

Elo, Irma T.: New African American Life Tables from 1935-1940 to 1985-1990; *Demography*, Vol. 38, No. 1 (Feb., 2001), published by Population Association of America, p. 97-114.



## New African American Life Tables from 1935-1940 to 1985-1990

Irma T. Elo

*Demography*, Vol. 38, No. 1. (Feb., 2001), pp. 97-114.

Stable URL:

<http://links.jstor.org/sici?sici=0070-3370%28200102%2938%3A1%3C97%3ANAALTF%3E2.0.CO%3B2-A>

*Demography* is currently published by Population Association of America.

---

Your use of the JSTOR archive indicates your acceptance of JSTOR's Terms and Conditions of Use, available at <http://www.jstor.org/about/terms.html>. JSTOR's Terms and Conditions of Use provides, in part, that unless you have obtained prior permission, you may not download an entire issue of a journal or multiple copies of articles, and you may use content in the JSTOR archive only for your personal, non-commercial use.

Please contact the publisher regarding any further use of this work. Publisher contact information may be obtained at <http://www.jstor.org/journals/paa.html>.

Each copy of any part of a JSTOR transmission must contain the same copyright notice that appears on the screen or printed page of such transmission.

---

The JSTOR Archive is a trusted digital repository providing for long-term preservation and access to leading academic journals and scholarly literature from around the world. The Archive is supported by libraries, scholarly societies, publishers, and foundations. It is an initiative of JSTOR, a not-for-profit organization with a mission to help the scholarly community take advantage of advances in technology. For more information regarding JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

APPENDIX TABLE A1. LIFE TABLES, AFRICAN AMERICAN FEMALES: 1935-1940 TO 1945-1950

Age	1935-1940			1940-1945			1945-1950		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.07435	100,000	54.33	0.06148	100,000	58.10	0.04475	100,000	62.25
1	0.00487	92,952	57.43	0.00351	94,131	60.71	0.00216	95,683	64.06
5	0.00152	91,164	54.53	0.00115	92,821	57.54	0.00085	94,861	60.60
10	0.00173	90,474	49.92	0.00126	92,289	52.86	0.00089	94,459	55.85
15	0.00469	89,694	45.34	0.00335	91,710	48.18	0.00211	94,040	51.08
20	0.00694	87,613	41.35	0.00502	90,185	43.95	0.00344	93,052	46.60
25	0.00794	84,623	37.72	0.00561	87,948	40.00	0.00408	91,465	42.36
30	0.00832	81,328	34.14	0.00681	85,515	36.06	0.00504	89,617	38.18
35	0.01140	78,012	30.48	0.00869	82,650	32.22	0.00708	87,386	34.09
40	0.01312	73,685	27.12	0.01178	79,133	28.54	0.00897	84,344	30.22
45	0.01613	69,002	23.79	0.01347	74,601	25.12	0.01267	80,641	26.49
50	0.02261	63,646	20.58	0.01947	69,736	21.69	0.01636	75,683	23.06
55	0.02612	56,828	17.74	0.02268	63,254	18.65	0.01955	69,730	19.81
60	0.03457	49,856	14.86	0.03038	56,459	15.59	0.02657	63,224	16.58
65	0.05353	41,904	12.20	0.04976	48,466	12.73	0.04374	55,326	13.58
70	0.06850	31,998	10.19	0.06213	37,720	10.63	0.05520	44,392	11.29
75	0.08039	22,672	8.37	0.07824	27,597	8.63	0.06994	33,635	9.10
80	0.10299	15,126	6.35	0.09804	18,607	6.62	0.09461	23,643	6.91
85	0.22502	8,932	4.01	0.20643	11,283	4.30	0.18765	14,592	4.64
90	0.31398	2,712	3.03	0.29080	3,809	3.24	0.26692	5,477	3.48
95	0.40965	530	2.37	0.38335	840	2.51	0.35568	1,371	2.70
100	0.54952	63	1.82	0.52471	113	1.91	0.48239	213	2.07

