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**Table 17. Life table for non-Hispanic black males: United States, 2017**Spreadsheet version available from: [https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/68\\_07/Table17.xlsx](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/Table17.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.....	0.011878	100,000	1,188	98,974	7,151,020	71.5
1-2.....	0.000624	98,812	62	98,781	7,052,046	71.4
2-3.....	0.000395	98,751	39	98,731	6,953,264	70.4
3-4.....	0.000354	98,712	35	98,694	6,854,533	69.4
4-5.....	0.000239	98,677	24	98,665	6,755,839	68.5
5-6.....	0.000232	98,653	23	98,642	6,657,174	67.5
6-7.....	0.000214	98,630	21	98,620	6,558,533	66.5
7-8.....	0.000196	98,609	19	98,599	6,459,913	65.5
8-9.....	0.000169	98,590	17	98,581	6,361,314	64.5
9-10.....	0.000137	98,573	13	98,566	6,262,732	63.5
10-11.....	0.000114	98,560	11	98,554	6,164,166	62.5
11-12.....	0.000126	98,548	12	98,542	6,065,612	61.5
12-13.....	0.000204	98,536	20	98,526	5,967,070	60.6
13-14.....	0.000363	98,516	36	98,498	5,868,544	59.6
14-15.....	0.000582	98,480	57	98,451	5,770,047	58.6
15-16.....	0.000817	98,423	80	98,383	5,671,595	57.6
16-17.....	0.001045	98,342	103	98,291	5,573,213	56.7
17-18.....	0.001273	98,240	125	98,177	5,474,922	55.7
18-19.....	0.001490	98,114	146	98,041	5,376,745	54.8
19-20.....	0.001691	97,968	166	97,886	5,278,703	53.9
20-21.....	0.001891	97,803	185	97,710	5,180,818	53.0
21-22.....	0.002078	97,618	203	97,516	5,083,108	52.1
22-23.....	0.002221	97,415	216	97,307	4,985,591	51.2
23-24.....	0.002309	97,198	224	97,086	4,888,285	50.3
24-25.....	0.002354	96,974	228	96,860	4,791,198	49.4
25-26.....	0.002386	96,746	231	96,630	4,694,338	48.5
26-27.....	0.002421	96,515	234	96,398	4,597,708	47.6
27-28.....	0.002456	96,281	236	96,163	4,501,310	46.8
28-29.....	0.002499	96,045	240	95,925	4,405,147	45.9
29-30.....	0.002554	95,805	245	95,682	4,309,222	45.0
30-31.....	0.002611	95,560	249	95,435	4,213,540	44.1
31-32.....	0.002674	95,311	255	95,183	4,118,105	43.2
32-33.....	0.002768	95,056	263	94,924	4,022,921	42.3
33-34.....	0.002899	94,793	275	94,655	3,927,997	41.4
34-35.....	0.003051	94,518	288	94,374	3,833,342	40.6
35-36.....	0.003224	94,229	304	94,077	3,738,969	39.7
36-37.....	0.003396	93,926	319	93,766	3,644,891	38.8
37-38.....	0.003543	93,607	332	93,441	3,551,125	37.9
38-39.....	0.003654	93,275	341	93,105	3,457,684	37.1
39-40.....	0.003751	92,934	349	92,760	3,364,580	36.2
40-41.....	0.003863	92,586	358	92,407	3,271,820	35.3
41-42.....	0.004016	92,228	370	92,043	3,179,413	34.5
42-43.....	0.004208	91,858	386	91,664	3,087,370	33.6
43-44.....	0.004440	91,471	406	91,268	2,995,706	32.8
44-45.....	0.004708	91,065	429	90,851	2,904,438	31.9
45-46.....	0.004999	90,636	453	90,410	2,813,588	31.0
46-47.....	0.005326	90,183	480	89,943	2,723,178	30.2
47-48.....	0.005705	89,703	512	89,447	2,633,235	29.4
48-49.....	0.006153	89,191	549	88,917	2,543,788	28.5
49-50.....	0.006674	88,642	592	88,346	2,454,872	27.7
50-51.....	0.007225	88,051	636	87,733	2,366,525	26.9
51-52.....	0.007826	87,414	684	87,072	2,278,793	26.1
52-53.....	0.008547	86,730	741	86,360	2,191,720	25.3
53-54.....	0.009409	85,989	809	85,585	2,105,360	24.5
54-55.....	0.010374	85,180	884	84,738	2,019,776	23.7
55-56.....	0.011371	84,296	959	83,817	1,935,038	23.0
56-57.....	0.012380	83,338	1,032	82,822	1,851,220	22.2
57-58.....	0.013461	82,306	1,108	81,752	1,768,398	21.5
58-59.....	0.014649	81,198	1,189	80,603	1,686,646	20.8
59-60.....	0.015956	80,009	1,277	79,370	1,606,043	20.1
60-61.....	0.017379	78,732	1,368	78,048	1,526,672	19.4

