





Date: 19 May 2016, At: 22:53

ISSN: 0161-5440 (Print) 1940-1906 (Online) Journal homepage: http://www.tandfonline.com/loi/vhim20

Estimated Life Tables for the United States, 1850–1910

Michael R. Haines

To cite this article: Michael R. Haines (1998) Estimated Life Tables for the United States, 1850–1910, Historical Methods: A Journal of Quantitative and Interdisciplinary History, 31:4, 149-169, DOI: 10.1080/01615449809601197

To link to this article: http://dx.doi.org/10.1080/01615449809601197



Full Terms & Conditions of access and use can be found at http://www.tandfonline.com/action/journalInformation?journalCode=vhim20

Estimated Life Tables for the United States, 1850–1910

Michael R. Haines

Department of Economics Colgate University

ortality in the United States before the early part of the twentieth century remains a controversial topic. Unlike the measurement of fertility, for which the federal decennial censuses after 1800 provide some evidence of the fertility transition using child-woman ratios (e.g., Yasuba 1962; Forster and Tucker 1972; Schapiro 1986), no comparable source exists for mortality. Vital registration was left to the states, and Massachusetts was the first to institute a statewide system of vital statistics collection in 1842. The data in Massachusetts were of good quality by the middle 1850s (Gutman 1956). But other states were slow to follow suit. When the first permanent national Death Registration Area (DRA) was established in 1900, it comprised only ten states and the District of Columbia.1 The DRA contained merely 26 percent of the nation's population, was more urban (62.9 percent) than the national average (39.7 percent), had relatively few blacks (only 4.4 percent of the national total), and had more foreign born (22.4 percent) than the nation overall (13.6 percent). The first life tables for the DRA were produced for 1900-1902 and 1909-11 (for the DRA of 1900) (Glover 1921), but the entire nation was not covered until 1933.

This lack of information has prompted considerable speculation about levels and trends in American mortality in the nineteenth century. For instance, Ansley Coale and M. Zelnik (1963) assumed a smooth decline in mortality from the level found in the Jacobson (1957) life table for Massachusetts and Maryland for 1850.² Conrad Taeuber and Irene Taeuber (1958, 264) assumed virtually no change in mortality before ca. 1850; Warren Thompson and P. K. Whelpton (1933, 230) projected a rather steady decline over the course of the century, although they saw an acceleration after ca. 1880. Arguing from first principles, Richard Easterlin (1977) believed that increasing income per capita offset the negative effects of rising urbanization and the influx of the foreign born, and that mortality declined from at least ca. 1840.

Other work has clarified the picture a bit. Edward Meeker (1972) believed that mortality improved little before 1880 and may actually have worsened. He saw a decline in death rates from approximately 1880 partly as a consequence of advances in public health and sanitation. This result was supported by R. Higgs (1973), who believed that rural death rates declined only from about the 1870s. This accords with earlier work by Simon Kuznets (1958), who also saw a sustained mortality transition only after 1870. Gretchen Condran and Eileen Crimmins (1980), using available mortality data reported in the censuses of 1890 and 1900, found strong evidence of mortality reduction in the 1890s in both rural and urban areas.

There is also substantial evidence now that mortality was actually deteriorating earlier in the nineteenth century. Important recent work by Robert W. Fogel (1986, 1993) and Clayne Pope (1992) has used large genealogical samples to derive both cohort and period life tables from the eighteenth century onward. Those results point to declining expectation of life at age 20 (e_{20}) between the 1830s and the 1850s (Pope 1992, table 9.4). Unfortunately, these data do not permit reliable estimates of infant and child mortality. Additional evidence has come from research on human stature (e.g., Komlos 1987, 1994, 1996; Steckel 1992, 1995), which has shown that heights of adult males was deteriorating for cohorts born between the 1830s and the 1880s. This was true for West Point cadets, Union Army recruits, Ohio National Guardsmen, free blacks in Maryland, Amherst College students, and Georgia convicts (Komlos 1996). These results are consistent with a worsening disease environment, although poorer diets and rising inequality in this period also played a role. Crude death rates in several large American cities (New York City, Baltimore, Philadelphia, New Orleans, Boston, all of which had adequate vital statistics) were either worsening or at least did not improve before the Civil War (Haines forthcoming). Variability in mortality was also considerably higher earlier in the centu-

ry, reflecting a variety of serious epidemics (cholera, typhoid, yellow fever). Figure 1 presents the crude death rate for New York City from 1804 to 1900 (based on data from Rosenwaike [1972, table A-1]).

A summary of the available evidence on mortality in the United States from the early nineteenth century appears in table 1. It presents childhood mortality in the form of q(1), q(2), and q(5) values, that is, the probability of dying before reaching ages 1, 2, and 5, respectively. The q(1) value multiplied by 1,000 is also the more familiar infant mortality rate. Also provided are expectations of life at birth (e_0) and at ages 10 and 20 $(e_{10}$ and $e_{20})$. From these data, it appears that little improvement occurred in either child mortality or in expectation of life before ca. 1880. Thereafter began the sustained modern mortality transition in the United States. Furthermore, before the late nineteenth century, considerable variation in mortality existed, as well as substantial rural-urban differences, with larger cities having had a considerable mortality disadvantage.

Methods and Procedures

This article presents a series of abridged life tables derived from earlier work by the author and Samuel H. Preston (Haines 1979; Preston and Haines 1991, chap. 2; Haines and Preston 1997). The first article (Haines 1979) employed existing historical life tables of reasonable quality and census mortality data for ages 5–19 to fit two types of model life tables for the period 1850–1900. One of the main findings was that sustained, irreversible mortality

decline began only from about 1880. Preston and Haines (1991) used data from the Public Use Microdata Sample (PUMS) of the 1900 U.S. federal census to make indirect estimates of infant and child mortality for the entire nation. They used the information on children ever born and children surviving, as well as the age structure of surviving children, by age and marriage duration of mother (United Nations 1983, chap. 3; Preston and Palloni 1978). These results indicate that the DRA life tables for 1900-1902 overestimated the child mortality of the white population by a modest amount and substantially overestimated the mortality of black children. The overestimation appears to be caused by the more urban nature of the DRA, especially for blacks. 4 A similar analysis has been conducted with the PUMS of the 1910 United States census (Haines and Preston 1997) and is also included here.

Even though the substantive issues still remain partly unresolved, these tables provide a superior picture of the mortality situation in the United States from 1850 to 1910. In addition, these tables can be of assistance in the following ways: estimating own-children fertility and census-survival migration, calculating probabilities for finding certain family structures in the census, and making estimates of working life.

Summary measures from the three sets of life tables are provided in table 2 $(q(1), e_0, e_{10}, l_5, and_{40}q_{20})$. The abridged life tables themselves are given in appendix A. The first set of tables was estimated in Haines (1979) using a Brass (1975) two-parameter logit model fitted to available American life tables of reasonable quality for the period

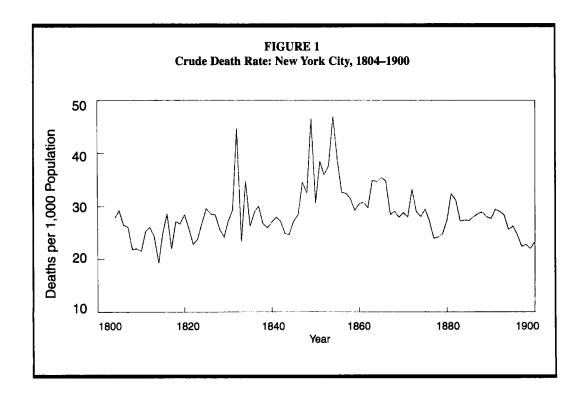


TABLE 1										
Child Mortality and Expectations of Life: United States (1830-1941)										

				Ch	ild Mortalit	y ^a			
Source	Region	Period	Sex	q(1)	q(2)	q(5)	\mathbf{e}_0	e ₁₀	e ₂₀
Jaffe & Lourie [1942]	44 New England Towns	1826–35	Total					51.0	42.9
	Salem, MA & New Haven, CT	1826-35	Total					46.0	37.8
	Boston, New York City, & Philadelphia	1826–35	Total					35.9	28.0
	Estimated U.S.	1826-35	Total					49.8	41.7
Jacobson [1957]	Massachusetts-Maryland, White	1850	Male	.16064	.21394	.27245	40.4	47.8	40.1
	,,		Female	.13079	.18262	.24122	43.0	48.6	41.7
Meech [1898]	United States, Whites	1830-60	Male	.16195	.21569	.27468	41.0	48.4	40.9
	omitte office, mines	1000 00	Female	.13430	.18752	.24769	42.9	48.8	41.4
Haines	Rochester, NY	1838-42	Male	.12727	.10/52	.29258	40.2	46.0	38.0
i iumos	Rochester, 141	1030-42	Female	.11340		.22919			
		1052 57					41.8	46.3	38.7
		1853–57	Male	.14534		.23457	43.9	48.7	40.6
IZ J. [1062]	M 1	1050	Female	.11883		.19973	47.0	49.9	42.1
Kennedy [1853]	Massachusetts	1850	Male				38.3	48.0	40.1
			Female				40.5	47.2	40.2
Elliot [1857]	Massachusetts (166 towns)	1855	Total	.15510	.22670	.28540	39.8	47.1	39.9
Haines	Massachusetts	1855-56	Total	.12994		.24262	44.2	49.8	42.2
Haines	Massachusetts	1859-61	Male	.14246		.24846	43.5	49.6	41.9
			Female	.13643		.22466	45.1	52.8	42.4
Vinovskis [1972]	Massachusetts	1859-61	Male			.22646	46.4	51.6	44.0
			Female			.19193	47.3	50.1	43.0
Haines [1977]	Seven New York Counties	1850-65	Male	.14655	.18067	.21268	45.9	49.2	15.0
	bevon New York Countries	1050 05	Female	.12389	.15821	.19105	48.9	51.4	
Unings [1070]	United States [ILS Model]	1050	Total	.13549	.16972	.20213	47.4	50.3	20.4
Haines [1979]	United States [U.S. Model]	1850	Male	.24092	.28396	.32195	37.2	46.2	38.4
		1010	Female	.21712	.25937	.29845	39.4	47.5	39.8
		1860	Male	.20210	.23979	.27361	41.6	48.3	40.3
			Female	.19153	.23041	.26684	42.1	48.7	40.9
		1870	Male	.19210	.22788	.26007	43.0	49.2	41.1
			Female	.17724	.21234	.24531	44.9	50.6	42.6
		1880	Male	.22015	.25997	.29538	39.7	47.5	39.6
			Female	.22980	.27175	.31019	39.1	48.0	40.3
		1890	Male	.16334	.19744	.22875	44.8	49.1	41.0
		.0,0	Female	.15765	.19232	.22546	45.6	50.0	41.9
		1900	Male	.13356	.16480	.21252	47.1	49.4	41.1
		1900	Female						
	United States Whites III S. Madell	1050		.12476	.15572	.18611	48.4	50.5	42.3
	United States, Whites [U.S. Model]	1850	Male	.22829	.26997	.30697	38.4	46.6	38.8
		1070	Female	.20596	.24684	.28486	40.6	51.4	43.9
		1860	Male	.18774	.22351	.25579	43.2	49.1	41.0
			Female	.17515	.21158	.24598	44.1	49.6	41.7
		1870	Male	.18513	.21955	.25056	44.1	49.9	41.8
			Female	.16633	.19968	.23114	46.4	51.4	43.3
		1880	Male	.21436	.25326	.28794	40.4	47.9	40.0
			Female	.21526	.25553	.29268	40.6	48.6	40.9
		1890	Male	.15675	.18926	.21914	46.0	50.0	41.7
		-	Female	.14490	.17722	.20829	47.4	51.0	42.8
		1900	Male	.12784	.15730	.18497	48.5	50.4	42.0
		.,.,	Female	.11206	.14012	.16781	50.7	51.9	43.5
Fogel [1986]	United States	1850-60	Male	.11200	.17012	.10/01	50.7		43.3
Pope [1992]	United States [Genealogies]							46.7	42.2
t ope [1774]	Omica praies [Ochealogies]	1820–29	Male						43.3
		1020 20	Female						44.9
		1830–39	Male						44.6
			Female						44.6
		1840-49	Male						41.5
			Female						37.1
		1850-59	Male						40.8
			Female						39.5
		1860-69	Male						41.2
			Female						42.2
		1870-79	Male						44.3
		.010-17	Female						42.2
		1880-89	Male						
		1000-07							45.8 42.9
			Female						

		TABLE Continu							
				C	hild Mortal	ity ^a			
Source	Region	Period	Sex	q(1)	q(2)	q(5)	\mathbf{e}_{0}	e ₁₀	e ₂₀
Haines	Massachusetts	1864–66	Male	.16002	.22431	.28639	38.4	45.8	38.7
Haines	Massachusetts	1869–71	Female Male	.14267 .1667 5	.20352 .21849	.26706 .26214	41.6 42.6	48.7 49.3	41.8 41.5
Haines	Massachusetts	1874-76	Female Male	.16090 .1 79 41	.19413 .24772	.23881 .29812	44.4 40.0	49.8 48.9	42.5 41.3
Haines	Massachusetts	1879-81	Female Male	.15449 .17086	.21967 .22341	.270 50 .2771 2	41.8 41.7	49.4 49.5	42.2 41.6
Billings [1886]	Massachusetts	1878-82	Female Male	.16535 .18080	.19633 .23250	.25045 .28342	43.3 41.7	49.6 49.9	42.3 42.2
Billings [1886]	New Jersey	1879–80	Female Male	.15257 .15153	.20245 .19398	.25408 .24132	43.5 45.6	50.0 51.6	42.8 43.3
Haines	Massachusetts	1884–86	Female Male	.13121 .1 6923	.16939 .22925	.21217 .27210	48.0 41.9	52.5 49.0	44.5 41.1
Haines	Massachusetts	1889-91	Female Male	.14507	.20531	.24668	43.9 41.8	49.8	42.2 41.1
			Female	.14957	.20973	.24613	44.0	49.0 49.9	42.2
Glover [1921]	Massachusetts	1890	Male Female	.16777 .1 4755	.20851 .18738	.253 22 .23415	42.5 44.5	48.4 49.6	40.7 42.0
Abbott [1898]	Massachusetts	1 89 3–97	Male Female	.17233 .14699	.20726 .18115	.24234 .21593	44.1 46.6	49.3 50.7	41.2 42.8
Haines	Massachusetts	1893-97	Male Female	.17466 .14660	.23913 .21036	.27331 .24417	42.1 44.8	49.2 50.6	41.0 42.7
Glover [1921]	DRA, Total	1900-02	Male	.13574	.16614	.19452	47.9	50.4	42.0
	BB . 445		Female Total	.11267 .12448	.14092 .15383	.16881 .18196	50.7 49.2	51.9 51.1	43.6 42.8
	DRA, Whites	190002	Male Female	.133 45 .11061	.16331 .13832	.19136 .16574	48.2 51.1	50.6 52.2	42.2 43.8
	DRA, Blacks	1900-02	Male Female	.25326 .21475	.31098 .26990	.3 5615 .31944	32.5 35.0	41.9 43.0	35.1 36.9
	DRA, Urban Whites	1900-02	Male Female	.15097 .12545	.18683 .1 5 883	.221 2 8 .19195	44.0 47.9	47.5 50 .3	39.1 41.9
	DRA, Rural Whites	1900-02	Male Female	.10900 .08979	.13065 .10967	.15043 .12983	54.0 55.4	54.4 54.4	46.0 46.1
Preston/Haines [1991]	U.S., Total	1895/00	Male	.12973	.15836	.18522	49.7	50.6	42.1
			Female Total	.11029 .1 2047	.13930 .14906	.16706 . 17636	5 1.6 50 .1	52.8 51.6	44.5 43.3
	U.S., Whites	1895/00	Male Female	.11988 .10120	.14569 .12702	.16990 .15174	50.4 53.4	51.4 53.7	42.9 45.3
	U.S., Blacks	1895/00	Male Female	.18346 .15657	.22656 .20040	.26698 .24234	40.4 43.3	46.2 48.3	38.3 40.7
Haines/Preston [1997]	U.S., Total	1905/10	Male Female	.11300 .09488	.13687 .11840	.15925 .14121	51.5 54. 7	52.0 54.4	43.4 45.9
	U.S., Whites	1005/10	Total	.10416	.12786	.14689	53.1	53.2	44.7
		1905/10	Male Female	.10497 .08757	.12660 .10846	.14689	53.0 56.2	52.8 55.3	44.1 46.7
	U.S., Blacks (West Model)	1905/10	Male Female	.1 5402 .13051	.19009 .16682	.22392 .201 5 7	44.7 47.7	48.5 50.8	40.4 42.8
	U.S., Blacks (Far Eastern Model)	1905/10	Male Female	.12714 .10946	.15555 ,13808	.18980 .17068	41.8 44.6	42.6 44.6	34.6 36.6
Glover [1921]	DRA, Total	1 9 09–11	Male Female	.12495 .10377	.15016 .12743	.17 2 82 .14883	49.9 53.2	51.1 53.3	42.5 44.7
	DRA, Whites	1 9 09–11	Total Male	.11462	.13908	.16113	51.5 50.2	52.2	43.5 42.7
	DRA, Blacks		Female	.10226	.12545	.14651	53.6	51.3 53.6	44.9
		1909-11	Male Female	.21935 .18507	.27155	.31411	34.0 37.7	40.6 42.8	33.5 36.1
	DRA, Urban Whites	1909–11	Male Female	.13380 .11123	.16247 .13831	.18815 .16266	47.3 51.4	49.1 52.2	40.5 43.5
	DRA, Rural Whites	1909–11	Male Female	.10326 .08497	. 12105 .10119	.13 777 .11 67 9	55.1 5 7.4	54.5 55.5	45.9 46.9
	DRA, Whites	1919–21	Male Female	.08025 .06392	.09815 .07757	.11158 .09279	56.3 58.5	54.2 55.2	45.6 46.5
	DRA, Blacks	1919–21	Male Female	.10501	.12782	.14805	47.1 46.9	46.0	38.4 37.2
	DRA, Whites	1929-31	Male	.06232	.07163	.08262	59.1	44.5 55.0	46.0
			Female	.04963	.05798	.06784	62.7	57.6	48.5

TABLE 1 Continued

				C	hild Mortal	ity ^a			
Source	Region	Period	Sex	q(1)	q(2)	q(5)	e ₀	e ₁₀	e ₂₀
Glover [1921]	DRA, Blacks	1929–31	Male	.08732	.10245	.11588	47.6	44.3	36.0
continued			Female	.07204	.08538	.09815	49.5	45.3	37.
	U.S., Total	1939-41	Male	.05238	.05762	.06376	61.6	56.1	46.
			Female Total	.04152	.04621	.05152	65.9	59.7	50.4
	U.S., Whites	1939-41	Total Male	.04710 .04812	.05206 .05276	.05780 .05850	63.6 62.8	57.8 57.0	48. 47.
	O.S., Wintes	1737-71	Female	.03789	.04204	.04691	67.3	60.8	51.
	U.S., Blacks	1939-41	Male	.08238	.09088	.09918	52.3	48.3	39.
	,		Female	.06584	.07328	.08094	55.6	50.8	42.
Selected Cities									
Haines	Suffolk Co., MA (Boston)	1855-56	Total	.17384		.34455	34.5	44.4	37.
Haines	Suffolk Co., MA (Boston)	1859-61	Male	.18027		.34388	36.3	44.4	36.
			Female	15940		.29495	39.1	46.8	39.
Haines	Suffolk Co., MA (Boston)	1864–66	Male	.19414	.28120	.35732	32.3	41.7	34.
IT-:	Coeffello Co. M.A. (Docume)	1074 74	Female	.19747	.28115	.35300	35.6	46.8	39.
Haines	Suffolk Co., MA (Boston)	1874–76	Male Female	.20041 .18387	.29428 .27161	.35731 .33309	34.0	45.1 47.1	37. 39.
Billings [1886]	Boston, Whites	187980	Male	.21739	.28518	.33309	36.5 37.0	47.1	39. 39.
pititigs [1000]	Boston, wintes	1079-00	Female	.18873	.25365	.30823	39.1	48.4	40.
Haines	Suffolk Co., MA (Boston)	1884-86	Male	.20160	.28245	.33710	34.8	44.0	36.
			Female	.17732	.25915	.31453	37.1	45.9	38.
laines	Suffolk Co., MA (Boston)	1894-96	Male	.17870	.26501	.31567	36.0	44.0	36.
			Female	.15023	.23576	.28472	39.8	47.3	39.
Glover [1921]	Boston	1900-02	Male	.15736	.19875	.24002	41.6	46.0	37.
	.		Female	.13548	.16983	.21017	45.1	48.5	40.
Glover [1921]	Boston	1909–11	Male	.13527	.16333	.19050	46.0	47.7	39.
Haines	Suffolk Co., MA (Boston)	1929-31	Female Male	.11330 .07230	.13851	.16181 .100 9 4	50.3 54.6	50.9 51.5	42. 42.
Tallics	Sunoik Co., MA (Boston)	1929-31	Female	.07230		.08220	58.4	54.3	45.
Haines	Philadelphia	1860-61	Total	.18531		.32837	37.3	47.9	40.
	Philadelphia	1869-71	Total	.21300		.33249	36.2	45.7	38.
	Philadelphia	1879-81	Total	.21915		.32047	38.1	46.8	39.
	Philadelphia Philadelphia	1889-91	Total	.19668		.29722	39.5	47.6	39.
Glover [1921]	Philadelphia	1900-02	Male	.15027	.18978	.23006	42.5	46.3	38.
			Female	.12741	.16369	.20232	46.2	49.1	40.
Glover [1921]	Philadelphia	1909–11	Male	.14174	.17456	.20558	45.5	48.1	39.
(Iniman	Dhiladalakia	1010 21	Female	.11926	.14959	.17796	49.6	51.2	42.
Haines Haines	Philadelphia Philadelphia	1919–21 1929–31	Total Total	.08540 .06304		.12526 .08693	52.7 57.3	51.0 53.2	42. 44.
Haines Billings [1886]	New York City	1929-31 1878-81	Male	.26278	.35464	.42751	29.0	33.2 42.4	34.
	. Ton lota City	10/0-01	Female	.22411	.31513	.38744	32.8	45.3	37.
Billings [1886]	New York City, Whites	1879-80	Male	.23421	.32245	.38085	33.3	44.9	36.
• • •	,.		Female	.20427	.28527	.34167	36.8	46.9	38.
Billings [1886]	Brooklyn, Whites	1879-80	Male	.19477	.27036	.33101	37.5	48.1	39.
			Female	.16424	,24336	.30545	39.7	49.1	41.
Glover [1921]	New York City	1900-02	Male	.15673	.20308	.24435	40.6	44.9	36.
Clause [1021]	Nam Vanle Cite	1000 11	Female	.13298	.17564	.21542	44.9 45.3	48.2	39.
Glover [1921]	New York City	190911	Male	.13186	.16799	.19907	45.3	47.4 50.9	38. 42.
Billings [1886]	Chicago, Whites	1879-80	Female Male	.11405 .20526	.14762 .27950	.17708 .34394	49.5 38.1	50.9 50.6	42.
rumka (1000)	Cincago, wintes	10/7-00	Female	.15107	.22919	.29958	41.3	51.6	43.
Glover [1921]	Chicago	1900-02	Male ·	.12010	.15142	.18191	46.3	47.7	39.
F.c1		., 02	Female	.09762	.12764	.15676	50.8	55.0	42.
Glover [1921]	Chicago	1909-11	Male	.13066	.16079	.18980	45.9	51.5	39.
	-		Female	.10431	.13196	.15959	51.7	52.4	43

Sources: Jaffe & Lourie [1942]; Jacobson [1957]; Meech [1898]; Pope [1992]; Meeker [1972, table 1]; Glover [1921]; Haines [1977, 1979a]; Preston & Haines [1991, ch. 2]; Vinovskis [1972]; Fogel [1986, table 3]; U.S. Bureau of the Census [1886] (Billings); Abbott [1898]; Various Massachusetts, New York, and Philadelphia vital statistics

vinovskis [1972]; rogei [1980, table 3]; U.S. Bureau of the Census [1886] (Billings); Abbott [1898]; Various Massachusetts, New York, and Philadelphia vital statistics and census data (Haines); Kennedy [1853]; Elliot [1857]; Haines & Preston [1997]. Note: This first set of life tables uses the Brass [1975] two-parameter logit model with the 1900–1902 Death Registration Area (DRA) life tables as the standards. Available empirical American life tables for the period 1830–1911 are used to establish the relationship between the level and structure of mortality. Data on deaths for ages 5–19 in the year before the census (from the decennial federal censuses of 1850–1900) are actually used to obtain the national tables.

^aq(1) is the probability of dying before reaching age 1. It is the infant mortality rate. q(2) and q(5) are the probabilities of dying before reaching ages 2 and 5, respectively. e₀, e₁₀, and e₂₀ are the expectations of life at birth and at ages 10 and 20.

1830-1911. Briefly, the l_x functions of the existing life tables were fitted to the function

$$Y_x = \alpha + \beta * Y_{sx}$$
where
$$Y_x = \log it(1 - l_x) = .5* \ln[(1 - l_x)/l_x]$$

for actual life tables with a radix (l_0) equal to one. Y_{sx} is the logit of the "standard" life table, which was chosen as that for the population (for males and females separately) of the DRA in 1900-1902. The α parameter provides an indicator-of-mortality level, ranging from about +.8 in high-mortality populations to about -. 8 in low-mortality populations. The β parameter gives the relationship of child-to-adult mortality (also know as the "tilt" of the mortality schedule). The range of β is from about .7 for child mortality unfavorable relative to adult mortality to about 1.4 for child mortality favorable relative to adult mortality. For the standard (Y_{sx}) , $\alpha = 0$ and $\beta = 1.0$. The fitted α s and β s were then plotted against each other, and a time pattern was examined. A relationship between α and β was estimated to permit the fitting of only one parameter (α). The latter approach was necessary because the data (death rates at ages 5-9, 10-14, and 15-19) would not permit the fitting of the β parameter.

The second set of life tables uses the Coale and Demeny (1966) Model West system. Historical American life tables were used in the construction of Model West. Further, an examination of the congruence between the 1900-1902 DRA life tables and a close Model West table (level 13) revealed a very good fit (Preston and Haines 1991, chap.2; Coale and Zelnik 1963, appendix B). Table 2 reveals some differences between the two sets of tables (i.e., the logit, or U.S. Model, versus the West Model), especially with respect to infant $({}_{1}q_{0})$ and child (l_{5}) mortality. The e_{0} and e_{10} values from the U.S. Model differ somewhat from those presented in Haines (1979) because of differences in the algorithms used to calculate values of the life table beyond l_x and q_x . The third set of life tables (see appendix A) are also calculated by consistent algorithms and are comparable. The computation formulas are given in appendix B.

The third set of life tables were those computed from data on children ever born, children surviving, and the age distribution of surviving own children present from the PUMS of the 1900 and 1910 U.S. censuses.⁶ The estimation involved backward projecting the age structure of surviving own children present to equal the number of children ever born. The sample was confined to younger women aged 14 to 34 years to reduce problems of age and parity misstatement and of memory lapse. Other indirect methods were tried, that is, the age and duration models of Sullivan and Trussell (United Nations 1983, chap. 3), but the backward-projection technique (i.e., the surviving-children method) was felt to provide the best estimates. These methods apply roughly to 1894–95 in the case of the 1900 census and 1904 in the case of the 1910 census. Estimates for just the DRA states were

done, and they proved relatively close to the 1900–1902 and 1909–1911 DRA tables based on vital statistics for the total and white populations.

Mortality estimates for the black population from the surviving-children method and the 1900 PUMS were rather different from the published DRA tables for the black population, however. It has already been noted that the population of the DRA in 1900 was quite urban, in contrast to the whole black population. Urban mortality was markedly higher than rural mortality (Preston and Haines 1991, chaps. 1 and 3). For example, the 1900-1902 DRA life table for blacks yielded an e_0 of about 33.7 years for both sexes combined, as opposed to the estimate of 41.8 years from the surviving-children method applied to the 1900 PUMS. Similarly, the infant mortality rate was 234 infant deaths per 1,000 live births for blacks in the 1900-1902 life table for both sexes, whereas the surviving-children method indicated that it was 170 for the black population in the nation as a whole. No estimated life tables are presented for the black population based on the published census mortality data before 1900. It is not clear that those data are usable for the present analysis or which model life table system might be most appropriate. Zelnik (1969) believed that Model West was not a particularly good fit to the black mortality experience in the first half of the twentieth century. Douglas Ewbank (1987) found that the United Nations (1982) Far Eastern Model provided the best match to the historical age pattern of black American mortality. According to Condran (1984; Condran and Cheney 1982), Model South may be more appropriate. For 1910, both the West Model and Far Eastern Model estimates are presented for the black population, although goodness-of-fit for both models was about the same and the best of all the alternative life table models.⁷

Conclusions

The selected life table values in table 2 for the total and white populations from 1850 to 1910 and for the black population from 1900 to 1910 can be placed in context in table 1 with a variety of other historical American life tables from the 1820s to the period between 1939 and 1941. These include values from Jaffe and Lourie (1942), Meech (1898), Jacobson (1957), Glover (1921), and Billings (1886).⁸ Also included in table 1 are the recent estimates of e_{20} by Pope (1992) from genealogical data and some life tables for Massachusetts, Suffolk County (the city of Boston), Rochester (New York), and Philadelphia calculated from original vital registration and census data.

