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Table 8. Life table for black males: United States, 2013Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/66_03/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	0.012032	100,000	1,203	98,944	7,232,888	72.3
1-2	0.000678	98,797	67	98,763	7,133,945	72.2
2-3	0.000408	98,730	40	98,710	7,035,181	71.3
3-4	0.000283	98,690	28	98,676	6,936,472	70.3
4-5	0.000254	98,662	25	98,649	6,837,796	69.3
5-6	0.000236	98,636	23	98,625	6,739,147	68.3
6-7	0.000214	98,613	21	98,603	6,640,522	67.3
7-8	0.000191	98,592	19	98,583	6,541,920	66.4
8-9	0.000161	98,573	16	98,565	6,443,337	65.4
9-10	0.000127	98,557	12	98,551	6,344,772	64.4
10-11	0.000100	98,545	10	98,540	6,246,221	63.4
11-12	0.000100	98,535	10	98,530	6,147,681	62.4
12-13	0.000150	98,525	15	98,518	6,049,150	61.4
13-14	0.000260	98,510	26	98,498	5,950,633	60.4
14-15	0.000417	98,485	41	98,464	5,852,135	59.4
15-16	0.000582	98,444	57	98,415	5,753,671	58.4
16-17	0.000746	98,386	73	98,350	5,655,255	57.5
17-18	0.000927	98,313	91	98,268	5,556,906	56.5
18-19	0.001118	98,222	110	98,167	5,458,638	55.6
19-20	0.001304	98,112	128	98,048	5,360,471	54.6
20-21	0.001490	97,984	146	97,911	5,262,423	53.7
21-22	0.001655	97,838	162	97,757	5,164,512	52.8
22-23	0.001778	97,676	174	97,590	5,066,754	51.9
23-24	0.001858	97,503	181	97,412	4,969,165	51.0
24-25	0.001908	97,322	186	97,229	4,871,753	50.1
25-26	0.001950	97,136	189	97,041	4,774,524	49.2
26-27	0.002001	96,946	194	96,850	4,677,483	48.2
27-28	0.002053	96,753	199	96,653	4,580,633	47.3
28-29	0.002110	96,554	204	96,452	4,483,980	46.4
29-30	0.002166	96,350	209	96,246	4,387,528	45.5
30-31	0.002220	96,141	213	96,035	4,291,282	44.6
31-32	0.002273	95,928	218	95,819	4,195,248	43.7
32-33	0.002324	95,710	222	95,599	4,099,429	42.8
33-34	0.002378	95,488	227	95,374	4,003,830	41.9
34-35	0.002438	95,261	232	95,144	3,908,456	41.0
35-36	0.002515	95,028	239	94,909	3,813,311	40.1
36-37	0.002610	94,789	247	94,666	3,718,403	39.2
37-38	0.002714	94,542	257	94,414	3,623,737	38.3
38-39	0.002824	94,285	266	94,152	3,529,324	37.4
39-40	0.002942	94,019	277	93,881	3,435,171	36.5
40-41	0.003075	93,742	288	93,598	3,341,291	35.6
41-42	0.003239	93,454	303	93,303	3,247,692	34.8
42-43	0.003449	93,151	321	92,991	3,154,390	33.9
43-44	0.003718	92,830	345	92,658	3,061,399	33.0
44-45	0.004046	92,485	374	92,298	2,968,741	32.1
45-46	0.004416	92,111	407	91,907	2,876,443	31.2
46-47	0.004821	91,704	442	91,483	2,784,536	30.4
47-48	0.005270	91,262	481	91,021	2,693,053	29.5
48-49	0.005757	90,781	523	90,520	2,602,032	28.7
49-50	0.006278	90,258	567	89,975	2,511,512	27.8
50-51	0.006796	89,692	610	89,387	2,421,537	27.0
51-52	0.007357	89,082	655	88,754	2,332,150	26.2
52-53	0.008051	88,427	712	88,071	2,243,396	25.4
53-54	0.008932	87,715	783	87,323	2,155,325	24.6
54-55	0.009978	86,931	867	86,498	2,068,001	23.8
55-56	0.011117	86,064	957	85,586	1,981,504	23.0
56-57	0.012275	85,107	1,045	84,585	1,895,918	22.3
57-58	0.013465	84,063	1,132	83,497	1,811,333	21.5
58-59	0.014666	82,931	1,216	82,323	1,727,837	20.8
59-60	0.015890	81,714	1,298	81,065	1,645,514	20.1
60-61	0.017262	80,416	1,388	79,722	1,564,449	19.5

See footnote at end of table.