See footnotes at end of table.

**Table 17. Life table for non-Hispanic black males: United States, 2017—Con.**Spreadsheet version available from: [https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/68\\_07/Table17.xlsx](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/Table17.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.....	0.018871	77,364	1,460	76,634	1,448,624	18.7
62-63.....	0.020392	75,904	1,548	75,130	1,371,991	18.1
63-64.....	0.021894	74,356	1,628	73,542	1,296,861	17.4
64-65.....	0.023383	72,728	1,701	71,878	1,223,319	16.8
65-66.....	0.025004	71,027	1,776	70,139	1,151,441	16.2
66-67.....	0.026733	69,251	1,851	68,326	1,081,301	15.6
67-68.....	0.028404	67,400	1,914	66,443	1,012,976	15.0
68-69.....	0.029906	65,486	1,958	64,506	946,533	14.5
69-70.....	0.031347	63,527	1,991	62,532	882,026	13.9
70-71.....	0.032661	61,536	2,010	60,531	819,495	13.3
71-72.....	0.034939	59,526	2,080	58,486	758,964	12.8
72-73.....	0.036901	57,446	2,120	56,386	700,477	12.2
73-74.....	0.039841	55,326	2,204	54,224	644,091	11.6
74-75.....	0.042695	53,122	2,268	51,988	589,867	11.1
75-76.....	0.045755	50,854	2,327	49,691	537,878	10.6
76-77.....	0.049642	48,527	2,409	47,323	488,188	10.1
77-78.....	0.053051	46,118	2,447	44,895	440,865	9.6
78-79.....	0.058131	43,672	2,539	42,402	395,970	9.1
79-80.....	0.062970	41,133	2,590	39,838	353,567	8.6
80-81.....	0.067600	38,543	2,605	37,240	313,729	8.1
81-82.....	0.073070	35,937	2,626	34,624	276,489	7.7
82-83.....	0.080664	33,311	2,687	31,968	241,865	7.3
83-84.....	0.088605	30,624	2,713	29,268	209,897	6.9
84-85.....	0.095065	27,911	2,653	26,584	180,629	6.5
85-86.....	0.102003	25,258	2,576	23,969	154,045	6.1
86-87.....	0.111295	22,681	2,524	21,419	130,075	5.7
87-88.....	0.121252	20,157	2,444	18,935	108,656	5.4
88-89.....	0.131888	17,713	2,336	16,545	89,722	5.1
89-90.....	0.143212	15,377	2,202	14,276	73,177	4.8
90-91.....	0.155226	13,175	2,045	12,152	58,901	4.5
91-92.....	0.167924	11,130	1,869	10,195	46,749	4.2
92-93.....	0.181294	9,261	1,679	8,421	36,554	3.9
93-94.....	0.195311	7,582	1,481	6,841	28,133	3.7
94-95.....	0.209942	6,101	1,281	5,461	21,291	3.5
95-96.....	0.225147	4,820	1,085	4,277	15,831	3.3
96-97.....	0.240871	3,735	900	3,285	11,553	3.1
97-98.....	0.257055	2,835	729	2,471	8,268	2.9
98-99.....	0.273627	2,106	576	1,818	5,797	2.8
99-100.....	0.290510	1,530	444	1,308	3,979	2.6
100 and over.....	1.000000	1,086	1,086	2,671	2,671	2.5

NOTES: This life table is based on death rates that have been adjusted for race and ethnicity misclassification on death certificates. Updated classification ratios were applied; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Mortality.