These results confirm the impression of mortality fluctuating before ca. 1880 and a fairly steady decline in death rates thereafter, when the modern mortality transition for the white population began. More work will certainly need to be done on mortality differences by region, gender, race, ethnicity, and rural-urban residence. But the overall picture has become clearer. Whether mortality actually increased

TABLE 2
Selected Life Table Values for the United States by Race and Sex (1850–1910)

	10	q0	e	(0)	e(10)	1	(5)	40	q 20
	U.S. Model	West Model	U.S. Model	West Model	U.S. Model	West Model	U.S. Model	West Model	U.S. Model	West Model
Total Population							,		·	
Males										
1850	0.24092	0.20352	37.23	37.79	46.16	44.74	67,805	70,433	0.47959	0.51398
1860	0.20210	0.17386	41.55	41.79	48.33	46.95	72,639	74,692	0.43533	0.46565
1870	0.19210	0.16259	43.03	43.43	49.23	47.84	73,993	76,342	0.41677	0.44624
1880	0.22015	0.18492	39.72	40.25	47.54	46.10	70,462	73,091	0.45112	0.48413
1890	0.16334	0.15568	44.82	44.47	49.14	48.41	77,125	77,362	0.41915	0.43403
1900	0.13356	0.14531	47.12	46.12	49.43	49.29	80,584	78,961	0.41369	0.41512
1900b		0.12973		48.69		50.55	•	81,478		0.38828
1910		0.11300		51.54		52.01		84,075		0.35742
Females										
1850	0.21712	0.16099	39.43	42.56	47.48	47.87	70,155	75,085	0.44537	0.42291
1860	0.19153	0.14822	42.15	44.64	48.69	49.05	73,316	77,061	0.42179	0.39993
1870	0.17724	0.13192	44.92	47.46	50.62	50.63	75,469	79,619	0.38375	0.36943
1880	0.22980	0.16078	39.12	42.60	47.98	47.89	68,981	75,118	0.43489	0.42254
1890	0.15765	0.13172	45.60	47.49	49.96	50.65	77,454	79,651	0.39702	0.36905
1900	0.12476	0.12067	48.45	49.51	50.52	51.77	81,389	81,409	0.38603	0.34761
1900b	0.12470	0.11029	70.75	51.55	50.52	52.77	01,507	83,294	0.50005	0.32911
1910		0.09489		54.68		54.43		85,879		0.29867
White Population		0.05405		54.00		34.43		05,079		0.27007
Males										
1850	0.22829	0.19548	38.42	38.83	46.65	45.32	69,303	71,577	0.46967	0.50125
1860	0.18774	0.16524	43.17	43.04	49.08	47.63	74,421	75,953	0.40907	0.45085
1870	0.18513	0.15584	44.11	44.45	49.91	48.39	74,943	77,338	0.40307	0.43432
1880	0.18313	0.13304	40.44	40.92	47.94	46.47	71,206	73,790	0.44296	0.47611
1890	0.21436	0.14822	46.04	45.62	49.95	49.03	78,086	78,471	0.44230	0.42058
1900	0.13073	0.13524	48.51	47.78	50.43	50.09	81,503	80,617	0.39227	0.39800
1900b	0.12/04	0.13324	40.51	50.35	30.43	51.40	61,505	83,010	0.37221	0.37038
1910		0.11988		52.97		52.75		85,311		0.34185
Females		0.1047/		32.91		32.13		02,311		0.34103
1850	0.20596	0.15524	40.56	43.49	47.96	48.39	71,514	75,971	0.43606	0.41266
1860	0.20390	0.13324	44.10	45.49	49.62	49.92	75,402	78,482	0.43606	0.41200
1870	0.17513	0.13912	46.38	48.50	51.38	51.21	75,402 76,886	80,535	0.40332	0.35832
1880										
	0.21527	0.15359	40.59	43.76	48.61	48.55	70,732	76,227	0.41371	0.40968
1890	0.14490	0.12388	47.44	48.92	50.95	51.44	79,171	80,897	0.37751	0.35389
1900	0.11206	0.10946	50.71	51.71	51.86	52.85	83,219	83,435	0.35917	0.32766
1900b		0.10120		53.37		53.72		84,826		0.31158
1910		0.08757		56.24		55.27		87,089		0.28330
Black Population										
Males		0.100.16		40.4#		44.04		== ===		0.404.00
1990b		0.18346		40.45		46.21		73,302		0.48173
1910: West		0.15402		44.72		48.54		77,608		0.43106
Far Eastern		0.12714		41.83		42.57		81,020		0.58891
Females				40.5-						A
1900Ь		0.15657		43.27		48.27		75,766		0.41504
1910: West		0.13051		47.71		50.77		79,843		0.36673
Far Eastern		0.10946		44.59		44.57		82,932		0.52379

Source: 1850-1900 fitted to Coale and Demeny Model West and to the Brass logit model constructed for the U.S. The tables were fitted to 5q5, 5 q10, and 5q15 from census mortality data. The Brass logit model (U.S. Model) was fitted by the iterative procedure described in Haines [1979]. The life tables here were averages of the three tables fitted to each of the q's. For Model West, the tables were averaged on e(0). For the Brass logit U.S. Model, the alpha and beta values were each averaged. 1900b represents the tables fitted by Preston and Haines [1991, ch. 2] to the age distribution of surviving children from women aged 14-34 from the 1900 U.S. census public use sample (PUS) and using Coale and Demeny Model West. 1910 represents the tables fitted by Haines and Preston [1997] fitted in the same way as 1900b except that the black population was fitted to both West Model and the United Nations Far Eastern Model.

Note: The West Model also uses the census mortality data for ages 5-19 but fits Coale and Demeny [1966, 1983] West Model life tables. Both sets were derived following procedures in Haines [1979].

substantially in the 1840s and 1850s is less obvious, but it can be seen that mortality in the United States was essentially not under control until about the 1870s. This, of course, makes the demographic transition in the United States unusual, because fertility had been declining for the white population since at least 1800 (Forster and Tucker

1972), whereas the modern mortality transition lagged by over three-quarters of a century. In this respect, for the white population, the mortality transition was more like that in western and northern Europe and areas of overseas European settlement (Canada, Australia, New Zealand) than was the fertility transition.

50-54 0.092402

0.89259

969518

		APPENI	DIX Y	
Life	Tables:	United	States	(1850-1910)
	_			

55-59 0.123954 43470 5388 203881 0.85846 741102 17.05 0.02643 60-64 0.161622 0.81108 0.74552 38082 6155 7071 175023 537221 14.11 0.03517 (I) U.S. MODEL (Brass 2 parameter logit model) 65-69 0.221482 31927 141957 362198 11.34 0.04981 70-74 0.295859 24856 7379 105833 0.65605 220241 8.86 0.06972 75-79 0.410911 TOTAL POPULATION 17477 7182 69432 0.64777 114408 6.55 0.10343 80+ 1.000000 10296 10296 44976 MALES 1850 0.00000 44976 4.37 0.22891 Alpha= 0.167133 AGE(x) q(x)1(x) D(x) L(x) P(x) T(x) e(x) m(x) Beta≖ 0.922418 24092 100000 83859 0.87491 73369 0.96276 0.240916 3723046 37.23 0.28729 3639188 47.94 0.05867 75908 0.056703 4304 FEMALES 1860 AGE(x) q(x) 0 0.191528 0.025490 71604 1825 70637 0.97951 3565819 49.80 0.02584 1(x) D(x) I. (*) P(x) T(x) 87551 0.89723 1133 3495182 0.01638 100000 19153 4215365 42.15 69779 69190 0.98582 50.09 0.21876 0.016237 49.91 0.012252 68646 68209 0 97739 3425992 0.01233 0.048098 80847 1889 78553 0.96805 4127814 0.04950 841 51.06 5-9 0.033589 333331 0.97263 3357784 0.00683 76959 1727 67805 2277 49.52 0.022440 76043 0.98187 4049261 52.62 0.02271 10-14 0.020926 65527 1371 324209 0.97340 3024453 46.16 0.00423 0.014496 75232 1091 74665 0.98724 3973218 52.81 0.01461 15-19 0.032396 64156 2078 315585 0.95997 2700244 42.09 0.00659 0.011134 74141 825 73712 3898553 0.97988 52.58 0.01120 20-24 0.047920 62078 2975 302952 0.94987 2384659 38.41 0.00982 5-9 0.029639 73316 2173 361146 0.97575 3824841 52.17 0.00602 0.94468 35.22 0.01077 10-14 0.018705 1331 352386 3463696 25-29 0.052453 59103 71143 0.97561 48.69 3100 0.00378 30~34 0 058353 56003 3268 271845 0.93820 1793942 32.03 0.01202 15-19 0.030174 69812 2107 343793 0.96402 3111310 44 57 0.00613 52735 0.93097 67705 2841 0.95544 40.88 35-39 0.065456 3452 255045 1522097 28.86 0.01353 20-24 0.041958 331425 0.00857 40-44 0.072859 49283 3591 237439 0.92100 1267052 25.71 0.01512 25-29 0.047283 64865 3067 316656 0.95068 2436091 37.56 0.00969 0.94702 45-49 0.085619 45692 3912 218682 0.90577 22.53 0.01789 30-34 0.051468 61798 3181 301037 2119436 34.30 0.01057 50-54 0.103651 41780 4331 198075 0.88043 810931 19.41 0.02186 35-39 0.054564 58617 3198 285089 0.94286 1818399 31.02 0.01122 37450 612856 268799 0.93560 55-59 0.137339 5143 0.84450 16,36 40-44 0.059868 55419 3318 1533310 0.01234 60-64 0.176550 32306 5704 147273 0.79572 438466 13.57 0.03873 45-49 0.069212 52101 3606 251489 0.92228 1264512 24.27 0.01434 26603 6330 0.72944 291193 0.05402 50-54 0.086858 48495 231944 0.89925 1013022 20.89 0.01816 70-74 0.313352 20273 6352 85482 0.64076 174005 8.58 0.07431 55-59 0.115961 44283 5135 208576 0.86819 781079 17.64 0.02462 13920 75-79 0.61616 88523 60-64 0.149748 39148 5862 0.10828 181082 0.82435 03237 80+ 1.000000 7989 7989 33749 0.00000 33749 4.22 0.23672 65-69 0.206112 33285 6861 149275 0.76036 391421 11.76 0.04596 Alpha= 0.292816 26425 7448 70-74 0.281868 113503 0.06562 75-79 0.384733 18977 7301 76630 0.67874 128642 6.78 0.09527 80+ 1.000000 FEMALES 1850 11676 0.00000 AGE(x) a(x) 1(x)D(x) P(x) T(x)m(x) Alpha= 0.223391 Beta= 0.914302 L(x) e(x) 0.217119 0.88250 3943125 39.43 100000 21712 85887 0.25280 BOTH SEXES 1860 0.053965 78288 4225 75795 0.96415 3857238 49.27 0.05574 0.97973 AGE(x) q(x) 0 0.196683 0.025094 74063 1859 73078 3781443 51.06 0.02543 0.89718 0.016178 72205 1168 71597 0.98577 3708364 51.36 0.01632 100000 19668 87019 4185808 41.86 0.22602 3636767 0.012407 71037 881 70578 0.97765 51.20 0.01249 0.047683 80332 3830 78072 0.96852 4098789 51.02 5-9 0.032909 70155 2309 345004 0.97308 3566189 50.83 0.00669 0.021876 76501 1674 75614 0.98237 4020718 52.56 0.02213 47.48 10-14 0.020719 67847 1406 335718 0.97305 3221184 0.00419 0.014049 74828 1051 74281 0.98768 52.72 3945103 0.96041 2885466 0.00677 790 15-19 0.033306 66441 2213 326672 43.43 0.010708 73777 73366 0.98042 3870822 52.47 0.01077 20-24 0.046094 64228 313738 0.95118 39.84 0.00944 -9 0.028963 72987 2114 359648 0.97635 2961 2558794 3797456 0.00588 0.94624 2245056 10-14 0.018185 25-29 0.051679 61267 3166 298421 36.64 0.01061 70873 1289 351141 0.97654 3437808 48.51 0.00367 30-34 0.055960 58101 3251 282377 0.94256 1946634 33.50 0.01151 15-19 0.028830 69584 2006 342904 0.96498 3086667 44.36 0.00589 266156 0.93837 2797 35-39 0.059018 54850 3237 1664257 30.34 0.01216 20-24 0.041392 67578 330895 0.95629 2743764 40.60 0.00845 40-44 0 064410 51613 3324 249753 0.93094 1398100 27.09 0.01331 25-29 0.046133 64781 2989 316431 0.95154 2412868 37.25 0.00944 45-49 0.074038 48288 3575 232504 0.91718 1148348 23.78 0.01538 30-34 0.050903 61792 3145 301096 0.94677 2096437 33.93 0.01045 915844 50-54 0 092307 44713 4127 213247 0 89344 20 48 0.01935 35-39 0.055674 58647 3265 285070 0.94137 1795341 30.61 0.01145 55-59 0.122270 40586 0.86173 702597 17.31 0.02605 55382 4962 190523 40-44 0.061764 3421 268356 0.93313 1510270 27.27 0.01275 60~64 0.156505 35623 5575 164179 0.81753 512074 14.37 0.03396 45-49 0.072314 51961 3758 250411 0.91939 1241914 23 90 0.01501 30048 0.75361 65-69 0.213245 6408 134222 347895 11.58 0.04774 50-54 0.089562 48203 4317 230224 0.89600 991503 20.57 0.01875 206281 70-74 0.288514 23641 6821 101151 0.66937 213673 9.04 0.06743 55-59 0 119860 43886 5260 0.86344 761279 17.35 0.02550 112522 0.09684 75-79 0.389814 16820 6557 67708 0.66187 6008 6.69 60-64 0.155540 38626 178110 0.81787 554999 14.37 0.03373 80+ 1.000000 10263 10263 44814 0.00000 44814 0.22902 65-69 0.213610 32618 6968 145672 0.75312 376888 11.55 4.37 0.04783 Alpha= 0.298698 0.910928 70-74 0.289181 7418 109709 25651 0.66581 231217 Beta= 9.01 0.06761 75-79 0.397503 18233 7248 73046 0.66346 121508 6 66 0.09922 80+ 1.000000 10985 10985 48462 0.00000 48462 4.41 0.22668 BOTH SEXES 1850 AGE(x) q(x) 0 0.228727 1(x) D(x) L(x) P(x) T(x) m(x) 100000 22873 84904 0.87877 3833886 38.34 0.26940 TOTAL POPULATION 77127 4265 74611 0.96347 3748982 48.61 0.05717 MALES 1870 0.025287 72862 1842 71886 0.97963 3674372 50.43 0.02563 AGE(x) q(x) 1(x) L(x) P(x) 87130 0.90301 D(x) TIX 0.192094 0.01634 100000 4303124 43.03 19209 0.22047 0.012331 69869 862 69421 0.97752 3532065 50.55 0.01241 0.044293 80791 3578 78679 0.97098 4215995 52.18 0.0454B 69007 339301 50.18 0.00676 0.019935 77212 1539 76396 0.98398 4137315 0.02015 53.58 10-14 0.020820 66713 1389 330094 0.97322 3123344 46.82 0.00421 0.012717 75673 962 75173 0.98889 4060919 53 66 0.01280 65324 2147 321254 0.96019 42.76 0.00668 0.009608 74711 718 74337 0.98219 3985746 0.00966 53.35 20-24 0.046985 63178 2968 308467 0.95054 2471996 39.13 0.00962 5-9 0.026480 73993 1959 365066 0 97843 3911409 52 86 0.00537 60209 293210 0.94548 2163529 0.01069 1191 25-29 0.052057 3134 35.93 10-14 0.016531 72033 357190 0.97892 3546344 49.23 .00333 30-34 0.057127 57075 3261 277223 0.94043 1870319 32.77 0.01176 15-19 0.025711 70843 1821 349660 0.96808 3189153 45.02 0.00521 260709 0.01283 69021 2643 338498 0.95979 2839494 41.14 40-44 0.068531 50469 3459 243700 0.92609 1332387 26.40 0.01419 25-29 0.042211 66378 2802 324886 0.95529 2500995 37.68 0.00862 1088687 45-49 0.079687 47011 3746 225688 0.91161 .01660 30-34 0.047327 3009 310359 0.94964 34.23 50-54 0.097841 43264 4233 205740 0.88709 863000 19.95 0.02057 35-39 0.053549 60567 3243 294728 0.94323 1865751 30.80 0.01100 55-59 0.129621 39031 5059 182509 0.85332 657260 . 02772 40-44 0.060168 57324 0.93435 60-64 0.166283 33972 5649 155738 0.80689 474751 13.97 0.03627 45-49 0.071475 53875 3851 259748 0.92075 1293025 24.00 0.01482 28323 0.89789 0.74182 319013 50-54 0.087629 4384 65-69 0.225295 6381 125663 11.26 .05078 50024 239162 1033276 70-74 0.300630 21942 0.65539 193350 0.07076 6596 93219 8.81 55-59 0.117991 45641 5385 214740 0.86487 794114 17.40 0:02508 75-79 0.407498 15346 6253 61095 0.63894 100131 6.53 0.10235 60-64 0.154561 40255 6222 185723 0.81863 579374 0.03350 80+ 1.000000 9092 9092 39036 0.00000 39036 4.29 0.23292 65-69 0.213080 34034 7252 152038 0.75410 393651 11.57 0.04770 70-74 0.287601 75-79 0.401293 26782 7702 0.66510 0.06718 114652 241613 7656 19079 76255 0.66494 126961 6.65 0.10040 50705 TOTAL POPULATION 80+ 1.000000 11423 11423 0.00000 0.22528 50705 Alpha= 0.122658 MALES 1860 Beta= 0.908511 AGE (x) q(x) 0.202095 1/21 D(x) L(x) P(x) T(x) m (x) 4155262 100000 20210 0.89714 0.23374 86460 41.55 FEMALES 1870 0.047247 79791 3770 77566 0 96902 4068802 50 99 0.04860 Q(x) 0.177238 D(x) 17724 AGE (x) 1(x) P(x) T(x) 76021 1618 75163 0.98289 52.50 0.02153 100000 44.92 0.021283 3991236 88480 0.90648 4492296 0.20032 0 0.013579 74403 1010 73877 0.98814 3916073 52.63 0.01368 0.042667 82276 3510 80205 0.97174 4403816 53.52 0.04377 73392 753 73001 3842195 52.35 0.01032 0.010260 0.98099 0.019825 78766 1562 77938 0.98400 4323611 54.89 0.02004 5-9 0.028254 72639 2052 358066 0.97698 3769195 51.89 0.00573 0.012788 77204 987 76691 0.98875 4245673 54 99 0.01287 0.97751 10-14 0.017640 1245 349822 3411129 48.33 0.00356 0.009815 76217 75828 0.98226 748 4168982 54.70 0.00987 15-19 0.027419 69342 1901 341956 0.96598 3061306 44.15 0.00556 5-9 0.026137 75469 1973 372413 0.97863 4093155 54.24 0.00530 67441 73496 1211 0.97851 20-24 0.040797 2751 330324 0.95718 10-14 0.016474 50.62 0.00332 2389026 15-19 0.026582 0.96829 0.00539 25-29 0.044926 64689 2906 316180 0.95244 36.93 0.00919 72286 1921 356624 3356287 46.43 3108 301144 2072845 70364 2602 0.96071 2999663 .00754 35-39 D.056839 58675 3335 285036 0.93980 1771701 30.20 0.01170 25-29 0.041689 67762 2825 331748 0.95649 265434B 39.17 0.00852 0.93053 30-34 0.045416 64937 2949 317313 0.95322 2322600 35.77 40-44 0.063755 55340 267878 1486665 0.01317 0.00929 45-49 0.075572 51812 3916 249269 0.91634 1218787 23.52 0.01571 35-39 0.048204 61988 2988 302469 0.94947 2005288 32.35 0.00988

40-44 0.052983

1702818

45-49 0.061406	55874	3431	270792	0.93087	1415634	25.34	0.01267	35-39	0.058639	55100	3231	267421	0.93845	1668419	30.28	0.01208
50-54 0.077351	52443	4057	252073	0.90993		21.83	0.01609		0.064648	51869	3353		0.93025	140099B		0.01336
55-59 0.103845 60-64 0.135080	48386 43362	5025 5857	229370 202165	0.88139	892769 663399		0.02191 0.02897		0.075205 0.092483	48516 44867	3649 4149		0.91649	1150038 916582		0.01563
65-69 0.187858	37504	7045	169908	0.77965	461233	12.30	0.04147		0.122786	40717	5000	191088	0.86077	702621	17.26	0.02616
70-74 0.260366 75-79 0.361163	30459 22528	7930 8136	13246B 92301	0.69678	291325 158857	9.56	0.05987		0.157980	35718 30075	5643		0.81592	511533 347050		0.03431
80+ 1.000000	14392	14392	66556	0.00000	66556		0.21624		0.215066 0.288526	23607	6468 6811	101007	0.75263	212844		0.06743
Alpha= 0	.136271	Beta=	0.875935					75-79	0.393894	16796	6616		0.65833	111837		0.09810
BOTH SEXES 1870								80+	1.000000	10180	10180	44398	0.00000	44398	4.36	0.22929
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)									
0 0.184485 1 0.043460	100000 81552	18448 3544	87824 79460	0.90477	4398245 4310421	43.98 52.86	0.21006		POPULATION							
2 0.019879	78007	1551	77185	0.98399	4230961	54.24		MALES AGE(x)	1890 Q(X)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
3 0.012753	76457	975	75950	0.98882	4153776	54.33	0.01284	0	0.163342	100000	16334	89056	0.91688			0.18341
4 0.009714 5-9 0.026304	75482 74748	733 1966	75100 368826	0.98222	4077826 4002726		0.00976	1 2	0.040760	83666 80256	3410 1490	81654 79466	0.97321	4392685 4311031		0.04176
10-14 0.016502	72782	1201	360908	0.97871	3633900	49.93	0.00333	3	0.011907	78766	938		0.98958	4231565		0.01198
15-19 0.026157	71581	1872	353224	0.96819	3272992		0.00530	4	0.009029	77828	703			4153287		0.00907
20-24 0.037620 25-29 0.041944	69709 67086	2622 2814	341987 328397	0.96026	2577780	41.89 38.42	0.00767		0.025041 0.015732	77125 75194	1931 1183		0.97955 0.97986			0.00507
30-34 0.046348	64272	2979	313915	0.95147	2249384	35.00			0.024621	74011	1822	365500	0.96927	3322011	44.89	0.00499
35-39 0.050811 40-44 0.056488	61293 58179	3114 3286	298681 282679	0.94642	1935469 1636788		0.01043		0.036988	72189	2670 2862	354270 340440	0.96096 0.95618	2956511 2602241		0.00754
45-49 0.066318	54893	3640	265362	0.92593	1354109	24.67	0.01103		0.041165	69519 66657	2802 3106	325521	0.95017	2261802		0.00954
50-54 0.082365	51252	4221	245708	0.90405	1088746		0.01718	35-39	0.053225	63551	3383		0.94330			0.01094
55-59 0.110745 60-64 0.144583	47031 41822	5209 6047	222133 193995	0.87333	843038 620905		0.02345		0.060366	60169 56537	3632 4092	291763 272452	0.93381	1626981 1335218		0.01245
65-69 0.200161	35776	7161	160976	0.76718	426909	11.93			0.089582	52444	4698		0.89507	1062767		0.01876
70-74 0.273651	28615	7830	123498	0.68129	265933		0.06341		0.121785	47746	5815	224194	0.85986	812290		0.02594
75-79 0.380739 80+ 1.000000	20784 12871	7913 12871	84138 58298	0.69288	142436 58298		0.09405 0.22078		0.161044	41931 35179	6753 7872	192775 156212	0.81033 0.74134	588096 395321		0.03503
									0.303588	27306	8290	115807	0.64720	239109	8.76	0.07158
MOMENT DODGE EMPON									0.423465	19016	8053	74950	0.64512	123302 48352		0.10744
TOTAL POPULATION MALES 1880								80+	1.000000 Alpha=	10964 0.082817	10964 Beta= (48352 971946	0.00000	48334	4.41	u.22673
AGE(x) q(x)	1 (x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)									
0 0.220150 1 0.051055	100000 77985	22015 3982	85250 75636	0.88723 0.96652	3971936 3886686	39.72 49.84	0.25824	FEMALE AGE (×)	S 1690 Q(X)	1(x)	D(x)	L(x)	P(x)	T(x)	e (x)	m (×)
2 0.022946	74003	1698	73103	0.98156	3811050	51.50	0.02323	0	0.157648	100000	15765	89753	0.91573	4559893	45.60	0.17565
3 0.014622	72305	1057	71756	0.98723	3737946		0.01473	1	0.041165	84235	3468	82189	0.97262	4470140	53.07	0.04219
4 0.011037 5-9 0.030322	71248 70462	786 2137	70839 346968	0.97959	3666191 3595351	51.46	0.01110	2	0.019355	80768 79204	1563 994	79939 78687	0.98434	4387951 4308012	54.33 54.39	0.01956
10-14 0.018901	68325	1291	338398	0.97594	3248384		0.00382	4	0.009671	78210	756	77817	0.98244	4229325	54.08	0.00972
15-19 0.029314	67034	1965	330257	0.96371	2909986 2579730	43.41	0.00595	5-9	0.025901	77454	2006	382253	0.97878	4151508	53.60	0.00525
20-24 0.043477 25-29 0.047716	65069 62240	2829 2970	318271 303774	0.95445	23/9/30	39.65 36.33	0.00889		0.016424	75447 74208	1239 1978	374140 366097	0.97850	3769255 3395116	49.96 45.75	0.00331
30-34 0.053244	59270	3156	288460	0.94350	1957684	33.03	0.01094		0.037361	72230	2699	354406	0.96013	3029019	41.94	0.00761
35-39 0.059929 40-44 0.066957	56114 52751	3363 3532	272164 254926	0.93667	1669223 1397060	29.75 26.48	0.01236 0.01386		0.042472	69532 66579	2953 3105	340276 325130	0.95549 0.95178	2674613 2334336	38.47 35.06	0.00868 0.00955
45-49 0.079028	49219	3890		0.91276	1142133		0.01545		0.046644	63473	3165	325130	0.93178	2009206		
50-54 0.096167	45330	4359		0.88859	905761	19.98	0.02020		0.055211	60307	3330	293211	0.94032	1699756	28.19	0.01136
55-59 0.128274 60-64 0.166193	40970 35715	5255 5936	191713 163736	0.85407	690011 498298	16.84 13.95	0.02741		0.064413	56977 53307	3670 4353	275712 255653	0.92725	1406545 1130833	24.69	0.01331 0.01703
65-69 0.226257	29779	6738	132052	0.74118	334563	11.23	0.05102		0.110327	48954	5401	231267	0.87366	875180		0.02335
70-74 0.300900	23042	6933	97875	0.65268 0.63797	202510 104636	8.79	0.07084 0.10432		0.144345	43553	6287	202048	0.82929	643913		
75-79 0.413708 80+ 1.000000	16108 9444	6664 9 444	63881 40754	0.00000	40754	6.50 4.32	0.23174		0.201522	37266 29756	7510 8318	167557 127986	0.76384 0.67577	441865 274308		0.04482
Alpha= 0	.218254	Beta=	0.919059					75-79	0.386249	21438	8280	86489	0.69179	146322	6.83	0.09574
PENALES 1880								80+	1.000000 Alpha=	13158	13158 Beta= (59832	0.00000	59832	4.55	0.21991
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		nzp.m-	0.1222.3	D000-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
0 0.229799 1 0.054465	100000	22980 4195	85063	0.87635 0.96390			0.27015 0.05627		EXES 1890		B 41	* 4>	D ()	m ()	- 1-1	m(×)
1 0.054465 2 0.025159	77020 72825	1832		0.97971			0.03527	AGE(x)	q(x) 0.160426	1(x) 100000	D(x) 16043	L(x) 89412	P(x) 0.91630	T(x) 4521054	e(x) 45.21	m(x) 0.17942
3 0.016169	70993	1148		0.98579			0.01631	1	0.040967	83957	3440	81928	0.97291	4431642	52.78	0.04198
4 0.012376 5-9 0.032728	69845 68981	864 2258		0.97775			0.01246	2 3	0.018957	80518 78991	1527 967		0.98469 0.98925		54.02 54.06	0.01916 0.01232
10-14 0.020537	66723	1370	330190	0.97334	3201150	47.98	0.00415	4	0.012239	78024	730	77644	0.98280	4191517	53.72	0.00940
15-19 0.032917	65353	2151		0.96096			0.00669		0.025481	77294	1970		0.97916			0.00516
20-24 0.045378 25-29 0.050660	63202 60334	2868 3057		0.95204			0.00929		0.016086	75324 74113	1212 1902		0.97916 0.96865			0.00324
30-34 0.054637	57277	3129	278562	0.94402	1946709	33.99	0.01123	20-24	0.037179	72211	2685	354342	0.96054	2992928	41.45	0.00758
35-39 0.057410 40-44 0.062448	54148 51039	3109 3187		0.94015			0.01182		0.041834	69526 68617	2909 3106		0.95582 0.95099			0.00855 0.00955
45-49 0.071565	47852	3425		0.92005			0.01484		0.051513	63512	3272		0.94546			0.01058
50-54 0.088975	44427	3953		0.89740	927256		0.01862		0.057726	50240	3477		0.93714			0.01189
55-59 0.11 7560 60-64 0.150158	40474 35716	4758 5363		0.86716	715002 524525		0.02498		0.068300	56763 52886	3877 4523		0.92339			0.01414 0.01787
65-69 0.204408	30353	6204	136255	0.76354	359352	11.84	0.04554		0.115916	48363	5606	227798	0.86692	843778	17.45	0.02461
70-74 0.276741 75-79 0.375024	24149 17466	6683 6550		0.68201 0.67802	223098 119062		0.06424		0.152491	42757 36237	6520 7696		0.82004 0.75286	615981 418498		0.03302 0.04752
80+ 1.000000	10916	10916		0.00000	48108		0.22690		0.212381	28541	8313		0.66180	256555		0.06819
Alpha= (0.873440					75-79	0.404403	20227	8180	80687	0.66861	134635	6.66	0.10138
BOTH SEXES 1880								80+	1.000000	12047	12047	53948	0.00000	53948	4.48	0.22332
AGE(x) = q(x)	1 (x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)									
0 0.225092	100000	22509 4092	85144 75077			39.41	0.26437		POPULATION							
1 0.052802 2 0.024079	77491 73399	1767		0.98518			0.02439	Males Age (x)		1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(×)
3 0.015414	71632	1104	71058	0.98649	3707964		0.01554	0	0.133563	100000	13356	91051	0.93135	4711520	47.12	0.14669
4 0.011723 5-9 0.031554	70528 69701	827 2199		0.97865			0.01179	1 2	0.036047 0.016662	86644 83520	3123 1392		0.97620			0.03683 0.01681
10-14 0.019739	67501	1332	334176	0.97461	3223803	47.76	0.00399	3	0.010729	82129	881	81671	0.99060	4452885	54.22	0.01079
15-19 0.031159	66169	2062 2850		0.96230			0.00633	4	0.008169	81248 80584	664 1839			4371215 4290312		0.00820 0.00462
20-24 0.044451 25-29 0.049224	64107 61258	3015		0.95322			0.01009	5-9 10-1	0.022822	78745	1137		0.98132			0.00291
30-34 0.053957	59242	3143	283355	0.94377	1951774	33.51	0.01109		0.022758	77608	1766	383624	0.97142	3501108	45.11	0.00460

