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Table 8. Life table for black males: United States, 2016Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_04/Table08.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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	0.011922	100,000	1,192	98,958	7,199,682	72.0
1-2	0.000615	98,808	61	98,777	7,100,724	71.9
2-3	0.000449	98,747	44	98,725	7,001,946	70.9
3-4	0.000389	98,703	38	98,683	6,903,222	69.9
4-5	0.000278	98,664	27	98,651	6,804,538	69.0
5-6	0.000264	98,637	26	98,624	6,705,888	68.0
6-7	0.000234	98,611	23	98,599	6,607,264	67.0
7-8	0.000203	98,588	20	98,578	6,508,665	66.0
8-9	0.000166	98,568	16	98,559	6,410,087	65.0
9-10	0.000126	98,551	12	98,545	6,311,528	64.0
10-11	0.000094	98,539	9	98,534	6,212,983	63.1
11-12	0.000095	98,530	9	98,525	6,114,449	62.1
12-13	0.000157	98,520	15	98,512	6,015,924	61.1
13-14	0.000293	98,505	29	98,490	5,917,411	60.1
14-15	0.000485	98,476	48	98,452	5,818,921	59.1
15-16	0.000687	98,428	68	98,394	5,720,469	58.1
16-17	0.000887	98,360	87	98,317	5,622,075	57.2
17-18	0.001108	98,273	109	98,219	5,523,758	56.2
18-19	0.001344	98,164	132	98,098	5,425,539	55.3
19-20	0.001579	98,032	155	97,955	5,327,441	54.3
20-21	0.001817	97,878	178	97,789	5,229,486	53.4
21-22	0.002031	97,700	198	97,601	5,131,697	52.5
22-23	0.002183	97,501	213	97,395	5,034,096	51.6
23-24	0.002259	97,289	220	97,179	4,936,701	50.7
24-25	0.002279	97,069	221	96,958	4,839,523	49.9
25-26	0.002279	96,848	221	96,737	4,742,565	49.0
26-27	0.002288	96,627	221	96,516	4,645,827	48.1
27-28	0.002310	96,406	223	96,294	4,549,311	47.2
28-29	0.002358	96,183	227	96,070	4,453,017	46.3
29-30	0.002431	95,956	233	95,840	4,356,947	45.4
30-31	0.002514	95,723	241	95,603	4,261,107	44.5
31-32	0.002594	95,482	248	95,359	4,165,504	43.6
32-33	0.002675	95,235	255	95,107	4,070,146	42.7
33-34	0.002747	94,980	261	94,849	3,975,039	41.9
34-35	0.002814	94,719	267	94,586	3,880,189	41.0
35-36	0.002887	94,452	273	94,316	3,785,603	40.1
36-37	0.002974	94,180	280	94,040	3,691,287	39.2
37-38	0.003074	93,900	289	93,755	3,597,248	38.3
38-39	0.003194	93,611	299	93,462	3,503,492	37.4
39-40	0.003337	93,312	311	93,156	3,410,031	36.5
40-41	0.003516	93,001	327	92,837	3,316,874	35.7
41-42	0.003722	92,674	345	92,501	3,224,037	34.8
42-43	0.003942	92,329	364	92,147	3,131,536	33.9
43-44	0.004162	91,965	383	91,773	3,039,389	33.0
44-45	0.004391	91,582	402	91,381	2,947,616	32.2
45-46	0.004640	91,180	423	90,968	2,856,235	31.3
46-47	0.004937	90,757	448	90,533	2,765,266	30.5
47-48	0.005306	90,309	479	90,069	2,674,734	29.6
48-49	0.005765	89,830	518	89,571	2,584,664	28.8
49-50	0.006304	89,312	563	89,030	2,495,094	27.9
50-51	0.006867	88,749	609	88,444	2,406,063	27.1
51-52	0.007465	88,139	658	87,810	2,317,620	26.3
52-53	0.008167	87,481	714	87,124	2,229,809	25.5