APPENDIX TABLE A2. LIFE TABLES, AFRICAN AMERICAN FEMALES: 1950-1955 TO 1955-1960

Age	1950-1955			1955-1960		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.04125	100,000	64.76	0.04109	100,000	66.28
1	0.00192	96,012	66.44	0.00168	96,027	68.01
5	0.00066	95,278	62.94	0.00058	95,384	64.46
10	0.00056	94,964	58.14	0.00044	95,108	59.64
15	0.00128	94,698	53.29	0.00085	94,899	54.77
20	0.00201	94,094	48.62	0.00144	94,496	49.99
25	0.00272	93,153	44.08	0.00212	93,818	45.33
30	0.00387	91,894	39.65	0.00328	92,829	40.78
35	0.00560	90,132	35.37	0.00478	91,318	36.41
40	0.00786	87,641	31.30	0.00663	89,160	32.23
45	0.00982	84,261	27.46	0.00912	86,250	28.23
50	0.01591	80,218	23.71	0.01250	82,401	24.43
55	0.01756	74,072	20.46	0.01801	77,400	20.84
60	0.02378	67,837	17.11	0.02301	70,720	17.56
65	0.04080	60,202	13.94	0.03817	63,008	14.39
70	0.05464	49,021	11.53	0.05081	51,998	11.89
75	0.06688	37,244	9.39	0.06453	40,275	9.62
80	0.09067	26,595	7.17	0.08818	29,097	7.36
85	0.17490	16,758	4.90	0.16533	18,576	5.11
90	0.25045	6,747	3.68	0.23794	7,883	3.84
95	0.33624	1,843	2.84	0.32129	2,300	2.96
100	0.45694	317	2.19	0.43869	428	2.28

APPENDIX TABLE A3. LIFE TABLES, AFRICAN AMERICAN FEMALES: 1960-1965 TO 1970-1975

Age	1960-1965			1965-1970			1970-1975		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.03937	100,000	66.96	0.03500	100,000	67.75	0.02687	100,000	69.62
1	0.00155	96,188	68.61	0.00135	96,601	69.13	0.00103	97,374	70.50
5	0.00054	95,594	65.03	0.00049	96,081	65.49	0.00041	96,974	66.78
10	0.00041	95,337	60.20	0.00040	95,846	60.65	0.00037	96,776	61.92
15	0.00077	95,141	55.31	0.00081	95,654	55.77	0.00078	96,597	57.03
20	0.00125	94,776	50.52	0.00128	95,268	50.98	0.00130	96,221	52.24
25	0.00196	94,185	45.82	0.00183	94,660	46.29	0.00166	95,597	47.56
30	0.00304	93,266	41.24	0.00292	93,797	41.69	0.00250	94,807	42.94
35	0.00462	91,859	36.83	0.00454	92,437	37.27	0.00380	93,629	38.44
40	0.00644	89,759	32.63	0.00637	90,361	33.06	0.00575	91,865	34.13
45	0.00820	86,913	28.62	0.00855	87,526	29.05	0.00769	89,260	30.05
50	0.01188	83,418	24.71	0.01093	83,860	25.20	0.01039	85,890	26.12
55	0.01495	78,600	21.06	0.01472	79,394	21.48	0.01278	81,537	22.38
60	0.02622	72,926	17.49	0.02135	73,750	17.92	0.01978	76,481	18.69
65	0.03675	63,924	14.59	0.04019	66,251	14.65	0.03110	69,254	15.36
70	0.04964	53,146	12.03	0.04772	54,116	12.35	0.05146	59,223	12.52
75	0.06275	41,407	9.73	0.05921	42,589	10.02	0.05671	45,711	10.47
80	0.08912	30,183	7.42	0.08429	31,609	7.64	0.07501	34,381	8.12
85	0.16027	19,176	5.23	0.15466	20,587	5.38	0.14297	23,498	5.70
90	0.23128	8,372	3.93	0.22384	9,256	4.04	0.20821	11,233	4.28
95	0.31325	2,531	3.03	0.30421	2,910	3.11	0.28504	3,836	3.29
100	0.42879	492	2.33	0.41802	593	2.39	0.39722	866	2.52