25-29 0	0.034537	75842	2619	372660	0.96333	3117484	41.11	0.00703	10-14 0.019881	69258	1377		0.97412			0.00402
	0.038871	73222	2846	358996	0.95837	2744824	37.49	0.00793	15-19 0.032008	67881	2173			2978566		0.00651
	0.044498	70376	3132	344052	0.95212	2385827	33.90	0.00910	20-24 0.044390	65709	2917		0.95293	2644591		0.00908
	0.051411	67245	3457	327580	0.94491	2041775	30.36	0.01055	25-29 0.049880	62792	3132			2323340		0.01023
	0.058977	63787	3762		0.93493			0.01215	30-34 0.054136	59660	3230		0.94436	2017212 1726987		0.01113
	0.071538	60025	4294		0.91977	1404663	23.40	0.01484	35-39 0.057223 40-44 0.062594	56430 53201	3229 3330			1452910		0.01178
	0.089602 0.123590	55731 50738	4994 6271	266173	0.89420 0.85697	1115271 849098	20.01 16.74	0.01876 0.02635	45-49 0.072126	49871	3597		0.91919	1195231		0.01496
	0.123390	44467	7347		0.80429	611086	13.74	0.02633	50-54 0.090173	46274	4173		0.89570	954869		0.01889
	0.232229	37120	8620		0.73066	407118	10.97	0.05255	55-59 0.119835	42101	5045		0.86420	733932		0.02549
	0.317684	28500	9054	119864	0.63103	243068	8.53	0.07553	60-64 0.153948	37056	5705		0.82008	536039		0.03336
	0.444139	19446	8637	75638	0.62888	123204	6.34	0.11418	65-69 0.210624	31351	6603		0.75604	365021		0.04708
	1.000000	10809	10809	47567	0.00000	47567	4.40	0.22724	70-74 0.286191	24748	7083	106033	0.67132	224772	9.08	0.06680
		0.025462		1,037600					75-79 0.388215	17665	6858	71182	0.66811	118739	6.72	0.09634
									80+ 1.000000	10807	10807	47557	0.00000	47557	4.40	0.22725
FEMALES	1900								Alpha= 0	.267741	Beta= 0	.913351				
AGE(x)	q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)								
	0.124757	100000	12476	91891	0.93260	4844792	48.45	0.13577	BOTH SEXES 1850							
1 (0.035377	87524	3096	85697	0.97638	4752901	54.30	0.03613	AGE(x) q(x)	1(x)	$D(\mathbf{x})$	L(x)	P(x)	T(x)	e(x)	m(x)
	0.016870	84428	1424	83673	0.98632	4667204	55.28	0.01702	0 0.216852	100000	21685	85688		3949749		0.25307
	0.011020	83004	915	82528	0.99027	4583531	55.22	0.01108	1 0.052714	78315	4128	75879		3864062	1	0.05441
	0.008529	82089	700	81725	0.98442		54.83	0.00857	2 0.024142	74187	1791 1121	73237 71813		3788182 3714945		0.02445
	0.023035	81389	1875	402257	0.98107	4419278 4017021	54.30 50.52	0.00466 0.00297	3 0.015497 4 0.011791	72396 71274	840	70837	0.97848	3643133		0.01361
	0.014723	79514	1171	394643 386997	0.98063	3622377	46.24	0.00497	5-9 0.031837	70434	2242	346564		3572295	50.72	0.00647
	0.024096	78343 76456	1888 2612	375747	0.96330			0.00695	10-14 0.019962	68192	1361	337555	0.97430	3225731	47,30	0.00403
	0.039333	73843	2904	361956	0.95851		38,73	0.00802	15-19 0.031557	66830	2109		0.96172	2888177		0.00641
	0.043744	70939	3103	346937	0.95449	2497677	35.21	0.00894	20-24 0.045213	64721	2926			2559297	39.54	0.00925
	0.047352	67836	3212	331148	0.94988		31.71		25-29 0.050206	61795	3103	301219	0.94735	2243006	36.30	0.01030
	0.053033	64624	3427	314550	0.94231			0.01090	30-34 0.055225	58693	3241	285360	0.94234	1941787	33.08	0.01136
	0.062615	61196	3832	296403	0.92878		24.59		35-39 0.060231	55451	3340			1656427	29.87	0.01242
	0.080401	57365	4612	275293	0.90535	1208639	21.07	0.01675	40-44 0.066568	52111	3469			1387520	26.63	0.01377
	0.110153	52752	5811		0.87285	933347		0.02331	45-49 0.077606	48643	3775		0.91378	1135635		0.01615
	0.146246	46942	6865	217545	0.82572	684111		0.03156	50-54 0.095565	44868	4288		0.88949	901860		0.0200"
	0.207106	40077	B300	179633	0.75590	466566	11.64	0.04621	55-59 0.127041	40580	5155		0.85592	688241		0.02713
	0.290763	31776	9239	135784	0.66205	286933		0.06805	60-64 0.163595	35424	5795	162634	0.80954	498230		0.03563
	0.404472	22537	9116	89896	0.68138	151150		0.10140	65-69 0.222589	29629	6595		0.74430	335596		0.05009
80+ 1	1.000000	13421	13421	61253	0.00000	61253	4.56	0.21911	70-74 0.298292	23034	6871	97993	0.65733 0.64476	203938 105945		0.07012
	Alpha=	0.064364	Beta=	1.006350					75-79 0.405917 80+ 1.000000	16163 9602	6561 9602	64414	0.00000	41531		0.23121
nomu cm	XES 1900								80+ 1.000000	3002	9002	41331	0.00000	41331	4.33	0.23121
AGE(x)	Q(X)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)								
	0.129053	100000	12905	91483	0.93198	4778565	47.79	0.14107	WHITE POPULATION							
	0.035704	87095	3110	85260	0.97629	4687083	53.82	0.03647	MALES 1860							
	0.016769	83985	1408	83239	0.98644		54.79	0.01692	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
	0.010878	82577	898	82110	0.99043	4518584	54.72	0.01094	0 0.187735	100000	18774	87422	0.90499	4316725	43.17	0.21475
	0.008353	81679	682	81324	0.98455	4436474	54.32	0.00839	1 0.044038	81227	3577	79116	0.97113	4229303	52.07	0.04521
5-9 (0.022931	80996	1857	400338	0.98119	4355150	53.77	0.00464	2 0.019866	77649	1543	76832	0.98403	4150187	53.45	0.02008
10-14	0.014584	79139	1154	392809	0.98102	3954812	49.97	0.00294	3 0,012687	76107	966	75605	0.98891	4073355	53.52	0.01277
15-19	0.023443	77985	1828	385353	0.97117	3562003	45.68	0.00474	4 0.009592	75141	721	74767	0.98220	3997750		0.00964
20-24	0.034347	76157	2616	374243	0.96331	3176650	41.71	0.00699	5-9 0.026464	74421	1969	367179		3922984		0.00536
25-29	0.039108	73541	2876	360514	0.95844	2802407			10-14 0.016541	72451	1198	359259	0.97889	3555805		0.00334
30-34	0.044112	70665	3117	345531	0.95334	2441893	34.56	0.00902	15-19 0.025754	71253	1835		0.96800	3196545		0.00522
	0.049332	67548	3332			2096362		0.01012	20-24 0.038414	69418	2667		0.95963	2844870		0.00783
	0.055933	64215	3592	312098	0.93871			0.01151	25-29 0.042414	66751	2831	326677	0.95503	2504448		0.00867
	0.066968	60624	4060	292969	0.92438	1454857	24.00	0.01386	30-34 0.047630	63920	3045	311988	0.94927	2177771 1865783		0.00976
	0.084889	56564	4802	270815	0.89991	1161888	20.54	0.01773 0.02479	35-39 0.053976 40-44 0.060738	60875 57590	3286 3498		0.94274	1569621		0.01109
	0.116708	51762 45721	6041	243708	0.86510 0.81526	891073 647365		0.02479	45-49 0.072255	54092	3908		0.93366	1290418		0.01499
			2110				14.10			50183	4452		0.89657		23.00	0.01856
			7110	210831		436534	11 31							1029731	20.52	
	0.219361	38611	8470	171882	0.74358	436534 264652			50-54 0.088705 55-59 0.119588		5469		0.86298	1029731 789943	20.52 17.27	0.02544
	0.303895	38611 301 4 2	8 4 70 9160		0.74358 0.64689	436534 264652 136844		0.07167	55-59 0.119588 60-64 0.156823	45732 40263					17.27	0.02544
75-79		38611	8470	171882 127808	0.74358	264652	8.78 6.52		55-59 0.119588	45732	5469	214986 185529	0.86298	789943	17.27	
75-79	0.303895 0.423822	38611 30142 20982	8470 9160 8892	171882 127808 82677	0.74358 0.64689 0.65516	264652 136844	8.78 6.52	0.07167 0.10756	55-59 0.119588 60-64 0.156823	45732 40263	5469 6314	214986 185529 151383	0.86298 0.81596	789943 574957	17.27 14.28 11.47	0.03403
75-79	0.303895 0.423822	38611 30142 20982	8470 9160 8892	171882 127808 82677	0.74358 0.64689 0.65516	264652 136844	8.78 6.52	0.07167 0.10756	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895	45732 40263 33949 26605 18837	5469 6314 7344 7768 7665	214986 185529 151383 113604 75023	0.86298 0.81596 0.75044 0.66039 0.65870	789943 574957 389428 238045 124441	17.27 14.28 11.47 8.95 6.61	0.03403 0.04851 0.06838 0.10216
75-79 (80+ :	0.303895 0.423822 1.000000	38611 30142 20982 12089	8470 9160 8892	171882 127808 82677	0.74358 0.64689 0.65516	264652 136844	8.78 6.52	0.07167 0.10756	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000	45732 40263 33949 26605 18837 11172	5469 6314 7344 7768 7665 11172	214986 185529 151383 113604 75023 49418	0.86298 0.81596 0.75044 0.66039	789943 574957 389428 238045	17.27 14.28 11.47 8.95 6.61	0.03403 0.04851 0.06838
75-79 (80+ : WHITE PI	0.303895 0.423822 1.000000 OPULATION 1850	38611 30142 20982 12089	8470 9160 8892 12089	171882 127808 82677 54166	0.74358 0.64689 0.65516 0.00000	264652 136844 54166	8.78 6.52 4.48	0.07167 0.10756 0.22319	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895	45732 40263 33949 26605 18837 11172	5469 6314 7344 7768 7665 11172	214986 185529 151383 113604 75023 49418	0.86298 0.81596 0.75044 0.66039 0.65870	789943 574957 389428 238045 124441	17.27 14.28 11.47 8.95 6.61	0.03403 0.04851 0.06838 0.10216
75-79 (80+ :: WHITE POMALES :: AGE(x)	0.303895 0.423822 1.000000 COPULATION 1850 q(x)	38611 30142 20982 12089	8470 9160 8892 12089	171882 127808 82677 54166	0.74358 0.64689 0.65516 0.00000	264652 136844 54166	8.78 6.52 4.48	0.07167 0.10756 0.22319 m(x)	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (45732 40263 33949 26605 18837 11172	5469 6314 7344 7768 7665 11172	214986 185529 151383 113604 75023 49418	0.86298 0.81596 0.75044 0.66039 0.65870	789943 574957 389428 238045 124441	17.27 14.28 11.47 8.95 6.61	0.03403 0.04851 0.06838 0.10216
75-79 80+ : WHITE PO MALES : AGE(x)	0.303895 0.423822 1.000000 POPULATION 1850 q(x) 0.228289	38611 30142 20982 12089	8470 9160 8892 12089 D(x) 22829	171882 127808 82677 54166 L(x) 84705	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203	264652 136844 54166 T(x) 3841756	8.78 6.52 4.48 e(x) 38.42	0.07167 0.10756 0.22319 m(x) 0.26951	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= 0	45732 40263 33949 26605 18837 11172 0.121362	5469 6314 7344 7768 7665 11172 Beta=	214986 185529 151383 113604 75023 49418 0.922418	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000	789943 574957 389428 238045 124441 49418	17.27 14.28 11.47 8.95 6.61 4.42	0.03403 0.04851 0.06839 0.10216 0.22608
75-79 (80+ :: 80+ :: MHITE PH MALES :: AGE(x) 0 :: 1	0.303895 0.423822 1.000000 POPULATION 1850 q(x) 0.228289 0.054010	38611 30142 20982 12089 1(x) 100000 77171	B470 9160 8892 12089 D(x) 22829 4168	171882 127808 82677 54166 L(x) 84705 74712	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453	264652 136844 54166 T(x) 3841756 3757051	8.78 6.52 4.48 e(x) 38.42 48.68	0.07167 0.10756 0.22319 m(x) 0.26951 0.05579	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x)	45732 40263 33949 26605 18837 11172 0.121362	5469 6314 7344 7768 7665 11172 Beta=	214986 185529 151383 113604 75023 49418 0.922418	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000	789943 574957 389428 238045 124441 49418	17.27 14.28 11.47 8.95 6.61 4.42	0.03403 0.04851 0.06839 0.10216 0.22608
75-79 80+ :: 80+ :: WHITE PMALES :: AGE(x) 0 :: 2	0.303895 0.423822 1.000000 POPULATION 1850 q(x) 0.228289 0.054010 0.024316	38611 30142 20982 12089 1 (*) . 100000 77171 73003	B470 9160 8892 12089 D(x) 22829 4168 1775	171882 127808 82677 54166 L(x) 84705 74712 72062	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045	264652 136844 54166 T(*) 3841756 3757051 3682339	8.78 6.52 4.48 e(x) 38.42 48.68 50.44	0.07167 0.10756 0.22319 m(x) 0.26951 0.05579 0.02463	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) Q(x) 0 0.175146	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515	214986 185529 151383 113604 75023 49418 0.922418	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657	789943 574957 389428 238045 124441 49418 T(x)	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10	0.03403 0.04851 0.06838 0.10216 0.22608 m(x) 0.19765
75-79 80+ :: WHITE P MALES: 0 1 2 3	0.303895 0.423822 1.000000 POPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503	38611 30142 20982 12089 1 (x) - 100000 77171 73003 71228	B470 9160 8892 12089 D(x) 22829 4168 1775 1104	171882 127808 82677 54166 L(x) 84705 74712 72062 70654	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045 0.98646	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277	8.78 6.52 4.48 e(x) 38.42 48.68 50.44 50.69	0.07167 0.10756 0.22319 m(x) 0.26951 0.05579 0.02463 0.01563	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175145 1 0.044166	45732 40263 33949 26605 18837 11172 0.121362	5469 6314 7344 7768 7665 11172 Beta=	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39	0.03403 0.04851 0.06839 0.10216 0.22608
75-79 80+ :: 80+ :: WHITE PMALES :: AGE(x) 0 :: 2 :: 3 4	0.303895 0.423822 1.000000 POPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705	38611 30142 20982 12089 1 (*) . 100000 77171 73003	B470 9160 8892 12089 D(x) 22829 4168 1775	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277 3539623	8.78 6.52 4.48 e(x) 38.42 48.68 50.44 50.69 50.48	0.07167 0.10756 0.22319 m(x) 0.26951 0.05579 0.02463	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79	0.03403 0.04851 0.06838 0.10216 0.22608 m(x) 0.19765 0.04535
75-79 80+ 80+ 80+	0.303895 0.423822 1.000000 POPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503	38611 30142 20982 12089 1(x). 100000 77171 73003 71228 70124	B470 9160 8892 12089 D(x) 22829 4168 1775 1104 821	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045 0.98045	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277 3539623 3469926	e(x) 38.42 48.68 50.44 50.69 50.48	m(x) 0.26951 0.05579 0.01563 0.01178	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175145 1 0.044166 2 0.020644	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679	0.86298 0.81596 0.75044 0.66639 0.65870 0.00000 P(x) 0.90657 0.97067	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92	0.03403 0.04851 0.06839 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087
75-79 80+ :: WHITE PHALES :: AGE(x) 0 1 2 3 4 5-9 10-14	0.303895 0.423822 1.000000 000000 0000000 0000000000000	38611 30142 20982 12089 1 (x) . 100000 77171 73003 71228 70124 69303	D(x) 22829 4168 1704 4168 1775 1104 821 2228	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98645 0.98646 0.97837 0.97381	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3128981	e(x) 38.42 48.68 50.44 50.69 50.07 46.65	m(x) 0.26951 0.02463 0.0176 0.05579 0.02463 0.01563 0.01178 0.00653	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842 77215	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 7677 75777	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.990657 0.98322 0.98824 0.98142 0.97758	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.79 53.92 53.64 53.19	0.03403 0.04851 0.06838 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555
75-79 80+ WHITE P MALES: AGE(X) 0 1 2 3 4 5-9 10-14 15-19	0.303895 0.423822 1.000000 0PULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.020047	38611 30142 20982 12089 1(x) 100000 77171 73003 71228 70124 69303 67075	D(x) 22829 4168 1775 1104 621 2228 1345	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98646 0.97837 0.97831 0.97449	T(x) 3841756 3757051 3682339 3610277 3539623 346926 3128981 2796967	e(x) 38.42 4.48 50.44 50.69 50.44 50.07 46.65 42.55	m(x) 0.22319 m(x) 0.26951 0.05579 0.02463 0.01563 0.01178 0.00653 0.00405	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842 77215 76184	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 7677 75777	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98332 0.98824 0.98142	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62	0.03403 0.04851 0.06838 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349
75-79 80+:: WHITE PMALES: AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.22828 0.054010 0.024316 0.015503 0.011705 0.032145 0.020047 0.031083 0.046077 0.050549	38611 30142 20982 12089 1 (x) 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753	D(x) 22829 4168 1775 1104 621 2228 1345 2043 2935 3071	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045 0.97837 0.97381 0.97449 0.96154 0.95174	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277 3539623 3128981 2796967 2473422 2473422 2162322	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59	m(x) 0.26951 0.05579 0.02463 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01037	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 76842 77215 76184 75402 73337 72068	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 355298	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98332 0.98142 0.97758 0.97758	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3638943 3275431	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.79 53.92 53.64 53.19 49.62	0.03403 0.04851 0.06838 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568
75-79 80+ 1	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.032047 0.031083 0.046077 0.050539 0.0556369	38611 30142 20982 12089 1(x) 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682	D(x) 22829 4168 8775 1104 821 2228 1345 2043 2935 3071 3251	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98645 0.98645 0.97837 0.97381 0.97449 0.94514 0.95174 0.95174	264652 136844 54166 T(x) 3841756 3757051 3682339 3610227 3539623 3469926 3128981 2796967 2473422 2162322 1866233	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35	m(x) 0.26951 0.05579 0.02463 0.01563 0.01563 0.01178 0.00653 0.00631 0.00943 0.01037 0.0137	55-59 0.119508 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 75777 371848 363512 355298 343421	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98832 0.98824 0.97758 0.977740 0.96557 0.95847	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3638943 32754313	17.27 14.28 11.47 8.95 6.61 4.42 44.10 52.39 53.79 53.79 53.92 49.62 45.45 41.69	m(x) 0.19765 0.04531 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.005555 0.00349 0.00568
75-79 80+ : WHITE P HALES : AGE (x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015705 0.032145 0.032047 0.031033 0.046077 0.050549 0.056369 0.056369 0.056389	38611 30142 20982 12089 1(x) 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682	B470 9160 8892 12089 D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 280281	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96045 0.98646 0.97837 0.97837 0.976154 0.97449 0.96154 0.95174 0.94662 0.94662 0.94662	264652 136844 54166 T(x) 3841756 3757051 3682339 361027 3539623 3469926 3128981 2796967 2473422 2162322 1866235 1585954	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35 29.14	m(x) 0.26951 0.05579 0.02463 0.01563 0.00405 0.00631 0.00943 0.01037 0.01160 0.01309	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027982 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 76184 75402 73337 72068 70051 67317	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 355298 343421 329160	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98322 0.98824 0.97158 0.97740 0.96657 0.95847	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321567 4241227 4163247 4086568 4010791 1638943 3275431 2920133 2576712	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 36.28	m(x) 0.19765 0.04518 0.19765 0.02608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00796
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.0204316 0.015503 0.011705 0.032145 0.020047 0.031083 0.046077 0.050549 0.056369 0.063389 0.063389	38611 30142 20982 12089 1.(x). 100000 77171 73003 71228 70124 69303 67075 65731 63667 60753 57682 54430 50980	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3666	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 263562 245885	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045 0.97837 0.97837 0.97349 0.96154 0.95174 0.95174 0.95174 0.95174 0.95174 0.95174 0.95174 0.95174	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277 339923 3469926 3129981 2796967 2473422 2162322 186235 1585954	e(x) 38.42 4.48 50.44 50.69 50.48 50.48 50.49 50.48 50.69 50.48 50.69 50.49 50.49 50.49 50.49 50.49 50.49 50.49 50.49 50.49 50.49	m(x) 0.26951 0.05579 0.01663 0.01178 0.00653 0.010653 0.00405 0.00631 0.00943 0.011037 0.01160 0.01309 0.01467	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.048200	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 2017 2734 2971 3102	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 355298 343421 329160 313979	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98142 0.97758 0.97758 0.975847 0.95887 0.95388	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4163247 416328 4010791 1638943 3275431 2920133 2576712 2247553	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.79 53.19 49.62 45.45 41.69 38.28	0.03403 0.04851 0.06838 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00902 0.00988
75-79 80+ : WHITE P MALES : AGE(x) 0	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.03003 0.04007 0.03003 0.056369 0.056369 0.056369 0.063389 0.063389 0.063389 0.083360	38611 30142 20982 12089 1(x) 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374	D(x) 22829 4168 1775 1104 821 2282 1104 821 228 1345 2043 2935 3071 3251 3450 3606 3949	171882 127808 82677 54166 L(x) 84705 74712 72065 49697 340945 332014 323545 311101 296087 280281 263526 245885 225996	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98646 0.97837 0.97381 0.97449 0.95174 0.95174 0.94662 0.94022 0.93306	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3129891 2796967 2473422 2162322 2162322 1585954 1322428 1076543	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 12.35 29.14 22.72	m(x) 0.26951 0.05579 0.02463 0.01563 0.01563 0.01663 0.00631 0.00943 0.01037 0.01160 0.01309 0.01467 0.01467	55-59 0.119508 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.048200 35-39 0.051277	45732 40263 33949 26605 18837 11172 2.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 777980 76679 75777 371848 363512 355298 343421 329160 313979 298374	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98332 0.98824 0.98142 0.98142 0.95388 0.95388 0.95388	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3275431 2920133 2576712 2247553 1933573	17.27 14.28 11.47 8.95 6.61 4.42 6(x) 44.10 52.39 53.79 53.92 53.64 55.19 49.62 45.45 41.69 38.28 34.93 31.57	m(x) 0.19765 0.04538 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00902 0.00988 0.01053
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.22829 0.054010 0.024316 0.015705 0.031033 0.046077 0.050549 0.056369 0.056309 0.063389 0.070740 0.083360 0.101226	38611 30142 20982 12089 1(x) 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 26086 245885 226996	0.74358 0.64689 0.65516 0.00000 P(x) 0.88823 0.96045 0.98646 0.97837 0.97449 0.96154 0.95174 0.95174 0.94662 0.9730 0.94662 0.9730 0.96154 0.95154 0.95154 0.95154 0.95154	T(x) 3841756 3757051 3682339 3610273 3369926 3128981 2796967 2473422 2162322 1866235 1585954 1322428 1076543 849547	e(x) 38.42 48.69 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35 29.14 25.94 22.72	m(x) 0.26951 0.05579 0.02463 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01037 0.01160 0.01309 0.01467 0.01740 0.02132	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (6) AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.048200 35-39 0.051277 40-44 0.0556664	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 76842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3102 3163	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 355298 343421 329160 313979 298374 298374	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97058 0.97758 0.97758 0.97758 0.97740 0.96657 0.95837 0.95830 0.95930	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1933573 1933573	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14	m(x) 0.19765 0.04518 0.10216 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00549 0.00568 0.00796 0.00988 0.01053 0.01162
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.032145 0.032145 0.032047 0.031083 0.046077 0.050549 0.056369 0.070740 0.083360 0.010126	38611 30142 20982 12089 1.(x). 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 47374 43425	D(x) 22829 4168 1705 1104 821 2228 1345 2043 2935 3071 3251 3450 3071 3251 3450 3494 4396 5254	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 331101 296087 280281 263526 245885 226996 206134	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045 0.97837 0.97837 0.97318 0.96154 0.95174 0.96154 0.95174 0.9616 0.93318 0.90810 0.93318 0.90810 0.88297 0.88297	264652 136844 54166 T(x) 3841756 3757051 3610277 539623 3469926 3126981 2796967 2473422 2162322 186235 1585954 1322428 1076543 849547 643412	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35 29.14 22.72 19.56	m(x) 0.26951 0.05579 0.02563 0.01563 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.056535	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 67347 61347 61345 58105 58105	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593	214986 185529 151383 113604 75023 49418 0.922418 L(x) 886616 80336 77980 75777 371848 363512 355298 343421 329160 313979 298374 282321 265137	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98142 0.97758 0.97758 0.975847 0.95383 0.94620 0.93913 0.94620	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4163247 416328 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68	m(x) 0.19765 0.04515 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00796 0.00796 0.00988 0.01053 0.01162 0.01355
75-79 80+ : WHITE P MALES : AGE(x) 0	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.031083 0.046077 0.030383 0.046077 0.050549 0.056369 0.056369 0.056369 0.073780 0.083360 0.101226 0.134608 0.134608	38611 30142 20982 12089 1,00000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425 39029 33775	B470 9160 8892 12089 D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3949 4396 5254 5868	171882 127808 82677 54166 L(x) 84705 74712 700654 69697 340945 332014 323545 311101 296087 280281 263526 245885 226996 206134 182011 154208	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98645 0.97649 0.97649 0.97649 0.97649 0.97622 0.93306 0.94622 0.93306 0.92318 0.92318 0.92010 0.84725 0.84725	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3128981 2796967 2473422 2163232 1866235 158954 1322428 849547 6434101	e(x) 38, 42 48,68 50,44 50,69 50,48 50,07 46,65 42,55 38,84 35,59 32,35 29,14 25,94 42,72 19,56	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01160 0.00631 0.00943 0.01037 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805	55-59 0.119508 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.048200 35-39 0.051277 40-44 0.056464 45-49 0.056535 50-54 0.086262	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 76842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3102 3163	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 3251298 343421 329160 313979 298374 282321 265137 245577	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97058 0.97758 0.97758 0.97758 0.97740 0.96657 0.95837 0.95830 0.95930	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4163247 416328 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199	e(x) 44.10 52.39 53.79 53.92 53.64 54.69 38.28 34.53 31.57 28.14 24.68 21.23	m(x) 0.19765 0.04518 0.10216 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00549 0.00568 0.00796 0.00988 0.01053 0.01162
