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Table 7. Life table for the black population: United States, 2006

Age	Probability of dying between ages x to $x + 1$	Number surviving to age x	Number dying between ages x to $x + 1$	Person-years lived between ages x to $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.013373	100,000	1,337	98,818	7,323,582	73.2
1-2	0.000691	98,663	68	98,629	7,224,764	73.2
2-3	0.000473	98,595	47	98,571	7,126,136	72.3
3-4	0.000307	98,548	30	98,533	7,027,565	71.3
4-5	0.000260	98,518	26	98,505	6,929,032	70.3
5-6	0.000248	98,492	24	98,480	6,830,527	69.4
6-7	0.000225	98,468	22	98,457	6,732,047	68.4
7-8	0.000203	98,445	20	98,435	6,633,591	67.4
8-9	0.000176	98,425	17	98,417	6,535,155	66.4
9-10	0.000145	98,408	14	98,401	6,436,738	65.4
10-11	0.000122	98,394	12	98,388	6,338,337	64.4
11-12	0.000125	98,382	12	98,376	6,239,949	63.4
12-13	0.000172	98,370	17	98,361	6,141,574	62.4
13-14	0.000274	98,353	27	98,339	6,043,212	61.4
14-15	0.000417	98,326	41	98,305	5,944,873	60.5
15-16	0.000573	98,285	56	98,257	5,846,568	59.5
16-17	0.000721	98,228	71	98,193	5,748,311	58.5
17-18	0.000861	98,158	85	98,115	5,650,118	57.6
18-19	0.000987	98,073	97	98,025	5,552,003	56.6
19-20	0.001103	97,976	108	97,922	5,453,978	55.7
20-21	0.001228	97,868	120	97,808	5,356,056	54.7
21-22	0.001355	97,748	132	97,682	5,258,248	53.8
22-23	0.001458	97,616	142	97,544	5,160,566	52.9
23-24	0.001520	97,473	148	97,399	5,063,021	51.9
24-25	0.001552	97,325	151	97,250	4,965,622	51.0
25-26	0.001574	97,174	153	97,098	4,868,373	50.1
26-27	0.001602	97,021	155	96,943	4,771,275	49.2
27-28	0.001632	96,866	158	96,787	4,674,332	48.3
28-29	0.001670	96,708	162	96,627	4,577,545	47.3
29-30	0.001719	96,546	166	96,463	4,480,918	46.4
30-31	0.001776	96,380	171	96,294	4,384,455	45.5
31-32	0.001843	96,209	177	96,120	4,288,161	44.6
32-33	0.001941	96,032	186	95,938	4,192,040	43.7
33-34	0.002004	95,845	192	95,749	4,096,102	42.7
34-35	0.002099	95,653	201	95,553	4,000,353	41.8
35-36	0.002205	95,452	210	95,347	3,904,800	40.9
36-37	0.002330	95,242	222	95,131	3,809,453	40.0
37-38	0.002485	95,020	236	94,902	3,714,322	39.1
38-39	0.002675	94,784	254	94,657	3,619,420	38.2
39-40	0.002897	94,530	274	94,393	3,524,763	37.3
40-41	0.003132	94,256	295	94,109	3,430,370	36.4
41-42	0.003384	93,961	318	93,802	3,336,261	35.5
42-43	0.003676	93,643	344	93,471	3,242,459	34.6
43-44	0.004018	93,299	375	93,112	3,148,988	33.8
44-45	0.004404	92,924	409	92,719	3,055,877	32.9
45-46	0.004808	92,515	445	92,292	2,963,157	32.0
46-47	0.005229	92,070	481	91,829	2,870,865	31.2
47-48	0.005701	91,589	522	91,328	2,779,036	30.3
48-49	0.006245	91,066	569	90,782	2,687,708	29.5
49-50	0.006859	90,498	621	90,187	2,596,926	28.7
50-51	0.007544	89,877	678	89,538	2,506,738	27.9
51-52	0.008268	89,199	737	88,830	2,417,200	27.1
52-53	0.008987	88,462	795	88,064	2,328,370	26.3
53-54	0.009651	87,667	846	87,244	2,240,306	25.6
54-55	0.010264	86,821	891	86,375	2,153,062	24.8
55-56	0.010887	85,930	936	85,462	2,066,687	24.1
56-57	0.011559	84,994	982	84,503	1,981,225	23.3
57-58	0.012265	84,012	1,030	83,496	1,896,723	22.6
58-59	0.013049	82,981	1,083	82,440	1,813,226	21.9
59-60	0.013954	81,898	1,143	81,327	1,730,786	21.1
60-61	0.015026	80,756	1,213	80,149	1,649,460	20.4
61-62	0.016256	79,542	1,293	78,896	1,569,311	19.7
62-63	0.017576	78,249	1,375	77,561	1,490,415	19.0
63-64	0.018842	76,874	1,448	76,150	1,412,854	18.4
64-65	0.020003	75,425	1,509	74,671	1,336,704	17.7
65-66	0.021135	73,917	1,562	73,135	1,262,033	17.1
66-67	0.022261	72,354	1,611	71,549	1,188,898	16.4

Table 7. Life table for the black population: United States, 2006—Con.