**Table 18. Life table for non-Hispanic black females: United States, 2017**Spreadsheet version available from: [https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/68\\_07/Table18.xlsx](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/Table18.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.....	0.009865	100,000	987	99,141	7,807,910	78.1
1-2.....	0.000622	99,013	62	98,983	7,708,769	77.9
2-3.....	0.000382	98,952	38	98,933	7,609,787	76.9
3-4.....	0.000228	98,914	23	98,903	7,510,854	75.9
4-5.....	0.000263	98,892	26	98,879	7,411,951	75.0
5-6.....	0.000209	98,866	21	98,855	7,313,072	74.0
6-7.....	0.000180	98,845	18	98,836	7,214,217	73.0
7-8.....	0.000159	98,827	16	98,819	7,115,381	72.0
8-9.....	0.000145	98,811	14	98,804	7,016,562	71.0
9-10.....	0.000138	98,797	14	98,790	6,917,758	70.0
10-11.....	0.000138	98,783	14	98,777	6,818,968	69.0
11-12.....	0.000146	98,770	14	98,762	6,720,191	68.0
12-13.....	0.000162	98,755	16	98,747	6,621,429	67.0
13-14.....	0.000185	98,739	18	98,730	6,522,681	66.1
14-15.....	0.000216	98,721	21	98,710	6,423,951	65.1
15-16.....	0.000250	98,700	25	98,687	6,325,241	64.1
16-17.....	0.000291	98,675	29	98,661	6,226,554	63.1
17-18.....	0.000342	98,646	34	98,629	6,127,893	62.1
18-19.....	0.000407	98,613	40	98,592	6,029,263	61.1
19-20.....	0.000480	98,572	47	98,549	5,930,671	60.2
20-21.....	0.000558	98,525	55	98,498	5,832,122	59.2
21-22.....	0.000633	98,470	62	98,439	5,733,625	58.2
22-23.....	0.000697	98,408	69	98,373	5,635,186	57.3
23-24.....	0.000746	98,339	73	98,302	5,536,813	56.3
24-25.....	0.000784	98,266	77	98,227	5,438,510	55.3
25-26.....	0.000820	98,189	80	98,148	5,340,283	54.4
26-27.....	0.000859	98,108	84	98,066	5,242,134	53.4
27-28.....	0.000902	98,024	88	97,980	5,144,068	52.5
28-29.....	0.000954	97,936	93	97,889	5,046,089	51.5
29-30.....	0.001018	97,842	100	97,792	4,948,200	50.6
30-31.....	0.001092	97,742	107	97,689	4,850,407	49.6
31-32.....	0.001176	97,636	115	97,578	4,752,718	48.7
32-33.....	0.001266	97,521	123	97,459	4,655,140	47.7
33-34.....	0.001357	97,397	132	97,331	4,557,681	46.8
34-35.....	0.001447	97,265	141	97,195	4,460,349	45.9
35-36.....	0.001540	97,125	150	97,050	4,363,155	44.9
36-37.....	0.001642	96,975	159	96,895	4,266,105	44.0
37-38.....	0.001751	96,816	170	96,731	4,169,209	43.1
38-39.....	0.001873	96,646	181	96,556	4,072,478	42.1
39-40.....	0.002013	96,465	194	96,368	3,975,923	41.2
40-41.....	0.002179	96,271	210	96,166	3,879,555	40.3
41-42.....	0.002364	96,061	227	95,948	3,783,389	39.4
42-43.....	0.002549	95,834	244	95,712	3,687,441	38.5
43-44.....	0.002720	95,590	260	95,460	3,591,729	37.6
44-45.....	0.002883	95,330	275	95,192	3,496,270	36.7
45-46.....	0.003051	95,055	290	94,910	3,401,077	35.8
46-47.....	0.003251	94,765	308	94,611	3,306,167	34.9
47-48.....	0.003500	94,457	331	94,291	3,211,557	34.0
48-49.....	0.003815	94,126	359	93,947	3,117,265	33.1
49-50.....	0.004192	93,767	393	93,570	3,023,319	32.2
50-51.....	0.004588	93,374	428	93,160	2,929,748	31.4
51-52.....	0.005004	92,946	465	92,713	2,836,589	30.5
52-53.....	0.005484	92,480	507	92,227	2,743,876	29.7
53-54.....	0.006034	91,973	555	91,696	2,651,649	28.8
54-55.....	0.006632	91,418	606	91,115	2,559,953	28.0
55-56.....	0.007252	90,812	659	90,483	2,468,838	27.2
56-57.....	0.007873	90,153	710	89,799	2,378,355	26.4
57-58.....	0.008498	89,444	760	89,064	2,288,556	25.6
58-59.....	0.009133	88,684	810	88,279	2,199,493	24.8
59-60.....	0.009793	87,874	861	87,443	2,111,214	24.0
60-61.....	0.010488	87,013	913	86,557	2,023,771	23.3

