	4,805,102	48.9
33-34	0.000782	98,230	77	98,192	4,706,836	47.9
34-35	0.000858	98,153	84	98,111	4,608,645	47.0
35-36	0.000942	98,069	92	98,023	4,510,533	46.0
36-37	0.001033	97,977	101	97,926	4,412,510	45.0

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

Table 3. Life table for females: United States, 2003

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				dying	
	between	surviving to	between	between	person-years	of life
ages x to x+1	age x	ages x to x+1	ages x to x+1	aged above	at age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
37-38	0.001139	97,876	111	97,820	4,314,584	44.1
38-39	0.001258	97,764	123	97,703	4,216,764	43.1
39-40	0.001385	97,641	135	97,574	4,119,062	42.2
40-41	0.001514	97,506	148	97,432	4,021,488	41.2
41-42	0.001645	97,358	160	97,278	3,924,056	40.3
42-43	0.001782	97,198	173	97,112	3,826,778	39.4
43-44	0.001928	97,025	187	96,931	3,729,666	38.4
44-45	0.002087	96,838	202	96,737	3,632,735	37.5
45-46	0.002260	96,636	218	96,527	3,535,998	36.6
46-47	0.002444	96,418	236	96,300	3,439,471	35.7
47-48	0.002634	96,182	253	96,055	3,343,171	34.8
48-49	0.002827	95,929	271	95,793	3,247,116	33.8
49-50	0.003029	95,657	290	95,512	3,151,323	32.9
50-51	0.003248	95,368	310	95,213	3,055,811	32.0
51-52	0.003494	95,058	332	94,892	2,960,598	31.1
52-53	0.003771	94,726	357	94,547	2,865,706	30.3
53-54	0.004087	94,368	386	94,176	2,771,159	29.4
54-55	0.004444	93,983	418	93,774	2,676,984	28.5
55-56	0.004839	93,565	453	93,339	2,583,210	27.6
56-57	0.005274	93,112	491	92,867	2,489,871	26.7
57-58	0.005760	92,621	534	92,354	2,397,004	25.9
58-59	0.006306	92,088	581	91,797	2,304,650	25.0
59-60	0.006921	91,507	633	91,190	2,212,853	24.2
60-61	0.007642	90,874	694	90,526	2,121,662	23.3
61-62	0.008449	90,179	762	89,798	2,031,136	22.5
62-63	0.009280	89,417	830	89,002	1,941,338	21.7
63-64	0.010089	88,587	894	88,141	1,852,335	20.9
64-65	0.010899	87,694	956	87,216	1,764,195	20.1
65-66	0.011785	86,738	1,022	86,227	1,676,979	19.3
66-67	0.012829	85,716	1,100	85,166	1,590,752	18.6
67-68	0.014025	84,616	1,187	84,023	1,505,586	17.8
68-69	0.015385	83,429	1,284	82,788	1,421,564	17.0
69-70	0.016898	82,146	1,388	81,452	1,338,776	16.3
70-71	0.018492	80,758	1,493	80,011	1,257,324	15.6
71-72	0.020181	79,264	1,600	78,464	1,177,313	14.9
72-73	0.022158	77,665	1,721	76,804	1,098,849	14.1
73-74	0.024406	75,944	1,854	75,017	1,022,045	13.5

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

Table 3. Life table for females: United States, 2003

Age	Probability	Number surviving to age x	Number	Person-years	Total	Expectation of life at age x
	of dying		dying	lived	number of	
	between ages x to x+1		between ages x to x+1	between ages x to x+1	person-years lived above age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
74-75	0.026935	74,090	1,996	73,092	947,028	12.8
75-76	0.029625	72,095	2,136	71,027	873,935	12.1
76-77	0.032482	69,959	2,272	68,823	802,909	11.5
77-78	0.035830	67,686	2,425	66,474	734,086	10.8
78-79	0.039680	65,261	2,590	63,966	667,612	10.2
79-80	0.043946	62,672	2,754	61,295	603,646	9.6
80-81	0.048712	59,917	2,919	58,458	542,351	9.1
81-82	0.054174	56,999	3,088	55,455	483,893	8.5
82-83	0.060354	53,911	3,254	52,284	428,438	7.9
83-84	0.067276	50,657	3,408	48,953	376,154	7.4
84-85	0.075416	47,249	3,563	45,468	327,201	6.9
85-86	0.085300	43,686	3,726	41,823	281,733	6.4
86-87	0.095401	39,959	3,812	38,053	239,910	6.0
87-88	0.106479	36,147	3,849	34,223	201,857	5.6
88-89	0.118577	32,298	3,830	30,383	167,634	5.2
89-90	0.131725	28,469	3,750	26,594	137,251	4.8
90-91	0.145944	24,718	3,608	22,915	110,657	4.5
91-92	0.161234	21,111	3,404	19,409	87,743	4.2
92-93	0.177580	17,707	3,144	16,135	68,333	3.9
93-94	0.194945	14,563	2,839	13,143	52,199	3.6
94-95	0.213266	11,724	2,500	10,474	39,055	3.3
95-96	0.232462	9,224	2,144	8,151	28,582	3.1
96-97	0.252423	7,079	1,787	6,186	20,430	2.9
97-98	0.273020	5,292	1,445	4,570	14,244	2.7
98-99	0.294104	3,847	1,132	3,282	9,674	2.5
99-100	0.315512	2,716	857	2,287	6,393	2.4
<u>100 and over</u>	1.000000	1,859	1,859	4,105	4,105	2.2