	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
Age	q_x	l_x	d_x	L_x	T_x	e_x
67-68	0.023598	70,744	1,669	69,909	1,117,349	15.8
68-69	0.025217	69,074	1,742	68,203	1,047,440	15.2
69-70	0.027104	67,332	1,825	66,420	979,237	14.5
70-71	0.029180	65,507	1,912	64,552	912,817	13.9
71-72	0.031457	63,596	2,001	62,596	848,265	13.3
72-73	0.034032	61,595	2,096	60,547	785,669	12.8
73-74	0.036934	59,499	2,198	58,400	725,122	12.2
74-75	0.040159	57,302	2,301	56,151	666,722	11.6
75-76	0.043698	55,000	2,403	53,799	610,571	11.1
76-77	0.047288	52,597	2,487	51,353	556,772	10.6
77-78	0.051158	50,110	2,564	48,828	505,418	10.1
78-79	0.055326	47,546	2,631	46,231	456,590	9.6
79-80	0.059812	44,916	2,687	43,573	410,359	9.1
80-81	0.064637	42,229	2,730	40,865	366,786	8.7
81-82	0.069823	39,500	2,758	38,121	325,922	8.3
82-83	0.075390	36,742	2,770	35,357	287,801	7.8
83-84	0.081363	33,972	2,764	32,590	252,444	7.4
84-85	0.087765	31,208	2,739	29,838	219,855	7.0
85-86	0.094618	28,469	2,694	27,122	190,016	6.7
86-87	0.101946	25,775	2,628	24,461	162,894	6.3
87-88	0.109774	23,147	2,541	21,877	138,433	6.0
88-89	0.118123	20,606	2,434	19,389	116,556	5.7
89-90	0.127017	18,172	2,308	17,018	97,167	5.3
90-91	0.136476	15,864	2,165	14,782	80,148	5.1
91-92	0.146522	13,699	2,007	12,695	65,367	4.8
92-93	0.157173	11,692	1,838	10,773	52,671	4.5
93-94	0.168445	9,854	1,660	9,024	41,898	4.3
94-95	0.180352	8,194	1,478	7,455	32,874	4.0
95-96	0.192906	6,716	1,296	6,069	25,419	3.8
96-97	0.206114	5,421	1,117	4,862	19,350	3.6
97-98	0.219980	4,304	947	3,830	14,488	3.4
98-99	0.234504	3,357	787	2,963	10,658	3.2
99-100	0.249679	2,570	642	2,249	7,694	3.0
100 and over	1.00000	1,928	1,928	5,445	5,445	2.8