Table 8. Life table for black males: United States, 2013—Con.Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/66_03/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	0.018737	79,028	1,481	78,287	1,484,727	18.8
62–63	0.020109	77,547	1,559	76,767	1,406,440	18.1
63–64	0.021256	75,988	1,615	75,180	1,329,672	17.5
64–65	0.022230	74,372	1,653	73,546	1,254,492	16.9
65–66	0.023173	72,719	1,685	71,877	1,180,946	16.2
66–67	0.024302	71,034	1,726	70,171	1,109,070	15.6
67–68	0.025724	69,308	1,783	68,416	1,038,899	15.0
68–69	0.027576	67,525	1,862	66,594	970,482	14.4
69–70	0.029767	65,663	1,955	64,686	903,889	13.8
70–71	0.032193	63,708	2,051	62,683	839,203	13.2
71–72	0.034831	61,657	2,148	60,584	776,520	12.6
72–73	0.037624	59,510	2,239	58,390	715,937	12.0
73–74	0.040539	57,271	2,322	56,110	657,546	11.5
74–75	0.043462	54,949	2,388	53,755	601,436	10.9
75–76	0.046611	52,561	2,450	51,336	547,681	10.4
76–77	0.050828	50,111	2,547	48,837	496,346	9.9
77–78	0.054913	47,564	2,612	46,258	447,508	9.4
78–79	0.059133	44,952	2,658	43,623	401,250	8.9
79–80	0.064315	42,294	2,720	40,934	357,627	8.5
80–81	0.069476	39,574	2,749	38,199	316,693	8.0
81–82	0.074890	36,824	2,758	35,445	278,494	7.6
82–83	0.081364	34,067	2,772	32,681	243,049	7.1
83–84	0.089411	31,295	2,798	29,896	210,368	6.7
84–85	0.097540	28,497	2,780	27,107	180,473	6.3
85–86	0.106272	25,717	2,733	24,351	153,366	6.0
86–87	0.115627	22,984	2,658	21,655	129,015	5.6
87–88	0.125621	20,326	2,553	19,050	107,360	5.3
88–89	0.136264	17,773	2,422	16,562	88,310	5.0
89–90	0.147564	15,351	2,265	14,219	71,748	4.7
90–91	0.159519	13,086	2,087	12,042	57,529	4.4
91–92	0.172121	10,998	1,893	10,052	45,487	4.1
92–93	0.185355	9,105	1,688	8,262	35,435	3.9
93–94	0.199197	7,418	1,478	6,679	27,174	3.7
94–95	0.213613	5,940	1,269	5,306	20,495	3.5
95–96	0.228563	4,671	1,068	4,137	15,189	3.3
96–97	0.243996	3,604	879	3,164	11,052	3.1
97–98	0.259852	2,724	708	2,370	7,888	2.9
98–99	0.276066	2,016	557	1,738	5,517	2.7
99–100	0.292564	1,460	427	1,246	3,779	2.6
100 and over	1.000000	1,033	1,033	2,533	2,533	2.5

SOURCE: NCHS, National Vital Statistics System, Mortality.

Table 9. Life table for black females: United States, 2013Spreadsheet version available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/66_03/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	0.010390	100,000	1,039	99,088	7,840,937	78.4
1-2	0.000555	98,961	55	98,934	7,741,849	78.2
2-3	0.000315	98,906	31	98,891	7,642,916	77.3
3-4	0.000236	98,875	23	98,863	7,544,025	76.3
4-5	0.000230	98,852	23	98,840	7,445,162	75.3
5-6	0.000195	98,829	19	98,819	7,346,322	74.3
6-7	0.000171	98,810	17	98,801	7,247,503	73.3
7-8	0.000152	98,793	15	98,785	7,148,701	72.4
8-9	0.000137	98,778	14	98,771	7,049,916	71.4
9-10	0.000126	98,764	12	98,758	6,951,145	70.4
10-11	0.000121	98,752	12	98,746	6,852,387	69.4
11-12	0.000123	98,740	12	98,734	6,753,641	68.4
12-13	0.000132	98,728	13	98,721	6,654,908	67.4
13-14	0.000150	98,715	15	98,707	6,556,187	66.4
14-15	0.000175	98,700	17	98,691	6,457,479	65.4
15-16	0.000204	98,683	20	98,673	6,358,788	64.4
16-17	0.000236	98,662	23	98,651	6,260,116	63.4
17-18	0.000277	98,639	27	98,626	6,161,465	62.5
18-19	0.000327	98,612	32	98,596	6,062,839	61.5
19-20	0.000380	98,580	37	98,561	5,964,244	60.5
20-21	0.000434	98,542	43	98,521	5,865,683	59.5
21-22	0.000485	98,499	48	98,476	5,767,162	58.6
22-23	0.000530	98,452	52	98,426	5,668,686	57.6
23-24	0.000572	98,399	56	98,371	5,570,261	56.6
24-25	0.000614	98,343	60	98,313	5,471,890	55.6
25-26	0.000662	98,283	65	98,250	5,373,577	54.7
26-27	0.000716	98,218	70	98,183	5,275,326	53.7
27-28	0.000773	98,147	76	98,109	5,177,144	52.7
28-29	0.000827	98,072	81	98,031	5,079,034	51.8
29-30	0.000878	97,990	86	97,947	4,981,003	50.8
30-31	0.000931	97,904	91	97,859	4,883,056	49.9
31-32	0.000989	97,813	97	97,765	4,785,197	48.9
32-33	0.001050	97,716	103	97,665	4,687,433	48.0
33-34	0.001115	97,614	109	97,559	4,589,767	47.0
34-35	0.001191	97,505	116	97,447	4,492,208	46.1
35-36	0.001280	97,389	125	97,327	4,394,761	45.1
36-37	0.001383	97,264	135	97,197	4,297,435	44.2
37-38	0.001498	97,130	145	97,057	4,200,238	43.2
38-39	0.001619	96,984	157	96,906	4,103,180	42.3
39-40	0.001746	96,827	169	96,743	4,006,275	41.4
40-41	0.001883	96,658	182	96,567	3,909,532	40.4
41-42	0.002037	96,476	197	96,378	3,812,965	39.5
42-43	0.002210	96,280	213	96,173	3,716,587	38.6
43-44	0.002410	96,067	232	95,951	3,620,414	37.7
44-45	0.002640	95,835	253	95,709	3,524,463	36.8
45-46	0.002885	95,582	276	95,444	3,428,754	35.9
46-47	0.003152	95,307	300	95,156	3,333,310	35.0
47-48	0.003469	95,006	330	94,841	3,238,153	34.1
48-49	0.003839	94,677	363	94,495	3,143,312	33.2
49-50	0.004244	94,313	400	94,113	3,048,817	32.3
50-51	0.004659	93,913	438	93,694	2,954,704	31.5
51-52	0.005076	93,475	475	93,238	2,861,010	30.6
52-53	0.005509	93,001	512	92,744	2,767,773	29.8
53-54	0.005968	92,488	552	92,212	2,675,028	28.9
54-55	0.006457	91,936	594	91,640	2,582,816	28.1
55-56	0.006973	91,343	637	91,024	2,491,176	27.3
56-57	0.007512	90,706	681	90,365	2,400,152	26.5
57-58	0.008081	90,024	727	89,661	2,309,787	25.7
58-59	0.008684	89,297	775	88,909	2,220,126	24.9
59-60	0.009325	88,521	825	88,109	2,131,217	24.1
60-61	0.010033	87,696	880	87,256	2,043,108	23.3