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.011705 0.031083 0.046077 0.056369 0.063389 0.070740 0.083360 0.101226 0.101226 0.131668 0.117266	38611 30142 20982 12089 1(x) - 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425 39029 33775 27908	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 5254 5866 5663	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 26086 245885 226996 206134 182011 154208	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98045 0.97837 0.97837 0.97318 0.96154 0.95174 0.96154 0.95174 0.9616 0.93318 0.90810 0.93318 0.90810 0.88297 0.88297	264652 136844 54166 T(x) 3841756 3757051 3610277 539623 3469926 3126981 2796967 2473422 2162322 186235 1585954 1322428 1076543 849547 643412	e(x) 38.42 48.69 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35 29.14 25.94 22.72 19.56 16.49 13.66	m(x) 0.26951 0.05579 0.02563 0.01563 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.056535	45732 40263 33949 26605 18837 11172 2.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 51231	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 8036 77980 76679 75777 371848 363512 355298 343421 329160 313979 298374 282321 265137 245572 221956	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98332 0.98824 0.97758 0.97740 0.95388 0.95030 0.96620 0.95388 0.95030 0.96620	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23	m(x) 0.19765 0.04531 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00902 0.00988 0.01053 0.01162 0.01355
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.031083 0.046077 0.030383 0.046077 0.050549 0.056369 0.056369 0.056369 0.070383 0.011226 0.013266 0.101226 0.134608 0.1134608	38611 30142 20982 12089 1,00000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425 39029 33775	B470 9160 8892 12089 D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3949 4396 5254 5868	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 3311101 296087 280281 263526 245885 226996 206134 182011 154208 123132	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.98645 0.98646 0.97837 0.96154 0.95174 0.96154 0.95174 0.94662 0.9308 0.92318 0.90010 0.88297 0.84725 0.79488	264652 136844 54166 T(x) 3841756 3757051 1682339 3610277 3539623 3469926 3128981 22796967 2473422 2162322 1866235 1585954 1322428 1076543 849547 643412 461401	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35 29.14 25.94 22.72 19.56 11.66 11.61	m(x) 0.26951 0.05579 0.02463 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.048200 35-39 0.055355 50-54 0.058265 55-59 0.119366	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 76842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 51231 46998	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233 5214	214986 185529 151383 113604 75023 49418 0.922418 0.922418 14(x) 886616 80336 77980 75777 371848 363512 325169 343421 329160 313979 298374 282321 265137 245572 221956 193858	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.9657 0.97058 0.97758 0.97740 0.96557 0.95847 0.95847 0.95832 0.95938 0.95030 0.96520 0.93913 0.94620 0.94620 0.94630 0.94630 0.94630	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 10877418	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84	m(x) 0.19765 0.4513 0.06839 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00568 0.00796 0.00902 0.00988 0.01053 0.01162 0.01355 0.01724 0.02349
75-79 80+ : WHITE P MALES : AGE(x) 0	0.303895 0.423822 1.000000 COPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.031083 0.046077 0.031083 0.046077 0.056349 0.056369 0.070740 0.083380 0.1012666 0.101266 0	38611 30142 20982 12089 1.(x) . 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 50980 47374 43425 233775 27908	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3071 3251 3454 5666 3949 4396 5868 6638	171882 127808 82677 54166 L(x) 84705 74712 700654 69697 340945 332014 323545 311101 296087 280281 263526 245885 226996 206134 182011 154208 123132 90130	0.74358 0.64689 0.65516 0.00000 0.88203 0.98645 0.98645 0.97837 0.97837 0.97318 0.95154 0.94662 0.94022 0.94022 0.94022 0.93108 0.90810 0.88297 0.88297 0.88297 0.88297	264652 136844 54166 T(x) 3841756 3757051 3682339 3610277 539623 3469926 3126981 2796967 2473422 2162322 1866235 1585954 1322428 1076543 849547 643412 461401 307194 184061	e(x) 38, 42 48,68 50,44 50,69 50,48 50,07 46,65 42,55 38,84 35,59 32,35 29,14 25,94 22,72 19,56 11,01 8,63	m(x) 0.26951 0.05579 0.02583 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01167 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 58824 51231 46998 41784	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233 5214 6025	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 329160 313979 298374 282321 265137 245572 221956 193588 160916	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98142 0.97758 0.95847 0.95383 0.94520 0.93613 0.93613 0.93913 0.93913 0.93913 0.93913 0.93913	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4085568 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741 842168 620213	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 24.12 21.79 21.48	m(x) 0.19765 0.04515 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00796 0.00796 0.00988 0.01053 0.01162 0.01355 0.01724 0.02349 0.03499 0.03198
75-79 80+ : WHITE P MALES : AGE(x) 0	0.303895 0.423822 1.000000 OPCLATION 1850 q(x) 0.228289 0.054010 0.024316 0.011705 0.031083 0.046077 0.050549 0.056369 0.063389 0.070740 0.083360 0.101226 0.134608 0.101226 0.134608 0.101226 0.134608 0.101226 0.134608 0.101226 0.134608 0.101226 0.134608 0.1424505 0.310999 0.424505 1.000000	38611 30142 20982 12089 12089 14 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425 39029 33775 27908 21345	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 5254 5866 6563 6638 6638 6434 8464	171882 127808 82677 54166 L(x) 84705 74712 700654 69697 340945 332014 323545 311101 296087 280281 263526 245885 226996 206134 182011 154208 123132 90130	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98645 0.97849 0.97649 0.97649 0.97649 0.97649 0.94652 0.94022 0.93306 0.92318 0.92318 0.92517 0.84725 0.7948 0.7948	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3126981 2796967 2473422 2163232 1866235 158954 1322428 1076543 849547 6431401 307194 184061 93931	e(x) 38, 42 48,68 50,44 50,69 50,48 50,07 46,65 42,55 38,84 35,59 32,35 29,14 25,94 22,72 19,56 11,01 8,63	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 58824 51231 46998 41784 35759 28607 20717	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233 5214 6025 7152 7890	214986 185529 151383 113604 75023 49418 0.922418 0.922418 0.922418 14(x) 886616 80336 77980 75777 371848 363512 3251298 343421 329160 313979 298374 282321 265137 245572 221956 193858 160916 123311 83925	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98124 0.97758 0.97758 0.97450 0.96557 0.95847 0.95383 0.94520 0.93913 0.93913 0.93913 0.87341 0.8300	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4063268 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741 842168 620213 426354 265438 142127	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.86	m(x) 0.19765 0.04518 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00988 0.01053 0.01162 0.01355 0.01724 0.03108 0.04444 0.06399 0.09371
75-79 80+ : WHITE P MALES : AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-59 70-74 75-79 80+	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.01705 0.032145 0.01705 0.032145 0.031083 0.046077 0.031083 0.046077 0.050549 0.056369 0.063389 0.063080 0.101226 0.1031083 0.101226 0.1031083	38611 30142 20982 12089 1(x) - 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 50980 47374 43425 39029 33775 27908 21345 14707 8467	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 5254 5866 6563 6638 6638 6434 8464	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 632014 323545 332014 323545 311101 296087 280281 26096 245885 226996 245885 226996 245885 226996 245885 226996 34696 34796 34	0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98645 0.97849 0.97649 0.97649 0.97649 0.97649 0.94652 0.94022 0.93306 0.92318 0.92318 0.92517 0.84725 0.7948 0.7948	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3126981 2796967 2473422 2163232 1866235 158954 1322428 1076543 849547 6431401 307194 184061 93931	e(x) 38, 42 48,68 50,44 50,69 50,48 50,07 46,65 42,55 38,84 35,59 32,35 29,14 25,94 22,72 19,56 11,01 8,63	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604 80+ 1.000000	45732 40263 33949 26605 18837 11172 2.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 4784 35759 28607 20717 20717 12853	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3100 3281 3593 4233 5214 6025 7152 7890 7890 7890 7890 7890 7890 7890 7890	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 329160 313979 298374 282321 265137 245572 221956 193858 160916 123311 83925 58202	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.9832 0.9758 0.97740 0.9588 0.97740 0.9588 0.9538 0.9538 0.9538 0.9538 0.9538 0.9538 0.9538 0.9538 0.9538 0.9538 0.9538	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741 842168 620213 426354 4265434	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.86	m(x) 0.19765 0.4651 0.19765 0.04535 0.00349 0.00355 0.00349 0.00568 0.00796 0.00902 0.00988 0.01053 0.01162 0.01355 0.01724 0.02349 0.03108 0.04444 0.06399
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.024316 0.011705 0.032145 0.031083 0.046077 0.050549 0.056369 0.063389 0.070360 0.101226 0.134608 0.101226 0.134608 0.101226 0.134608 0.14974 0.235153 0.31099 0.424505 1.000000 Alpha=	38611 30142 20982 12089 1(x) - 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 50980 47374 43425 39029 33775 27908 21345 14707 8464 0.259452	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 5254 5663 6663 6638 6443 8464 8eta=	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 26086 245885 226996 245885 226996 245885 226996 346885 26996 346885 26996 346885	P(x) 0.64589 0.60000 P(x) 0.88203 0.96453 0.98646 0.97837 0.97381 0.97449 0.96154 0.95174 0.94662 0.92318 0.90010 0.88297 0.84725 0.79848 0.73198 0.64270 0.62156 0.00000	T(*) 3841756 3757051 3682339 3610277 3539623 3469926 3128981 2796967 2473422 2162322 1866235 15865954 1322428 1076543 849547 643401 307194 184061 93931 366005	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 25.94 22.72 19.56 11.01 8.62 6.39 4.25	m(x) 0.26951 0.05579 0.02463 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01309 0.01467 0.01309 0.01467 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604	45732 40263 33949 26605 18837 11172 2.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 4784 35759 28607 20717 20717 12853	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3100 3281 3593 4233 5214 6025 7152 7890 7890 7890 7890 7890 7890 7890 7890	214986 185529 151383 113604 75023 49418 0.922418 0.922418 0.922418 14(x) 886616 80336 77980 75777 371848 363512 3251298 343421 329160 313979 298374 282321 265137 245572 221956 193858 160916 123311 83925	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98124 0.97758 0.97758 0.97450 0.96557 0.95847 0.95383 0.94520 0.93913 0.93913 0.93913 0.87341 0.8300	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4063268 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741 842168 620213 426354 265438 142127	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.86	m(x) 0.19765 0.04518 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00988 0.01053 0.01162 0.01355 0.01724 0.03108 0.04444 0.06399 0.09371
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.032145 0.032047 0.031083 0.046077 0.056349 0.056349 0.056349 0.070740 0.083360 0.101226 0.134668 0.173724 0.31083 0.44655 1.0000000 Alpha= 3.1850 q(x)	38611 30142 20982 12089 1.(x) . 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 50980 47374 43425 233775 27908 21345 14707 8464 0.259452	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3071 3251 3450 3666 3949 4396 6563 6638 6243 8464 Beta=	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 331101 296087 280281 263526 245885 226996 245885 226996 245885 226996 36005 0.938293 L(x)	P(x) 0.74358 0.64689 0.65516 0.00000 P(x) 0.88203 0.96453 0.98645 0.97837 0.97381 0.97449 0.96154 0.95174 0.96160 0.9318 0.90810 0.9318 0.90810 0.9318 0.90810 0.9318 0.90810 0.9318 0.90810 0.9318 0.90810 0.9318 0.90810 0.9318	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3128981 2796967 2473422 21626235 1585954 1322428 1076543 849547 643412 461401 307194 184061 93931 36005	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 35.59 32.35 29.14 22.72 19.56 11.01 8.62 6.39 4.25	m(x) 0.26951 0.05579 0.02463 0.01563 0.01178 0.00653 0.00405 0.00631 0.00943 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604 80+ 1.0000000 Alpha=	45732 40263 33949 26605 18837 11172 2.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 4784 35759 28607 20717 20717 12853	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3100 3281 3593 4233 5214 6025 7152 7890 7890 7890 7890 7890 7890 7890 7890	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 363512 329160 313979 298374 282321 265137 245572 221956 193858 160916 123311 83925 58202	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98124 0.97758 0.97758 0.97450 0.96557 0.95847 0.95383 0.94520 0.93913 0.93913 0.93913 0.87341 0.8300	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4063268 4010791 1638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741 842168 620213 426354 265438 142127	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.86	m(x) 0.19765 0.04518 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00988 0.01053 0.01162 0.01355 0.01724 0.03108 0.04444 0.06399 0.09371
75-79 80+ :	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.01705 0.032145 0.01705 0.032145 0.046077 0.031083 0.046077 0.031083 0.046077 0.050549 0.056369 0.063389 0.0630389 0.0630389 0.101226 0.070378 0.134608 0.134508 0.134508 0.134508 0.134508 0.134508 0.144505 1.000000 Alpha= S 1850 q(x) 0.205960	38611 30142 20982 12089 1,00000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425 33075 27908 21345 14707 8464 0.259452	D(x) 22829 4168 1775 1104 821 2282 4168 1775 1104 821 2228 3071 3251 3450 3606 3949 4396 6563 6638 6243 8464 Beta=	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 263526 245885 226996 206134 182011 154208 123132 90130 57926 36005 0.938293	P(x) 0.88893 0.96453 0.9863 0.97837 0.97381 0.97449 0.96154 0.95174 0.94662 0.93306 0.92318 0.97649 0.4022 0.93306 0.92318 0.09010 0.88297 0.84725 0.79488 0.73198 0.64270 0.62156 0.00000	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3126981 2796967 2473422 21626225 1076543 849547 64361401 307194 184061 393931 36005	e(x) 38, 42 48,68 50,44 50,69 50,48 50,07 46,65 42,55 38,84 35,59 32,35 29,14 25,94 22,72 19,56 11,01 8,62 6,39 4,25	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379804 80+ 1.000000 Alpha=	45732 40263 33949 26605 18837 11172 0.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 451231 46998 41784 35759 28607 20717 12853 0.168652	5469 6314 7344 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 33521 46025 7152 7890 7890 7890 7890 7890 7890 7890 7890	214986 185529 151383 113604 75023 49418 0.922418 0.922418 0.922418 16679 75777 371848 363512 329160 313979 298374 282321 265137 245572 221956 193858 160916 123311 83925 58202 0.914300	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98332 0.98824 0.97758 0.97750 0.95380 0.96557 0.95380 0.96552 0.93831 0.96530 0.9650 0.96530 0.9650 0.96530 0.965	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3275431 2920133 2276731 2247553 1933573 1635199 1352878 1087741 842168 620213 426354 265438 142127 58202	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 6.86 6.86	m(x) 0.19765 0.4651 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00902 0.00988 0.01053 0.01162 0.01355 0.01724 0.02349 0.03108 0.04444 0.06399 0.09371 0.22083
75-79 80+ :: WHITE PHALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 75-79 80+ FEMALES AGE(x) 0 1	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.032145 0.032145 0.032145 0.050549 0.050549 0.050549 0.070740 0.083360 0.101226 0.134608 0.173724 0.235153 0.310939 0.424505 1.000000 Alpha= S 1850 q(x) q(x)=000000000000000000000000000000000000	38611 30142 20982 12089 1(x) . 100000 77171 73003 71228 70124 69303 67075 65731 65877 60753 57682 54430 50980 47374 43425 39029 33775 27908 21345 14707 8464 0.259452	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 5254 5663 6638 6243 8464 Beta=	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 332014 3231545 311101 296087 280281 26282 6245885 226996 206134 182011 154208 123132 90130 579605 0.938293	P(x) 0.88203 0.96453 0.98045 0.98045 0.98646 0.97381 0.97449 0.96154 0.95174 0.94662 0.9430 0.96150 0.9330 0.96453 0.96150 0.95174 0.94662 0.94022 0.94022 0.94022 0.94022 0.94022 0.94022 0.94022 0.94022 0.94022 0.94022 0.93080 0.92318 0.90800 0.88297 0.84725 0.79848 0.73198 0.64270 0.62156 0.00000	T(x) 3841756 3757051 3682339 3610277 5398623 3126981 2796967 2473422 2162322 1862235 1076543 849547 643412 461401 307194 184061 93931 36005	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 42.55 38.84 25.94 22.72 19.56 16.49 13.66 11.01 8.62 6.39 4.25	m(x) 0.26951 0.05579 0.02463 0.01563 0.01563 0.01563 0.00405 0.00631 0.00943 0.01037 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= 6 FEMALES 1860 AGE(x) q(x) 0 0.175145 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.048200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379504 80+ 1.000000 Alpha= BOTH SEXES 1860 AGE(x) q(x)	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 63317 64347 61245 58105 54824 51231 46938 41784 3575 28607 20717 12853 0.168652	5469 6314 7768 7768 7768 11172 Beta= D(x) 17515 3643 1628 1031 1622 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233 4233 4234 6025 7152 7890 7864 1285 8864 1285 8864 1285 1285 1285 1285 1285 1285 1285 1285	214986 185529 151383 113604 75023 49418 0.922418	0.86298 0.81596 0.175044 0.66039 0.65870 0.00000 P(x) 0.90657 0.9832 0.98824 0.97758 0.975847 0.95388 0.95030 0.94620 0.93913 0.92621 0.90383 0.94620 0.93913 0.96657 0.958847 0.68059 0.69599 0.69599 0.69399 0.69399	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 1638943 3275431 2920133 5276712 2247553 1933573 1635199 1352878 1087741 842168 620213 4265438 142127 58202	17.27 14.28 11.47 8.95 6.61 4.42 e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.86 4.53	m(x) 0.19765 0.4518 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00568 0.00796 0.00902 0.00988 0.01053 0.01162 0.01355 0.01724 0.02349 0.03108 0.04444 0.06399 0.09371 0.22083
75-79 80+ :: WHITE P HALES: AGE (x1 0 1 2 3 4 5 9 10 - 14 15 - 19 20 - 24 25 - 29 60 - 64 65 - 69 70 - 74 75 - 79 80 + PEMALES: AGE(x1 0 0 1 1 2 2 3 1 3 5 3 1 3 4 5 1 5 5 5 1 4 5 5 5 1 5 1 5 1 5 1 5 1	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.020047 0.031083 0.046077 0.031083 0.046077 0.050549 0.056369 0.063380 0.101260 0.101260 0.134608 0.173724 0.235153 0.31083 0.444505 1.0000000 Alpha= 1850 q(x) 0.203976	38611 30142 20982 12089 1.(x). 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 50980 47374 43425 24930 21345 14707 8464 0.259452 1(x) 100000 79404 75316	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 6563 6638 6243 8464 Beta= D(x) 20596 4088	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 3311101 296087 280281 263526 245885 226996 205134 182011 154208 123132 90130 57926 36005 0.938293 L(x) 86613 76992 74359	P(x) 0.88203 0.96453 0.98045 0.98045 0.97831 0.97849 0.96154 0.95174 0.94662 0.94022 0.94022 0.94022 0.79318 0.90810 0.088297 0.84725 0.79848 0.73198 0.62156 0.00000	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3128981 2796967 2473422 21626222 1866235 1585954 1322428 1076543 849547 643412 461401 307194 184061 93931 36005 T(x) 4056155 3969543 3892250	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 42.55 38.84 35.59 32.35 29.14 22.72 19.56 611.01 8.62 6.39 4.25	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01178 0.00653 0.00137 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.004166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604 80+ 1.000000 Alpha= BOTH SEXES 1860 AGE(x) q(x) 0 0.181287	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 76184 75402 73337 72068 70051 67317 64347 61245 58105 58824 51231 46998 41784 35759 28607 12853 0.168652	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233 5214 6025 7152 7896 12853 Beta= D(x) 18129	214986 185529 151383 113604 75023 49418 0.922418 L(x) 886616 80336 77980 75777 371848 363512 355298 343421 329160 313979 298374 282321 265137 245572 221956 193858 160916 123311 83925 58202 0.914300 L(x) 88035	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98824 0.97758 0.97740 0.96657 0.95887 0.95880 0.94620 0.93913 0.92621 0.93933 0.87341 0.68059 0.68059 0.68059 0.68059 0.68059 0.6900000	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 1087741 842168 620213 42654 265438 142127 58202	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.4.53	m(x) 0.10326 0.4651 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00902 0.00553 0.01162 0.01355 0.01724 0.02349 0.0349 0.04444 0.06399 0.09371 0.22083
75-79 80+ :: WHITE P MALES :: AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 80+ FEMALES AGE(x) 0 1 2 3	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.01705 0.032145 0.01705 0.032145 0.020047 0.031083 0.046077 0.031083 0.046077 0.031083 0.046077 0.1050549 0.056369 0.063389 0.063389 0.040000 0.134608 0.173724 0.2355153 0.310899 0.424505 1.000000 Alpha= 5 1850 0.101260 0.015479 0.023976 0.023976 0.023976 0.021976	38611 30142 20982 12089 100000 77171 73003 71228 70124 69303 67075 65731 63687 60753 57682 54430 50980 47374 43425 39029 33775 27908 21345 14707 8464 0.259452	D(x) 22829 4168 1775 1104 821 2228 1345 2043 3071 3251 3450 3606 3949 4396 5254 5868 6563 6638 6643 8464 Beta= D(x) 20596 4088 1368	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 340945 332014 323545 311101 296087 280281 263526 245885 226996 206134 182011 154208 123132 90130 57926 36005 0.938293	P(x) 0.88293 0.96045 0.98045 0.97837 0.97831 0.97449 0.95174 0.94662 0.93306 0.95174 0.94662 0.93306 0.95174 0.94662 0.00000	T(x) 3841756 3757051 3682339 3610277 3539623 3469926 3126981 2796967 2473422 2163232 1866235 158954 1322428 1076543 849547 6434101 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 184061 307194 3092550 3892550	e(x) 38, 42 48, 68 50, 44 50, 69 50, 48 50, 07 46, 65 42, 55 38, 84 35, 59 32, 35 29, 14 25, 94 22, 72 19, 56 11, 01 8, 63 4, 25 4, 25 4, 25 6, 39 4, 25 6, 39 4, 25 6, 39 4, 25 6, 39 6, 39 6	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.044166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604 80+ 1.000000 Alpha= BOTH SEXES 1860 AGE(x) q(x) 0 0.181287 1 0.044104	45732 40263 33949 26605 18837 11172 2.121362 1(x) 100000 82485 78842 77215 76184 75402 73337 72068 70051 67317 64347 61245 58105 54824 4784 35759 28607 20717 12853 0.168652	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 7822 2065 1269 2017 2734 2971 3102 3140 3281 3521 46025 7152 7890 7890 7812 7890 7852 7890 7852 7890 7852 7890 7852 7890 7852 7890 7852 7890 7852 7890 7852 7890 7852 7852 7852 7853 884a=	214986 185529 151383 113604 75023 49418 0.922418 L(x) 88616 80336 77980 76679 75777 371848 3632512 329160 313979 298374 282321 245572 221956 193858 160916 123311 839255 55202 0.914300	0.86298 0.81596 0.175044 0.66039 0.65870 0.00000 P(x) 0.90657 0.97067 0.98332 0.98824 0.97758 0.97757 0.95847 0.955847 0.955847 0.955840 0.96557 0.96651 0.96657 0.96631 0.68059 0.69349 0.000000	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4086568 4010791 3638943 3275431 2920133 2576712 2247553 1933573 1635199 1352878 16266438 142127 58202 T(x) 4364172 4364172 4364172 4364172	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 24.23 17.92 14.84 6.86 6.86 4.53	m(x) 0.03403 0.04851 0.06839 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00988 0.01053 0.01162 0.01355 0.01724 0.02349 0.03108 0.016399 0.09371 0.22083
75-79 80+ :: WHITE PHALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 65-69 70-74 75-79 80+ FEMALES AGE(x) 0 1 2 3 4	0.303895 0.423822 1.000000 OPULATION 1850 q(x) 0.228289 0.054010 0.024316 0.015503 0.011705 0.032145 0.020047 0.031083 0.046077 0.031083 0.046077 0.050549 0.056369 0.063380 0.101260 0.101260 0.134608 0.173724 0.235153 0.31083 0.444505 1.0000000 Alpha= 1850 q(x) 0.203976	38611 30142 20982 12089 1.(x). 100000 77171 73003 71228 70124 69303 67075 65731 63697 60753 57682 54430 50980 47374 43425 24930 21345 14707 8464 0.259452 1(x) 100000 79404 75316	D(x) 22829 4168 1775 1104 821 2228 1345 2043 2935 3071 3251 3450 3606 3949 4396 6563 6638 6243 8464 Beta= D(x) 20596 4088	171882 127808 82677 54166 L(x) 84705 74712 72062 70654 69697 332014 32345 331101 296087 280281 26098 26193 2	P(x) 0.88203 0.96453 0.98045 0.98045 0.97831 0.97849 0.96154 0.95174 0.94662 0.94022 0.94022 0.94022 0.79318 0.90810 0.088297 0.84725 0.79848 0.73198 0.62156 0.00000	T(x) 3841756 3757051 3682339 3610277 5398623 3126981 2796967 2473422 2162322 1866235 132428 1076543 849547 643412 461401 33931 36005 T(x) 4056155 3969543 3892550 3818191	e(x) 38.42 48.68 50.44 50.69 50.48 50.07 46.65 42.55 38.84 25.94 22.72 19.56 16.49 13.66 11.01 8.62 6.39 4.25	m(x) 0.26951 0.05579 0.02463 0.01178 0.00653 0.01178 0.00653 0.00137 0.01160 0.01309 0.01467 0.01740 0.02132 0.02886 0.03805 0.05330 0.07365 0.10778 0.23507	55-59 0.119588 60-64 0.156823 65-69 0.216328 70-74 0.291967 75-79 0.406895 80+ 1.000000 Alpha= (FEMALES 1860 AGE(x) q(x) 0 0.175146 1 0.004166 2 0.020644 3 0.013351 4 0.010263 5-9 0.027385 10-14 0.017307 15-19 0.027982 20-24 0.039029 25-29 0.044128 30-34 0.046200 35-39 0.051277 40-44 0.056464 45-49 0.065535 50-54 0.082625 55-59 0.110936 60-64 0.144195 65-69 0.199997 70-74 0.275812 75-79 0.379604 80+ 1.000000 Alpha= BOTH SEXES 1860 AGE(x) q(x) 0 0.181287	45732 40263 33949 26605 18837 11172 0.121362 1 (x) 100000 82485 76184 75402 73337 72068 70051 67317 64347 61245 58105 58824 51231 46998 41784 35759 28607 12853 0.168652	5469 6314 7768 7665 11172 Beta= D(x) 17515 3643 1628 1031 782 2065 1269 2017 2734 2971 3102 3140 3281 3593 4233 5214 6025 7152 7896 12853 Beta= D(x) 18129	214986 185529 151383 113604 75023 49418 0.922418	0.86298 0.81596 0.75044 0.66039 0.65870 0.00000 P(x) 0.97067 0.9832 0.98824 0.97758 0.97740 0.96657 0.95887 0.95880 0.94620 0.93913 0.92621 0.93933 0.87341 0.68059 0.68059 0.68059 0.68059 0.68059 0.6900000	789943 574957 389428 238045 124441 49418 T(x) 4410178 4321563 4241227 4163247 4085568 4010791 1633943 3275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 2920133 275431 292013 29	e(x) 44.10 52.39 53.79 53.92 53.64 53.19 49.62 45.45 41.69 38.28 34.93 31.57 28.14 24.68 21.23 17.92 14.84 11.92 9.28 6.86 4.53	m(x) 0.10326 0.4651 0.10216 0.22608 m(x) 0.19765 0.04535 0.02087 0.01344 0.01032 0.00555 0.00349 0.00568 0.00796 0.00902 0.00553 0.01162 0.01355 0.01724 0.02349 0.0349 0.04444 0.06399 0.09371 0.22083