Table 8. Life table for black males: United States, 2006

	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
Age	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.014477	100,000	1,448	98,722	6,966,719	69.7
1-2	0.000772	98,552	76	98,514	6,867,998	69.7
2-3	0.000465	98,476	46	98,453	6,769,483	68.7
3-4	0.000372	98,430	37	98,412	6,671,030	67.8
4-5	0.000273	98,394	27	98,380	6,572,618	66.8
5-6	0.000276	98,367	27	98,353	6,474,237	65.8
6-7	0.000265	98,340	26	98,327	6,375,884	64.8
7-8	0.000246	98,314	24	98,302	6,277,557	63.9
8-9	0.000207	98,290	20	98,279	6,179,255	62.9
9-10	0.000153	98,269	15	98,262	6,080,976	61.9
10-11	0.000106	98,254	10	98,249	5,982,714	60.9
11-12	0.000100	98,244	10	98,239	5,884,465	59.9
12-13	0.000174	98,234	17	98,225	5,786,226	58.9
13-14	0.000348	98,217	34	98,200	5,688,001	57.9
14-15	0.000592	98,183	58	98,154	5,589,801	56.9
15-16	0.000860	98,125	84	98,083	5,491,647	56.0
16-17	0.001110	98,040	109	97,986	5,393,565	55.0
17-18	0.001339	97,932	131	97,866	5,295,579	54.1
18-19	0.001535	97,800	150	97,725	5,197,713	53.1
19-20	0.001706	97,650	167	97,567	5,099,987	52.2
20-21	0.001885	97,484	184	97,392	5,002,420	51.3
21-22	0.002068	97,300	201	97,199	4,905,029	50.4
22-23	0.002211	97,099	215	96,991	4,807,829	49.5
23-24	0.002297	96,884	223	96,773	4,710,838	48.6
24-25	0.002337	96,661	226	96,548	4,614,065	47.7
25-26	0.002360	96,435	228	96,322	4,517,517	46.8
26-27	0.002386	96,208	230	96,093	4,421,195	46.0
27-28	0.002412	95,978	231	95,863	4,325,102	45.1
28-29	0.002447	95,747	234	95,630	4,229,239	44.2
29-30	0.002493	95,513	238	95,394	4,133,609	43.3
30-31	0.002546	95,274	243	95,153	4,038,216	42.4
31-32	0.002604	95,032	247	94,908	3,943,063	41.5
32-33	0.002720	94,784	258	94,656	3,848,155	40.6
33-34	0.002743	94,527	259	94,397	3,753,499	39.7
34-35	0.002827	94,267	266	94,134	3,659,102	38.8
35-36	0.002925	94,001	275	93,863	3,564,968	37.9
36-37	0.003047	93,726	286	93,583	3,471,105	37.0
37-38	0.003201	93,440	299	93,291	3,377,521	36.1
38-39	0.003394	93,141	316	92,983	3,284,231	35.3
39-40	0.003625	92,825	336	92,657	3,191,247	34.4
40-41	0.003875	92,489	358	92,310	3,098,591	33.5
41-42	0.004155	92,130	383	91,939	3,006,281	32.6
42-43	0.004493	91,748	412	91,541	2,914,342	31.8
43-44	0.004904	91,335	448	91,111	2,822,801	30.9
44-45	0.005381	90,887	489	90,643	2,731,689	30.1
45-46	0.005879	90,398	531	90,133	2,641,046	29.2
46-47	0.006407	89,867	576	89,579	2,550,914	28.4
47-48	0.007035	89,291	628	88,977	2,461,335	27.6
48-49	0.007801	88,663	692	88,317	2,372,358	26.8
49-50	0.008699	87,971	765	87,589	2,284,040	26.0
50-51	0.009717	87,206	847	86,782	2,196,452	25.2
51-52	0.010787	86,359	932	85,893	2,109,669	24.4
52-53	0.011829	85,427	1,010	84,922	2,023,776	23.7
53-54	0.012747	84,417	1,076	83,879	1,938,854	23.0
54-55	0.013552	83,341	1,129	82,776	1,854,975	22.3
55-56	0.014354	82,211	1,180	81,621	1,772,199	21.6
56-57	0.015227	81,031	1,234	80,414	1,690,578	20.9
57-58	0.016141	79,797	1,288	79,153	1,610,164	20.2
58-59	0.017164	78,509	1,348	77,836	1,531,010	19.5
59-60	0.018354	77,162	1,416	76,454	1,453,174	18.8
60-61	0.019768	75,746	1,497	74,997	1,376,721	18.2
61-62	0.021384	74,248	1,588	73,454	1,301,724	17.5
62-63	0.023108	72,661	1,679	71,821	1,228,269	16.9
63-64	0.024730	70,982	1,755	70,104	1,156,448	16.3
64-65	0.026175	69,226	1,812	68,320	1,086,344	15.7
65-66	0.027540	67,414	1,857	66,486	1,018,024	15.1
66-67	0.029032	65,558	1,903	64,606	951,538	14.5

Table 8. Life table for black males: United States, 2006—Con.