See footnotes at end of table.

**Table 18. Life table for non-Hispanic black females: United States, 2017—Con.**Spreadsheet version available from: [https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/68\\_07/Table18.xlsx](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/68_07/Table18.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.....	0.011224	86,100	966	85,617	1,937,214	22.5
62–63.....	0.012002	85,134	1,022	84,623	1,851,597	21.7
63–64.....	0.012824	84,112	1,079	83,573	1,766,973	21.0
64–65.....	0.013689	83,034	1,137	82,465	1,683,401	20.3
65–66.....	0.014642	81,897	1,199	81,297	1,600,935	19.5
66–67.....	0.015648	80,698	1,263	80,066	1,519,638	18.8
67–68.....	0.016670	79,435	1,324	78,773	1,439,571	18.1
68–69.....	0.017662	78,111	1,380	77,421	1,360,798	17.4
69–70.....	0.018740	76,731	1,438	76,012	1,283,377	16.7
70–71.....	0.019833	75,293	1,493	74,547	1,207,365	16.0
71–72.....	0.021265	73,800	1,569	73,015	1,132,818	15.3
72–73.....	0.023245	72,231	1,679	71,391	1,059,803	14.7
73–74.....	0.025275	70,552	1,783	69,660	988,412	14.0
74–75.....	0.027611	68,769	1,899	67,819	918,751	13.4
75–76.....	0.030254	66,870	2,023	65,858	850,932	12.7
76–77.....	0.032734	64,847	2,123	63,785	785,074	12.1
77–78.....	0.036315	62,724	2,278	61,585	721,289	11.5
78–79.....	0.039780	60,446	2,405	59,244	659,704	10.9
79–80.....	0.043086	58,042	2,501	56,791	600,460	10.3
80–81.....	0.047666	55,541	2,647	54,217	543,668	9.8
81–82.....	0.051967	52,893	2,749	51,519	489,451	9.3
82–83.....	0.056636	50,145	2,840	48,725	437,932	8.7
83–84.....	0.062126	47,305	2,939	45,835	389,207	8.2
84–85.....	0.068571	44,366	3,042	42,845	343,372	7.7
85–86.....	0.074538	41,324	3,080	39,784	300,527	7.3
86–87.....	0.082404	38,244	3,151	36,668	260,744	6.8
87–88.....	0.091151	35,092	3,199	33,493	224,076	6.4
88–89.....	0.100667	31,893	3,211	30,288	190,583	6.0
89–90.....	0.110985	28,683	3,183	27,091	160,295	5.6
90–91.....	0.122132	25,499	3,114	23,942	133,204	5.2
91–92.....	0.134128	22,385	3,002	20,884	109,262	4.9
92–93.....	0.146985	19,383	2,849	17,958	88,378	4.6
93–94.....	0.160702	16,534	2,657	15,205	70,419	4.3
94–95.....	0.175268	13,877	2,432	12,661	55,214	4.0
95–96.....	0.190656	11,445	2,182	10,354	42,554	3.7
96–97.....	0.206827	9,263	1,916	8,305	32,200	3.5
97–98.....	0.223725	7,347	1,644	6,525	23,895	3.3
98–99.....	0.241279	5,703	1,376	5,015	17,370	3.0
99–100.....	0.259403	4,327	1,122	3,766	12,355	2.9
100 and over.....	1.000000	3,205	3,205	8,589	8,589	2.7

NOTES: This life table is based on death rates that have been adjusted for race and ethnicity misclassification on death certificates. Updated classification ratios were applied; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Mortality.