53-54	0.008998	86,767	781	86,376	2,142,685	24.7
54-55	0.009935	85,986	854	85,559	2,056,309	23.9
55-56	0.010908	85,132	929	84,668	1,970,750	23.1
56-57	0.011902	84,203	1,002	83,702	1,886,082	22.4
57-58	0.012984	83,201	1,080	82,661	1,802,380	21.7
58-59	0.014195	82,121	1,166	81,538	1,719,719	20.9
59-60	0.015547	80,955	1,259	80,326	1,638,182	20.2
60-61	0.017067	79,696	1,360	79,016	1,557,856	19.5

Table 8. Life table for black males: United States, 2016—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_04/Table08.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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
61–62.....	0.018676	78,336	1,463	77,605	1,478,840	18.9
62–63.....	0.020237	76,873	1,556	76,095	1,401,235	18.2
63–64.....	0.021614	75,317	1,628	74,504	1,325,140	17.6
64–65.....	0.022821	73,690	1,682	72,849	1,250,636	17.0
65–66.....	0.024031	72,008	1,730	71,143	1,177,787	16.4
66–67.....	0.025374	70,277	1,783	69,386	1,106,645	15.7
67–68.....	0.026739	68,494	1,831	67,579	1,037,259	15.1
68–69.....	0.028252	66,663	1,883	65,721	969,680	14.5
69–70.....	0.030016	64,779	1,944	63,807	903,959	14.0
70–71.....	0.032129	62,835	2,019	61,826	840,152	13.4
71–72.....	0.034404	60,816	2,092	59,770	778,326	12.8
72–73.....	0.037014	58,724	2,174	57,637	718,556	12.2
73–74.....	0.039894	56,550	2,256	55,422	660,919	11.7
74–75.....	0.042840	54,294	2,326	53,131	605,497	11.2
75–76.....	0.045877	51,968	2,384	50,776	552,366	10.6
76–77.....	0.049187	49,584	2,439	48,365	501,589	10.1
77–78.....	0.052543	47,145	2,477	45,907	453,225	9.6
78–79.....	0.056794	44,668	2,537	43,400	407,318	9.1
79–80.....	0.061951	42,131	2,610	40,826	363,918	8.6
80–81.....	0.066881	39,521	2,643	38,200	323,092	8.2
81–82.....	0.072909	36,878	2,689	35,534	284,893	7.7
82–83.....	0.079703	34,189	2,725	32,827	249,359	7.3
83–84.....	0.086256	31,464	2,714	30,107	216,533	6.9
84–85.....	0.093202	28,750	2,680	27,410	186,425	6.5
85–86.....	0.101867	26,071	2,656	24,743	159,015	6.1
86–87.....	0.111181	23,415	2,603	22,113	134,272	5.7
87–88.....	0.121164	20,812	2,522	19,551	112,159	5.4
88–89.....	0.131831	18,290	2,411	17,084	92,608	5.1
89–90.....	0.143190	15,879	2,274	14,742	75,524	4.8
90–91.....	0.155243	13,605	2,112	12,549	60,782	4.5
91–92.....	0.167986	11,493	1,931	10,528	48,233	4.2
92–93.....	0.181404	9,562	1,735	8,695	37,705	3.9
93–94.....	0.195474	7,828	1,530	7,063	29,010	3.7
94–95.....	0.210162	6,298	1,324	5,636	21,947	3.5
95–96.....	0.225425	4,974	1,121	4,413	16,311	3.3
96–97.....	0.241212	3,853	929	3,388	11,898	3.1
97–98.....	0.257459	2,923	753	2,547	8,510	2.9
98–99.....	0.274095	2,171	595	1,873	5,963	2.7
99–100.....	0.291042	1,576	459	1,346	4,089	2.6
100 and over.....	1.000000	1,117	1,117	2,743	2,743	2.5

SOURCE: NCHS, National Vital Statistics System, Mortality.