Table 4. Life table for the white population: United States, 2003

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				dying	
	between	surviving to	between	between	person-years	of life
ages x to x+1	age x	ages x to x+1	ages x to x+1	aged above	at age x	
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.005725	100,000.0	572.5	99,494.5	7,768,535.0	77.7
1-2	0.000423	99,427.5	42.0	99,406.5	7,669,040.0	77.1
2-3	0.000306	99,385.5	30.4	99,370.3	7,569,634.0	76.2
3-4	0.000236	99,355.1	23.4	99,343.4	7,470,264.0	75.2
4-5	0.000190	99,331.7	18.9	99,322.3	7,370,920.0	74.2
5-6	0.000167	99,312.9	16.6	99,304.5	7,271,598.0	73.2
6-7	0.000153	99,296.2	15.2	99,288.6	7,172,293.0	72.2
7-8	0.000142	99,281.0	14.1	99,274.0	7,073,005.0	71.2
8-9	0.000126	99,266.9	12.5	99,260.7	6,973,731.0	70.3
9-10	0.000109	99,254.4	10.8	99,249.0	6,874,470.0	69.3
10-11	0.000097	99,243.6	9.6	99,238.8	6,775,221.0	68.3
11-12	0.000103	99,234.0	10.2	99,228.9	6,675,982.0	67.3
12-13	0.000140	99,223.9	13.9	99,216.9	6,576,753.0	66.3
13-14	0.000217	99,210.0	21.5	99,199.2	6,477,536.0	65.3
14-15	0.000324	99,188.5	32.2	99,172.4	6,378,337.0	64.3
15-16	0.000446	99,156.3	44.2	99,134.2	6,279,165.0	63.3
16-17	0.000561	99,112.1	55.6	99,084.3	6,180,031.0	62.4
17-18	0.000663	99,056.5	65.7	99,023.7	6,080,946.0	61.4
18-19	0.000739	98,990.9	73.2	98,954.3	5,981,923.0	60.4
19-20	0.000793	98,917.7	78.5	98,878.4	5,882,968.0	59.5
20-21	0.000847	98,839.2	83.7	98,797.3	5,784,090.0	58.5
21-22	0.000899	98,755.5	88.8	98,711.1	5,685,293.0	57.6
22-23	0.000930	98,666.7	91.7	98,620.9	5,586,582.0	56.6
23-24	0.000934	98,575.0	92.0	98,529.0	5,487,961.0	55.7
24-25	0.000918	98,483.0	90.4	98,437.8	5,389,432.0	54.7
25-26	0.000895	98,392.5	88.0	98,348.5	5,290,994.0	53.8
26-27	0.000876	98,304.5	86.1	98,261.4	5,192,645.0	52.8
27-28	0.000868	98,218.4	85.2	98,175.8	5,094,384.0	51.9
28-29	0.000877	98,133.2	86.1	98,090.1	4,996,208.0	50.9
29-30	0.000902	98,047.1	88.5	98,002.8	4,898,118.0	50.0
30-31	0.000934	97,958.6	91.5	97,912.8	4,800,115.0	49.0
31-32	0.000971	97,867.1	95.0	97,819.6	4,702,203.0	48.0
32-33	0.001030	97,772.0	100.7	97,721.7	4,604,383.0	47.1
33-34	0.001076	97,671.3	105.1	97,618.8	4,506,661.0	46.1
34-35	0.001149	97,566.2	112.1	97,510.2	4,409,043.0	45.2
35-36	0.001230	97,454.1	119.9	97,394.2	4,311,532.0	44.2
36-37	0.001325	97,334.2	129.0	97,269.8	4,214,138.0	43.3

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

Table 4. Life table for the white population: United States, 2003

Age	Probability	Number	Number	Person-years	Total	Expectation
	of dying				surviving to	
	between	age x	between	between	person-years	of life
ages x to x+1	ages x to x+1	ages x to x+1	ages x to x+1	ages x to x+1	lived above	at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
37-38	0.001442	97,205.3	140.2	97,135.2	4,116,868.0	42.4
38-39	0.001581	97,065.1	153.4	96,988.4	4,019,733.0	41.4
39-40	0.001733	96,911.7	168.0	96,827.7	3,922,745.0	40.5
40-41	0.001890	96,743.7	182.8	96,652.3	3,825,917.0	39.5
41-42	0.002049	96,560.9	197.8	96,462.0	3,729,265.0	38.6
42-43	0.002218	96,363.1	213.7	96,256.2	3,632,803.0	37.7
43-44	0.002403	96,149.3	231.1	96,033.8	3,536,546.0	36.8
44-45	0.002607	95,918.3	250.0	95,793.3	3,440,513.0	35.9
45-46	0.002830	95,668.2	270.7	95,532.9	3,344,719.0	35.0
46-47	0.003065	95,397.5	292.4	95,251.3	3,249,187.0	34.1
47-48	0.003306	95,105.1	314.4	94,947.8	3,153,935.0	33.2
48-49	0.003548	94,790.6	336.3	94,622.4	3,058,987.0	32.3
49-50	0.003798	94,454.3	358.7	94,274.9	2,964,365.0	31.4
50-51	0.004068	94,095.5	382.7	93,904.2	2,870,090.0	30.5
51-52	0.004370	93,712.8	409.5	93,508.0	2,776,186.0	29.6
52-53	0.004710	93,303.3	439.4	93,083.6	2,682,678.0	28.8
53-54	0.005093	92,863.8	473.0	92,627.3	2,589,594.0	27.9
54-55	0.005520	92,390.8	510.0	92,135.8	2,496,967.0	27.0
55-56	0.005988	91,880.8	550.2	91,605.7	2,404,831.0	26.2
56-57	0.006499	91,330.6	593.5	91,033.9	2,313,225.0	25.3
57-58	0.007066	90,737.1	641.2	90,416.5	2,222,192.0	24.5
58-59	0.007707	90,095.9	694.3	89,748.8	2,131,775.0	23.7
59-60	0.008434	89,401.6	754.0	89,024.6	2,042,026.0	22.8
60-61	0.009288	88,647.6	823.4	88,235.9	1,953,002.0	22.0
61-62	0.010248	87,824.2	900.0	87,374.1	1,864,766.0	21.2
62-63	0.011248	86,924.1	977.7	86,435.3	1,777,392.0	20.4
63-64	0.012237	85,946.4	1,051.7	85,420.5	1,690,956.0	19.7
64-65	0.013237	84,894.7	1,123.8	84,332.8	1,605,536.0	18.9
65-66	0.014329	83,770.9	1,200.3	83,170.7	1,521,203.0	18.2
66-67	0.015608	82,570.6	1,288.7	81,926.2	1,438,032.0	17.4
67-68	0.017066	81,281.8	1,387.2	80,588.2	1,356,106.0	16.7
68-69	0.018699	79,894.7	1,494.0	79,147.7	1,275,518.0	16.0
69-70	0.020510	78,400.7	1,608.0	77,596.7	1,196,370.0	15.3
70-71	0.022366	76,792.7	1,717.6	75,933.9	1,118,774.0	14.6
71-72	0.024312	75,075.1	1,825.2	74,162.5	1,042,840.0	13.9
72-73	0.026641	73,249.9	1,951.4	72,274.2	968,677.3	13.2
73-74	0.029294	71,298.4	2,088.6	70,254.1	896,403.2	12.6