	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
Age	q_x	l_x	d_x	L_x	T_x	e_x
67-68	0.030825	63,654	1,962	62,673	886,932	13.9
68-69	0.033020	61,692	2,037	60,674	824,259	13.4
69-70	0.035563	59,655	2,122	58,594	763,585	12.8
70-71	0.038306	57,534	2,204	56,432	704,991	12.3
71-72	0.041232	55,330	2,281	54,189	648,560	11.7
72-73	0.044477	53,048	2,359	51,869	594,371	11.2
73-74	0.048071	50,689	2,437	49,471	542,502	10.7
74-75	0.051996	48,252	2,509	46,998	493,031	10.2
75-76	0.056220	45,743	2,572	44,457	446,034	9.8
76-77	0.060431	43,172	2,609	41,867	401,576	9.3
77-78	0.064935	40,563	2,634	39,246	359,709	8.9
78-79	0.069751	37,929	2,646	36,606	320,463	8.4
79-80	0.074894	35,283	2,643	33,962	283,857	8.0
80-81	0.080384	32,641	2,624	31,329	249,895	7.7
81-82	0.086240	30,017	2,589	28,723	218,566	7.3
82-83	0.092478	27,428	2,537	26,160	189,844	6.9
83-84	0.099119	24,892	2,467	23,658	163,684	6.6
84-85	0.106182	22,424	2,381	21,234	140,026	6.2
85-86	0.113684	20,043	2,279	18,904	118,792	5.9
86-87	0.121643	17,765	2,161	16,684	99,888	5.6
87-88	0.130079	15,604	2,030	14,589	83,203	5.3
88-89	0.139006	13,574	1,887	12,631	68,614	5.1
89-90	0.148442	11,687	1,735	10,820	55,984	4.8
90-91	0.158401	9,952	1,576	9,164	45,164	4.5
91-92	0.168895	8,376	1,415	7,669	36,000	4.3
92-93	0.179936	6,961	1,253	6,335	28,331	4.1
93-94	0.191532	5,709	1,093	5,162	21,996	3.9
94-95	0.203690	4,615	940	4,145	16,834	3.6
95-96	0.216413	3,675	795	3,278	12,689	3.5
96-97	0.229701	2,880	662	2,549	9,411	3.3
97-98	0.243552	2,218	540	1,948	6,862	3.1
98-99	0.257959	1,678	433	1,462	4,914	2.9
99-100	0.272910	1,245	340	1,075	3,453	2.8
100 and over	1.00000	905	905	2,377	2,377	2.6

Table 9. Life table for black females: United States, 2006

	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
Age	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.012227	100,000	1,223	98,917	7,653,214	76.5
1-2	0.000606	98,777	60	98,747	7,554,297	76.5
2-3	0.000482	98,717	48	98,694	7,455,549	75.5
3-4	0.000240	98,670	24	98,658	7,356,856	74.6
4-5	0.000247	98,646	24	98,634	7,258,198	73.6
5-6	0.000218	98,622	21	98,611	7,159,564	72.6
6-7	0.000183	98,600	18	98,591	7,060,953	71.6
7-8	0.000159	98,582	16	98,574	6,962,361	70.6
8-9	0.000144	98,567	14	98,560	6,863,787	69.6
9-10	0.000137	98,552	13	98,546	6,765,227	68.6
10-11	0.000139	98,539	14	98,532	6,666,681	67.7
11-12	0.000150	98,525	15	98,518	6,568,149	66.7
12-13	0.000170	98,511	17	98,502	6,469,631	65.7
13-14	0.000199	98,494	20	98,484	6,371,129	64.7
14-15	0.000236	98,474	23	98,463	6,272,645	63.7
15-16	0.000278	98,451	27	98,437	6,174,183	62.7
16-17	0.000322	98,424	32	98,408	6,075,745	61.7
17-18	0.000371	98,392	36	98,374	5,977,338	60.8
18-19	0.000424	98,355	42	98,335	5,878,964	59.8
19-20	0.000481	98,314	47	98,290	5,780,629	58.8
20-21	0.000547	98,266	54	98,240	5,682,339	57.8
21-22	0.000616	98,213	60	98,183	5,584,099	56.9
22-23	0.000678	98,152	67	98,119	5,485,917	55.9
23-24	0.000727	98,086	71	98,050	5,387,798	54.9
24-25	0.000765	98,014	75	97,977	5,289,748	54.0
25-26	0.000804	97,940	79	97,900	5,191,771	53.0
26-27	0.000848	97,861	83	97,819	5,093,871	52.1
27-28	0.000895	97,778	87	97,734	4,996,051	51.1
28-29	0.000944	97,690	92	97,644	4,898,317	50.1
29-30	0.001001	97,598	98	97,549	4,800,673	49.2
30-31	0.001069	97,500	104	97,448	4,703,124	48.2
31-32	0.001150	97,396	112	97,340	4,605,675	47.3
32-33	0.001247	97,284	121	97,224	4,508,335	46.3
33-34	0.001340	97,163	130	97,098	4,411,112	45.4
34-35	0.001447	97,033	140	96,962	4,314,014	44.5
35-36	0.001560	96,892	151	96,817	4,217,052	43.5
36-37	0.001689	96,741	163	96,659	4,120,235	42.6
37-38	0.001845	96,578	178	96,489	4,023,575	41.7
38-39	0.002034	96,400	196	96,302	3,927,087	40.7
39-40	0.002251	96,203	217	96,095	3,830,785	39.8
40-41	0.002474	95,987	237	95,868	3,734,690	38.9
41-42	0.002702	95,749	259	95,620	3,638,822	38.0
42-43	0.002955	95,491	282	95,350	3,543,202	37.1
43-44	0.003237	95,209	308	95,054	3,447,852	36.2
44-45	0.003545	94,900	336	94,732	3,352,797	35.3
45-46	0.003869	94,564	366	94,381	3,258,065	34.5
46-47	0.004198	94,198	395	94,000	3,163,684	33.6
47-48	0.004538	93,803	426	93,590	3,069,684	32.7
48-49	0.004893	93,377	457	93,148	2,976,094	31.9
49-50	0.005271	92,920	490	92,675	2,882,946	31.0
50-51	0.005681	92,430	525	92,168	2,790,271	30.2
51-52	0.006122	91,905	563	91,624	2,698,103	29.4
52-53	0.006581	91,343	601	91,042	2,606,479	28.5
53-54	0.007043	90,741	639	90,422	2,515,437	27.7
54-55	0.007504	90,102	676	89,764	2,425,015	26.9
55-56	0.007988	89,426	714	89,069	2,335,251	26.1
56-57	0.008504	88,712	754	88,335	2,246,182	25.3
57-58	0.009054	87,957	796	87,559	2,157,847	24.5
58-59	0.009666	87,161	843	86,740	2,070,288	23.8
59-60	0.010375	86,319	896	85,871	1,983,548	23.0
60-61	0.011220	85,423	958	84,944	1,897,677	22.2
61-62	0.012199	84,465	1,030	83,949	1,812,734	21.5
62-63	0.013261	83,434	1,106	82,881	1,728,784	20.7
63-64	0.014304	82,328	1,178	81,739	1,645,903	20.0
64-65	0.015288	81,150	1,241	80,530	1,564,164	19.3
65-66	0.016280	79,910	1,301	79,259	1,483,635	18.6
66-67	0.017251	78,609	1,356	77,931	1,404,375	17.9