APPENDIX TABLE A4. LIFE TABLES, AFRICAN AMERICAN FEMALES: 1975-1980 TO 1985-1990

Age	1975-1980			1980-1985			1985-1990		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.02196	100,000	72.15	0.01807	100,000	73.30	0.01648	100,000	73.85
1	0.00082	97,846	72.74	0.00071	98,222	73.63	0.00066	98,376	74.07
5	0.00034	97,526	68.97	0.00029	97,943	69.83	0.00028	98,117	70.26
10	0.00028	97,360	64.09	0.00026	97,801	64.93	0.00025	97,980	65.35
15	0.00057	97,224	59.17	0.00047	97,674	60.01	0.00049	97,857	60.43
20	0.00098	96,947	54.34	0.00080	97,445	55.15	0.00083	97,618	55.57
25	0.00131	96,473	49.59	0.00114	97,056	50.36	0.00120	97,213	50.79
30	0.00173	95,843	44.90	0.00159	96,504	45.63	0.00181	96,632	46.08
35	0.00273	95,017	40.27	0.00226	95,740	40.97	0.00247	95,761	41.48
40	0.00423	93,729	35.78	0.00356	94,664	36.41	0.00337	94,585	36.96
45	0.00617	91,766	31.49	0.00526	92,993	32.01	0.00490	93,004	32.55
50	0.00870	88,975	27.40	0.00772	90,577	27.80	0.00711	90,751	28.29
55	0.01177	85,184	23.50	0.01136	87,143	23.79	0.01028	87,578	24.22
60	0.01668	80,308	19.77	0.01675	82,323	20.03	0.01672	83,183	20.36
65	0.02722	73,864	16.26	0.02526	75,691	16.55	0.02549	76,491	16.91
70	0.03854	64,423	13.26	0.03779	66,674	13.44	0.03494	67,304	13.86
75	0.06206	53,063	10.54	0.05593	55,129	10.71	0.05681	56,458	11.02
80	0.07310	38,806	8.50	0.08151	41,574	8.37	0.07162	42,394	8.84
85	0.12790	26,815	6.18	0.12238	27,505	6.37	0.11646	29,518	6.60
90	0.18777	13,909	4.66	0.18020	14,725	4.81	0.17203	16,277	4.99
95	0.25952	5,291	3.56	0.24995	5,829	3.68	0.23955	6,726	3.82
100	0.36546	1,370	2.74	0.35231	1,588	2.84	0.34113	1,938	2.93