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

Table 4. Life table for the white population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
74-75	0.032284	69,209.8	2,234.4	68,092.6	826,149.0	11.9
75-76	0.035531	66,975.5	2,379.7	65,785.6	758,056.4	11.3
76-77	0.038820	64,595.7	2,507.6	63,341.9	692,270.8	10.7
77-78	0.042517	62,088.1	2,639.8	60,768.2	628,928.9	10.1
78-79	0.046809	59,448.3	2,782.7	58,057.0	568,160.7	9.6
79-80	0.051600	56,665.6	2,923.9	55,203.6	510,103.7	9.0
80-81	0.056944	53,741.6	3,060.3	52,211.5	454,900.1	8.5
81-82	0.062903	50,681.4	3,188.0	49,087.3	402,688.6	7.9
82-83	0.069461	47,493.3	3,298.9	45,843.9	353,601.3	7.4
83-84	0.076860	44,194.4	3,396.8	42,496.0	307,757.4	7.0
84-85	0.085636	40,797.6	3,493.7	39,050.7	265,261.4	6.5
85-86	0.094776	37,303.9	3,535.5	35,536.1	226,210.7	6.1
86-87	0.105572	33,768.4	3,565.0	31,985.9	190,674.6	5.6
87-88	0.117344	30,203.4	3,544.2	28,431.3	158,688.7	5.3
88-89	0.130126	26,659.2	3,469.0	24,924.7	130,257.4	4.9
89-90	0.143934	23,190.2	3,337.9	21,521.2	105,332.7	4.5
90-91	0.158774	19,852.3	3,152.0	18,276.3	83,811.5	4.2
91-92	0.174634	16,700.3	2,916.4	15,242.1	65,535.2	3.9
92-93	0.191480	13,783.8	2,639.3	12,464.2	50,293.2	3.6
93-94	0.209260	11,144.5	2,332.1	9,978.5	37,829.0	3.4
94-95	0.227899	8,812.4	2,008.3	7,808.2	27,850.6	3.2
95-96	0.247301	6,804.1	1,682.7	5,962.8	20,042.3	2.9
96-97	0.267348	5,121.4	1,369.2	4,436.8	14,079.6	2.7
97-98	0.287904	3,752.2	1,080.3	3,212.1	9,642.7	2.6
98-99	0.308819	2,671.9	825.1	2,259.4	6,430.7	2.4
99-100	0.329930	1,846.8	609.3	1,542.1	4,171.3	2.3
<u>100 and over</u>	1.000000	1,237.5	1,237.5	2,629.1	2,629.1	2.1

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

Table 5. Life table for white male population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.006366	100,000	637	99,440	7,511,568	75.1
1-2	0.000465	99,363	46	99,340	7,412,127	74.6
2-3	0.000336	99,317	33	99,301	7,312,787	73.6
3-4	0.000268	99,284	27	99,271	7,213,487	72.7
4-5	0.000205	99,257	20	99,247	7,114,216	71.7
5-6	0.000185	99,237	18	99,228	7,014,969	70.7
6-7	0.000172	99,219	17	99,210	6,915,741	69.7
7-8	0.000160	99,202	16	99,194	6,816,531	68.7
8-9	0.000141	99,186	14	99,179	6,717,337	67.7
9-10	0.000118	99,172	12	99,166	6,618,158	66.7
10-11	0.000101	99,160	10	99,155	6,518,992	65.7
11-12	0.000108	99,150	11	99,145	6,419,837	64.7
12-13	0.000161	99,139	16	99,131	6,320,693	63.8
13-14	0.000269	99,123	27	99,110	6,221,561	62.8
14-15	0.000420	99,097	42	99,076	6,122,451	61.8
15-16	0.000587	99,055	58	99,026	6,023,375	60.8
16-17	0.000746	98,997	74	98,960	5,924,349	59.8
17-18	0.000894	98,923	88	98,879	5,825,389	58.9
18-19	0.001017	98,835	100	98,785	5,726,510	57.9
19-20	0.001115	98,734	110	98,679	5,627,725	57.0
20-21	0.001215	98,624	120	98,564	5,529,046	56.1
21-22	0.001310	98,504	129	98,440	5,430,482	55.1
22-23	0.001365	98,375	134	98,308	5,332,042	54.2
23-24	0.001370	98,241	135	98,174	5,233,734	53.3
24-25	0.001337	98,107	131	98,041	5,135,560	52.3
25-26	0.001287	97,975	126	97,912	5,037,519	51.4
26-27	0.001244	97,849	122	97,789	4,939,607	50.5
27-28	0.001216	97,728	119	97,668	4,841,818	49.5
28-29	0.001219	97,609	119	97,549	4,744,150	48.6
29-30	0.001248	97,490	122	97,429	4,646,601	47.7
30-31	0.001285	97,368	125	97,306	4,549,172	46.7
31-32	0.001326	97,243	129	97,179	4,451,866	45.8
32-33	0.001396	97,114	136	97,046	4,354,687	44.8
33-34	0.001442	96,979	140	96,909	4,257,641	43.9
34-35	0.001523	96,839	147	96,765	4,160,732	43.0
35-36	0.001616	96,691	156	96,613	4,063,967	42.0
36-37	0.001726	96,535	167	96,452	3,967,354	41.1

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

Table 5. Life table for white male population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
37-38	0.001866	96,368	180	96,278	3,870,903	40.2
38-39	0.002035	96,188	196	96,091	3,774,624	39.2
39-40	0.002224	95,993	213	95,886	3,678,534	38.3
40-41	0.002418	95,779	232	95,663	3,582,648	37.4
41-42	0.002616	95,548	250	95,423	3,486,985	36.5
42-43	0.002832	95,298	270	95,163	3,391,562	35.6
43-44	0.003073	95,028	292	94,882	3,296,399	34.7
44-45	0.003341	94,736	317	94,577	3,201,517	33.8
45-46	0.003635	94,419	343	94,248	3,106,940	32.9
46-47	0.003942	94,076	371	93,891	3,012,692	32.0
47-48	0.004255	93,705	399	93,506	2,918,802	31.1
48-49	0.004569	93,306	426	93,093	2,825,296	30.3
49-50	0.004891	92,880	454	92,653	2,732,203	29.4
50-51	0.005239	92,426	484	92,184	2,639,550	28.6
51-52	0.005624	91,942	517	91,683	2,547,366	27.7
52-53	0.006043	91,424	552	91,148	2,455,683	26.9
53-54	0.006498	90,872	591	90,577	2,364,535	26.0
54-55	0.006993	90,281	631	89,966	2,273,958	25.2
55-56	0.007529	89,650	675	89,313	2,183,993	24.4
56-57	0.008118	88,975	722	88,614	2,094,680	23.5
57-58	0.008780	88,253	775	87,865	2,006,066	22.7
58-59	0.009542	87,478	835	87,061	1,918,200	21.9
59-60	0.010421	86,643	903	86,192	1,831,140	21.1
60-61	0.011451	85,740	982	85,249	1,744,948	20.4
61-62	0.012608	84,759	1,069	84,224	1,659,699	19.6
62-63	0.013828	83,690	1,157	83,111	1,575,474	18.8
63-64	0.015050	82,533	1,242	81,912	1,492,363	18.1
64-65	0.016295	81,291	1,325	80,628	1,410,451	17.4
65-66	0.017644	79,966	1,411	79,261	1,329,823	16.6
66-67	0.019212	78,555	1,509	77,800	1,250,563	15.9
67-68	0.020995	77,046	1,618	76,237	1,172,762	15.2
68-69	0.022987	75,428	1,734	74,561	1,096,525	14.5
69-70	0.025196	73,694	1,857	72,766	1,021,964	13.9
70-71	0.027440	71,838	1,971	70,852	949,198	13.2
71-72	0.029761	69,866	2,079	68,827	878,346	12.6
72-73	0.032593	67,787	2,209	66,682	809,519	11.9
73-74	0.035861	65,578	2,352	64,402	742,836	11.3