4 0.009936	75676	752	75285	0.98180	4042821	53.42	0.00999	1	0.049516	78564	3890	76269	0.96754	3958243	50.38	0.05101
5-9 0.026936	74924	2018		0.97800	3967536		0.00546	-	0.022254	74674	1662			3881974		0.02252
10-14 0.016933	72906	1235		0.97813	3597962		0.00342		0.014182	73012	1035		0.98761	3808181		0.01429
15-19 0.026895 20-24 0.038729	71671 69 744	1928 2701		0.96727 0.95903	3236520 2882983		0.00545		0.010706	71977 71206	771 2096	71576 350792	0.98019 0.97603	3735707 3664131		0.01077 0.00597
25-29 0.043292	67042	2902		0.95444	2541018	37.90	0.00885		0.029430	69111	1268	342383	0.97664	3313339	47.94	0.00370
30-34 0.047922	64140	3074		0.94980	2213061	34.50	0.00982		0.028471	67843	1932	334384	0.96474	2970956	43.79	0.00578
35-39 0.052594 40-44 0.058549	61066 57855	3212 3387		0.94451	1900045 1602743	-	0.01080 0.01206		0.042258	65911	2785			2636572	40.00	0.00863
45-49 0.068813	54467	3748		0.92310	1321938		0.01425		0.046413	63126 60196	2930 3120	30830 4 293179	0.95094	2313980 2005676		0.00950
50-54 0.085591	50719	4341		0.90029	1058971		0.01788		0.058399	57076	3333			1712498		0.01203
55-59 0.115156	46378	5341		0.86832	816228 597689		0.02444		0.065317	53742	3510	259937	0.92895	1435453		0.01350
60-64 0.150355 65-69 0.207963	41037 3 48 67	6170 7251	156208	0.82316 0.75857	407927	11.70	0.03252		0.077189	50232 46355	3877 4361	241467 220873	0.91471 0.89089	1175516 934049	23.40 20.15	0.01606
70-74 0.283692	27616	7834		0.67072	251719		0.06612		0.125717	41994	5279	196773	0.85677	713176		0.02683
75-79 0.392917	19782	7773	79477	0.67627	133224		0.09780		0.163252	36715	5994	168590	0.80964	516403		0.03555
80+ 1.000000	12009	12009	53748	0.00000	53748	4.48	0.22344		0.222749	30721	6843		0.74464	347813		0.05013
									0.297324	23878 16778	7099 6882	101641 66688	0.65611	211316 109675		0.06985 0.10319
WHITE POPULATION									1.000000	9897	9897	42987	0.00000	42987	4.34	0.23023
MALES 1870	2 41	B ()	• 4>	D ()	m ()	- 41			Alpha=	0.196986	Beta=	0.914480				
AGE(x) q(x) 0 0.185132	1(x) 100000	D(x) 18513	L(x) 87596	P(x) 0.90708	T(x) 4411388	e(x) 44.11	m(x) 0.21135	FEMALES	1880							
1 0.042232	81487	3441	79456	0.97235	4323791	53.06	0.04331	AGE(x)	q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.018993	78045	1482	77260	0.98474	4244335		0.01919		0.215266	100000	21527	86008	0.88478	4058674	40.59	0.25029
3 0.012114	76563 75636	927 692	76081 75276	0.98942	4167075 4090994	54.43 54.09	0.01219		0.051305	78473	4026	76098	0.96600	3972666	50.62	0.05291
4 0.009152 5-9 0.025235	74943	1891	369989	0.97945	4015719	53.58	0.00511		0.023741	7 4447 72680	1767 1110	73511 72103	0.98085	3896568 3823057	52.34 52.60	0.02404
10-14 0.015752	73052	1151	362384	0.97990	3645729		0.00318		0.011700	71570	837	71134		3750955		0.01177
15-19 0.024510	71902	1762	355102	0.96956	3283345	45.66	0.00496		0.031000	70732	2193	348180		3679820		0.00630
20-24 0.036527	70139	2562	344291	0.96163	2928243		0.00744		0.019478	68540	1335	_	0.97468	3331640		0.00393
25-29 0.040287 30-34 0.045205	67577 64855	2722 2932	331080 316944	0.95730 0.95187	2583952 2252872		0.00822		0.031276	67205 65103	2102 2814	330769 318479	0.96285 0.95425	2992279 2661511	44.52 40.88	0.00635
35-39 0.051198	61923	3170	301689	0.94569	1935928		0.01051		0.043222	62289	3014	303910	0.94970	2343032	37.62	0.00992
40-44 0.057593	58753	3384	285304	0.93711	1634239	27.82	0.01186	30-34	0.052320	59275	3101	288623	0.94632	2039121	34.40	0.01075
45-49 0.068517 50-54 0.084161	55369 51575	3794 4341	267360 247024	0.92394	1348935 1081575		0.01419 0.01757		0.055123	56174	3096	273129		1750498 1477370	31.16 27.83	0.01134
55-59 0.113621	47235	5367	222756	0.86960	834550		0.02409		0.060124	53077 49886	3191 3447	257409 240813	0.92265	1219960		0.01240
60-64 0.149334	41868	6252	193708	0.82426	611794		0.03228		0.086202	46439	4003	222187	0.90036	979147		0.01802
65-69 0.206783	35615	7365	159666	0.76058	418086		0.04613		0.114352	42436	4853	200048	0.87045	756960	17.84	0.02426
70-74 0.280567 75-79 0.393884	28251 20325	7926 8006	121438 81609	0.672 02 0.678 52	258421 136982	9.15 6.74	0.06527 0.09810		0.146717	37583 32069	5514	174131 144250	0.82840	556913 382782	14.82 11.94	0.03167
80+ 1.000000	12319	12319	55373	0.00000	55373		0.22247		0.273292	25631	6438 7005	110643	0.68503	238531	9.31	0.06331
	0.090207	Beta=	0,898031						0.372318	18626	6935	75794	0.68730	127888	6.87	0.09150
								80+	1.000000	11691	11691	52094	0.00000	52094	4.45	0.22443
FEMALES 1870 AGE(x) q(x)		D(x)	L(x)	P(x)	T(x)	e (x)	m(x)		Alpha=	0.256351	Beta=	0.875189				
	1 (x)															
0 0.166329	1(x) 100000	16633	89189	0.91267	4638113	46.38	0.18649	BOTH SI	XES 1880							
0 0.166329 1 0.039999	100000 83367	16633 3335	89189 81400	0.97351	4638113 4548924	46.38 54.56	0.18649 0.04097	AGE(x)	q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
0 0.166329 1 0.039999 2 0.018599	100000 83367 80032	16633 3335 1489	89189 81400 79244	0.97351 0.98498	4638113 4548924 4467525	46.38 54.56 55.82	0.18649 0.04097 0.01878	AGE(x) 0	q(x) 0.214823	l(x) 100000	21482	85822	0.88767	4050986	40.51	0.25031
0 0.166329 1 0.039999 2 0.018599 3 0.012004	100000 83367 80032 78544	16633 3335 1489 943	89189 81400	0.97351	4638113 4548924	46.38 54.56 55.82 55.87	0.18649 0.04097	AGE(x)	q(x) 0.214823 0.050432	1(x) 100000 78518	21482 3960	85822 76181	0.88767 0.96675	4050986 3965164	40.51 50.50	0.25031 0.05198
0 0.166329 1 0.039999 2 0.018599 3 0.012004	100000 83367 80032	16633 3335 1489	89189 81400 79244 78054	0.97351 0.98498 0.98944	4638113 4548924 4467525 4388281	46.38 54.56 55.82 55.87 55.54	0.18649 0.04097 0.01878 0.01208	AGE(x) 0 1	q(x) 0.214823	l(x) 100000	21482	85822 76181 73648	0.88767 0.96675 0.98147	4050986	40.51 50.50 52.16	0.25031
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502	100000 83367 80032 78544 77601 76886 74996	16633 3335 1489 943 715 1890 1163	89189 81400 79244 78054 77229 379705 372074	0.97351 0.98498 0.98944 0.98332 0.97990	4638113 4548924 4467525 4388281 4310227 4232998 3853293	46.38 54.56 55.82 55.87 55.54 55.06 51.38	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312	AGE(x) 0 1 2 3 4	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215	1(x) 100000 78518 74558 72842 71768	21482 3960 1716 1074 805	85822 76181 73648 72283 71350	0.88767 0.96675 0.98147 0.98708 0.97955	4050986 3965164 3888983 3815334 3743051	40.51 50.50 52.16 52.38 52.15	0.25031 0.05198 0.02330 0.01486 0.01128
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047	10000 83367 80032 78544 77601 76886 74996 73834	16633 3335 1489 943 715 1890 1163 1849	89189 81400 79244 78054 77229 379705 372074 364545	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507	AGE(x) 0 1 2 3 4 5-9	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234	1(x) 100000 78518 74558 72842 71768 70963	21482 3960 1716 1074 805 2146	85822 76181 73648 72283 71350 349452	0.88767 0.96675 0.98147 0.98708 0.97955 0.97533	4050986 3965164 3888983 3815334 3743051 3671701	40.51 50.50 52.16 52.38 52.15 51.74	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502	100000 83367 80032 78544 77601 76886 74996	16633 3335 1489 943 715 1890 1163	89189 81400 79244 78054 77229 379705 372074	0.97351 0.98498 0.98944 0.98332 0.97990	4638113 4548924 4467525 4388281 4310227 4232998 3853293	46.38 54.56 55.82 55.87 55.54 55.06 51.38	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312	AGE(x) 0 1 2 3 4 5-9 10-14	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215	1(x) 100000 78518 74558 72842 71768	21482 3960 1716 1074 805	85822 76181 73648 72283 71350	0.88767 0.96675 0.98147 0.98708 0.97955	4050986 3965164 3888983 3815334 3743051	40.51 50.50 52.16 52.38 52.15	0.25031 0.05198 0.02330 0.01486 0.01128
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872	89189 81400 79244 78054 77229 379705 372074 364545 353640 340511 326483	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009 0.96287 0.95880 0.95562	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507 0.00711 0.00804 0.00880	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496	21482 3960 1716 1074 905 2146 1302 2019 2800	85822 76181 73648 72283 71350 349452 340832 332528 320480	0.88767 0.96675 0.98147 0.98708 0.97955 0.97533 0.97564 0.96377 0.95496	4050986 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614 0.00382 0.00607 0.00874
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779	10000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923	89189 81400 79244 78054 77229 379705 372074 364545 353640 340511 326483 311994	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009 0.96287 0.95880 0.95562 0.95195	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507 0.00711 0.00804 0.00880 0.00937	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696	21482 3960 1716 1074 805 2146 1302 2019 2800 2973	85822 76181 73648 72283 71350 349452 340832 332528 320480 306047	0.88767 0.96675 0.98147 0.98708 0.97955 0.97533 0.97564 0.96377 0.95496	4050986 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 2328409	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614 0.00382 0.00607 0.00874 0.00971
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872	89189 81400 79244 78054 77229 379705 372074 364545 353640 340511 326483 311994	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009 0.96287 0.95880 0.95562	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507 0.00711 0.00804 0.00880	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422 0.052083	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723	21482 3960 1716 1074 905 2146 1302 2019 2800 2973 3111	85822 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837	0.88767 0.96675 0.98147 0.98708 0.97955 0.97533 0.97564 0.96377 0.95496 0.95030	4050986 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614 0.00382 0.00607 0.00874
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779	10000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073	89189 81400 79244 78054 77229 379705 372074 364545 353640 340511 326483 311994 297002	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009 0.96287 0.95880 0.95562 0.95195	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70	0.18649 0.04097 0.01878 0.01208 0.00312 0.00312 0.00507 0.00711 0.00804 0.00880 0.00937	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696	21482 3960 1716 1074 805 2146 1302 2019 2800 2973	85822 76181 73648 72283 71350 349452 340832 332528 320480 306047	0.88767 0.96675 0.98147 0.98708 0.97955 0.97533 0.97564 0.96377 0.95496 0.95030	4050986 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 2328409	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614 0.00382 0.00607 0.00874 0.00971 0.01070
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779 40-44 0.050431 45-49 0.0508596 50-54 0.074039 55-59 0.095788	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 54473 50440	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033	89189 81400 79244 78054 77229 379705 372074 364545 3340511 326483 311994 297002 2800843 262283 239618	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.88571	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 1206202 943919	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 32.82 29.28 25.70 22.14	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507 0.00711 0.00804 0.00880 0.00937 0.01035 0.01207 0.01207	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422 0.052083 0.056721 0.062657 0.073047	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 56612 53401 50055	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3211 3346 3656	85822 76181 73648 72263 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135	0.88767 0.96675 0.98147 0.98708 0.97955 0.97553 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232	4050986 3965164 3888983 3815334 3671701 3322249 2981417 2648889 2328409 2022363 1731525 1456492 1197852	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614 0.00382 0.00607 0.00874 0.00971 0.01070 0.01168 0.01294 0.01516
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779 40-44 0.050431 45-49 0.050831 45-49 0.0508596 50-54 0.074039 55-59 0.099786	100000 83367 80032 78544 77601 76886 74396 6733 63860 60937 57864 54473 50440	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033 5921	89189 81400 79244 78054 77229 379705 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232	0.97351 0.98498 0.98934 0.97990 0.97990 0.97976 0.976287 0.95880 0.95580 0.95595 0.94559 0.93392 0.9135 0.84551 0.84542	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 1206202 943919 704301	46.38 54.56 55.82 55.87 55.56 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507 0.00711 0.00804 0.00937 0.01035 0.01207 0.01538 0.02101 0.022790	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422 0.056721 0.062657 0.073047 0.090040	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 56612 53601 50055 46399	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3211 3346 3656 4178	85822 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549	0.88767 0.96675 0.98708 0.98708 0.97553 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232 0.91878 0.89574	4050986 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 1731525 1456492 1197852 956717	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62	0.25031 0.05198 0.02330 0.0128 0.01128 0.00614 0.00382 0.00607 0.00874 0.00971 0.01070 0.01168 0.01516 0.01516
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779 40-44 0.050431 45-49 0.0508596 50-54 0.074039 55-59 0.095788	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 54473 50440	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033	89189 81400 79244 78054 77229 379705 372074 364554 3645640 340511 326483 311994 297002 280843 262283 239618 212232 179424	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97009 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.88571	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 1206202 943919	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46	0.18649 0.04097 0.01878 0.01208 0.00926 0.00498 0.00312 0.00507 0.00711 0.00804 0.00880 0.00937 0.01035 0.01207 0.01207	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	q(x) 0.214823 0.050432 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.0477422 0.052083 0.056721 0.062657 0.073047 0.093040 0.119896	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 56612 53401 50055	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3211 3346 3656	85822 76181 73648 72283 71350 349452 340832 320480 306047 290837 275033 258641 241134 198450	0.88767 0.96675 0.98147 0.98708 0.97955 0.97553 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232	4050986 3965164 3888983 3815334 3671701 3322249 2981417 2648889 2328409 2022363 1731525 1456492 1197852	40.51 50.50 52.16 52.18 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41	0.25031 0.05198 0.02330 0.01486 0.01128 0.00614 0.00382 0.00607 0.00874 0.00971 0.01070 0.01168 0.01294 0.01516
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 15-39 0.045779 40-44 0.050431 45-49 0.050531 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523	100000 83367 80032 78544 77601 76886 73834 71984 659472 66733 63860 60937 57864 54473 50440 45407 39486 32284 22068	16633 3335 1489 943 715 1890 1163 1849 2513 2719 2872 2923 3073 3391 4033 5033 5921 7202 8216 8557	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949	0.97351 0.98498 0.98332 0.97976 0.97079 0.97079 0.95562 0.95195 0.94559 0.91358 0.91358 0.8571 0.84542 0.78518 0.70236 0.70236	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1206202 943919 704301 492069 312645 171766	46.38 54.56 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14	0.18649 0.04097 0.01208 0.01208 0.00926 0.00312 0.00507 0.00711 0.00880 0.00935 0.01207 0.01207 0.01207 0.02101 0.02790 0.0414 0.05832 0.05832 0.05848	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	q(x) 0.214823 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422 0.056721 0.062657 0.073047 0.090040	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 56612 53401 50055 46399 42221	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3211 3346 4178 5062	85822 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416	0.88767 0.96675 0.96174 0.98708 0.97955 0.97564 0.97564 0.95030 0.94566 0.94040 0.9332 0.91878 0.89574 0.86377 0.819610	4050986 3955164 3955164 3888983 3815334 3743051 3671701 264889 2328409 2022363 1731525 1456492 1197852 956717 735168 536718 365302	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63	0.25031 0.05198 0.02330 0.01446 0.01128 0.00617 0.00874 0.00971 0.01070 0.01516 0.01516 0.02535 0.0355 0.0355 0.0355
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000	100000 83367 80032 78544 77601 76886 74996 73834 71984 659472 66733 63860 60937 57864 54473 39486 32284 24086	16633 3335 1489 943 715 1890 2513 2739 2872 2923 3073 3391 4033 5033 5021 7202 8216 8557 15511	89189 81400 79244 78054 77229 379707 364545 351640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97620 0.95562 0.95552 0.95558 0.94559 0.93392 0.9358 0.9358 0.9358	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 12065202 943919 704301 492069 492069	46.38 54.56 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14	0.18649 0.04097 0.01278 0.01278 0.00226 0.00312 0.00507 0.00711 0.00804 0.00807 0.01035 0.01207 0.01207 0.01207 0.02101 0.022101 0.022101 0.02382	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	q(x) 0.21462 0.050432 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.042752 0.047422 0.052083 0.056721 0.062657 0.073047 0.119896 0.154783 0.211484 0.211484	1(x) 100000 78518 74558 72842 71768 68818 67515 65496 62696 59723 56612 53401 50055 46399 42221 37159 31407 24765	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3211 3346 4178 5062 5752 6642 7058	85822 76181 73648 72283 71350 349852 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180	0.88767 0.96675 0.98147 0.98708 0.97955 0.97533 0.97564 0.95030 0.94566 0.94040 0.93232 0.91878 0.85574 0.85377 0.81924 0.75610 0.67089	4050986 3955164 3985983 3886983 3815334 3743051 3672701 3322249 2981417 2648889 2022363 17731525 1456492 1197852 956717 735168 536718 365302 222871	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08	0.25031 0.0518 0.02330 0.02330 0.01486 0.01128 0.00614 0.00382 0.00671 0.01078 0.01168 0.01294 0.01516 0.02551 0.03355 0.04730 0.06648
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000	100000 83367 80032 78544 77601 76886 73834 71984 659472 66733 63860 60937 57864 54473 50440 45407 39486 32284 22068	16633 3335 1489 943 715 1890 2513 2739 2872 2923 3073 3391 4033 5033 5021 7202 8216 8557 15511	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949	0.97351 0.98498 0.98332 0.97976 0.97079 0.97079 0.95562 0.95195 0.94559 0.91358 0.91358 0.8571 0.84542 0.78518 0.70236 0.70236	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1206202 943919 704301 492069 312645 171766	46.38 54.56 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14	0.18649 0.04097 0.01208 0.01208 0.00926 0.00312 0.00507 0.00711 0.00880 0.00935 0.01207 0.01207 0.01207 0.02101 0.02790 0.0414 0.05832 0.05832 0.05848	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	q(x) 0.214823 0.050432 0.050432 0.023016 0.014741 0.011215 0.030234 0.018927 0.029908 0.047422 0.052083 0.056721 0.062657 0.073047 0.090040 0.114884	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 52976 59723 56612 53401 50055 46399 42221 37159 31407	21482 3960 1716 1074 805 2146 1302 2800 2973 3111 3211 3346 3656 4178 5062 5752 5662	85922 76181 73648 72283 71350 340832 32248 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235	0.88767 0.96675 0.96174 0.98708 0.97955 0.97564 0.97564 0.95030 0.94566 0.94040 0.9332 0.91878 0.89574 0.86377 0.819610	4050986 3955164 3955164 3888983 3815334 3743051 3671701 264889 2328409 2022363 1731525 1456492 1197852 956717 735168 536718 365302	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08	0.25031 0.05198 0.02330 0.01446 0.01128 0.00617 0.00874 0.00971 0.01070 0.01516 0.01516 0.02535 0.0355 0.0355 0.0355
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha=	100000 83367 80032 78544 77601 76886 74996 73834 71984 659472 66733 63860 60937 57864 54473 350440 45407 39486 32284 45511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 3923 3073 3391 4033 5033 5921 7202 8216 8257 15511 Beta=	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98249 0.872936	0.97351 0.98498 0.98948 0.98332 0.97990 0.97976 0.97576 0.95582 0.95562 0.95552 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 2095041 1784047 1487045 120522 943919 704301 492059 312645 171766 72817	46.3a 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 19.68 7.14 4.69	0.18649 0.04097 0.01878 0.01208 0.00926 0.00926 0.00312 0.00507 0.00711 0.00804 0.00937 0.01035 0.01207 0.01538 0.02101 0.02790 0.04014 0.05832 0.08648 0.21302	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	q(x) 0.21482 0.050432 0.050432 0.023016 0.012215 0.030234 0.018227 0.029908 0.042752 0.042752 0.052493 0.056721 0.062657 0.073047 0.090040 0.1154783 0.211484 0.285015 0.390704	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3241 3346 3656 4178 5062 5752 6642 7058 6919	85922 76181 73648 72283 71350 340832 32248 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235	0.88767 0.96767 0.98147 0.98708 0.97553 0.97554 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232 0.91878 0.85377 0.85377 0.85574 0.75610 0.67089	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648899 202363 1731525 956717 735168 536718 365302 224871 118691	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08	0.25031 0.05398 0.02330 0.01486 0.01128 0.00614 0.00332 0.00607 0.00871 0.01070 0.01294 0.01516 0.01294 0.02551 0.02551 0.02573 0.04730 0.06733
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.042040 35-39 0.045779 40-44 0.050431 45-49 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGR(x) Q(x)	100000 83367 80032 78544 77601 76896 74996 73834 71984 69472 66733 63860 60937 57864 54473 39486 32284 24068 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x)	89189 81400 79244 78054 77229 379705 372074 364540 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817 0.872936	0.97351 0.98498 0.98944 0.98312 0.97990 0.97976 0.97009 0.95562 0.95562 0.95592 0.931392 0.91358 0.70236 0.70236 0.70236 0.70236	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 1206502 943919 704301 492069 312645 171766 72817	46.3a 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 12.46 9.68 7.14 4.69	0.18649 0.04097 0.01208 0.00226 0.00292 0.00312 0.00507 0.00711 0.00804 0.00807 0.00937 0.01035 0.01207 0.01538 0.02101 0.025832 0.05832 0.05832 0.05832	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	q(x) 0.21482 0.050432 0.023016 0.014215 0.030234 0.018295 0.029908 0.042752 0.047422 0.052083 0.056721 0.062657 0.073047 0.090040 0.1154783 0.211484 0.285015 0.390706	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3241 3346 3656 4178 5062 5752 6642 7058 6919	85922 76181 73648 72283 71350 340832 32248 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235	0.88767 0.96767 0.98147 0.98708 0.97553 0.97554 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232 0.91878 0.85377 0.85377 0.85574 0.75610 0.67089	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648899 202363 1731525 956717 735168 536718 365302 224871 118691	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08	0.25031 0.05398 0.02330 0.01486 0.01128 0.00614 0.00332 0.00607 0.00871 0.01070 0.01294 0.01516 0.01294 0.02551 0.02551 0.02573 0.04730 0.06733
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.095786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501	100000 83367 80032 78544 77601 76896 74896 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550	89189 81400 79244 78054 77229 379705 372074 363451 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817 0.872936	0.97351 0.98498 0.98944 0.98332 0.97990 0.97076 0.97009 0.9580 0.95562 0.95195 0.94559 0.93392 0.91358 0.73591 0.70236 0.73591 0.70236	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 242523 2096041 1784047 1487045 1206202 943919 704301 492069 312645 171766 72817	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.040978 0.01208 0.001208 0.00926 0.00312 0.00507 0.00711 0.00804 0.00937 0.01207 0.01207 0.012101 0.02790 0.040812 0.08648 0.21302	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	Q(x) 0.21482 0.050432 0.023016 0.014741 0.012215 0.030234 0.018927 0.042752 0.047422 0.052693 0.056721 0.052657 0.073047 0.090040 0.119896 0.211484 0.285015 0.390706	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3241 3346 3656 4178 5062 5752 6642 7058 6919	85922 76181 73648 72283 71350 340832 32248 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235	0.88767 0.96767 0.98147 0.98708 0.97553 0.97554 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232 0.91878 0.85377 0.85377 0.85574 0.75610 0.67089	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648899 202363 1731525 956717 735168 536718 365302 224871 118691	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08	0.25031 0.05398 0.02330 0.01486 0.01128 0.00614 0.00332 0.00607 0.00871 0.01070 0.01294 0.01516 0.01294 0.02551 0.02551 0.02573 0.04730 0.06733
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.042040 35-39 0.045779 40-44 0.050431 45-49 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) Q(x)	100000 83367 80032 78544 77601 76896 74996 73834 71984 69472 66733 63860 60937 57864 54473 39486 32284 24068 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x)	89189 81400 79244 78054 77229 379705 372074 363451 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817 0.872936	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97976 0.95880 0.95562 0.95562 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.9456	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 242523 2096041 1784047 1487045 1206202 943919 704301 492069 312645 171766 72817	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.04097 0.01208 0.00226 0.00292 0.00312 0.00507 0.00711 0.00804 0.00807 0.00937 0.01035 0.01207 0.01538 0.02101 0.025832 0.05832 0.05832 0.05832	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	Q(x) 0.21482 0.050432 0.050432 0.03016 0.014741 0.012215 0.030234 0.018927 0.042752 0.047422 0.052043 0.052043 0.052043 0.0526721 0.062657 0.073047 0.090040 0.119896 0.154783 0.391776 1.0000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3241 3346 3656 4178 5062 5752 6642 7058 6919	85922 76181 73648 72283 71350 340832 32248 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235	0.88767 0.96767 0.98147 0.98708 0.97553 0.97554 0.97564 0.96377 0.95496 0.95030 0.94566 0.94040 0.93232 0.91878 0.85377 0.85377 0.85574 0.75610 0.67089	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648899 202363 1731525 956717 735168 536718 365302 224871 118691	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08	0.25031 0.05398 0.02330 0.01486 0.01128 0.00614 0.00332 0.00607 0.00871 0.01070 0.01294 0.01516 0.01294 0.02551 0.02551 0.02573 0.04730 0.06733