Table 9. Life table for black females: United States, 2006—Con.

	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
Age	q_x	l_x	d_x	L_x	T_x	e_x
67-68	0.018373	77,253	1,419	76,543	1,326,445	17.2
68-69	0.019702	75,833	1,494	75,086	1,249,902	16.5
69-70	0.021248	74,339	1,580	73,549	1,174,816	15.8
70-71	0.022981	72,760	1,672	71,923	1,101,267	15.1
71-72	0.024930	71,087	1,772	70,201	1,029,343	14.5
72-73	0.027177	69,315	1,884	68,373	959,142	13.8
73-74	0.029742	67,431	2,006	66,429	890,768	13.2
74-75	0.032620	65,426	2,134	64,359	824,340	12.6
75-76	0.035807	63,292	2,266	62,159	759,981	12.0
76-77	0.039070	61,025	2,384	59,833	697,822	11.4
77-78	0.042616	58,641	2,499	57,392	637,989	10.9
78-79	0.046470	56,142	2,609	54,838	580,597	10.3
79-80	0.050653	53,533	2,712	52,177	525,760	9.8
80-81	0.055190	50,822	2,805	49,419	473,582	9.3
81-82	0.060109	48,017	2,886	46,574	424,163	8.8
82-83	0.065436	45,131	2,953	43,654	377,589	8.4
83-84	0.071199	42,177	3,003	40,676	333,936	7.9
84-85	0.077427	39,174	3,033	37,658	293,260	7.5
85-86	0.084151	36,141	3,041	34,621	255,602	7.1
86-87	0.091401	33,100	3,025	31,587	220,981	6.7
87-88	0.099208	30,075	2,984	28,583	189,394	6.3
88-89	0.107602	27,091	2,915	25,633	160,811	5.9
89-90	0.116616	24,176	2,819	22,766	135,178	5.6
90-91	0.126277	21,357	2,697	20,008	112,412	5.3
91-92	0.136615	18,660	2,549	17,385	92,403	5.0
92-93	0.147656	16,111	2,379	14,921	75,018	4.7
93-94	0.159425	13,732	2,189	12,637	60,097	4.4
94-95	0.171942	11,543	1,985	10,550	47,460	4.1
95-96	0.185226	9,558	1,770	8,673	36,910	3.9
96-97	0.199289	7,788	1,552	7,012	28,237	3.6
97-98	0.214140	6,236	1,335	5,568	21,225	3.4
98-99	0.229779	4,900	1,126	4,337	15,657	3.2
99-100	0.246202	3,774	929	3,310	11,320	3.0
100 and over	1.00000	2,845	2,845	8,010	8,010	2.8