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

Table 5. Life table for white male population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
74-75	0.039590	63,226	2,503	61,975	678,434	10.7
75-76	0.043745	60,723	2,656	59,395	616,460	10.2
76-77	0.047838	58,067	2,778	56,678	557,065	9.6
77-78	0.052329	55,289	2,893	53,842	500,387	9.1
78-79	0.057519	52,396	3,014	50,889	446,545	8.5
70-80	0.063237	49,382	3,123	47,820	395,656	8.0
80-81	0.069685	46,259	3,224	44,647	347,836	7.5
81-82	0.076804	43,036	3,305	41,383	303,189	7.0
82-83	0.084434	39,730	3,355	38,053	261,806	6.6
83-84	0.093014	36,376	3,383	34,684	223,753	6.2
84-85	0.103566	32,992	3,417	31,284	189,069	5.7
85-86	0.115076	29,575	3,403	27,874	157,785	5.3
86-87	0.127575	26,172	3,339	24,503	129,911	5.0
87-88	0.141084	22,833	3,221	21,222	105,409	4.6
88-89	0.155611	19,612	3,052	18,086	84,186	4.3
89-90	0.171146	16,560	2,834	15,143	66,100	4.0
90-91	0.187663	13,726	2,576	12,438	50,958	3.7
91-92	0.205114	11,150	2,287	10,006	38,520	3.5
92-93	0.223431	8,863	1,980	7,873	28,513	3.2
93-94	0.242524	6,883	1,669	6,048	20,641	3.0
94-95	0.262284	5,213	1,367	4,530	14,593	2.8
95-96	0.282580	3,846	1,087	3,303	10,063	2.6
96-97	0.303270	2,759	837	2,341	6,760	2.5
97-98	0.324195	1,922	623	1,611	4,419	2.3
98-99	0.345193	1,299	448	1,075	2,809	2.2
99-100	0.366097	851	311	695	1,734	2.0
100 and over	1.000000	539	539	1,039	1,039	1.9

Table 6. Life table for white females: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.005052	100,000	505	99,551	8,017,228	80.2
1-2	0.000379	99,495	38	99,476	7,917,677	79.6
2-3	0.000274	99,457	27	99,443	7,818,201	78.6
3-4	0.000202	99,430	20	99,420	7,718,757	77.6
4-5	0.000174	99,410	17	99,401	7,619,338	76.6
5-6	0.000149	99,392	15	99,385	7,519,937	75.7
6-7	0.000134	99,378	13	99,371	7,420,552	74.7
7-8	0.000122	99,364	12	99,358	7,321,181	73.7
8-9	0.000111	99,352	11	99,347	7,221,822	72.7
9-10	0.000099	99,341	10	99,336	7,122,475	71.7
10-11	0.000092	99,331	9	99,327	7,023,139	70.7
11-12	0.000096	99,322	10	99,317	6,923,812	69.7
12-13	0.000118	99,313	12	99,307	6,824,495	68.7
13-14	0.000163	99,301	16	99,293	6,725,188	67.7
14-15	0.000224	99,285	22	99,274	6,625,895	66.7
15-16	0.000295	99,263	29	99,248	6,526,622	65.8
16-17	0.000363	99,233	36	99,215	6,427,374	64.8
17-18	0.000415	99,197	41	99,177	6,328,158	63.8
18-19	0.000442	99,156	44	99,134	6,228,982	62.8
19-20	0.000451	99,112	45	99,090	6,129,847	61.8
20-21	0.000456	99,068	45	99,045	6,030,757	60.9
21-22	0.000465	99,023	46	99,000	5,931,712	59.9
22-23	0.000471	98,977	47	98,953	5,832,713	58.9
23-24	0.000475	98,930	47	98,906	5,733,759	58.0
24-25	0.000479	98,883	47	98,859	5,634,853	57.0
25-26	0.000483	98,836	48	98,812	5,535,994	56.0
26-27	0.000491	98,788	48	98,764	5,437,182	55.0
27-28	0.000503	98,739	50	98,715	5,338,418	54.1
28-29	0.000520	98,690	51	98,664	5,239,704	53.1
29-30	0.000542	98,638	53	98,612	5,141,040	52.1
30-31	0.000569	98,585	56	98,557	5,042,428	51.1
31-32	0.000602	98,529	59	98,499	4,943,871	50.2
32-33	0.000652	98,469	64	98,437	4,845,372	49.2
33-34	0.000698	98,405	69	98,371	4,746,935	48.2
34-35	0.000763	98,337	75	98,299	4,648,564	47.3
35-36	0.000835	98,262	82	98,221	4,550,265	46.3
36-37	0.000914	98,180	90	98,135	4,452,044	45.3
37-38	0.001009	98,090	99	98,040	4,353,910	44.4