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.095786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.012058	100000 83367 80032 78544 77601 76896 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935	89189 81400 79244 78054 77229 379705 372074 363451 325483 311994 297002 280843 262283 23221 179424 140880 98949 72817 0.872936	0.97351 0.98498 0.98944 0.98332 0.97990 0.97976 0.97609 0.95562 0.95595 0.94559	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2765034 2422523 2096041 1784047 1487045 1206202 9439199 704301 492069 312645 171766 72817	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.040978 0.01208 0.001208 0.00926 0.00312 0.00507 0.00711 0.00804 0.00937 0.01207 0.01207 0.01218 0.02790 0.04211 0.05812 0.08648 0.21302	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+ WHITE: MALEE MALES MALES	q(x) 0.21482 0.050432 0.023016 0.014741 0.0112215 0.030234 0.018927 0.042752 0.047422 0.056721 0.0566721 0.073047 0.073047 0.073047 0.11484 0.285015 0.390706 1.000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2209 2870 2973 3111 3241 3346 3556 4178 5062 5752 5642 7058 6919 10787	85922 76181 73648 72283 71350 349452 3404832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235 47456	0.88767 0.96675 0.98147 0.98708 0.97533 0.97533 0.97564 0.95030 0.94566 0.95030 0.94566 0.94040 0.93232 0.91878 0.85574 0.85574 0.866619 0.67089 0.666619 0.00000	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 328409 2022363 1731525 1456492 1197852 936717 735168 536718 365302 224871 118691 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05198 0.02330 0.01486 0.011486 0.011486 0.010382 0.006614 0.00382 0.00607 0.01168 0.01294 0.01516 0.01886 0.02551 0.03355 0.044730 0.06648 0.09713 0.02731
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.05055 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704	89189 81400 79244 78054 77229 372074 364553 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 98949 0.872936	0.97351 0.98498 0.98948 0.98332 0.97990 0.97976 0.95880 0.95562 0.95562 0.94559 0.94359 0.93392 0.91358 0.84542 0.78518 0.70351 0.70000	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 120522 943919 704301 492059 312645 171766 72817	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.04097 0.01878 0.01208 0.00926 0.00926 0.00312 0.00507 0.00711 0.00804 0.00837 0.01035 0.01201 0.02101 0.02101 0.02404 0.05832 0.04014 0.05832 0.04014 0.05832 0.0101 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	q(x) 0.21462 0.050432 0.050432 0.03016 0.014741 0.010215 0.030234 0.018927 0.042752 0.047422 0.052083 0.052683 0.056721 0.062657 0.073047 0.090040 0.119896 0.154783 0.311844 0.285015 0.390776 1.000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 55612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 6642 7058 6919 10787	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235 47456	0.88767 0.96675 0.98147 0.982708 0.97533 0.97564 0.95379 0.95390 0.94566 0.94040 0.93232 0.91878 0.86377 0.81924 0.75510 0.67089 0.66619 0.00000	4050986 3955164 3985983 3886983 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 1179152 1456492 1197852 956717 735168 536718 365302 224871 118691 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.0518 0.02330 0.01486 0.01230 0.00614 0.00382 0.00671 0.01071 0.017516 0.01294 0.01516 0.02551 0.03355 0.04730 0.06648 0.09713 0.22731
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.042040 35-39 0.045779 40-44 0.050431 45-49 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGR(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024698	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 53860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891	89189 81400 79244 78054 77229 379705 372074 364540 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817 0.872936	0.97351 0.98498 0.98342 0.97990 0.97976 0.97009 0.95562 0.95562 0.95562 0.94559 0.94559 0.94559 0.94559 0.94559 0.94559 0.73591 0.70000 0.70000	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 12065202 943919 704301 492069 312645 171766 72817 743704 4525417 4437000 4356549 4276274 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184 420184	46.3a 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 4.69 e(x) 45.25 53.81 55.10 55.15 54.82	0.18649 0.040978 0.01208 0.001208 0.00926 0.00312 0.00507 0.00711 0.00804 0.00937 0.01207 0.01207 0.01218 0.02790 0.04211 0.05812 0.08648 0.21302	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	q(x) 0.21482 0.0250432 0.023016 0.014741 0.012215 0.030234 0.018927 0.029908 0.042752 0.047422 0.052083 0.056721 0.062657 0.073047 0.090040 0.1154783 0.211484 0.285015 0.390776 1.000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3111 3211 3346 3656 4178 5062 5752 6642 7058 6919 10787	85922 76181 73648 72283 71350 349452 340832 320288 320480 3258641 241135 221549 198450 171416 140431 106180 71235 47456	0.88767 0.96147 0.98170 0.9708 0.97953 0.97564 0.95393 0.94566 0.94040 0.93232 0.91878 0.85377 0.8924 0.75610 0.67089 0.66619 0.00000	4050986 3955164 3955164 3886983 3815334 3743051 3671701 3322249 2981417 2648889 2022363 1731525 956717 735168 536718 355302 224871 118691 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05198 0.02330 0.01486 0.011486 0.011486 0.010382 0.006614 0.00382 0.00607 0.01168 0.01294 0.01516 0.01886 0.02551 0.03355 0.044730 0.06648 0.09713 0.02731
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.05055 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704	89189 81400 79244 78054 77229 372074 364553 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817 0.872936	0.97351 0.98498 0.98342 0.97990 0.97976 0.97909 0.95582 0.95562 0.95562 0.94559 0.94559 0.93392 0.91358 0.88571 0.78518 0.70259 0.73519 0.70000	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1206202 943919 704301 492059 312645 171766 72817 4525417 4437000 4356549 4278274 4201184 4124909 3749950 3382610	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.04091 0.01878 0.01208 0.00926 0.00931 0.00937 0.00804 0.00837 0.01035 0.01201 0.02101 0.02791 0.05832 0.04014 0.05832 0.08648 0.21302 m(x) 0.19849 0.04211 0.01898 0.01211 0.01898 0.01221 0.00504 0.00502	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	q(x) 0.21462 0.050432 0.050432 0.03016 0.014741 0.010215 0.030234 0.018927 0.042752 0.047422 0.052083 0.052683 0.056721 0.062657 0.073047 0.090040 0.119896 0.154783 0.311844 0.285015 0.390776 1.000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 55612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 6642 7058 6919 10787	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 71235 47456 L(x) 89498 82407 80321 79187 79849	0.88767 0.96675 0.96147 0.98708 0.97533 0.97564 0.95379 0.95390 0.94566 0.93232 0.91878 0.86377 0.81924 0.75619 0.67089 0.66619 0.00000	4050986 3955164 3955164 3886983 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 1179152 956717 7735168 536718 365302 224871 118691 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05198 0.02330 0.02330 0.01486 0.01128 0.00612 0.00607 0.00871 0.01516 0.01294 0.01516 0.02551 0.03355 0.04731 0.22731 m(x) 0.17515 0.03945 0.03745 0.03945 0.03945 0.03945 0.03945 0.03945
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.042040 35-39 0.045779 40-44 0.050431 45-49 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGR(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.099185 5-9 0.024698 10-14 0.015624 15-19 0.024785 20-24 0.035596	100000 83367 80032 78544 77601 76886 74996 73834 69472 66733 53860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 10000 82450 75962 77576 76641 75937 74046 72997	16633 3335 1489 943 715 1890 1163 1849 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537	89189 81400 79244 78054 77229 379705 372074 364540 340511 326483 311994 297002 280843 240283	0.97351 0.98498 0.98342 0.97990 0.97976 0.97009 0.95562 0.95159 0.94559 0.93392 0.91358 0.70236 0.73591 0.00000 P(x) 0.90991 0.97993 0.98332 0.98383 0.98388 0.98388 0.98388	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 12065202 943919 704301 492069 312645 171766 72817 7437040 4356549 427620 4356549 4276274 4201184 4124909 3749950 3382610 3382610 3022679	46.3a 54.56 55.82 55.87 55.54 55.06 51.38 47.15 39.77 36.30 39.77 36.30 22.92 28.70 22.14 48.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.04071 0.01878 0.01208 0.00948 0.00948 0.00312 0.00571 0.00804 0.00837 0.01035 0.01207 0.01538 0.02101 0.0258 0.02101 0.0278 0.05832 0.04014 0.05832 0.08648 0.21302	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 70-74 75-79 80+ WHITE: MALES AGE(x) 0 1 2 3 4 5-9	Q(x) 0.21482 0.0250432 0.023016 0.017215 0.030234 0.018215 0.030234 0.018927 0.042752 0.047422 0.052083 0.056721 0.062507 0.1990040 0.119896 0.154783 0.211484 0.285015 0.390776 1.000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3111 3211 3336 3656 4178 5062 5752 6642 7058 6919 10787	85822 76181 73648 72263 71350 349452 340480 305047 290837 275033 258641 241135 21549 198450 171416 47456 L(x) 89498 82407 80321 79187 79187 79409 385816	0.88767 0.96747 0.98708 0.97953 0.97564 0.95393 0.94566 0.94040 0.93232 0.91878 0.85377 0.85377 0.85377 0.85377 0.85377 0.875610 0.67089 0.66619 0.00000	4050986 3955164 3955164 3886983 3815334 3743051 3671701 3322249 2981417 2648889 2022363 1731525 956717 735168 536718 355302 224871 118691 47456 T(x) 4604054 4604054 4614554 4632147 4351826 4272639 4194230	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05198 0.02330 0.02330 0.01486 0.01128 0.006074 0.00871 0.01694 0.01516 0.01294 0.01516 0.02951 0.03355 0.04730 0.06648 0.09713 0.22731 m(x) 0.17515 0.03945 0.01769 0.011769 0.01189
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 35-39 0.045779 40-44 0.050431 45-49 0.056596 50-54 0.074039 55-59 0.095786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024698 10-14 0.015624 15-19 0.024785 20-24 0.035964 25-29 0.039847	100000 83367 80032 78544 77691 76896 74996 73834 71984 65472 66733 63860 60937 57864 54430 45473 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 77576 76641 75937 74046 72990 71083 68546	16633 3335 1489 943 715 18990 1163 1849 2513 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2597 2731	89189 81400 79244 78054 77229 379705 372074 364545 353640 340511 326483 311994 297002 260843 262283 2321 79424 40880 98949 72817 0.872936	0.97351 0.98498 0.98342 0.97990 0.97009 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.73591 0.00000 P(x) 0.90091 0.97295 0.948542 0.78518 0.70236 0.73591 0.90000	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2096041 1784047 1487045 1206202 943919 704301 492069 312645 171766 72817 T(x) 4525417 4437000 4356549 4278274 4201184 4124909 3749950 3382610 3382610 3382610 3382610 3382610 3382610	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.04097 0.01278 0.00128 0.00926 0.00312 0.0057 0.00711 0.00804 0.00935 0.01207 0.01207 0.01207 0.02101 0.02101 0.02590 0.04014 0.05832 0.05832 0.01207 0.04014 0.05832 0.05832 0.01213	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+	Q(x) 0.21482 0.023016 0.01741 0.012215 0.030234 0.018227 0.029908 0.042752 0.047422 0.056721 0.056721 0.073047 0.090040 0.1154783 0.211484 0.285015 0.390706 1.000000 POPULATION 1890 0.156752 0.038549 0.015263 0.012441 0.008523 0.023645	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3311 3346 3556 4178 5062 5752 5642 7058 6919 10787	85922 76181 73648 72283 71350 349452 340483 320480 306047 290837 275033 258641 241135 198450 171416 140431 106180 71235 47456	0.88767 0.96675 0.98147 0.98708 0.97953 0.97553 0.97564 0.96377 0.94566 0.95030 0.94566 0.95030 0.94566 0.96040 0.93232 0.91878 0.85377 0.81924 0.75610 0.67089 0.66619 0.00000	4050986 3965164 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 328409 2022363 11771525 1456492 1197852 936717 735168 536718 365302 224871 118691 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05180 0.02398 0.02391 0.01486 0.011486 0.010614 0.00382 0.00667 0.010168 0.01294 0.01516 0.02551 0.03639 0.06648 0.027513 0.06648 0.02731
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.042040 35-39 0.045779 40-44 0.050431 45-49 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGR(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.099185 5-9 0.024698 10-14 0.015624 15-19 0.024785 20-24 0.035596	100000 83367 80032 78544 77601 76886 74996 73834 69472 66733 53860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 10000 82450 75962 77576 76641 75937 74046 72997	16633 3335 1489 943 715 1890 1163 1849 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537	89189 81400 79244 78054 77229 372074 364553 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 98949 72817 0.872936 L(x) 98417 80451 76275 77090 367340 359931 349071 335893 321891	0.97351 0.98498 0.98342 0.97990 0.97976 0.97009 0.95562 0.95159 0.94559 0.93392 0.91358 0.70236 0.73591 0.00000 P(x) 0.90991 0.97993 0.98332 0.98383 0.98388 0.98388 0.98388	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2763034 2422523 2095041 1784047 1487045 1206202 943919 704301 492059 312645 171766 72817 7437000 4356549 4278274 4201184 42127	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.15 54.32 50.64 42.52 39.00	0.18649 0.04071 0.01878 0.01208 0.00948 0.00948 0.00312 0.00571 0.00804 0.00837 0.01035 0.01207 0.01538 0.02101 0.0258 0.02101 0.0278 0.05832 0.04014 0.05832 0.08648 0.21302	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80 WHITE: MALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19	Q(x) 0.21482 0.0250432 0.023016 0.017215 0.030234 0.018215 0.030234 0.018927 0.042752 0.047422 0.052083 0.056721 0.062507 0.1990040 0.119896 0.154783 0.211484 0.285015 0.390776 1.000000	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3111 3211 3336 3656 4178 5062 5752 6642 7058 6919 10787	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235 47456 L(x) 89498 82407 80321 79409 385816 378370 371175	0.88767 0.96747 0.98708 0.97953 0.97564 0.95393 0.94566 0.94040 0.93232 0.91878 0.85377 0.85377 0.85377 0.85377 0.85377 0.875610 0.67089 0.66619 0.00000	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 1197852 956717 735168 536718 365302 224871 118691 47456 T(%) 4604051 47456 47456 472639 49230 3808143	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05198 0.02330 0.02330 0.01486 0.01128 0.006074 0.00871 0.01694 0.01516 0.01294 0.01516 0.02951 0.03355 0.04730 0.06648 0.09713 0.22731 m(x) 0.17515 0.03945 0.01769 0.011769 0.01189
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.09217 5-9 0.024578 10-14 0.015502 15-19 0.035932 20-24 0.0399427 30-34 0.043040 15-39 0.045779 40-44 0.050431 45-49 0.058596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.09185 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044996 35-39 0.048422 40-44 0.0553925	100000 83367 80032 78544 77601 76896 74996 73834 71984 659472 66733 63860 60937 57864 54473 50460 45407 39486 32284 24068 132884 24068 1(x) 100000 82450 77576 76641 75937 74046 72890 71083 68546 65814 62912 59866	16633 3335 1489 943 715 1899 2872 2872 2923 3391 4033 5921 7202 8216 8557 1551 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 3311994 297002 280843 263283	0.97351 0.98498 0.98342 0.97990 0.97009 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.70236 0.73591 0.00000 P(x) 0.90091 0.97295 0.98487 0.98887 0.98887 0.99888 0.97988 0.97988 0.97983 0.96287 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887 0.96887	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 2096041 1784047 1487045 1704301 492069 312645 171766 72817 4437000 4356549 4278274 421184 4124909 3749950 3382610 3022679 2015893 2015893	46.3a 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 2.29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 54.82 55.06 46.41 42.52 33.00 35.52	0.18649 0.04097 0.01878 0.01208 0.00926 0.00926 0.00312 0.00927 0.00937 0.01035 0.01207 0.01538 0.02190 0.04014 0.05832 0.021302 0.04014 0.05832 0.01207 0.1108	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+ WHITE: MALKES MGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29	Q(x) 0.21482 0.023016 0.01741 0.012215 0.030234 0.018227 0.042752 0.047422 0.056721 0.06257 0.073047 0.090040 0.119896 0.211484 0.285015 0.390706 1.000000 POPULATION 1890 0.156752 0.038549 0.015241 0.008523 0.01241 0.008523 0.023645 0.023645	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3311 3346 3556 4178 5062 5752 5642 7058 6919 10787	85922 76181 73648 72283 71350 349452 340483 350647 290837 275033 258641 241135 221549 198450 71235 47456 L(x) 89498 82407 80321 79849 82407 80321 79840 35886 37840 371175 360402 347110	0.88767 0.96675 0.96147 0.98708 0.97953 0.97564 0.96377 0.95496 0.95030 0.94566 0.95030 0.94566 0.95030 0.94566 0.90000 P(x) 0.67089 0.66619 0.00000 P(x) 0.92077 0.97469 0.98589 0.98589 0.98412 0.98070 0.98098 0.98098 0.97098	4050986 3965164 3965164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 328409 2022363 11731525 1456492 1177852 936717 735168 536718 365302 224871 118691 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05380 0.02330 0.01486 0.011486 0.01248 0.006614 0.00382 0.00667 0.01168 0.01294 0.01516 0.01294 0.01515 0.03733 0.06648 0.02731 0.01690 0.01711 0.00856 0.017515 0.03945 0.01769
0 0.166329 1 0.039999 2 0.0185999 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.041040 15-39 0.045779 40-44 0.050431 45-49 0.05656 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.005185 5-9 0.024785 5-9 0.024898 10-14 0.015624 15-19 0.024785 20-24 0.035696 25-29 0.039847 30-335596 25-29 0.039847 30-335596 35-39 0.044096 35-39 0.044096 35-39 0.044096 35-39 0.044096	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033 5921 7202 8216 8857 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 99949 72817 0.872936 L(x) 68417 78275 77090 76275 374959 367340 359931 349071 3359931 349071 335893 321816 306955 291258 274205	0.97351 0.98498 0.98944 0.98312 0.97990 0.97976 0.97009 0.95800 0.95562 0.95195 0.93192 0.9459 0.93392 0.73591 0.00000 P(x) 0.90991 0.97295 0.98487 0.98318 0.97983 0.96227 0.95807 0.96827 0.95807 0.96889 0.94889 0.94185	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 276202 943919 704301 492059 312645 171766 72817 72817 45745 45745 45745 47745	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.15 55.16 41 42.52 39.00 35.52 32.04 28.55	0.18649 0.04091 0.01878 0.01208 0.00948 0.00312 0.00571 0.00804 0.00837 0.01035 0.01207 0.015538 0.02101 0.02590 0.04014 0.05832 0.08648 0.21302 0.08648 0.01211 0.01898 0.01211 0.01898 0.0121 0.01992 0.00504 0.00512 0.00502 0.00727 0.00813	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+ WHITE: MALE: AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29	q(x) 0.21482 0.023016 0.014741 0.012215 0.030234 0.023908 0.042752 0.029908 0.042752 0.052083 0.056721 0.062657 0.090040 0.11484 0.285015 0.390776 1.000000 POPULATION 1890 q(x) 0.156723 0.038549 0.017530 0.01241 0.008523 0.023645 0.012484 0.023245 0.012484 0.023245 0.012497 0.0388549	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 6642 7058 6919 10787 15675 3251 1421 895 671 1846 1132 1746 2563 2754 2998	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235 47456	0.88767 0.96675 0.96147 0.98708 0.97953 0.97564 0.95379 0.95379 0.94566 0.94040 0.93232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.90000 P(x) 0.92077 0.97469 0.98589 0.99587 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.95857 0.95587	4050986 3955164 3955164 3888983 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 1197852 956717 735168 536718 365302 224871 118691 47456 T(%) 4604051 47456 T(%) 4604051 47456 47456 47456 47456 47456 47456 47456 47456	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.05283 0.02330 0.01486 0.01238 0.006014 0.00382 0.00607 0.010168 0.01294 0.01516 0.01516 0.015516 0.02551 0.03355 0.04730 0.06648 0.09713 0.17515 0.03945 0.01769 0.010866 0.00479 0.00297 0.00791
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.04204 15-39 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.093185 5-9 0.024898 10-14 0.015624 15-19 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.053925 45-49 0.039847	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 53860 60937 57864 54473 50460 32284 24068 32284 15511 0.094883 1(x) 10000 82450 75767 76446 72997 74046 72997 74046 72997 74046 75937 74046 75937 74046 75937 74046 75937 74046 75937 75065 75641 75937 74046 75937 74046 75937 74046 75937 75966 75937 75967 75967 75967 75967 75967 7597 759	16633 3335 1489 943 715 1890 18163 1849 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189	89189 81400 79244 78054 77229 379705 372074 364540 340511 326483 311994 297002 280843 240283 239618 212232 179424 140880 98949 72817 0.872936 L(x) 88417 80451 78275 77090 76275 374959 367340 359931 321816 306945 291258 274205	0.97351 0.98498 0.98342 0.97990 0.97976 0.97009 0.95562 0.95159 0.93392 0.91358 0.70359 0.73591 0.00000 P(x) 0.9991 0.97983 0.98577 0.98487 0.98943 0.99848 0.97988 0.97989 0.97989	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205502 943919 704301 492059 312645 171766 72817 7437000 4355549 4278274 4201184 4124909 3749950 3382610 382610 382679 2673608 2337709 2015893 1708948 1417690 1143489	46.3a 54.56 55.82 55.87 55.54 55.03 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 48.71 15.51 12.46 9.68 7.14 4.69	0.18649 0.04071 0.01878 0.01208 0.00948 0.009312 0.00571 0.00804 0.00837 0.01035 0.01207 0.01538 0.02101 0.02701 0.02802 0.08648 0.21302 m(x) 0.19849 0.04211 0.01898 0.01213 0.01992 0.00922 0.00922 0.00922 0.01008	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 70-74 75-79 80+ WHITE: MALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39	Q(x) 0.21482 0.023016 0.01741 0.012215 0.030234 0.018227 0.029908 0.042752 0.047422 0.056721 0.062657 0.073047 0.090040 0.119896 0.154783 0.211484 0.285015 0.39076 1.000000 POPULATION 1890 Q(x) 0.156752 0.038549 0.012341 0.008523 0.011241 0.008523 0.01241 0.008523 0.012421 0.008523 0.0138490 0.012345 0.018849 0.023245 0.018898 0.0405372	1(x) 1000010 78518 74558 72842 71768 70963 68818 67515 65496 62696 59723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3111 3241 3346 3656 4178 5062 5752 7058 6919 10787 D(x) 15675 3251 1421 895 671 1846 1132 1746 1132 1746 2754 2963 2754	85922 76181 73648 72283 731850 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 40431 106180 71235 47456	0.88767 0.96147 0.98147 0.98147 0.98708 0.97953 0.97564 0.9537 0.95496 0.95030 0.94566 0.95030 0.94566 0.95030 0.94566 0.95030 0.94566 0.95030 0.94560 0.95232 0.91878 0.89574 0.85377 0.892677 0.892677 0.97268 0.965619 0.98070 0.98689 0.99016 0.98670 0.98689 0.99016 0.98670 0.98689 0.96031 0.95286 0.95857 0.95286	4050986 3965164 3965164 39659164 3986983 3815334 3743051 3322249 2981417 2646889 2328409 2022363 2545692 1197652 1197652 1257677 735168 536718 365302 224871 118691 47456 T(%) 4604051 4514554 4432147 4351826 4272639 4194230 3809814 3430045 3058870 6698468 2351358	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 9.27.27 23.93 20.62 17.41 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.63 54.67 54.63 54.77 54.77 5	0.25031 0.05198 0.02330 0.01446 0.01124 0.00614 0.00624 0.00671 0.01070 0.01168 0.01294 0.01516 0.02551 0.03652 0.04730 0.06648 0.09713 0.17515 0.03945 0.01769 0.01131 0.00879 0.00879 0.00879 0.00879 0.00879 0.00879 0.00879
0 0.166329 1 0.039999 2 0.0185999 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.041040 15-39 0.045779 40-44 0.050431 45-49 0.05656 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.005185 5-9 0.024785 5-9 0.024898 10-14 0.015624 15-19 0.024785 20-24 0.035696 25-29 0.039847 30-335596 25-29 0.039847 30-335596 35-39 0.044096 35-39 0.044096 35-39 0.044096 35-39 0.044096	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5033 5921 7202 8216 8857 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228	89189 81400 79244 78054 77229 379705 372074 364540 340511 326483 311994 297002 280843 240283 239618 212232 179424 140880 98949 72817 0.872936 L(x) 88417 80451 78275 77090 76275 374959 367340 359931 321816 306945 291258 274205	0.97351 0.98498 0.98342 0.97990 0.97009 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.70236 0.73591 0.00000 P(x) 0.90091 0.97295 0.94859 0.99843 0.98831 0.99983 0.99983 0.99983 0.95837 0.95807 0.95879 0.94445 0.95876	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 276202 943919 704301 492059 312645 171766 72817 72817 45745 45745 45745 47745	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 54.82 54.32 50.64 42.52 39.00 35.52 32.04 28.55 232.04 28.55 232.04	0.18649 0.04071 0.01878 0.01208 0.00948 0.00312 0.00571 0.00804 0.00812 0.00571 0.00937 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.01203 0.00504 0.003103 0.00504 0.003103 0.00504 0.003103 0.00902 0.00902 0.00902 0.00902 0.00902 0.001008	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+ WHITE: MALKES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39	q(x) 0.21482 0.023016 0.014741 0.012215 0.030234 0.023908 0.042752 0.029908 0.042752 0.052083 0.056721 0.062657 0.090040 0.11484 0.285015 0.390776 1.000000 POPULATION 1890 q(x) 0.156723 0.038549 0.017530 0.01241 0.008523 0.023645 0.012484 0.023245 0.012484 0.023245 0.012497 0.0388549	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 6642 7058 6919 10787 15675 3251 1421 895 671 1846 1132 1746 2563 2754 2998	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 71235 47456 L(X) 89498 82407 80321 798409 385816 37740 371175 360402 347110 332730 317044	0.88767 0.96675 0.96147 0.98708 0.97953 0.97564 0.95379 0.95379 0.94566 0.94040 0.93232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.90000 P(x) 0.92077 0.97469 0.98589 0.99587 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.98070 0.95857 0.95587	4050986 3965164 3965164 39869883 3815334 3743051 3671701 3322249 2981417 2646889 2022363 1171525 1456492 1197852 956717 735168 536718 365302 224871 118691 47456 T(x) 4604051 451454 4432147 4	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.0538 0.02330 0.01486 0.01238 0.00614 0.00382 0.00607 0.01075 0.01294 0.01516 0.01586 0.02551 0.03355 0.04730 0.06648 0.09713 0.17515 0.03945 0.01769 0.010769 0.010769 0.001769 0.00270 0.00771 0.00856 0.00479 0.002901 0.0033 0.01788