Table 9. Life table for black females: United States, 2016Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_04/Table09.xlsx.

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	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	0.010222	100,000	1,022	99,112	7,833,064	78.3
1-2	0.000509	98,978	50	98,953	7,733,952	78.1
2-3	0.000394	98,927	39	98,908	7,635,000	77.2
3-4	0.000222	98,888	22	98,877	7,536,092	76.2
4-5	0.000235	98,866	23	98,855	7,437,215	75.2
5-6	0.000208	98,843	21	98,833	7,338,360	74.2
6-7	0.000183	98,823	18	98,814	7,239,527	73.3
7-8	0.000163	98,805	16	98,796	7,140,713	72.3
8-9	0.000147	98,788	15	98,781	7,041,917	71.3
9-10	0.000135	98,774	13	98,767	6,943,136	70.3
10-11	0.000128	98,761	13	98,754	6,844,369	69.3
11-12	0.000131	98,748	13	98,741	6,745,614	68.3
12-13	0.000146	98,735	14	98,728	6,646,873	67.3
13-14	0.000175	98,721	17	98,712	6,548,145	66.3
14-15	0.000216	98,703	21	98,693	6,449,433	65.3
15-16	0.000261	98,682	26	98,669	6,350,741	64.4
16-17	0.000310	98,656	31	98,641	6,252,072	63.4
17-18	0.000364	98,626	36	98,608	6,153,431	62.4
18-19	0.000423	98,590	42	98,569	6,054,823	61.4
19-20	0.000483	98,548	48	98,524	5,956,254	60.4
20-21	0.000546	98,500	54	98,474	5,857,730	59.5
21-22	0.000607	98,447	60	98,417	5,759,257	58.5
22-23	0.000659	98,387	65	98,355	5,660,840	57.5
23-24	0.000701	98,322	69	98,288	5,562,485	56.6
24-25	0.000737	98,253	72	98,217	5,464,198	55.6
25-26	0.000773	98,181	76	98,143	5,365,981	54.7
26-27	0.000812	98,105	80	98,065	5,267,838	53.7
27-28	0.000854	98,025	84	97,983	5,169,773	52.7
28-29	0.000901	97,942	88	97,897	5,071,789	51.8
29-30	0.000955	97,853	93	97,807	4,973,892	50.8
30-31	0.001014	97,760	99	97,710	4,876,085	49.9
31-32	0.001082	97,661	106	97,608	4,778,375	48.9
32-33	0.001162	97,555	113	97,499	4,680,767	48.0
33-34	0.001253	97,442	122	97,381	4,583,268	47.0
34-35	0.001352	97,320	132	97,254	4,485,888	46.1
35-36	0.001462	97,188	142	97,117	4,388,634	45.2
36-37	0.001577	97,046	153	96,970	4,291,517	44.2
37-38	0.001683	96,893	163	96,811	4,194,547	43.3
38-39	0.001778	96,730	172	96,644	4,097,735	42.4
39-40	0.001872	96,558	181	96,468	4,001,092	41.4
40-41	0.001980	96,377	191	96,282	3,904,624	40.5
41-42	0.002115	96,186	203	96,085	3,808,342	39.6
42-43	0.002278	95,983	219	95,874	3,712,258	38.7
43-44	0.002470	95,764	237	95,646	3,616,384	37.8
44-45	0.002687	95,528	257	95,399	3,520,738	36.9
45-46	0.002916	95,271	278	95,132	3,425,339	36.0
46-47	0.003167	94,993	301	94,843	3,330,207	35.1
47-48	0.003465	94,692	328	94,528	3,235,364	34.2
48-49	0.003820	94,364	360	94,184	3,140,836	33.3
49-50	0.004221	94,004	397	93,805	3,046,652	32.4
50-51	0.004639	93,607	434	93,390	2,952,847	31.5
51-52	0.005065	93,173	472	92,937	2,859,457	30.7