Table 6. Life table for white females: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
38-39	0.001119	97,991	110	97,936	4,255,870	43.4
39-40	0.001236	97,881	121	97,821	4,157,933	42.5
40-41	0.001357	97,760	133	97,694	4,060,113	41.5
41-42	0.001478	97,628	144	97,555	3,962,419	40.6
42-43	0.001602	97,483	156	97,405	3,864,864	39.6
43-44	0.001732	97,327	169	97,243	3,767,458	38.7
44-45	0.001872	97,159	182	97,068	3,670,216	37.8
45-46	0.002027	96,977	197	96,878	3,573,148	36.8
46-47	0.002193	96,780	212	96,674	3,476,270	35.9
47-48	0.002364	96,568	228	96,454	3,379,596	35.0
48-49	0.002537	96,340	244	96,217	3,283,142	34.1
49-50	0.002719	96,095	261	95,964	3,186,925	33.2
50-51	0.002915	95,834	279	95,694	3,090,960	32.3
51-52	0.003140	95,555	300	95,405	2,995,266	31.3
52-53	0.003406	95,255	324	95,092	2,899,862	30.4
53-54	0.003723	94,930	353	94,753	2,804,769	29.5
54-55	0.004089	94,577	387	94,383	2,710,016	28.7
55-56	0.004494	94,190	423	93,978	2,615,633	27.8
56-57	0.004935	93,767	463	93,535	2,521,654	26.9
57-58	0.005417	93,304	505	93,051	2,428,119	26.0
58-59	0.005950	92,798	552	92,522	2,335,068	25.2
59-60	0.006545	92,246	604	91,944	2,242,545	24.3
60-61	0.007247	91,643	664	91,311	2,150,601	23.5
61-62	0.008038	90,978	731	90,613	2,059,290	22.6
62-63	0.008852	90,247	799	89,848	1,968,678	21.8
63-64	0.009642	89,448	863	89,017	1,878,830	21.0
64-65	0.010437	88,586	925	88,124	1,789,813	20.2
65-66	0.011316	87,661	992	87,165	1,701,689	19.4
66-67	0.012361	86,669	1,071	86,134	1,614,524	18.6
67-68	0.013562	85,598	1,161	85,018	1,528,390	17.9
68-69	0.014920	84,437	1,260	83,807	1,443,372	17.1
69-70	0.016432	83,177	1,367	82,494	1,359,565	16.3
70-71	0.018010	81,811	1,473	81,074	1,277,071	15.6
71-72	0.019701	80,337	1,583	79,546	1,195,997	14.9
72-73	0.021684	78,755	1,708	77,901	1,116,451	14.2
73-74	0.023938	77,047	1,844	76,125	1,038,551	13.5
74-75	0.026472	75,202	1,991	74,207	962,426	12.8
75-76	0.029162	73,212	2,135	72,144	888,219	12.1

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

Table 6. Life table for white females: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
76-77	0.032009	71,077	2,275	69,939	816,075	11.5
77-78	0.035327	68,802	2,431	67,586	746,136	10.8
78-79	0.039215	66,371	2,603	65,070	678,549	10.2
79-80	0.043591	63,768	2,780	62,378	613,480	9.6
80-81	0.048452	60,988	2,955	59,511	551,101	9.0
81-82	0.053961	58,034	3,132	56,468	491,590	8.5
82-83	0.060169	54,902	3,303	53,250	435,123	7.9
83-84	0.067141	51,599	3,464	49,866	381,873	7.4
84-85	0.075416	48,134	3,630	46,319	332,006	6.9
85-86	0.084927	44,504	3,780	42,614	285,687	6.4
86-87	0.095244	40,724	3,879	38,785	243,073	6.0
87-88	0.106586	36,846	3,927	34,882	204,288	5.5
88-89	0.118996	32,919	3,917	30,960	169,406	5.1
89-90	0.132510	29,001	3,843	27,080	138,446	4.8
90-91	0.147146	25,158	3,702	23,307	111,366	4.4
91-92	0.162905	21,456	3,495	19,709	88,058	4.1
92-93	0.179769	17,961	3,229	16,347	68,350	3.8
93-94	0.197693	14,732	2,912	13,276	52,003	3.5
94-95	0.216609	11,820	2,560	10,540	38,727	3.3
95-96	0.236423	9,259	2,189	8,165	28,187	3.0
96-97	0.257014	7,070	1,817	6,162	20,022	2.8
97-98	0.278238	5,253	1,462	4,522	13,861	2.6
98-99	0.299932	3,792	1,137	3,223	9,338	2.5
99-100	0.321916	2,654	854	2,227	6,115	2.3
100 and over	1.000000	1,800	1,800	3,888	3,888	2.2

Table 7. Life table for Black population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.014035	100,000	1,403	98,754	7,241,408	72.4
1-2	0.000765	98,597	75	98,559	7,142,655	72.4
2-3	0.000516	98,521	51	98,496	7,044,096	71.5
3-4	0.000388	98,470	38	98,451	6,945,600	70.5
4-5	0.000241	98,432	24	98,420	6,847,149	69.6
5-6	0.000251	98,408	25	98,396	6,748,729	68.6
6-7	0.000214	98,384	21	98,373	6,650,333	67.6
7-8	0.000189	98,363	19	98,353	6,551,959	66.6
8-9	0.000171	98,344	17	98,336	6,453,606	65.6
9-10	0.000161	98,327	16	98,319	6,355,270	64.6
10-11	0.000163	98,311	16	98,303	6,256,951	63.6
11-12	0.000181	98,295	18	98,286	6,158,648	62.7
12-13	0.000224	98,278	22	98,267	6,060,361	61.7
13-14	0.000296	98,256	29	98,241	5,962,095	60.7
14-15	0.000396	98,227	39	98,207	5,863,853	59.7
15-16	0.000511	98,188	50	98,163	5,765,646	58.7
16-17	0.000635	98,137	62	98,106	5,667,484	57.8
17-18	0.000778	98,075	76	98,037	5,569,378	56.8
18-19	0.000932	97,999	91	97,953	5,471,341	55.8
19-20	0.001089	97,907	107	97,854	5,373,387	54.9
20-21	0.001255	97,801	123	97,740	5,275,533	53.9
21-22	0.001415	97,678	138	97,609	5,177,794	53.0
22-23	0.001537	97,540	150	97,465	5,080,185	52.1
23-24	0.001608	97,390	157	97,312	4,982,720	51.2
24-25	0.001641	97,233	160	97,154	4,885,408	50.2
25-26	0.001668	97,074	162	96,993	4,788,254	49.3
26-27	0.001703	96,912	165	96,829	4,691,261	48.4
27-28	0.001733	96,747	168	96,663	4,594,432	47.5
28-29	0.001758	96,579	170	96,494	4,497,769	46.6
29-30	0.001783	96,410	172	96,324	4,401,274	45.7
30-31	0.001807	96,238	174	96,151	4,304,951	44.7
31-32	0.001844	96,064	177	95,975	4,208,800	43.8
32-33	0.001956	95,887	188	95,793	4,112,825	42.9
33-34	0.002020	95,699	193	95,602	4,017,032	42.0
34-35	0.002168	95,506	207	95,402	3,921,429	41.1
35-36	0.002335	95,299	223	95,188	3,826,027	40.1
36-37	0.002516	95,076	239	94,957	3,730,839	39.2
37-38	0.002721	94,837	258	94,708	3,635,883	38.3