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.042040 35-39 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.099185 5-9 0.024698 10-14 0.015624 15-19 0.024785 5-9 0.024898 10-14 0.015624 15-19 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.04808 240-44 0.053925 45-49 0.039847 30-34 0.044096 55-55 0.063335 60-64 0.139637	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 53860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 10000 82450 75962 77576 76641 75937 74046 72890 72893 68546 65814 62912 59866 56637 53045 48855 43651	16633 3335 1489 943 715 1890 18163 1849 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 242283 239618 212232 179424 140880 98949 72817 0.872936 L(x) 88417 80451 78275 77090 76275 374959 367340 359931 349071 335899 321816 306945 291258 274205 203015 203015 203015	0.97351 0.98498 0.98342 0.97990 0.95562 0.95160 0.95562 0.95159 0.93392 0.91358 0.70359 0.73591 0.00000 P(x) 0.90991 0.97996 0.98487 0.98487 0.98488 0.99388 0.99388 0.99388 0.99388 0.96988 0.97983 0.96889 0.94145 0.92905 0.83509 0.94145 0.92905 0.837785	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205502 2095041 1784047 1487045 1205502 943919 704301 492059 312645 171766 72817 743704 437050 4355549 4278274 4201184 4124909 3749950 3382610 3	46.3a 54.56 55.82 55.87 55.54 55.03 39.77 36.30 39.77 36.30 32.82 29.28 25.70 22.14 48.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 54.82 39.00 35.52 32.04 28.55 25.03 21.56 18.19 15.06	0.18649 0.04071 0.01878 0.01208 0.00948 0.00312 0.00571 0.00804 0.00837 0.01035 0.01207 0.01035 0.01207 0.01538 0.02101 0.02701 0.02802 0.08648 0.21302 m(x) 0.19849 0.04211 0.01898 0.01213 0.01898 0.01213 0.01898 0.01213 0.00922 0.00504 0.00504 0.00502 0.00727 0.00813 0.00922 0.01108 0.01310 0.01644 0.02302 0.00992 0.01108 0.01310 0.01644	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 75-79 80+ WHITE: MALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	Q(x) 0.21482 0.023016 0.01741 0.012215 0.030234 0.018215 0.030234 0.01827 0.047422 0.047422 0.0566721 0.062503 0.154783 0.211484 0.285015 0.39074 0.090000 POPULATION 1890 0.154783 0.116752 0.038549 0.012341 0.008523 0.011241 0.008523 0.0138549 0.012345 0.014849 0.023645 0.014849 0.023645 0.014849 0.023645 0.014849 0.023645 0.014849 0.023645 0.014849 0.023645 0.014849 0.023645 0.038539	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3111 3346 3656 4178 5062 5752 5662 7058 6919 10787 D(x) 15675 3251 1421 895 671 1846 1132 1746 2563 2754 2983 3277 3533 4000 4621	85922 76181 73648 72283 73150 349452 340832 332528 320480 306047 290837 275033 258641 241135 241135 471456 L(x) 89498 82407 89498 82407 80321 79187 76409 385816 378370 371175 360402 347110 332730 317044 300020 281186	0.88767 0.96175 0.96147 0.98147 0.987955 0.97553 0.97564 0.95379 0.94566 0.95030 0.94566 0.94040 0.93232 0.91878 0.89574 0.86377 0.81924 0.75610 0.67089 0.66619 0.90000	4050986 3965164 3965164 3965164 3968983 38183334 3743051 3671701 3322249 2981417 2646889 2328409 2022363 2545692 1197852 936717 7735168 536718 365302 224871 118691 47456 T(%) 4604051 451454 4432147 4351826 4272639 4194230 3809814 3430045 3059870 6698468 2351358 2018828 1701584 1401564	40.51 50.50 52.15 51.74 48.28 44.16 40.44 37.14 33.86 9.27.27 23.93 20.62 17.41 14.46 11.63 9.08 6.70 4.40 4.40 4.53.54 54.67 54.63 54.25 53.71 49.95 41.70 38.11 34.56 31.03 27.55 24.07 20.66	0.25031 0.05380 0.02330 0.01446 0.01124 0.00601 0.01070 0.01168 0.01294 0.01516 0.02551 0.03555 0.04730 0.06648 0.022731 m(x) 0.17515 0.03945 0.01131 0.00856 0.01791 0.00971 0.00971 0.00971 0.00791 0.00971 0.00791
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.005217 5-9 0.024578 10-14 0.015502 15-19 0.035936 25-29 0.039427 30-34 0.043040 15-39 0.045779 40-44 0.050431 45-49 0.058956 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254884 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.0553925 45-49 0.035696 25-59 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.0553925 45-49 0.035865 65-54 0.078977 55-55 0.106535 60-64 0.139637 65-69 0.194292 70-74 0.195624	100000 83367 80032 78544 77601 76886 74996 73834 71984 659472 66733 65860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 77576 76641 75937 74046 67890 71083 68546 65814 62912 59866 56637 53045 48855 43651 37555	16633 3335 1489 943 715 1890 1163 12739 2872 2923 3073 3391 4033 50231 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095 7297 8085	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 3311994 297002 280843 263283 263283 263283 263283 279424 140880 97289 76275 374959 367340 359931 349071 3358993 321816 306945 291258 274205 254750 231265 203015 169535	0.97351 0.98498 0.98342 0.97990 0.97099 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.70236 0.73591 0.00000 P(x) 0.90991 0.97295 0.94859 0.93892 0.91389 0.95893 0.96237 0.98487 0.98943 0.98931 0.97983 0.97983 0.97983 0.95879 0.94889 0.97983 0.95879 0.94889 0.97885 0.97885 0.97887	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 2096041 1784047 1487045 1206202 943919 704301 492069 312645 171766 72817 743701 432059 312645 171766 72817 4437000 4355549 4278274 4201184 4124909 3749950 3382610 3022679 2015893 1708948 1417690 1143485 888735 657470 45455 288920	46.38 54.56 55.82 55.87 55.54 55.03 39.77 36.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 554.82 54.64 46.41 42.52 32.04 28.55 25.03 21.56 18.19 15.06	0.18649 0.04091 0.001878 0.01208 0.00926 0.00926 0.00937 0.00937 0.01035 0.01035 0.01208 0.01209 0.01210 0.01209 0.01209 0.01209 0.01209 0.01210 0.01211 0.012	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-60 65-69 70-74 75-79 80+ WHITE: MALKES MGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	Q(x) 0.21482 0.03032 0.03016 0.014741 0.011215 0.030234 0.018927 0.04752 0.04752 0.047422 0.056721 0.06257 0.073047 0.090040 0.1154783 0.211484 0.285015 0.390706 0.156752 0.390706 0.156752 0.038549 0.01520 0.011241 0.008523 0.01244 0.08523 0.0136469 0.023645 0.034937 0.038898 0.044058 0.0507727 0.068692 0.057797 0.068692 0.085198	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 5642 7058 6919 10787 D(x) 15675 3251 1421 1895 671 1132 1746 2563 2754 2998 3277 3533 4000 4621 5755	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 71235 47456 L(X) 89498 82407 80321 798409 385816 37770 371175 360402 347110 332730 317044 300020 281186 259633 233668	0.88767 0.96675 0.96175 0.98170 0.97533 0.97564 0.95379 0.94566 0.95030 0.94566 0.94040 0.93232 0.91878 0.86517 0.81924 0.75610 0.67089 0.66619 0.00000	4050986 3965164 3965164 3986983 3886983 3815334 3743051 362249 2981417 2644889 2022363 11731525 1456492 11771525 456492 11771525 456492 1177152 47456 118691 47456 118691 47456 4432147 432147	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40	0.25031 0.0538 0.02330 0.01486 0.01238 0.006614 0.00382 0.00607 0.01168 0.01294 0.0151 0.0168 0.02551 0.0383 0.06648 0.09713 0.06648 0.09713 0.01691 0.017515 0.03945 0.017515 0.03945 0.01791 0.00791 0.00791 0.00791 0.00791
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.041040 15-39 0.045779 40-44 0.050431 45-49 0.058596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.1255523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.044096 35-39 0.034635 50-54 0.079977 55-59 0.1065353 65-69 0.193953 65-69 0.193953 65-69 0.193953 65-69 0.193953 65-69 0.194292 70-74 0.267207 75-79 0.374236	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 77576 76641 75937 74046 45450 49652 48755 43651 37555 30259	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095 7297 8085 8298	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 99949 72817 0.872936 L(x) 68417 78275 77090 76275 374959 367340 358916 359931 349071 335899 359931 349071 335896 291258 274205 254750 231265 203015 169535 131080	0.97351 0.98498 0.98944 0.98312 0.97990 0.95962 0.95562 0.95562 0.95580 0.95562 0.95195 0.93392 0.78518 0.70236 0.7035 0.7036 0.70391 0.90991 0.97295 0.98487 0.98988 0.99998 0.94185 0.95999 0.94185 0.95990 0.94185 0.95807 0.95379 0.94889 0.94185 0.92905 0.930781 0.87785 0.92905 0.9317	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205502 2095041 1784047 1487045 1205502 943919 704301 492059 312645 171766 72817 743704 437050 4355549 4278274 4201184 4124909 3749950 3382610 3	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.16 41.42 52.32 50.64 42.52 39.00 35.52 32.04 28.55 232.04 28.55 232.04 28.55 26.64 18.19 15.96 12.10 9.42	0.18649 0.04071 0.01878 0.01208 0.00948 0.00312 0.00571 0.00804 0.00837 0.01035 0.01207 0.01035 0.01207 0.01538 0.02101 0.02701 0.02802 0.08648 0.21302 m(x) 0.19849 0.04211 0.01898 0.01213 0.01898 0.01213 0.01898 0.01213 0.00922 0.00504 0.00504 0.00502 0.00727 0.00813 0.00922 0.01108 0.01310 0.01644 0.02302 0.00992 0.01108 0.01310 0.01644	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80+ WHITE: MALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	Q(x) 0.21482 0.023016 0.014741 0.012215 0.030234 0.012215 0.030234 0.01227 0.025208 0.047422 0.052083 0.056721 0.062657 0.090040 0.1154783 0.211484 0.285015 0.390776 1.000000 POPULATION Q(x) 0.156783 0.017530 0.011241 0.038584 0.017530 0.011241 0.038584 0.017530 0.011241 0.038549 0.017530 0.011241 0.008523 0.023265 0.044058 0.038988 0.057197 0.038988 0.058198 0.058198 0.116191	1(x) 1000010 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 6642 7058 6919 10787 15675 3251 1421 895 671 1846 2563 2754 2998 3277 3277 3277 3277 3277 3277 3277 327	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235 47456 L(x) 89498 82407 80321 79409 385816 378370 371175 360402 347110 332730 317044 300020 281186 259633 2336682 202343	0.88767 0.96675 0.96147 0.982708 0.97533 0.97564 0.95339 0.94566 0.94040 0.93232 0.91878 0.85574 0.86377 0.81924 0.75610 0.67089 0.66619 0.00000 0.94040 0.989589 0.99070 0.98412 0.98070 0.98589 0.98070 0.98412 0.98070 0.98589	4050986 3965164 3965164 3965164 3968983 38183334 3743051 3671701 3322249 2981417 2646889 2328409 2022363 2545692 1197852 936717 7735168 536718 365302 224871 118691 47456 T(%) 4604051 451454 4432147 4351826 4272639 4194230 3809814 3430045 3059870 6698468 2351358 2018828 1701584 1401564	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.05380 0.02330 0.01446 0.01124 0.00601 0.01070 0.01168 0.01294 0.01516 0.02551 0.03555 0.04730 0.06648 0.022731 m(x) 0.17515 0.03945 0.01131 0.00856 0.01791 0.00971 0.00971 0.00971 0.00791 0.00971 0.00791
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.005217 5-9 0.024578 10-14 0.015502 15-19 0.035936 25-29 0.039427 30-34 0.043040 15-39 0.045779 40-44 0.050431 45-49 0.058956 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254884 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.0553925 45-49 0.035696 25-59 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.0553925 45-49 0.035865 65-54 0.078977 55-55 0.106535 60-64 0.139637 65-69 0.194292 70-74 0.195624	100000 83367 80032 78544 77601 76886 74996 73834 71984 659472 66733 65860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 77576 76641 75937 74046 67890 71083 68546 65814 62912 59866 56637 53045 48855 43651 37555	16633 3335 1489 943 715 1890 1163 12739 2872 2923 3073 3391 4033 50231 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095 7297 8085	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 99949 72817 0.872936 L(x) 68417 78275 77090 76275 374959 367340 358916 359931 349071 335899 359931 349071 335896 291258 274205 254750 231265 203015 169535 131080	0.97351 0.98498 0.98342 0.97990 0.97099 0.96287 0.95580 0.95562 0.95195 0.94559 0.93392 0.91358 0.70236 0.73591 0.00000 P(x) 0.90991 0.97295 0.94859 0.93892 0.91389 0.95893 0.96237 0.98487 0.98943 0.98931 0.97983 0.97983 0.97983 0.95879 0.94889 0.97983 0.95879 0.94889 0.97885 0.97885 0.97887	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205202 943919 704301 492059 312645 171766 72817 7437000 4356549 4278274 4437000 4356549 4278274 4201184 4124909 3749950 31382610 3022679 2673608 888735 657470 44455 284920 9153840	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.16 41.42 52.32 50.64 42.52 39.00 35.52 32.04 28.55 232.04 28.55 232.04 28.55 26.64 18.19 15.96 12.10 9.42	0.18649 0.04091 0.01878 0.01208 0.00928 0.00312 0.00571 0.00804 0.00813 0.01208 0.001207 0.01208 0.01207 0.01208 0.01207 0.012	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 75-79 80+ WHITE: MALKES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-66	Q(x) 0.21482 0.03032 0.03016 0.014741 0.011215 0.030234 0.018927 0.04752 0.04752 0.047422 0.056721 0.06257 0.073047 0.090040 0.1154783 0.211484 0.285015 0.390706 0.156752 0.390706 0.156752 0.038549 0.01520 0.011241 0.008523 0.01244 0.08523 0.0136469 0.023645 0.034937 0.038898 0.044058 0.0507727 0.068692 0.057797 0.068692 0.085198	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 5642 7058 6919 10787 D(x) 15675 3251 1421 1895 671 1132 1746 2563 2754 2998 3277 3533 4000 4621 5755	85922 76181 73648 72283 71350 349452 340832 332528 320480 366047 290837 275033 258641 241135 221549 198450 71235 47456 L(x) 89498 82407 80321 798409 385816 33770 371175 360402 347456	0.88767 0.96147 0.98708 0.97533 0.97564 0.95390 0.94566 0.94040 0.92232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.00000 P(x) 0.92077 0.97469 0.98070 0.98589 0.9812 0.98070 0.98090 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.98589 0.96312 0.98070 0.9812 0.98070 0.98589 0.96312 0.98586 0.965815 0.96594 0.96594 0.96594 0.81764 0.96595	4050986 3965164 3965164 3965164 3968983 3815334 3743051 362249 2981417 2648889 2328409 2022363 1771525 1456492 1197852 956717 735168 536718 365302 224871 118691 47456 T(%) 4604051 4514554 4432147 4	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.05380 0.02330 0.01486 0.01238 0.006614 0.00382 0.00607 0.00874 0.00971 0.01070 0.01168 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.03733 0.06648 0.02731 0.06648 0.017515 0.03945 0.01791 0.00401 0.00401 0.00401 0.00401 0.00401 0.00178 0.01178 0.01423 0.01780 0.01423 0.01780 0.01423 0.01780 0.01423 0.01423 0.01423
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.041040 15-39 0.045779 40-44 0.050431 45-49 0.056596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.125523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.005185 5-9 0.024785 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.044096 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-39 0.044036 35-59 0.039847 30-34 0.044096 35-39 0.049842 40-44 0.053955 65-64 0.079977 55-59 0.1065336 50-64 0.139637 65-69 0.194292 70-74 0.267207 75-79 0.374236 80+ 1.0000000	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 775764 775937 74046 467912 59866 65814 662912 59866 4885 30259 71083 68546 65814 65912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095 7297 8085 8298	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 99949 72817 0.872936 L(x) 68417 78275 77090 76275 374959 367340 358916 359931 349071 335899 359931 349071 335896 291258 274205 254750 231265 203015 169535 131080	0.97351 0.98498 0.98944 0.98312 0.97990 0.95962 0.95562 0.95562 0.95580 0.95562 0.95195 0.93392 0.78518 0.70236 0.7035 0.7036 0.70391 0.90991 0.97295 0.98487 0.98988 0.99998 0.94185 0.95999 0.94185 0.95990 0.94185 0.95807 0.95379 0.94889 0.94185 0.92905 0.930781 0.87785 0.92905 0.9317	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205202 943919 704301 492059 312645 171766 72817 7437000 4356549 4278274 4437000 4356549 4278274 4201184 4124909 3749950 31382610 3022679 2673608 888735 657470 44455 284920 9153840	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.16 41.42 52.32 50.64 42.52 39.00 35.52 32.04 28.55 232.04 28.55 232.04 28.55 26.64 18.19 15.96 12.10 9.42	0.18649 0.04091 0.01878 0.01208 0.00928 0.00312 0.00571 0.00804 0.00813 0.01208 0.001207 0.01208 0.01207 0.01208 0.01207 0.012	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 70-74 75-79 80+	q(x) 0.21482 0.023016 0.014741 0.012215 0.030234 0.012215 0.030234 0.01227 0.025208 0.047422 0.052083 0.056721 0.062657 0.090040 0.1154783 0.211484 0.285015 q(x) 0.156783 0.017530 0.017530 0.017530 0.011241 0.038598 0.017530 0.011241 0.038549 0.017530 0.011241 0.038549 0.017530 0.011241 0.038549 0.015508	1(x) 1000010 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 2019 2800 2973 3111 3346 3656 4178 5062 5752 6642 7058 6919 10787 15675 3251 1421 895 671 1846 2563 2754 2998 3277 3277 3277 3277 3277 3277 3277 327	85922 76181 73648 72283 71350 349452 340832 332528 320480 306047 290837 275033 258641 241135 221549 198450 171416 140431 106180 71235 47456 L(x) 89498 82407 80321 79409 385816 378370 371175 360402 347110 32730 347110 32730 333668 202343 165442 124043	0.88767 0.96675 0.96147 0.98708 0.97953 0.97553 0.97564 0.95379 0.94566 0.94040 0.93232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.90000 0.94040 0.989589 0.99076 0.98412 0.980788 0.98078 0.98078 0.98078 0.98078 0.98078 0.98078 0.98078 0.98	4050986 3965164 3965164 39869883 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 11771525 1456492 11977852 956717 735168 536718 365302 224871 118691 47456 474	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.05230 0.02330 0.01486 0.01234 0.006614 0.00382 0.00667 0.010768 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01886 0.02551 0.03355 0.04730 0.06648 0.09713 0.02731 0.00791
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.043040 15-39 0.045779 40-44 0.050431 45-49 0.050596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254484 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.093185 5-9 0.024898 10-14 0.015624 15-19 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.053925 45-49 0.035696 35-39 0.048422 40-44 0.053925 65-64 0.078977 55-59 0.106535 60-64 0.139637 65-69 0.194292 70-74 0.267207 75-79 0.374236 80+ 1.000000	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 775764 775937 74046 467912 59866 65814 662912 59866 4885 30259 71083 68546 65814 65912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095 7297 8085 8298	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 99949 72817 0.872936 L(x) 68417 78275 77090 76275 374959 367340 358916 359931 349071 335899 359931 349071 335896 291258 274205 254750 231265 203015 169535 131080	0.97351 0.98498 0.98944 0.98312 0.97990 0.95962 0.95562 0.95562 0.95580 0.95562 0.95195 0.93392 0.78518 0.70236 0.7035 0.7036 0.70391 0.90991 0.97295 0.98487 0.98988 0.99998 0.94185 0.95999 0.94185 0.95990 0.94185 0.95807 0.95379 0.94889 0.94185 0.92905 0.930781 0.87785 0.92905 0.9317	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205202 943919 704301 492059 312645 171766 72817 7437000 4356549 4278274 4437000 4356549 4278274 4201184 4124909 3749950 31382610 3022679 2673608 888735 657470 44455 284920 9153840	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.16 41.42 52.32 50.64 42.52 39.00 35.52 32.04 28.55 232.04 28.55 232.04 28.55 26.64 18.19 15.96 12.10 9.42	0.18649 0.04091 0.01878 0.01208 0.00928 0.00312 0.00571 0.00804 0.00813 0.01208 0.001207 0.01208 0.01207 0.01208 0.01207 0.012	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 70-74 75-79 80+	Q(x) 0.21482 0.03032 0.03036 0.01741 0.012215 0.030234 0.01827 0.029908 0.042752 0.047422 0.056721 0.06257 0.073047 0.090040 0.115876 1.000000 POPULATION 1890 0.156752 0.038549 0.017303 0.011241 0.00853 0.01246 0.00853 0.01246 0.00853 0.01246 0.00853 0.014689 0.023645 0.014689 0.023645 0.014689 0.023645 0.014689 0.023645 0.014689 0.02345 0.0156792 0.038598 0.044058 0.044058 0.050372 0.058598 0.116191 0.154278 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3311 3346 3656 4178 5062 5762 6642 7058 6919 10787 D(x) 15675 3251 1421 1846 1132 1746 2563 2754 2998 3277 3533 4000 4621 5765 6765 6765 6765 6765 6765 6765 676	85922 76181 73648 72283 73185 349452 340832 332528 320480 306047 290837 275033 258641 241135 241135 47456 L(x) 89498 82407 89321 79187 78409 385816 378370 371175 360402 347110 332730 317044 300020 281186 2595633 233668 202343 81391	0.88767 0.96147 0.98708 0.97533 0.97564 0.95390 0.94566 0.94040 0.92232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.00000 P(x) 0.92077 0.97469 0.98070 0.98589 0.9812 0.98070 0.98090 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.9812 0.98070 0.98589 0.96312 0.98070 0.9812 0.98070 0.98589 0.96312 0.98586 0.965815 0.96594 0.96594 0.96594 0.81764 0.96595	4050986 3965164 3965164 3965164 3968983 3815334 3743051 362249 2981417 2648889 2328409 2022363 1771525 1456492 1197852 956717 735168 536718 365302 224871 118691 47456 T(%) 4604051 4514554 4432147 4	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.05380 0.02330 0.01486 0.01238 0.006614 0.00382 0.00607 0.00874 0.00971 0.01070 0.01168 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.03733 0.06648 0.02731 0.06648 0.017515 0.03945 0.01791 0.00401 0.00401 0.00401 0.00401 0.00401 0.00178 0.01178 0.01423 0.01780 0.01423 0.01780 0.01423 0.01780 0.01423 0.01423 0.01423
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.058596 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254848 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.055925 45-49 0.0363696 25-59 0.039847 30-34 0.044096 35-39 0.044096 35-39 0.048422 40-44 0.035925 45-49 0.0336596 25-59 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.035955 45-49 0.038457 55-59 0.106535 60-64 0.139637 65-69 0.194292 70-74 0.267207 75-79 0.374236 80+ 1.000000	100000 83367 80032 78544 77601 76886 74996 73834 71984 69472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 775764 775937 74046 467912 59866 65814 662912 59866 4885 30259 71083 68546 65814 65912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814 67912 59866 65814	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 2923 3073 3391 4033 5921 7202 8216 8557 15511 Beta= D(x) 17550 3388 1486 935 704 1891 1157 1807 2537 2731 2902 3046 3228 3593 4189 5205 6095 7297 8085 8298	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 311994 297002 280843 262283 239618 212232 179424 140880 99949 72817 0.872936 L(x) 68417 78275 77090 76275 374959 367340 358916 359931 349071 335899 359931 349071 335896 291258 274205 254750 231265 203015 169535 131080	0.97351 0.98498 0.98944 0.98312 0.97990 0.95962 0.95562 0.95562 0.95580 0.95562 0.95195 0.93392 0.78518 0.70236 0.7035 0.7036 0.70391 0.90991 0.97295 0.98487 0.98988 0.99998 0.94185 0.95999 0.94185 0.95990 0.94185 0.95807 0.95379 0.94889 0.94185 0.92905 0.930781 0.87785 0.92905 0.9317	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205202 943919 704301 492059 312645 171766 72817 7437000 4356549 4278274 4437000 4356549 4278274 4201184 4124909 3749950 31382610 3022679 2673608 888735 657470 44455 284920 9153840	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.16 41.42 52.32 50.64 42.52 39.00 35.52 32.04 28.55 232.04 28.55 232.04 28.55 26.64 18.19 15.96 12.10 9.42	0.18649 0.04091 0.01878 0.01208 0.00928 0.00312 0.00571 0.00804 0.00813 0.01208 0.001207 0.01208 0.01207 0.01208 0.01207 0.012	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 70-74 75-79 80+	Q(x) 0.21482 0.03032 0.03036 0.01741 0.012215 0.030234 0.01827 0.029908 0.042752 0.047422 0.056721 0.06257 0.073047 0.090040 0.115876 1.000000 POPULATION 1890 0.156752 0.038549 0.017303 0.011241 0.00853 0.01246 0.00853 0.01246 0.00853 0.01246 0.00853 0.014689 0.023645 0.014689 0.023645 0.014689 0.023645 0.014689 0.023645 0.014689 0.02345 0.0156792 0.038598 0.044058 0.044058 0.050372 0.058598 0.116191 0.154278 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698	1(x) 1000010 78518 74558 72842 71768 70963 68818 67515 65496 62696 559723 56612 53401 50055 46399 42221 37159 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3311 3346 3656 4178 5062 5762 6642 7058 6919 10787 D(x) 15675 3251 1421 1846 1132 1746 2563 2754 2998 3277 3533 4000 4621 5765 6765 6765 6765 6765 6765 6765 676	85922 76181 73648 72283 73185 349452 340832 332528 320480 306047 290837 275033 258641 241135 241135 47456 L(x) 89498 82407 89321 79187 78409 385816 378370 371175 360402 347110 332730 317044 300020 281186 2595633 233668 202343 81391	0.88767 0.96675 0.96147 0.98708 0.97953 0.97553 0.97564 0.95379 0.94566 0.94040 0.93232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.90000 0.94040 0.989589 0.99076 0.98412 0.980788 0.98078 0.98078 0.98078 0.98078 0.98078 0.98078 0.98078 0.98	4050986 3965164 3965164 39869883 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 11771525 1456492 11977852 956717 735168 536718 365302 224871 118691 47456 474	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.05230 0.02330 0.01486 0.01234 0.006614 0.00382 0.00667 0.010768 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01886 0.02551 0.03355 0.04730 0.06648 0.09713 0.02731 0.00791
0 0.166329 1 0.039999 2 0.018599 3 0.012004 4 0.009217 5-9 0.024578 10-14 0.015502 15-19 0.025047 20-24 0.034905 25-29 0.039427 30-34 0.045779 40-44 0.050431 45-49 0.058956 50-54 0.074039 55-59 0.099786 60-64 0.130401 65-69 0.182395 70-74 0.254884 75-79 0.355523 80+ 1.000000 Alpha= BOTH SEXES 1870 AGE(x) q(x) 0 0.175501 1 0.041088 2 0.018791 3 0.012058 4 0.009185 5-9 0.024785 20-24 0.035696 25-29 0.039847 30-34 0.044096 35-39 0.048422 40-44 0.055925 45-49 0.063436 50-54 0.078977 55-59 0.106535 60-64 0.139637 65-69 0.194292 70-74 0.267207 75-79 0.374236 80+ 1.000000	100000 83367 80032 78544 77601 76886 74996 73834 71984 659472 66733 63860 60937 57864 54473 50440 45407 39486 32284 24068 15511 0.094883 1(x) 100000 82450 79062 77576 76641 75937 74046 67890 71083 68546 65814 62912 59866 56637 53045 48855 43651 37555 30259 22173 13875	16633 3335 1489 943 715 1890 1163 1849 2513 2739 2872 3073 3391 4033 5033 5023 8216 8216 8216 8216 8216 8216 8216 8216	89189 81400 79244 78054 77229 372074 364545 353640 340511 326483 331994 297002 280843 263283	0.97351 0.98498 0.98944 0.98312 0.97990 0.95796 0.97009 0.95800 0.95562 0.95195 0.93392 0.91538 0.7036 0.73591 0.00000 P(x) 0.90991 0.97295 0.98487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989487 0.989818 0.97968 0.979781 0.96873 0.96873 0.96873 0.96873 0.96873 0.96873 0.96873	4638113 4548924 4467525 4388281 4310227 4232998 3853293 3481219 3116674 2095041 1784047 1487045 1205202 943919 704301 492059 312645 171766 72817 743700 4555417 4437000 4355549 4278274 4201184 4124909 3749950 3382610 3022679 263608 2337709 2015893 1708948 1417690 1143485 888735 657470 454455 288920 154455 288920 154366 63718	46.38 54.56 55.82 55.87 55.54 55.06 51.38 47.15 43.30 39.77 36.30 32.82 29.28 25.70 22.14 18.71 15.51 12.46 9.68 7.14 4.69 e(x) 45.25 53.81 55.10 55.15 55.15 55.43 22.54 32.04 28.55 232.04 28.55 232.04 28.55 24.32 39.00 31.56 18.19 6.41 42.52 39.00 31.56 18.19 6.42 4.59	0.18649 0.04091 0.01878 0.01208 0.00926 0.00926 0.00937 0.00937 0.01035 0.01035 0.01208 0.01508 0.02790 0.04014 0.05832 0.06020 0.04014 0.05832 0.06020 0.01203 0.00902	AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 70-74 75-79 80+	Q(x) 0.21482 0.03032 0.03036 0.01741 0.012215 0.030234 0.01827 0.029908 0.042752 0.047422 0.056721 0.06257 0.073047 0.090040 0.115876 1.000000 POPULATION 1890 0.156752 0.038549 0.017303 0.011241 0.00853 0.01246 0.00853 0.01246 0.00853 0.01246 0.00853 0.014689 0.023645 0.014689 0.023645 0.014689 0.023645 0.014689 0.023645 0.014689 0.02345 0.0156792 0.038598 0.044058 0.044058 0.050372 0.058598 0.116191 0.154278 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.0885198 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698 0.116275 0.088698	1(x) 100000 78518 74558 72842 71768 70963 68818 67515 65496 62696 55723 56612 53401 50055 46399 42221 371599 31407 24765 17707 10787	21482 3960 1716 1074 805 2146 1302 22019 2800 2973 3311 3346 3656 4178 5062 5762 6642 7058 6919 10787 D(x) 15675 3251 1421 1846 1132 1746 2563 2754 2998 3277 3533 4000 4621 5765 6765 6765 6765 6765 6765 6765 676	85922 76181 73648 72283 73185 349452 340832 332528 320480 306047 290837 275033 258641 241135 241135 47456 L(x) 89498 82407 89321 79187 78409 385816 378370 371175 360402 347110 332730 317044 300020 281186 2595633 233668 202343 81391	0.88767 0.96675 0.96147 0.98708 0.97953 0.97553 0.97564 0.95379 0.94566 0.94040 0.93232 0.91878 0.86377 0.81924 0.75610 0.67089 0.66619 0.90000 0.94040 0.989589 0.99076 0.98412 0.980788 0.98078 0.98078 0.98078 0.98078 0.98078 0.98078 0.98078 0.98	4050986 3965164 3965164 39869883 3815334 3743051 3671701 3322249 2981417 2648889 2328409 2022363 11771525 1456492 11977852 956717 735168 536718 365302 224871 118691 47456 474	40.51 50.50 52.16 52.38 52.15 51.74 48.28 44.16 40.44 37.14 33.86 30.59 27.27 23.93 20.62 17.41 14.44 11.63 9.08 6.70 4.40 46.04 53.54 54.67 54.	0.25031 0.05230 0.02330 0.01486 0.01234 0.006614 0.00382 0.00667 0.010768 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01294 0.01516 0.01886 0.02551 0.03355 0.04730 0.06648 0.09713 0.02731 0.00791