52-53	0.005519	92,701	512	92,445	2,766,520	29.8
53-54	0.006005	92,189	554	91,913	2,674,075	29.0
54-55	0.006517	91,636	597	91,337	2,582,162	28.2
55-56	0.007044	91,039	641	90,718	2,490,825	27.4
56-57	0.007584	90,397	686	90,055	2,400,107	26.6
57-58	0.008151	89,712	731	89,346	2,310,052	25.7
58-59	0.008762	88,981	780	88,591	2,220,706	25.0
59-60	0.009427	88,201	831	87,785	2,132,116	24.2
60-61	0.010152	87,369	887	86,926	2,044,330	23.4

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	q_x	l_x	d_x	L_x	T_x	e_x
61–62.....	0.010923	86,482	945	86,010	1,957,405	22.6
62–63.....	0.011719	85,538	1,002	85,037	1,871,394	21.9
63–64.....	0.012510	84,535	1,058	84,007	1,786,358	21.1
64–65.....	0.013296	83,478	1,110	82,923	1,702,351	20.4
65–66.....	0.014129	82,368	1,164	81,786	1,619,429	19.7
66–67.....	0.015042	81,204	1,221	80,593	1,537,643	18.9
67–68.....	0.016005	79,983	1,280	79,343	1,457,049	18.2
68–69.....	0.017038	78,702	1,341	78,032	1,377,707	17.5
69–70.....	0.018215	77,361	1,409	76,657	1,299,675	16.8
70–71.....	0.019734	75,952	1,499	75,203	1,223,018	16.1
71–72.....	0.021468	74,454	1,598	73,654	1,147,815	15.4
72–73.....	0.023291	72,855	1,697	72,007	1,074,161	14.7
73–74.....	0.025369	71,158	1,805	70,256	1,002,154	14.1
74–75.....	0.027421	69,353	1,902	68,402	931,898	13.4
75–76.....	0.029769	67,451	2,008	66,447	863,496	12.8
76–77.....	0.032301	65,443	2,114	64,386	797,049	12.2
77–78.....	0.034980	63,329	2,215	62,222	732,662	11.6
78–79.....	0.038214	61,114	2,335	59,946	670,440	11.0
79–80.....	0.042408	58,779	2,493	57,532	610,494	10.4
80–81.....	0.047243	56,286	2,659	54,956	552,962	9.8
81–82.....	0.052084	53,627	2,793	52,230	498,005	9.3
82–83.....	0.057152	50,834	2,905	49,381	445,775	8.8
83–84.....	0.062484	47,929	2,995	46,431	396,393	8.3
84–85.....	0.068348	44,934	3,071	43,398	349,962	7.8
85–86.....	0.075426	41,863	3,158	40,284	306,564	7.3
86–87.....	0.083135	38,705	3,218	37,096	266,280	6.9
87–88.....	0.091510	35,487	3,247	33,864	229,184	6.5
88–89.....	0.100583	32,240	3,243	30,619	195,320	6.1
89–90.....	0.110383	28,997	3,201	27,397	164,702	5.7
90–91.....	0.120934	25,796	3,120	24,237	137,305	5.3
91–92.....	0.132254	22,677	2,999	21,177	113,068	5.0
92–93.....	0.144354	19,678	2,841	18,257	91,891	4.7
93–94.....	0.157234	16,837	2,647	15,513	73,634	4.4
94–95.....	0.170888	14,190	2,425	12,977	58,120	4.1
95–96.....	0.185296	11,765	2,180	10,675	45,143	3.8
96–97.....	0.200428	9,585	1,921	8,624	34,468	3.6
97–98.....	0.216240	7,664	1,657	6,835	25,844	3.4
98–99.....	0.232678	6,007	1,398	5,308	19,009	3.2
99–100.....	0.249672	4,609	1,151	4,034	13,701	3.0
100 and over.....	1.000000	3,458	3,458	9,667	9,667	2.8

SOURCE: NCHS, National Vital Statistics System, Mortality.