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

Table 7. Life table for Black population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
38-39	0.002947	94,579	279	94,440	3,541,175	37.4
39-40	0.003191	94,300	301	94,150	3,446,735	36.6
40-41	0.003441	93,999	323	93,838	3,352,585	35.7
41-42	0.003709	93,676	347	93,502	3,258,747	34.8
42-43	0.004019	93,329	375	93,141	3,165,245	33.9
43-44	0.004388	92,954	408	92,750	3,072,104	33.0
44-45	0.004815	92,546	446	92,323	2,979,355	32.2
45-46	0.005276	92,100	486	91,857	2,887,032	31.3
46-47	0.005756	91,614	527	91,350	2,795,175	30.5
47-48	0.006270	91,087	571	90,801	2,703,824	29.7
48-49	0.006814	90,516	617	90,207	2,613,023	28.9
49-50	0.007385	89,899	664	89,567	2,522,816	28.1
50-51	0.008013	89,235	715	88,878	2,433,249	27.3
51-52	0.008676	88,520	768	88,136	2,344,371	26.5
52-53	0.009316	87,752	817	87,343	2,256,235	25.7
53-54	0.009911	86,935	862	86,504	2,168,892	24.9
54-55	0.010493	86,073	903	85,621	2,082,388	24.2
55-56	0.011116	85,170	947	84,696	1,996,767	23.4
56-57	0.011840	84,223	997	83,724	1,912,070	22.7
57-58	0.012683	83,226	1,056	82,698	1,828,346	22.0
58-59	0.013660	82,170	1,122	81,609	1,745,648	21.2
59-60	0.014750	81,048	1,195	80,450	1,664,039	20.5
60-61	0.015953	79,852	1,274	79,215	1,583,588	19.8
61-62	0.017240	78,578	1,355	77,901	1,504,373	19.1
62-63	0.018536	77,224	1,431	76,508	1,426,472	18.5
63-64	0.019779	75,792	1,499	75,043	1,349,964	17.8
64-65	0.020987	74,293	1,559	73,514	1,274,921	17.2
65-66	0.022190	72,734	1,614	71,927	1,201,407	16.5
66-67	0.023519	71,120	1,673	70,284	1,129,480	15.9
67-68	0.025077	69,447	1,742	68,577	1,059,196	15.3
68-69	0.026981	67,706	1,827	66,793	990,620	14.6
69-70	0.029130	65,879	1,919	64,920	923,827	14.0
70-71	0.031501	63,960	2,015	62,953	858,907	13.4
71-72	0.034003	61,945	2,106	60,892	795,955	12.8
72-73	0.036821	59,839	2,203	58,737	735,063	12.3
73-74	0.039766	57,636	2,292	56,490	676,325	11.7
74-75	0.042973	55,344	2,378	54,155	619,836	11.2
75-76	0.046306	52,965	2,453	51,739	565,681	10.7

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

Table 7. Life table for Black population: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
76-77	0.049950	50,513	2,523	49,251	513,942	10.2
77-78	0.054225	47,990	2,602	46,689	464,691	9.7
78-79	0.058457	45,387	2,653	44,061	418,002	9.2
79-80	0.062579	42,734	2,674	41,397	373,941	8.8
80-81	0.067471	40,060	2,703	38,709	332,544	8.3
81-82	0.073452	37,357	2,744	35,985	293,836	7.9
82-83	0.079381	34,613	2,748	33,239	257,851	7.4
83-84	0.085582	31,866	2,727	30,502	224,611	7.0
84-85	0.092917	29,138	2,707	27,785	194,109	6.7
85-86	0.100772	26,431	2,663	25,099	166,325	6.3
86-87	0.109165	23,767	2,595	22,470	141,226	5.9
87-88	0.118110	21,173	2,501	19,923	118,755	5.6
88-89	0.127621	18,672	2,383	17,481	98,833	5.3
89-90	0.137706	16,289	2,243	15,168	81,352	5.0
90-91	0.148368	14,046	2,084	13,004	66,185	4.7
91-92	0.159606	11,962	1,909	11,007	53,180	4.4
92-93	0.171414	10,053	1,723	9,191	42,173	4.2
93-94	0.183780	8,330	1,531	7,564	32,982	4.0
94-95	0.196683	6,799	1,337	6,130	25,417	3.7
95-96	0.210097	5,462	1,147	4,888	19,287	3.5
96-97	0.223991	4,314	966	3,831	14,399	3.3
97-98	0.238324	3,348	798	2,949	10,568	3.2
98-99	0.253049	2,550	645	2,227	7,619	3.0
99-100	0.268115	1,905	511	1,649	5,392	2.8
100 and over	1.000000	1,394	1,394	3,743	3,743	2.7

Table 8. Life table for black males: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.015565	100,000	1,557	98,616	6,886,235	68.9
1-2	0.000893	98,443	88	98,400	6,787,619	68.9
2-3	0.000560	98,356	55	98,328	6,689,219	68.0
3-4	0.000447	98,301	44	98,279	6,590,891	67.0
4-5	0.000294	98,257	29	98,242	6,492,613	66.1
5-6	0.000277	98,228	27	98,214	6,394,371	65.1
6-7	0.000239	98,201	23	98,189	6,296,156	64.1
7-8	0.000211	98,177	21	98,167	6,197,967	63.1
8-9	0.000187	98,156	18	98,147	6,099,801	62.1
9-10	0.000169	98,138	17	98,130	6,001,653	61.2
10-11	0.000166	98,122	16	98,113	5,903,523	60.2
11-12	0.000190	98,105	19	98,096	5,805,410	59.2
12-13	0.000256	98,087	25	98,074	5,707,314	58.2
13-14	0.000378	98,062	37	98,043	5,609,240	57.2
14-15	0.000549	98,025	54	97,998	5,511,197	56.2
15-16	0.000744	97,971	73	97,934	5,413,199	55.3
16-17	0.000950	97,898	93	97,851	5,315,265	54.3
17-18	0.001181	97,805	115	97,747	5,217,414	53.3
18-19	0.001425	97,689	139	97,620	5,119,667	52.4
19-20	0.001670	97,550	163	97,469	5,022,047	51.5
20-21	0.001930	97,387	188	97,293	4,924,578	50.6
21-22	0.002182	97,199	212	97,093	4,827,285	49.7
22-23	0.002374	96,987	230	96,872	4,730,192	48.8
23-24	0.002486	96,757	241	96,637	4,633,320	47.9
24-25	0.002535	96,516	245	96,394	4,536,684	47.0
25-26	0.002568	96,272	247	96,148	4,440,290	46.1
26-27	0.002607	96,024	250	95,899	4,344,142	45.2
27-28	0.002623	95,774	251	95,648	4,248,242	44.4
28-29	0.002617	95,523	250	95,398	4,152,594	43.5
29-30	0.002601	95,273	248	95,149	4,057,196	42.6
30-31	0.002578	95,025	245	94,902	3,962,047	41.7
31-32	0.002570	94,780	244	94,658	3,867,145	40.8
32-33	0.002684	94,536	254	94,410	3,772,487	39.9
33-34	0.002696	94,283	254	94,156	3,678,077	39.0
34-35	0.002838	94,028	267	93,895	3,583,922	38.1
35-36	0.003008	93,762	282	93,621	3,490,027	37.2
36-37	0.003195	93,480	299	93,330	3,396,406	36.3
37-38	0.003417	93,181	318	93,022	3,303,076	35.4

