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Table 8. Life table for black males: United States, 2017Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/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.....	0.011882	100,000	1,188	98,973	7,194,460	71.9
1-2.....	0.000622	98,812	61	98,781	7,095,487	71.8
2-3.....	0.000406	98,750	40	98,730	6,996,706	70.9
3-4.....	0.000347	98,710	34	98,693	6,897,976	69.9
4-5.....	0.000231	98,676	23	98,665	6,799,283	68.9
5-6.....	0.000231	98,653	23	98,642	6,700,618	67.9
6-7.....	0.000211	98,630	21	98,620	6,601,976	66.9
7-8.....	0.000192	98,610	19	98,600	6,503,356	66.0
8-9.....	0.000169	98,591	17	98,582	6,404,756	65.0
9-10.....	0.000142	98,574	14	98,567	6,306,173	64.0
10-11.....	0.000125	98,560	12	98,554	6,207,606	63.0
11-12.....	0.000140	98,548	14	98,541	6,109,052	62.0
12-13.....	0.000211	98,534	21	98,524	6,010,512	61.0
13-14.....	0.000352	98,513	35	98,496	5,911,988	60.0
14-15.....	0.000546	98,478	54	98,452	5,813,492	59.0
15-16.....	0.000757	98,425	75	98,387	5,715,041	58.1
16-17.....	0.000965	98,350	95	98,303	5,616,654	57.1
17-18.....	0.001172	98,255	115	98,198	5,518,351	56.2
18-19.....	0.001370	98,140	134	98,073	5,420,153	55.2
19-20.....	0.001554	98,006	152	97,929	5,322,080	54.3
20-21.....	0.001736	97,853	170	97,768	5,224,151	53.4
21-22.....	0.001909	97,683	186	97,590	5,126,383	52.5
22-23.....	0.002051	97,497	200	97,397	5,028,792	51.6
23-24.....	0.002154	97,297	210	97,192	4,931,396	50.7
24-25.....	0.002225	97,087	216	96,979	4,834,203	49.8
25-26.....	0.002287	96,871	222	96,761	4,737,224	48.9
26-27.....	0.002346	96,650	227	96,537	4,640,463	48.0
27-28.....	0.002397	96,423	231	96,308	4,543,927	47.1
28-29.....	0.002444	96,192	235	96,074	4,447,619	46.2
29-30.....	0.002494	95,957	239	95,837	4,351,545	45.3
30-31.....	0.002543	95,718	243	95,596	4,255,708	44.5
31-32.....	0.002598	95,474	248	95,350	4,160,111	43.6
32-33.....	0.002675	95,226	255	95,099	4,064,761	42.7
33-34.....	0.002779	94,972	264	94,840	3,969,662	41.8
34-35.....	0.002899	94,708	275	94,570	3,874,823	40.9
35-36.....	0.003034	94,433	287	94,290	3,780,252	40.0
36-37.....	0.003172	94,147	299	93,997	3,685,963	39.2
37-38.....	0.003292	93,848	309	93,693	3,591,965	38.3
38-39.....	0.003391	93,539	317	93,380	3,498,272	37.4
39-40.....	0.003483	93,222	325	93,059	3,404,891	36.5
40-41.....	0.003593	92,897	334	92,730	3,311,832	35.7
41-42.....	0.003742	92,563	346	92,390	3,219,102	34.8
42-43.....	0.003932	92,217	363	92,036	3,126,712	33.9
43-44.....	0.004165	91,854	383	91,663	3,034,676	33.0
44-45.....	0.004434	91,472	406	91,269	2,943,013	32.2
45-46.....	0.004731	91,066	431	90,851	2,851,744	31.3
46-47.....	0.005061	90,635	459	90,406	2,760,893	30.5
47-48.....	0.005438	90,177	490	89,931	2,670,487	29.6
48-49.....	0.005874	89,686	527	89,423	2,580,556	28.8
49-50.....	0.006376	89,159	569	88,875	2,491,133	27.9
50-51.....	0.006905	88,591	612	88,285	2,402,258	27.1