APPENDIX TABLE A5. LIFE TABLES, AFRICAN AMERICAN MALES: 1935-1940 TO 1945-1950

Age	1935-1940			1940-1945			1945-1950		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.09252	100,000	51.60	0.07609	100,000	55.43	0.05563	100,000	59.13
1	0.00565	91,317	55.48	0.00397	92,802	58.71	0.00251	94,675	61.44
5	0.00176	89,283	52.71	0.00133	91,343	55.63	0.00100	93,731	58.05
10	0.00190	88,501	48.16	0.00154	90,738	50.98	0.00113	93,263	53.33
15	0.00403	87,664	43.59	0.00316	90,042	46.36	0.00229	92,738	48.61
20	0.00649	85,913	39.42	0.00469	88,629	42.05	0.00363	91,681	44.14
25	0.00802	83,168	35.64	0.00556	86,574	37.99	0.00438	90,032	39.90
30	0.00906	79,897	31.99	0.00692	84,199	33.99	0.00524	88,081	35.73
35	0.01244	76,355	28.36	0.00901	81,334	30.09	0.00731	85,802	31.61
40	0.01513	71,745	25.01	0.01246	77,747	26.36	0.00987	82,719	27.69
45	0.02010	66,510	21.78	0.01713	73,044	22.89	0.01527	78,730	23.96
50	0.02733	60,136	18.82	0.02377	67,035	19.71	0.02125	72,929	20.66
55	0.03214	52,436	16.21	0.02834	59,505	16.88	0.02668	65,561	17.69
60	0.03823	44,635	13.60	0.03561	51,626	14.07	0.03240	57,355	14.86
65	0.06290	36,831	10.94	0.05877	43,164	11.33	0.05365	48,740	12.03
70	0.08028	26,809	9.09	0.07608	32,085	9.36	0.06722	37,190	9.98
75	0.10382	17,884	7.40	0.10115	21,860	7.59	0.09357	26,503	8.00
80	0.12264	10,590	5.87	0.11873	13,119	6.06	0.11067	16,523	6.38
85	0.23390	5,660	3.88	0.21846	7,161	4.10	0.20213	9,405	4.36
90	0.32627	1,651	2.92	0.30718	2,279	3.08	0.28665	3,274	3.27
95	0.42960	302	2.27	0.40812	460	2.38	0.38460	737	2.51
100	0.56232	32	1.78	0.55251	54	1.81	0.52790	98	1.89

APPENDIX TABLE A6. LIFE TABLES, AFRICAN AMERICAN MALES: 1950-1955 TO 1955-1960

Age	1950-1955			1955-1960		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.05116	100,000	60.72	0.05065	100,000	61.82
1	0.00228	95,089	62.85	0.00192	95,136	63.98
5	0.00082	94,227	59.41	0.00071	94,409	60.46
10	0.00089	93,841	54.64	0.00076	94,075	55.66
15	0.00182	93,425	49.88	0.00152	93,718	50.87
20	0.00281	92,578	45.31	0.00244	93,008	46.23
25	0.00363	91,286	40.91	0.00310	91,880	41.77
30	0.00448	89,643	36.61	0.00407	90,466	37.38
35	0.00613	87,657	32.38	0.00552	88,643	33.09
40	0.00880	85,008	28.31	0.00782	86,228	28.95
45	0.01203	81,345	24.47	0.01148	82,918	25.00
50	0.02012	76,587	20.82	0.01599	78,285	21.32
55	0.02532	69,235	17.76	0.02465	72,255	17.88
60	0.03263	60,982	14.81	0.03221	63,848	14.90
65	0.05370	51,759	11.99	0.05422	54,304	12.06
70	0.06893	39,481	9.93	0.06786	41,313	10.05
75	0.09199	27,895	8.03	0.09211	29,350	8.14
80	0.11456	17,530	6.35	0.10975	18,438	6.53
85	0.19623	9,780	4.46	0.18893	10,552	4.60
90	0.27914	3,526	3.34	0.26979	3,956	3.44
95	0.37587	826	2.56	0.36492	973	2.63
100	0.51762	115	1.93	0.50912	143	1.96