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

Table 8. Life table for black males: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
38-39	0.003670	92,862	341	92,692	3,210,054	34.6
39-40	0.003951	92,522	366	92,339	3,117,362	33.7
40-41	0.004244	92,156	391	91,961	3,025,023	32.8
41-42	0.004564	91,765	419	91,556	2,933,063	32.0
42-43	0.004948	91,346	452	91,120	2,841,507	31.1
43-44	0.005419	90,894	493	90,648	2,750,387	30.3
44-45	0.005973	90,402	540	90,132	2,659,739	29.4
45-46	0.006571	89,862	590	89,566	2,569,608	28.6
46-47	0.007197	89,271	642	88,950	2,480,041	27.8
47-48	0.007879	88,629	698	88,280	2,391,092	27.0
48-49	0.008620	87,930	758	87,551	2,302,812	26.2
49-50	0.009411	87,172	820	86,762	2,215,261	25.4
50-51	0.010291	86,352	889	85,908	2,128,498	24.6
51-52	0.011216	85,463	959	84,984	2,042,591	23.9
52-53	0.012096	84,505	1,022	83,994	1,957,607	23.2
53-54	0.012885	83,483	1,076	82,945	1,873,613	22.4
54-55	0.013626	82,407	1,123	81,845	1,790,668	21.7
55-56	0.014404	81,284	1,171	80,699	1,708,823	21.0
56-57	0.015312	80,113	1,227	79,500	1,628,124	20.3
57-58	0.016368	78,887	1,291	78,241	1,548,624	19.6
58-59	0.017606	77,595	1,366	76,912	1,470,383	18.9
59-60	0.018997	76,229	1,448	75,505	1,393,471	18.3
60-61	0.020536	74,781	1,536	74,013	1,317,966	17.6
61-62	0.022177	73,245	1,624	72,433	1,243,952	17.0
62-63	0.023821	71,621	1,706	70,768	1,171,519	16.4
63-64	0.025378	69,915	1,774	69,028	1,100,751	15.7
64-65	0.026864	68,141	1,831	67,225	1,031,723	15.1
65-66	0.028310	66,310	1,877	65,372	964,498	14.5
66-67	0.029904	64,433	1,927	63,470	899,126	14.0
67-68	0.031827	62,506	1,989	61,511	835,657	13.4
68-69	0.034267	60,517	2,074	59,480	774,145	12.8
69-70	0.037097	58,443	2,168	57,359	714,665	12.2
70-71	0.040122	56,275	2,258	55,146	657,306	11.7
71-72	0.043457	54,017	2,347	52,843	602,160	11.1
72-73	0.047285	51,670	2,443	50,448	549,317	10.6
73-74	0.051125	49,227	2,517	47,968	498,869	10.1
74-75	0.054988	46,710	2,568	45,426	450,900	9.7
75-76	0.059153	44,141	2,611	42,836	405,475	9.2

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

Table 8. Life table for black males: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
76-77	0.064065	41,530	2,661	40,200	362,639	8.7
77-78	0.069337	38,870	2,695	37,522	322,439	8.3
78-79	0.074990	36,175	2,713	34,818	284,917	7.9
79-80	0.081042	33,462	2,712	32,106	250,099	7.5
80-81	0.087509	30,750	2,691	29,405	217,993	7.1
81-82	0.094409	28,059	2,649	26,735	188,588	6.7
82-83	0.101758	25,410	2,586	24,117	161,854	6.4
83-84	0.109569	22,824	2,501	21,574	137,736	6.0
84-85	0.117855	20,324	2,395	19,126	116,162	5.7
85-86	0.126625	17,928	2,270	16,793	97,036	5.4
86-87	0.135886	15,658	2,128	14,594	80,243	5.1
87-88	0.145641	13,530	1,971	12,545	65,649	4.9
88-89	0.155891	11,560	1,802	10,659	53,104	4.6
89-90	0.166632	9,758	1,626	8,945	42,445	4.3
90-91	0.177855	8,132	1,446	7,409	33,500	4.1
91-92	0.189548	6,686	1,267	6,052	26,091	3.9
92-93	0.201692	5,418	1,093	4,872	20,040	3.7
93-94	0.214265	4,325	927	3,862	15,168	3.5
94-95	0.227239	3,399	772	3,013	11,306	3.3
95-96	0.240580	2,626	632	2,310	8,293	3.2
96-97	0.254251	1,995	507	1,741	5,983	3.0
97-98	0.268211	1,487	399	1,288	4,242	2.9
98-99	0.282411	1,088	307	935	2,954	2.7
99-100	0.296804	781	232	665	2,019	2.6
100 and over	1.000000	549	549	1,354	1,354	2.5