51-52.....	0.007485	87,979	659	87,650	2,313,973	26.3
52-53.....	0.008192	87,321	715	86,963	2,226,323	25.5
53-54.....	0.009050	86,605	784	86,214	2,139,360	24.7
54-55.....	0.010020	85,822	860	85,392	2,053,146	23.9
55-56.....	0.011026	84,962	937	84,493	1,967,755	23.2
56-57.....	0.012041	84,025	1,012	83,519	1,883,261	22.4
57-58.....	0.013122	83,013	1,089	82,468	1,799,742	21.7
58-59.....	0.014298	81,924	1,171	81,338	1,717,274	21.0
59-60.....	0.015581	80,752	1,258	80,123	1,635,936	20.3

Table 8. Life table for black males: United States, 2017—Con.Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/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
60–61.....	0.016979	79,494	1,350	78,819	1,555,812	19.6
61–62.....	0.018443	78,144	1,441	77,424	1,476,993	18.9
62–63.....	0.019920	76,703	1,528	75,939	1,399,569	18.2
63–64.....	0.021354	75,175	1,605	74,373	1,323,630	17.6
64–65.....	0.022760	73,570	1,674	72,733	1,249,257	17.0
65–66.....	0.024279	71,895	1,746	71,023	1,176,525	16.4
66–67.....	0.025931	70,150	1,819	69,240	1,105,502	15.8
67–68.....	0.027551	68,331	1,883	67,390	1,036,262	15.2
68–69.....	0.029041	66,448	1,930	65,483	968,872	14.6
69–70.....	0.030501	64,519	1,968	63,535	903,388	14.0
70–71.....	0.031843	62,551	1,992	61,555	839,854	13.4
71–72.....	0.034142	60,559	2,068	59,525	778,299	12.9
72–73.....	0.036113	58,491	2,112	57,435	718,774	12.3
73–74.....	0.039043	56,379	2,201	55,278	661,339	11.7
74–75.....	0.041873	54,178	2,269	53,044	606,060	11.2
75–76.....	0.044907	51,909	2,331	50,744	553,017	10.7
76–77.....	0.048772	49,578	2,418	48,369	502,273	10.1
77–78.....	0.052158	47,160	2,460	45,930	453,904	9.6
78–79.....	0.057218	44,700	2,558	43,422	407,974	9.1
79–80.....	0.062038	42,143	2,614	40,835	364,552	8.7
80–81.....	0.066654	39,528	2,635	38,211	323,717	8.2
81–82.....	0.072113	36,894	2,660	35,563	285,506	7.7
82–83.....	0.079691	34,233	2,728	32,869	249,942	7.3
83–84.....	0.087605	31,505	2,760	30,125	217,073	6.9
84–85.....	0.094030	28,745	2,703	27,394	186,948	6.5
85–86.....	0.100906	26,042	2,628	24,728	159,555	6.1
86–87.....	0.110227	23,414	2,581	22,124	134,827	5.8
87–88.....	0.120226	20,833	2,505	19,581	112,703	5.4
88–89.....	0.130918	18,329	2,400	17,129	93,122	5.1
89–90.....	0.142314	15,929	2,267	14,796	75,993	4.8
90–91.....	0.154416	13,662	2,110	12,607	61,197	4.5
91–92.....	0.167219	11,553	1,932	10,587	48,590	4.2
92–93.....	0.180709	9,621	1,739	8,751	38,003	4.0
93–94.....	0.194863	7,882	1,536	7,114	29,252	3.7
94–95.....	0.209647	6,346	1,330	5,681	22,138	3.5
95–96.....	0.225017	5,016	1,129	4,451	16,457	3.3
96–97.....	0.240921	3,887	936	3,419	12,005	3.1
97–98.....	0.257294	2,951	759	2,571	8,586	2.9
98–99.....	0.274063	2,191	601	1,891	6,015	2.7
99–100.....	0.291147	1,591	463	1,359	4,124	2.6
100 and over.....	1.000000	1,128	1,128	2,765	2,765	2.5

SOURCE: NCHS, National Vital Statistics System, Mortality.