See footnote at end of table.

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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	0.010789	86,816	937	86,348	1,955,852	22.5
62–63	0.011538	85,880	991	85,384	1,869,504	21.8
63–64	0.012255	84,889	1,040	84,368	1,784,120	21.0
64–65	0.012971	83,848	1,088	83,304	1,699,752	20.3
65–66	0.013745	82,761	1,138	82,192	1,616,447	19.5
66–67	0.014651	81,623	1,196	81,025	1,534,255	18.8
67–68	0.015737	80,427	1,266	79,794	1,453,230	18.1
68–69	0.017036	79,162	1,349	78,487	1,373,436	17.3
69–70	0.018492	77,813	1,439	77,094	1,294,949	16.6
70–71	0.020134	76,374	1,538	75,605	1,217,855	15.9
71–72	0.021882	74,836	1,638	74,018	1,142,250	15.3
72–73	0.023697	73,199	1,735	72,331	1,068,232	14.6
73–74	0.025673	71,464	1,835	70,547	995,901	13.9
74–75	0.027945	69,629	1,946	68,657	925,354	13.3
75–76	0.030111	67,684	2,038	66,665	856,697	12.7
76–77	0.032545	65,646	2,136	64,577	790,033	12.0
77–78	0.035669	63,509	2,265	62,377	725,455	11.4
78–79	0.039227	61,244	2,402	60,043	663,079	10.8
79–80	0.043565	58,842	2,563	57,560	603,036	10.2
80–81	0.048676	56,278	2,739	54,908	545,476	9.7
81–82	0.053053	53,539	2,840	52,118	490,568	9.2
82–83	0.058034	50,698	2,942	49,227	438,449	8.6
83–84	0.064057	47,756	3,059	46,226	389,222	8.2
84–85	0.071260	44,697	3,185	43,104	342,996	7.7
85–86	0.078341	41,512	3,252	39,886	299,891	7.2
86–87	0.086023	38,260	3,291	36,614	260,005	6.8
87–88	0.094338	34,969	3,299	33,319	223,391	6.4
88–89	0.103313	31,670	3,272	30,034	190,072	6.0
89–90	0.112974	28,398	3,208	26,794	160,038	5.6
90–91	0.123341	25,190	3,107	23,636	133,245	5.3
91–92	0.134427	22,083	2,969	20,598	109,609	5.0
92–93	0.146242	19,114	2,795	17,716	89,010	4.7
93–94	0.158786	16,319	2,591	15,023	71,294	4.4
94–95	0.172050	13,728	2,362	12,547	56,271	4.1
95–96	0.186016	11,366	2,114	10,309	43,724	3.8
96–97	0.200656	9,252	1,856	8,323	33,415	3.6
97–98	0.215931	7,395	1,597	6,597	25,092	3.4
98–99	0.231789	5,798	1,344	5,126	18,495	3.2
99–100	0.248172	4,454	1,105	3,902	13,369	3.0
100 and over	1.000000	3,349	3,349	9,467	9,467	2.8

SOURCE: NCHS, National Vital Statistics System, Mortality.