Table 9. Life table for black females: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
0-1	0.012448	100,000	1,245	98,896	7,568,145	75.7
1-2	0.000632	98,755	62	98,724	7,469,249	75.6
2-3	0.000470	98,693	46	98,670	7,370,525	74.7
3-4	0.000328	98,646	32	98,630	7,271,856	73.7
4-5	0.000187	98,614	18	98,605	7,173,226	72.7
5-6	0.000224	98,596	22	98,585	7,074,621	71.8
6-7	0.000189	98,574	19	98,564	6,976,036	70.8
7-8	0.000166	98,555	16	98,547	6,877,472	69.8
8-9	0.000154	98,539	15	98,531	6,778,925	68.8
9-10	0.000153	98,523	15	98,516	6,680,394	67.8
10-11	0.000160	98,508	16	98,500	6,581,878	66.8
11-12	0.000173	98,492	17	98,484	6,483,378	65.8
12-13	0.000190	98,475	19	98,466	6,384,894	64.8
13-14	0.000211	98,457	21	98,446	6,286,428	63.8
14-15	0.000238	98,436	23	98,424	6,187,982	62.9
15-16	0.000269	98,413	26	98,399	6,089,557	61.9
16-17	0.000307	98,386	30	98,371	5,991,158	60.9
17-18	0.000360	98,356	35	98,338	5,892,787	59.9
18-19	0.000425	98,321	42	98,300	5,794,449	58.9
19-20	0.000499	98,279	49	98,254	5,696,149	58.0
20-21	0.000580	98,230	57	98,201	5,597,895	57.0
21-22	0.000659	98,173	65	98,140	5,499,694	56.0
22-23	0.000723	98,108	71	98,073	5,401,553	55.1
23-24	0.000768	98,037	75	98,000	5,303,481	54.1
24-25	0.000802	97,962	79	97,923	5,205,481	53.1
25-26	0.000839	97,883	82	97,842	5,107,559	52.2
26-27	0.000888	97,801	87	97,758	5,009,716	51.2
27-28	0.000942	97,714	92	97,668	4,911,958	50.3
28-29	0.000999	97,622	98	97,574	4,814,290	49.3
29-30	0.001060	97,525	103	97,473	4,716,716	48.4
30-31	0.001123	97,421	109	97,367	4,619,243	47.4
31-32	0.001197	97,312	116	97,254	4,521,876	46.5
32-33	0.001315	97,196	128	97,132	4,424,623	45.5
33-34	0.001418	97,068	138	96,999	4,327,491	44.6
34-35	0.001572	96,930	152	96,854	4,230,492	43.6
35-36	0.001739	96,778	168	96,694	4,133,638	42.7
36-37	0.001914	96,609	185	96,517	4,036,944	41.8
37-38	0.002105	96,425	203	96,323	3,940,427	40.9

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

Table 9. Life table for black females: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
38-39	0.002307	96,222	222	96,111	3,844,104	40.0
39-40	0.002518	96,000	242	95,879	3,747,994	39.0
40-41	0.002731	95,758	262	95,627	3,652,115	38.1
41-42	0.002953	95,496	282	95,355	3,556,488	37.2
42-43	0.003198	95,214	304	95,062	3,461,132	36.4
43-44	0.003478	94,910	330	94,745	3,366,070	35.5
44-45	0.003793	94,580	359	94,401	3,271,325	34.6
45-46	0.004133	94,221	389	94,026	3,176,924	33.7
46-47	0.004486	93,832	421	93,621	3,082,898	32.9
47-48	0.004853	93,411	453	93,184	2,989,277	32.0
48-49	0.005229	92,958	486	92,714	2,896,093	31.2
49-50	0.005615	92,471	519	92,212	2,803,378	30.3
50-51	0.006035	91,952	555	91,675	2,711,166	29.5
51-52	0.006483	91,397	593	91,101	2,619,492	28.7
52-53	0.006930	90,805	629	90,490	2,528,391	27.8
53-54	0.007369	90,176	665	89,843	2,437,900	27.0
54-55	0.007825	89,511	700	89,161	2,348,057	26.2
55-56	0.008326	88,811	739	88,441	2,258,896	25.4
56-57	0.008909	88,071	785	87,679	2,170,456	24.6
57-58	0.009590	87,286	837	86,868	2,082,777	23.9
58-59	0.010377	86,449	897	86,001	1,995,909	23.1
59-60	0.011252	85,552	963	85,071	1,909,908	22.3
60-61	0.012222	84,590	1,034	84,073	1,824,837	21.6
61-62	0.013270	83,556	1,109	83,002	1,740,764	20.8
62-63	0.014333	82,447	1,182	81,856	1,657,763	20.1
63-64	0.015370	81,265	1,249	80,641	1,575,906	19.4
64-65	0.016397	80,016	1,312	79,360	1,495,265	18.7
65-66	0.017447	78,704	1,373	78,018	1,415,905	18.0
66-67	0.018604	77,331	1,439	76,612	1,337,887	17.3
67-68	0.019930	75,893	1,513	75,136	1,261,275	16.6
68-69	0.021499	74,380	1,599	73,580	1,186,139	15.9
69-70	0.023242	72,781	1,692	71,935	1,112,559	15.3
70-71	0.025255	71,089	1,795	70,192	1,040,624	14.6
71-72	0.027296	69,294	1,891	68,348	970,432	14.0
72-73	0.029561	67,403	1,993	66,406	902,084	13.4
73-74	0.032064	65,410	2,097	64,361	835,677	12.8
74-75	0.035046	63,313	2,219	62,203	771,316	12.2
75-76	0.038091	61,094	2,327	59,930	709,113	11.6

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

Table 9. Life table for black females: United States, 2003

Age	Probability of dying between ages x to x+1	Number surviving to age x	Number dying between ages x to x+1	Person-years lived between ages x to x+1	Total number of person-years lived above age x	Expectation of life at age x
	q(x)	l(x)	d(x)	L(x)	T(x)	e(x)
76-77	0.041251	58,767	2,424	57,555	649,183	11.0
77-78	0.045215	56,343	2,548	55,069	591,628	10.5
78-79	0.048751	53,795	2,623	52,484	536,559	10.0
79-80	0.052241	51,172	2,673	49,836	484,075	9.5
80-81	0.056547	48,499	2,742	47,128	434,240	9.0
81-82	0.061517	45,757	2,815	44,349	387,112	8.5
82-83	0.067565	42,942	2,901	41,491	342,763	8.0
83-84	0.074596	40,040	2,987	38,547	301,271	7.5
84-85	0.081709	37,054	3,028	35,540	262,724	7.1
85-86	0.089434	34,026	3,043	32,504	227,185	6.7
86-87	0.097767	30,983	3,029	29,468	194,680	6.3
87-88	0.106732	27,954	2,984	26,462	165,212	5.9
88-89	0.116352	24,970	2,905	23,518	138,750	5.6
89-90	0.126642	22,065	2,794	20,668	115,232	5.2
90-91	0.137615	19,271	2,652	17,945	94,564	4.9
91-92	0.149276	16,619	2,481	15,378	76,620	4.6
92-93	0.161624	14,138	2,285	12,995	61,242	4.3
93-94	0.174647	11,853	2,070	10,818	48,246	4.1
94-95	0.188329	9,783	1,842	8,862	37,428	3.8
95-96	0.202642	7,940	1,609	7,136	28,567	3.6
96-97	0.217547	6,331	1,377	5,643	21,431	3.4
97-98	0.232998	4,954	1,154	4,377	15,788	3.2
98-99	0.248938	3,800	946	3,327	11,412	3.0
99-100	0.265302	2,854	757	2,475	8,085	2.8
100 and over	1.000000	2,097	2,097	5,610	5,610	2.7