Table 9. Life table for black females: United States, 2017Spreadsheet version available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/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.....	0.009674	100,000	967	99,157	7,845,941	78.5
1-2.....	0.000588	99,033	58	99,003	7,746,784	78.2
2-3.....	0.000355	98,974	35	98,957	7,647,780	77.3
3-4.....	0.000214	98,939	21	98,929	7,548,824	76.3
4-5.....	0.000248	98,918	25	98,906	7,449,895	75.3
5-6.....	0.000197	98,894	19	98,884	7,350,989	74.3
6-7.....	0.000171	98,874	17	98,866	7,252,105	73.3
7-8.....	0.000151	98,857	15	98,850	7,153,239	72.4
8-9.....	0.000139	98,842	14	98,835	7,054,390	71.4
9-10.....	0.000133	98,829	13	98,822	6,955,554	70.4
10-11.....	0.000133	98,815	13	98,809	6,856,732	69.4
11-12.....	0.000140	98,802	14	98,795	6,757,923	68.4
12-13.....	0.000154	98,788	15	98,781	6,659,128	67.4
13-14.....	0.000174	98,773	17	98,765	6,560,347	66.4
14-15.....	0.000201	98,756	20	98,746	6,461,583	65.4
15-16.....	0.000231	98,736	23	98,725	6,362,837	64.4
16-17.....	0.000267	98,713	26	98,700	6,264,112	63.5
17-18.....	0.000313	98,687	31	98,671	6,165,412	62.5
18-19.....	0.000372	98,656	37	98,638	6,066,740	61.5
19-20.....	0.000438	98,619	43	98,598	5,968,103	60.5
20-21.....	0.000508	98,576	50	98,551	5,869,505	59.5
21-22.....	0.000576	98,526	57	98,498	5,770,954	58.6
22-23.....	0.000637	98,469	63	98,438	5,672,456	57.6
23-24.....	0.000688	98,407	68	98,373	5,574,018	56.6
24-25.....	0.000731	98,339	72	98,303	5,475,646	55.7
25-26.....	0.000772	98,267	76	98,229	5,377,343	54.7
26-27.....	0.000815	98,191	80	98,151	5,279,114	53.8
27-28.....	0.000859	98,111	84	98,069	5,180,963	52.8
28-29.....	0.000908	98,027	89	97,982	5,082,893	51.9
29-30.....	0.000965	97,938	94	97,891	4,984,911	50.9
30-31.....	0.001030	97,843	101	97,793	4,887,020	49.9
31-32.....	0.001105	97,743	108	97,689	4,789,227	49.0
32-33.....	0.001186	97,635	116	97,577	4,691,539	48.1
33-34.....	0.001269	97,519	124	97,457	4,593,962	47.1
34-35.....	0.001353	97,395	132	97,329	4,496,505	46.2
35-36.....	0.001440	97,263	140	97,193	4,399,176	45.2
36-37.....	0.001536	97,123	149	97,049	4,301,983	44.3
37-38.....	0.001637	96,974	159	96,895	4,204,934	43.4
38-39.....	0.001750	96,815	169	96,731	4,108,039	42.4
39-40.....	0.001880	96,646	182	96,555	4,011,309	41.5
40-41.....	0.002033	96,464	196	96,366	3,914,754	40.6
41-42.....	0.002206	96,268	212	96,162	3,818,387	39.7
42-43.....	0.002383	96,056	229	95,941	3,722,226	38.8
43-44.....	0.002553	95,827	245	95,704	3,626,284	37.8
44-45.....	0.002721	95,582	260	95,452	3,530,580	36.9
45-46.....	0.002895	95,322	276	95,184	3,435,128	36.0
46-47.....	0.003099	95,046	295	94,899	3,339,944	35.1
47-48.....	0.003347	94,752	317	94,593	3,245,045	34.2
48-49.....	0.003655	94,434	345	94,262	3,150,452	33.4
49-50.....	0.004018	94,089	378	93,900	3,056,190	32.5