APPENDIX TABLE A7. LIFE TABLES, AFRICAN AMERICAN MALES: 1960-1965 TO 1970-1975

Age	1960-1965			1965-1970			1970-1975		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.04909	100,000	61.78	0.04294	100,000	61.14	0.03308	100,000	62.01
1	0.00179	95,281	63.83	0.00161	95,855	62.77	0.00123	96,784	63.06
5	0.00066	94,602	60.27	0.00067	95,240	59.17	0.00061	96,309	59.37
10	0.00070	94,291	55.46	0.00067	94,922	54.36	0.00063	96,016	54.54
15	0.00150	93,961	50.65	0.00195	94,604	49.53	0.00197	95,714	49.71
20	0.00242	93,259	46.01	0.00315	93,686	44.99	0.00373	94,775	45.17
25	0.00302	92,137	41.54	0.00380	92,221	40.66	0.00413	93,023	40.97
30	0.00404	90,755	37.13	0.00478	90,485	36.39	0.00504	91,121	36.77
35	0.00587	88,940	32.84	0.00670	88,347	32.21	0.00652	88,853	32.64
40	0.00831	86,365	28.74	0.00947	85,434	28.22	0.00916	86,000	28.64
45	0.01130	82,846	24.85	0.01298	81,478	24.46	0.01274	82,146	24.86
50	0.01661	78,288	21.14	0.01697	76,350	20.93	0.01722	77,068	21.33
55	0.02176	72,035	17.75	0.02424	70,125	17.56	0.02219	70,698	18.02
60	0.03476	64,585	14.49	0.03203	62,097	14.50	0.03258	63,253	14.83
65	0.05632	54,216	11.76	0.05699	52,859	11.57	0.04779	53,698	12.01
70	0.07213	40,810	9.80	0.07636	39,634	9.58	0.07422	42,201	9.58
75	0.09278	28,376	8.01	0.09567	26,969	7.93	0.10217	28,988	7.81
80	0.11601	17,766	6.36	0.11340	16,651	6.36	0.11047	17,316	6.48
85	0.19182	9,842	4.54	0.19711	9,351	4.45	0.19221	9,885	4.54
90	0.27351	3,640	3.40	0.28027	3,353	3.33	0.27401	3,640	3.40
95	0.36929	878	2.60	0.37718	780	2.55	0.36988	876	2.60
100	0.51881	126	1.93	0.52044	108	1.92	0.51213	126	1.95

APPENDIX TABLE A8. LIFE TABLES, AFRICAN AMERICAN MALES: 1975-1980 TO 1985-1990

Age	1975-1980			1980-1985			1985-1990		
	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$	${}_nM_x$	$l_x$	$e_x$
0	0.02656	100,000	64.29	0.02169	100,000	65.78	0.01987	100,000	65.92
1	0.00100	97,405	65.00	0.00089	97,872	66.20	0.00082	98,048	66.23
5	0.00051	97,016	61.25	0.00041	97,525	62.43	0.00039	97,727	62.44
10	0.00052	96,769	56.40	0.00043	97,325	57.56	0.00043	97,537	57.56
15	0.00141	96,518	51.54	0.00122	97,116	52.68	0.00153	97,327	52.68
20	0.00266	95,839	46.89	0.00223	96,525	47.98	0.00249	96,585	48.06
25	0.00343	94,573	42.48	0.00283	95,454	43.49	0.00301	95,390	43.63
30	0.00393	92,964	38.17	0.00367	94,113	39.07	0.00414	93,964	39.25
35	0.00521	91,155	33.88	0.00454	92,401	34.75	0.00549	92,038	35.02
40	0.00753	88,809	29.70	0.00647	90,326	30.49	0.00672	89,545	30.92
45	0.01094	85,524	25.74	0.00963	87,448	26.40	0.00923	86,584	26.89
50	0.01559	80,964	22.04	0.01371	83,331	22.58	0.01299	82,674	23.04
55	0.02185	74,879	18.62	0.02057	77,798	18.99	0.01875	77,465	19.41
60	0.02905	67,109	15.48	0.02973	70,171	15.78	0.02834	70,513	16.07
65	0.04604	57,998	12.50	0.04255	60,437	12.90	0.04360	61,153	13.13
70	0.05938	45,999	10.10	0.05994	48,790	10.37	0.05582	49,108	10.72
75	0.09853	34,086	7.74	0.08783	36,056	8.14	0.09074	37,059	8.38
80	0.12909	20,658	6.18	0.12769	23,096	6.31	0.10862	23,405	6.84
85	0.18214	10,714	4.73	0.17284	12,052	4.92	0.16513	13,494	5.10
90	0.26103	4,200	3.54	0.24893	4,968	3.69	0.23881	5,771	3.81
95	0.35457	1,082	2.70	0.34013	1,365	2.81	0.32792	1,673	2.90
100	0.48986	168	2.04	0.46582	229	2.15	0.45280	299	2.21