50-51.....	0.004400	93,711	412	93,505	2,962,290	31.6
51-52.....	0.004802	93,299	448	93,075	2,868,785	30.7
52-53.....	0.005266	92,851	489	92,606	2,775,710	29.9
53-54.....	0.005797	92,362	535	92,094	2,683,104	29.0
54-55.....	0.006375	91,826	585	91,534	2,591,009	28.2
55-56.....	0.006974	91,241	636	90,923	2,499,476	27.4
56-57.....	0.007576	90,605	686	90,262	2,408,553	26.6
57-58.....	0.008184	89,918	736	89,550	2,318,291	25.8
58-59.....	0.008803	89,182	785	88,790	2,228,741	25.0
59-60.....	0.009446	88,397	835	87,980	2,139,951	24.2
60-61.....	0.010126	87,562	887	87,119	2,051,971	23.4

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	q_x	l_x	d_x	L_x	T_x	e_x
61–62.....	0.010845	86,676	940	86,206	1,964,852	22.7
62–63.....	0.011602	85,736	995	85,238	1,878,646	21.9
63–64.....	0.012397	84,741	1,051	84,216	1,793,408	21.2
64–65.....	0.013231	83,691	1,107	83,137	1,709,192	20.4
65–66.....	0.014149	82,583	1,169	81,999	1,626,055	19.7
66–67.....	0.015137	81,415	1,232	80,799	1,544,056	19.0
67–68.....	0.016142	80,182	1,294	79,535	1,463,257	18.2
68–69.....	0.017121	78,888	1,351	78,213	1,383,722	17.5
69–70.....	0.018187	77,537	1,410	76,832	1,305,509	16.8
70–71.....	0.019264	76,127	1,467	75,394	1,228,677	16.1
71–72.....	0.020677	74,661	1,544	73,889	1,153,283	15.4
72–73.....	0.022638	73,117	1,655	72,289	1,079,394	14.8
73–74.....	0.024656	71,462	1,762	70,581	1,007,105	14.1
74–75.....	0.026985	69,700	1,881	68,759	936,524	13.4
75–76.....	0.029625	67,819	2,009	66,814	867,765	12.8
76–77.....	0.032101	65,810	2,113	64,754	800,950	12.2
77–78.....	0.035679	63,697	2,273	62,561	736,197	11.6
78–79.....	0.039136	61,425	2,404	60,223	673,636	11.0
79–80.....	0.042432	59,021	2,504	57,769	613,413	10.4
80–81.....	0.047008	56,516	2,657	55,188	555,644	9.8
81–82.....	0.051308	53,860	2,763	52,478	500,456	9.3
82–83.....	0.055972	51,096	2,860	49,666	447,979	8.8
83–84.....	0.061447	48,236	2,964	46,754	398,312	8.3
84–85.....	0.067875	45,272	3,073	43,736	351,558	7.8
85–86.....	0.073825	42,199	3,115	40,642	307,822	7.3
86–87.....	0.081779	39,084	3,196	37,486	267,180	6.8
87–88.....	0.090536	35,888	3,249	34,263	229,694	6.4
88–89.....	0.100072	32,639	3,266	31,006	195,431	6.0
89–90.....	0.110418	29,372	3,243	27,751	164,426	5.6
90–91.....	0.121605	26,129	3,177	24,540	136,675	5.2
91–92.....	0.133654	22,952	3,068	21,418	112,134	4.9
92–93.....	0.146574	19,884	2,915	18,427	90,716	4.6
93–94.....	0.160368	16,970	2,721	15,609	72,289	4.3
94–95.....	0.175024	14,248	2,494	13,001	56,680	4.0
95–96.....	0.190515	11,754	2,239	10,635	43,679	3.7
96–97.....	0.206800	9,515	1,968	8,531	33,044	3.5
97–98.....	0.223822	7,547	1,689	6,703	24,513	3.2
98–99.....	0.241511	5,858	1,415	5,151	17,810	3.0
99–100.....	0.259776	4,443	1,154	3,866	12,659	2.8
100 and over.....	1.000000	3,289	3,289	8,793	8,793	2.7

SOURCE: NCHS, National Vital Statistics System, Mortality.