FEMALES 1890															
								BOTH SEXES 1900							
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x) 0.92296	T(x)	e(x)	m(x)	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
0 0.144903 1 0.037790	100000 85510	14490 3231	90581 83603	0.92296		47.44 54.42	0.15997 0.03865	0 0.119763 1 0.032657	100000 88024	11976 2875		0.93737 0.97835	4869564		0.13004
2 0.017784	82278	1463	81503	0.98561			0.01795	2 0.015298	85149	1303		0.98762	4783236		0.01542
3 0.011544	80815	933	80330	0.98982				3 0.009932	83847	833		0.99126	4698777		0.00998
4 0.008897 5-9 0.023870	7 9882 79171	711 1890	79513 391133	0.98383			0.00894	4 0.007626 5-9 0.020958	83014 82381	633 1727		0.98588 0.98282	4615364 4532679		0.00766 0.00424
10-14 0.015151	77282	1171	383481	0.98015			0.00305	10-14 0.013326	80654	1075		0.98265	4125091	51.15	0.00268
15-19 0.024629	76111	1875	375867	0.97044			0.00499	15-19 0.021433	79579	1706		0.97361			0.00433
20-24 0.034606 25-29 0.039442	7 42 36 71667	2569 2827	364758 351269	0.96302 0.95860			0.00704	20-24 0.031458 25-29 0.035859	77874 75424	2450 2705		0.96638 0.96185	3330874 2947629	42.77	0.00639 0.00730
30-34 0.043437	68840	2990	336727	0.95502				30-34 0.040522	72719	2947		0.95708	2577270		0.00730
35-39 0.046587	65850	3068		0.95091			0.00954	35-39 0.045424	69773	3169		0.95155	2221040		0.00930
40-44 0.051725	62782	3247		0.94398			0.01062	40-44 0.051624	66603	3438		0.94333	1880099		0.01060
45-49 0.060558 50-54 0.077105	59535 55930	3605 4312	288662 268867	0.93143	1497822 1209160		0.01249 0.01604	45-49 0.061994 50-54 0.078871	63165 59249	3916 4673		0.92984	1555678 1249642	24.63 21.09	0.01280 0.01642
55-59 0.104734	51617	5406		0.87959	940293		0.02210	55-59 0.108908	54576	5944		0.90673	965079		0.02304
60-64 0.137917	46211	6373	215123	0.83608	695722		0.02963	60-64 0.146244	48632	7112		0.82523	707058		0.03156
65-69 0.194091	39838	7732	179859	0.77127	480599		0.04299	65-69 0.208178	41520	8644		0.75497	481676		0.04647
70-74 0.271712 75-79 0.379010	32106 23382	872 4 8862		0.68307	300740 162020		0.06289	70-74 0.291574 75-79 0.411636	32877 23291	9586 9587		0.65864	295685 155266		0.06827 0.10366
80+ 1.000000	14520	14520	67265	0.00000	67265		0.21587	80+ 1.000000	13703	13703		0.00000	62781		0.21827
Alpha=	0.078827	Beta=	0.936548												
BOTH SEXES 1890															
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)								
0 0.150683	100000	15068	90055				0.16732								
1 0.038160 2 0.017660	84932 81691	3241 1443	83020	0.97478	4584610 4501591		0.03904 0.01783	(II) WEST MODEL TOTAL POPULATION							
2 0.017660 3 0.011396	80248	915	80926 79772	0.98999			0.01783	TOTAL POPULATION							
4 0.008715	79333	691	78974				0.00875	MALES 1850							
5-9 0.023760	78642	1869	388539	0.98057			0.00481	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
10-14 0.015004 15-19 0.023954	76774 75622	1152 1811	380988	0.98056			0.00302 0.00485	0 0.203522 1 0.059700	100000 79648	20352 4755		0.88975 0.96027	3778577 3692213		0.23566
20-24 0.034767	73810	2566		0.96307			0.00485	2 0.027808	74893	2083			3692213	48.27	0.06188
25~29 0.039177	71244	2791	349243	0.95859	2756175	38.69	0.00799	3 0.018731	72810	1364	72101	0.98361	3541582	48.64	0.01892
30-34 0.043740	68453	2994		0.95397			0.00894	4 0.014188	71445	1014			3469481		0.01429
35-39 0.048433 40-44 0.054394	65459 62288	3170 3388		0.94866			0.00993 0.01118	5-9 0.031539 10-14 0.022822	70 4 33 68211	2221 1557		0.97275 0.97276			0.00641
45-49 0.064526	58900	3801	285000	0.92749			0.01334	15-19 0.031766	66655	2117		0.96172	2714787		0.00646
50-54 0.081053	55100	4466	264334	0.90493	1164813	21.14	0.01690	20-24 0.045006	64537	2905	315425	0.95262	2386807	36.98	0.00921
55-59 0.110323	50634	5586	239204	0.87293	900479		0.02335	25-29 0.049873	61633	3074		0.94647	2071382		0.01023
60-64 0.145898 65-69 0.204571	45048 38475	6572 7871	208807 172699	0.82707	661276 452468		0.03148 0.04558	30-34 0.057374 35-39 0.067490	58559 55199	3360 3725		0.93772 0.92542	1770903	30.24	0.01181
70-74 0.282788	30604	8655		0.66991	279769		0.06587	40-44 0.082187	51474	4230		0.91033	1219826		0.01714
75-79 0.396033	21950	8693	88017	0.68585	148383	6.76	0.09876	45-49 0.097831	47243	4622		0.88891	973033	20.60	0.02057
80+ 1.000000	13257	13257	60366	0.00000	60366	4.55	0.21961	50-54 0.125779	42621	5361		0.85910	748371		0.02684
WHITE POPULATION	1							55-59 0.158191 60-64 0.215273	37261 31366	589 4 6752		0.81572 0.75347	548666 377099		0.03436
MALES 1900								65-69 0.286354	24614	7048		0.67203	237149	9.63	0.06684
AGE(x) $q(x)$	1 (x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	70-74 0.386273	17566	6785		0.56286	131700		0.09575
0 0.127845	100000	12785	91434			48.51	0.13982	75-79 0.520034	10781	5606		0.52517	60834		0.14055
1 0.033775 2 0.015537	87216														
	84270	2946 1309	85478 83576	0.97775		54.57 55.46		80+ 1.000000	5174 LEVEL=	5174 9 203	20948	0.00000	20948	4.05	0.24701
3 0.010019	84270 82960	1309 831	83576	0.98747	4673935	55.46	0.01567	80+ 1.000000	LEVEL=	9.203	20948	0.00000	20948	4.05	0.24701
3 0.010019 4 0.007625	82960 82129	1309 831 626	83576 82528 81804	0.98747 0.99122 0.98571	4673935 4590359 4507831	55.46 55.33 54.89	0.01567 0.01007 0.00766	FEMALES 1850	LEVEL=	9.203					
3 0.010019 4 0.007625 5-9 0.021300	82960 82129 81503	1309 831 626 1736	83576 82528 81804 403175	0.98747 0.99122 0.98571 0.98258	4673935 4590359 4507831 4426027	55.46 55.33 54.89 54.31	0.01567 0.01007 0.00766 0.00431	FEMALES 1850 AGE(x) Q(x)	LEVEL=	9.203 D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
3 0.010019 4 0.007625	82960 82129	1309 831 626	83576 82528 81804 403175 396151	0.98747 0.99122 0.98571	4673935 4590359 4507831 4426027 4022852	55.46 55.33 54.89 54.31 50.43	0.01567 0.01007 0.00766	FEMALES 1850	LEVEL=	9.203	L(x) 89536		T(x)	e(x) 42.56	
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199	82960 82129 81503 79767 78693 77023	1309 831 626 1736 1074 1670 2480	83576 82528 81804 403175 396151 389291 378917	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582	4673935 4590359 4507831 4426027 4022852 3626702 3237410	55.46 55.33 54.89 54.31 50.43 46.09 42.03	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428	1(x) 100000 83901 79396	9.203 D(x) 16099	L(x) 89536 81243	P(x) 0.90738	T(x) 4256489	e(x) 42.56 49.67 51.46	m(x) 0.17981 0.05545 0.02578
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233	82960 82129 81503 79767 78693 77023 74543	1309 831 626 1736 1074 1670 2480 2701	83576 82528 81804 403175 396151 389291 378917 365964	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862	1(x) 100000 83901 79396 77377	9.203 D(x) 16099 4505 2019 1305	L(x) 89536 81243 78326 76699	P(x) 0.90738 0.96409 0.97922 0.98514	T(x) 4256489 4166953 4085710 4007384	e(x) 42.56 49.67 51.46 51.79	m(x) 0.17981 0.05545 0.02578 0.01701
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485	82960 82129 81503 79767 78693 77023 74543 71842	1309 831 626 1736 1074 1670 2480 2701 2980	83576 82528 81804 403175 396151 389291 378917 365964 351761	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119 0.95535	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.00847	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980	1(x) 100000 83901 79396 77377 76072	9.203 D(x) 16099 4505 2019 1305 987	L(x) 89536 81243 78326 76699 75559	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867	T(x) 4256489 4166953 4085710 4007384 3930686	e(x) 42.56 49.67 51.46 51.79 51.67	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233	82960 82129 81503 79767 78693 77023 74543	1309 831 626 1736 1074 1670 2480 2701	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862	1(x) 100000 83901 79396 77377	9.203 D(x) 16099 4505 2019 1305	L(x) 89536 81243 78326 76699 75559 369736	P(x) 0.90738 0.96409 0.97922 0.98514	T(x) 4256489 4166953 4085710 4007384 3930686 3855127	e(x) 42.56 49.67 51.46 51.79 51.67	m(x) 0.17981 0.05545 0.02578 0.01701
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144	83576 82528 81804 403175 396151 389291 368917 365964 351761 336054 318774 299390	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119 0.95535 0.94858 0.93919	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.00847 0.00983 0.01132	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480	1(x) 100000 83901 79396 77377 76072 75085 72810 71087	9.203 P(x) 16099 4505 2019 1305 987 2275 1722 2238	L(x) 89536 81243 78326 76699 75559 369736 359742 349842	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00615 0.00479 0.00640
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119 0.95535 0.94858 0.93919 0.92487 0.90071	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.00847 0.00983 0.01132 0.01384 0.01753	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.018662 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.033739	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736	L(x) 89536 81243 78326 76699 75559 369736 359742 349842 337407	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.96446	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00615 0.00479 0.00640 0.00811
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144	83576 82528 81804 403175 396151 369517 365964 351761 336054 318774 299390 276897 249404	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119 0.95535 0.94858 0.93919 0.92487 0.90071 0.86515	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.00847 0.00983 0.01132 0.01384 0.01753 0.02463	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113	9.203 P(x) 16099 4505 2019 1305 987 2275 1722 2238	L(x) 89536 81243 78326 76699 75559 369736 359742 349842 337407 323172	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.96446 0.95781	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00615 0.00479 0.00640 0.00811 0.00915
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 39500	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96119 0.95535 0.94858 0.93919 0.92487 0.90071 0.96515 0.86515 0.81414 0.74216	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 27.53 23.99 20.53 17.18 14.11 11.25	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.00847 0.00983 0.01132 0.01384 0.01753 0.02388 0.03488	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.018662 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.0331480 20-24 0.039739 25-29 0.044741 30-34 0.050607	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3362	L(x) 89536 81243 78326 76599 75559 369736 359742 349842 337407 323172 307787 291391	P(x) 0.90738 0.96409 0.97922 0.98514 0.97287 0.97237 0.97248 0.95781 0.95781 0.96446 0.95781	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00615 0.00479 0.00640 0.00811 0.00915 0.01038 0.01154
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076	82960 82129 81503 79767 78693 747023 74543 71842 68862 65560 61950 57806 52953 46809 39500 30768	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175569 130374	0.98747 0.99122 0.98571 0.98258 0.98258 0.97335 0.96189 0.95535 0.96189 0.93487 0.92487 0.92071 0.86515 0.74216 0.74216	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808	55.46 55.33 54.89 54.31 50.43 46.09 42.03 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74	0.01567 0.00766 0.00766 0.00271 0.00429 0.00655 0.00738 0.00847 0.00983 0.01132 0.01384 0.01753 0.02463 0.03388 0.03488 0.04970	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.0506075 40-44 0.061447	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3362 3478	L(x) 89536 81243 78326 76599 75559 369736 359742 349842 337407 323172 307787 291391 274291	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97246 0.95781 0.95239 0.94673 0.94132	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00645 0.00479 0.00640 0.00811 0.00915 0.01038 0.01154 0.01258
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.089965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076	82960 82129 81503 79767 78693 77023 74543 68862 65560 61950 57806 52953 46809 39500 30768 21382	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175659 130374 83867	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96582 0.96582 0.94858 0.94858 0.94858 0.94858 0.94858 0.94858	4673935 4590359 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186553 660249 444477 268808 138434	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47	0.01567 0.01007 0.00766 0.00766 0.00431 0.00429 0.00655 0.00738 0.00847 0.01753 0.01384 0.01753 0.02463 0.02463 0.03388 0.04970 0.07200 0.07200	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.056607 35-39 0.056075 40-44 0.061447 45-49 0.066787	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3365 3478 3654	L(x) 89536 81243 78366 76599 75559 369736 359742 349842 337407 323172 307787 291391 274291 256462	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97278 0.95781 0.95239 0.94673 0.94673 0.94320 0.93500	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38	m(x) 0.17981 0.05545 0.02578 0.01701 0.01065 0.00615 0.00640 0.00811 0.00915 0.01038 0.01154 0.01154
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000	82960 82129 81503 79767 78693 747023 74543 71842 68862 65560 61950 57806 52953 46809 39500 30768	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175659 130374 83867	0.98747 0.99122 0.98571 0.98258 0.98258 0.97335 0.96189 0.95535 0.96189 0.93487 0.92487 0.92071 0.86515 0.74216 0.74216	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47	0.01567 0.00766 0.00766 0.00271 0.00429 0.00655 0.00738 0.00847 0.00983 0.01132 0.01384 0.01753 0.02463 0.03388 0.03488 0.04970	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.0506075 40-44 0.061447	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3362 3478	L(x) 89536 81243 76699 75559 369736 359742 349842 337407 323172 3007787 291391 274291 256462 236175	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97246 0.95781 0.95239 0.94673 0.94132	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00645 0.00479 0.00640 0.00811 0.00915 0.01038 0.01154 0.01258
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.068888 50-54 0.089965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha=	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 212165	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165	83576 82528 81804 403175 396151 389291 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 836775	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96582 0.96582 0.94858 0.94858 0.94858 0.94858 0.94858 0.94858	4673935 4590359 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186553 660249 444477 268808 138434	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47	0.01567 0.01007 0.00766 0.00766 0.00431 0.00429 0.00655 0.00738 0.00847 0.01753 0.01384 0.01753 0.02463 0.02463 0.03388 0.04970 0.07200 0.07200	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.056607 35-39 0.056075 40-44 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45003	9.203 D(x) 16099 4505 2019 1305 987 1722 2238 2736 2958 3196 33654 4461 5272 6755	L(x) 89536 81243 78326 76699 75559 369736 359742 349842 337407 323172 307787 291391 274291 256462 236175 211842	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95430 0.95430 0.953500 0.92590 0.83500 0.82500 0.85806	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2438400 2115228 1807441 1516050 1241759 985297 749122 537279	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65	m(x) 0.17981 0.05545 0.02578 0.01707 0.00615 0.00479 0.00640 0.00811 0.00915 0.01368 0.01154 0.01268 0.01268 0.01425 0.01425 0.01489
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha=	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165 Beta=	83576 82528 81804 403175 396151 369291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.96119 0.95535 0.94858 0.931919 0.92487 0.90071 0.86515 0.81414 0.64328 0.65062 0.00000	4673935 4590359 4507831 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47 4.49	0.01567 0.01007 0.000766 0.00431 0.00271 0.00655 0.00784 0.00983 0.01132 0.01384 0.01753 0.02463 0.03388 0.04970 0.07200 0.10989 0.22295	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3362 3478 3654 4461 5272 6755	L(x) 89536 81243 78326 76699 75559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181773	P(x) 0.90738 0.96409 0.97922 0.98514 0.9767 0.97248 0.95781 0.95239 0.94673 0.9453 0.93500 0.94673 0.9209 0.88697 0.8506 0.80176	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 3355505	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52	m(x) 0.17981 0.05545 0.02578 0.02778 0.01701 0.00615 0.00470 0.00681 0.00811 0.00915 0.01154 0.01154 0.01154 0.01425 0.01489 0.02489 0.02489 0.03255
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.068888 50-54 0.089965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha=	82960 82129 81503 79767 78693 77023 74543 71842 68562 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 9387 9216 12165 Beta-	83576 82528 81804 403175 396151 378917 365964 351761 336054 318774 29390 276897 249404 215772 175669 130374 83867 546660 L(x)	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.96582 0.96582 0.96582 0.94858 0.94858 0.94858 0.94858 0.94858 0.94858	4673935 4590359 4426027 4022852 3626702 2237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47 4.49	0.01567 0.01007 0.00766 0.00766 0.00431 0.00271 0.00625 0.00738 0.00847 0.00983 0.01132 0.01384 0.01753 0.02463 0.03970 0.04970 0.07200 0.10989 0.22295	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.018862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.050607 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693	1(x) 10000 83901 79396 77377 76072 78085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 238 2736 2958 3396 3362 3478 3654 4461 5272 6755 7659 8423	L(x) 89536 81243 78326 76699 75559 369736 359742 349842 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739	P(x) 0.90738 0.96409 0.97922 0.98514 0.97297 0.97297 0.95239 0.94573 0.94523 0.94573 0.94573 0.945806 0.85806 0.80176 0.72413 0.72413	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125548 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 216.65 13.52 10.78 8.29	m(x) 0.17981 0.05545 0.02578 0.01701 0.01307 0.00615 0.00479 0.00641 0.00915 0.01154 0.01154 0.01268 0.01425 0.01489 0.02489 0.037982
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGB(x) (2(x)	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165 Beta=	83576 82528 81804 403175 396151 378917 365964 351761 336054 318774 29390 276897 249404 215772 175669 130374 83867 546660 L(x)	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.96119 0.95535 0.94858 0.93987 0.90071 0.86515 0.84414 0.74216 0.64328 0.65062 0.65062 0.00000	4673935 4590359 4507831 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47 4.49	0.01567 0.01007 0.000766 0.00431 0.00271 0.00629 0.00655 0.007847 0.00983 0.011384 0.01753 0.02463 0.0388 0.04970 0.07200 0.10989 0.22295	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3362 3478 3654 4461 5272 6755	L(x) 89536 81243 78326 76559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534	P(x) 0.90738 0.96409 0.97922 0.98514 0.9767 0.97248 0.95781 0.95239 0.94673 0.9453 0.93500 0.94673 0.9209 0.88697 0.8506 0.80176	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 3355505	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17	m(x) 0.17981 0.05545 0.02578 0.02778 0.01701 0.00615 0.00470 0.00681 0.00811 0.00915 0.01154 0.01154 0.01154 0.01425 0.01489 0.02489 0.02489 0.03255
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGB(x) q(x) 0 0.112065 1 0.031592 2 0.015079	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 9216 12165 Beta= D(x) 11207 2805 1296	83576 82528 81804 403175 396151 378917 365964 351761 336054 318774 299390 276897 249404 215772 175659 130374 83867 54566 1.016000	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.9619 0.95535 0.94858 0.93919 0.92487 0.90071 0.86515 0.64328 0.65062 0.00000	4673935 4590359 4426027 4022852 3626702 2337410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47 4.49	0.01567 0.01007 0.00766 0.00766 0.00431 0.002271 0.00655 0.00738 0.00983 0.01192 0.01753 0.02463 0.03970 0.07200 0.10989 0.22295 m(x) 0.12087 0.03219 0.03219	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.050607 35-39 0.056075 40-44 0.061447 45-49 0.066787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 4461 5272 6755 7659 8423 7772	L(x) 89536 81243 78326 76559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95430 0.95239 0.94132 0.93500 0.82590 0.85806 0.92090 0.85806 0.92290 0.85806 0.92290 0.85806 0.92290 0.85806	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2438400 2115228 1807441 1516059 985297 749122 537279 355505 209766 104232	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00479 0.00640 0.00811 0.00915 0.01268 0.01268 0.01268 0.01268 0.01268 0.01268 0.01269 0.02489 0.02499 0.02491
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032129 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(X) q(X) 0 0.112065 1 0.031592 2 0.015070 3 0.09849	82960 82129 81503 79767 78693 77023 71842 68852 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9216 12165 Beta= D(x) 11207 2805 1296 834	83576 82528 81804 403175 396151 389291 378917 355964 351761 336054 318774 293900 276897 249404 215772 175669 130374 83867 54566 1.016000	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.96119 0.95535 0.94858 0.93919 0.92487 0.90071 0.86515 0.62444 0.74216 0.64328 0.65062 0.00000	4673935 4590359 4507831 4426027 4022852 3626702 2337410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 4.49	0.01567 0.01007 0.00766 0.00431 0.00271 0.00242 0.00655 0.00788 0.00847 0.01384 0.01384 0.01338 0.04970 0.07263 0.02463 0.01398 0.01999 0.12087 0.12087 0.12087 0.12087 0.03219	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.050607 35-39 0.056075 40-44 0.061447 45-49 0.066787 50-54 0.090182 55-59 0.171149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 26318 16895 9123	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3654 4461 5272 6755 8423 7772 9123	L(x) 89536 81243 78326 76559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95430 0.95239 0.94132 0.93500 0.82590 0.85806 0.92090 0.85806 0.92290 0.85806 0.92290 0.85806 0.92290 0.85806	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2438400 2115228 1807441 1516059 985297 749122 537279 355505 209766 104232	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00479 0.00640 0.00811 0.00915 0.01268 0.01268 0.01268 0.01268 0.01268 0.01268 0.01269 0.02489 0.02499 0.02491
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGB(x) q(x) 0 0.112065 1 0.031592 2 0.015079	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 9216 12165 Beta= D(x) 11207 2805 1296	83576 82528 81804 403175 396151 369291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.9619 0.95535 0.94858 0.93919 0.92487 0.90071 0.86515 0.64328 0.65062 0.00000	4673935 4590359 4590331 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47 4.49	0.01567 0.01007 0.00766 0.00766 0.00431 0.002271 0.00655 0.00738 0.00983 0.01192 0.01753 0.02463 0.03970 0.07200 0.10989 0.22295 m(x) 0.12087 0.03219 0.03219	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.050607 35-39 0.056075 40-44 0.061447 45-49 0.066787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 26318 16895 9123	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3654 4461 5272 6755 8423 7772 9123	L(x) 89536 81243 78326 76559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95430 0.95239 0.94132 0.93500 0.82590 0.85806 0.92090 0.85806 0.92290 0.85806 0.92290 0.85806 0.92290 0.85806	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2438400 2115228 1807441 1516059 985297 749122 537279 355505 209766 104232	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00479 0.00640 0.00811 0.00915 0.01268 0.01268 0.01268 0.01268 0.01268 0.01268 0.01269 0.02489 0.02499 0.02491
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.056688 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) (xx) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 30768 21385 -0.01970	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165 Beta= D(x) 11207 2805 1296 834 644	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 293900 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 84259 84259	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.96119 0.95535 0.94858 0.9319 0.92487 0.90071 0.86515 0.64444 0.74216 0.64328 0.65062 0.00000	4673935 4590359 4507831 4426027 4022852 3626702 2337410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4806017 4721758 4638232 46226430	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 20.53 17.18 11.25 8.74 4.49 6(x) 50.71 56.07 56.88 56.75 56.31 55.74 55.74	0.01567 0.01007 0.00766 0.00431 0.00271 0.00242 0.00655 0.00738 0.01384 0.01384 0.01338 0.04970 0.07263 0.02463 0.01398 0.01295 0.10989 0.12087 0.12087 0.02295	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.056607 35-39 0.056075 40-44 0.061847 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16952 169123 LEVEL=	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 4461 5272 6755 7659 8423 10.028 D(x) 18174	L(x) 89536 81243 78326 76559 369736 359742 337407 323172 307787 291391 274491 256462 236175 211842 181774 145739 105534 65046 39186	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95433 0.94132 0.93500 0.84673 0.9209 0.89697 0.85806 0.72413 0.61635 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 209766 4016900	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00479 0.00640 0.00811 0.00913 0.01154 0.01252 0.01889 0.01425 0.01889 0.02489 0.02489 0.02489 0.03716 0.05255 0.07982 0.11948 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.04485 35-39 0.047955 40-44 0.055061 45-49 0.056688 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) (x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 30768 21385 -0.01970 1(x) 100000 88794 85988 84692 83219 81502 80426	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7319 387 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740	83576 82528 81804 403175 396151 369291 378917 365964 351761 336054 318777 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 93526 411802 404821 397782	0.98747 0.99122 0.98571 0.98258 0.96582 0.96582 0.96119 0.95535 0.94858 0.931919 0.90071 0.86515 0.65062 0.65062 0.65062 0.92487 0.90071 0.864128 0.65062 0.93984 0.93984 0.93984 0.99130 0.99878 0.99805 0.98305 0.98305 0.98368	4673935 4590359 4590331 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4806017 4721758 4638232 4226430 3821640	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 20.53 17.18 14.11 11.25 8.74 6.47 4.49 e(x) 50.71 56.88 56.75 56.31 55.74 51.86 47.52	0.01567 0.01007 0.00076 0.00431 0.00271 0.00655 0.00738 0.001847 0.00983 0.01132 0.01753 0.02463 0.03288 0.04970 0.07208 0.02295 0.02295	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.018662 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056555	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 6755 8423 7772 9123 10.028 D(x) 18174 4627	L(x) 89536 81243 78326 76699 75559 369736 3359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 45739 105534 65046 39186	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95781 0.95239 0.94673 0.94132 0.93500 0.89697 0.88697 0.72413 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 104232 39186 T(x) 4016900 3928895	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.02578 0.01701 0.00615 0.00470 0.00681 0.00811 0.00915 0.01154 0.01154 0.01154 0.01189 0.02489 0.03716 0.05255 0.07982 0.11948 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032129 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.021636 20-24 0.031053	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 100000 88794 85988 84692 83219 81502 80426 80466 805666	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 9387 9187 9285 Beta= D(x) 11207 2805 1296 834 6440 1717 1075 1740 2420	83576 82528 81804 403175 396151 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 84259 441802 404821 397782 387382	0.98747 0.99122 0.98571 0.98258 0.96269 0.96582 0.96119 0.95535 0.94858 0.93919 0.90071 0.86515 0.90071 0.64328 0.63062 0.00000	4673935 4590359 4590331 4426027 4022852 3626702 2337410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 266808 138434 54566 T(x) 5071172 4978457 4891318 4806017 4721758 4808017 4721758 4638232 4226430 3821610 8821610	55.46 55.33 54.89 54.31 50.43 42.03 38.35 34.69 27.53 23.99 20.53 17.18 14.11 11.25 8.74 6.47 4.49 6(x) 50.71 56.07 56.88 56.75 55.74 51.86 47.52 43.51	0.01567 0.01076 0.00076 0.00431 0.00271 0.00429 0.00655 0.00738 0.01384 0.01383 0.01132 0.01384 0.01753 0.02463 0.03870 0.04970 0.07200 0.10989 0.22295 m(x) 0.12087 0.03219 0.0051519 0.00990 0.00990 0.00990 0.000625	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.050607 35-39 0.056077 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.026553	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 95597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 10000 81826 77199	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 238 2736 2958 3196 3362 3478 3654 4461 5272 6755 98423 7772 9123 10.028 D(x) 18174 4627 2050	L(x) 89536 81243 78326 76699 359742 349842 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534 65046 39186	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.95738 0.95739 0.94673 0.94132 0.94500 0.94073 0.85806 0.80176 0.72413 0.72413 0.72413 0.72413 0.72413	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 104232 39186 T(x) 4016900 3928895 3849799	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.17981 0.05545 0.02578 0.01701 0.00615 0.00479 0.00641 0.00915 0.01154 0.01154 0.01268 0.01489 0.02489 0.03715 0.07982 0.11948 0.23282 m(x) 0.20551 0.05850 0.05263
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.04485 35-39 0.047955 40-44 0.055061 45-49 0.056688 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) (x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 30768 21385 -0.01970 1(x) 100000 88794 85988 84692 83219 81502 80426	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7319 387 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 293900 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 84	0.98747 0.99122 0.98571 0.98258 0.96582 0.96582 0.96119 0.95535 0.94858 0.931919 0.90071 0.86515 0.65062 0.65062 0.65062 0.92487 0.90071 0.864128 0.65062 0.93984 0.93984 0.93984 0.99130 0.99878 0.99805 0.98305 0.98305 0.98368	4673935 4590359 4590331 4426027 4022852 3626702 2337410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4806017 4721758 4638232 4226430 3821610 3423828	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 20.53 17.18 11.25 8.74 4.49 e(x) 50.71 56.07 56.88 56.75 56.31 55.74 51.86 47.52 43.91 43.91 44.91	0.01567 0.01007 0.00076 0.00431 0.00271 0.00655 0.00738 0.001847 0.00983 0.01132 0.01753 0.02463 0.03288 0.04970 0.07208 0.02295 0.02295	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.018662 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056555	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 6755 8423 7772 9123 10.028 D(x) 18174 4627	L(x) 89536 81243 78326 76699 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534 65046 39186	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95781 0.95239 0.94673 0.94132 0.93500 0.89697 0.88697 0.72413 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 209766 4016900 3928895 3849799 3773687	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.02578 0.01701 0.00615 0.00470 0.00681 0.00811 0.00915 0.01154 0.01154 0.01154 0.01189 0.02489 0.03716 0.05255 0.07982 0.11948 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032129 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196 15-19 0.021636 20-24 0.030753 25-29 0.0335502 30-34 0.033502 30-34 0.033502	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 100000 88794 85988 84692 81858 83219 81502 80466 76266 73559 70646	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9216 12165 Beta= D(x) 11207 2805 834 640 1717 1075 1740 2420 2708 2913 3039	83576 82528 81804 403175 396151 376151 365964 351761 336054 318774 293390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 83526 411802 404821 387382 37782 387382 374563 360511 345631	0.98747 0.99122 0.98571 0.98258 0.98269 0.97335 0.95535 0.96582 0.96119 0.95535 0.94858 0.93919 0.86515 0.84414 0.74216 0.65062 0.00000 0.98055 0.98789 0.98058 0.98261 0.98305 0.98261 0.97386 0.96248 0.96248 0.96248 0.95873	4673935 4590359 4590331 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 2668088 138434 54566 T(x) 5071172 4978457 4981318 8806017 4721758 4638232 24226430 3821610 3423828 3036446 2661883 2303372	55.46 55.33 54.89 54.31 50.43 46.09 42.03 34.69 31.09 27.53 17.18 6.47 4.49 e(x) 50.71 56.07 56.07 56.07 56.07 56.07 56.07 51.86 47.52 43.51 39.81 39.81 36.19 32.59	0.01567 0.01007 0.00766 0.00431 0.00271 0.00655 0.007847 0.00132 0.01132 0.01132 0.02363 0.03388 0.04970 0.07260 0.10989 0.12087 0.01529 0.00152 0.00152 0.00152 0.00152 0.00152 0.00152 0.00152 0.00152 0.00152 0.00260 0.00417 0.00266 0.00417 0.00265 0.00417	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.050607 35-39 0.056077 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907	LEVEL= 1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 771199 75149 73815	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 6755 7659 9123 10.028 D(x) 18174 4627 2050 1334 1000 2250	L(x) 89536 81243 78326 76599 75559 369736 359742 337767 291391 27626175 211842 181774 145739 105534 65046 39186 L(x) 88005 79096 76112 74455 73295 358449	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95239 0.95239 0.95200 0.85806 0.80176 0.72413 0.61635 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2115228 1807441 1516050 1241759 985297 7491222 537279 355505 209766 104232 39186 T(x) 4016900 1928895 37473687 3699232 36259336	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.01701 0.00615 0.00470 0.00615 0.00470 0.001154 0.01154 0.01255 0.01489 0.03716 0.05255 0.01489 0.3716 0.05255 0.01991 0.05251 0.05251 0.05251 0.05251 0.05251 0.05251 0.05251 0.05251 0.05251
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha Agrix 9 (x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.026322 10-14 0.031196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039504 35-39 0.043013	82960 82129 81503 79767 78693 774543 71842 68862 65550 61950 57806 62953 46809 39500 30708 21382 12165 -0.01970 1(x) 100000 88794 85988 84692 81502 80426 76266 73559 70646 67607	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 8731 9387 9216 12165 Beta- D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 293900 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 83256 411802 387382 387382 387382 374563 360511 345631	0.98747 0.99122 0.98571 0.98258 0.96582 0.96582 0.96582 0.96583 0.94858 0.932487 0.90071 0.86515 0.84414 0.74216 0.64328 0.65062 0.00000 0.92487 0.99384 0.99384 0.99130 0.98605 0.98305 0.98305 0.98261 0.96548 0.96548 0.96548 0.95638	4673935 4590359 4590331 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4806017 7721758 4638232 4226430 3821610 3423828 32303721 1955741	55.46 55.33 54.89 54.31 50.43 46.09 42.03 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 4.49 6(x) 50.71 56.07 56.88 56.75 56.31 55.74 55.74 43.91 36.19 32.59 33.91 36.19 32.59 32.59	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.01384 0.01384 0.01338 0.04970 0.07263 0.02463 0.01388 0.04977 0.07209 0.12087 0.02295 0.12087 0.02295 0.000808 0.00437 0.00266 0.00437 0.00266 0.00437 0.00262 0.00437 0.00263 0.00437 0.00263 0.00472 0.00623 0.006723 0.00808 0.00808 0.00808 0.00808	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.056607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.171149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.056550 2 0.056550 3 0.017746 4 0.013549 5-9 0.030907	LEVEL= 1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63153 53975 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 77199 778149 73815 72815 72815	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 4461 5272 6755 7659 8423 10.028 D(x) 18174 4627 2050 1334 10000 2250 1662	L(x) 89536 81243 78326 76599 369736 359742 349842 337407 291391 274291 226462 236175 211842 181774 145739 105534 65046 39186	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97237 0.97248 0.95239 0.94132 0.93500 0.865806 0.92090 0.89597 0.872413 0.61635 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 4016900 3928895 3849799 3773687 3692932 3625936	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00470 0.00640 0.00811 0.00911 0.00138 0.01154 0.01255 0.01489 0.02455 0.01791 0.02555 0.07982 0.02455 0.05255 0.07982 0.02451 0.026580 0.02651 0.05255 0.07982 0.02671
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.04485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.166158 65-69 0.221051 70-74 0.305076 75-79 0.431030 Alpha= PEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.03196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039604 35-39 0.035502 30-34 0.039504 35-39 0.035502 30-34 0.039504 35-39 0.035502	82960 82129 81503 79767 78693 77023 74543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21385 -0.01970 1(x) 100000 88794 85988 84469 84858 83219 81502 80426 78686 76266 673559 70646 67633	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7311 9387 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269	83576 82528 81804 403175 396151 369291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 93526 411802 404821 397782 387382 374563 374563 37468	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.96119 0.95535 0.94858 0.931919 0.90071 0.86515 0.63444 0.74216 0.64328 0.65062 0.00000 P(x) 0.93884 0.97892 0.98778 0.99130 0.98605 0.98261 0.97386 0.96694 0.97386 0.96694 0.965873 0.95438 0.94727 0.95438	4673935 4590359 4590331 4426027 4022852 3626702 3237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4896017 4721758 4638232 4226430 3821610 3423828 3036446 666488 3301372 1955741 1625878	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 20.53 17.18 14.11 11.25 8.74 6.47 4.49 e(x) 50.71 56.88 56.75 56.31 55.74 51.86 47.52 43.51 39.19 30.19	0.01567 0.01007 0.00070 0.0073 0.00271 0.00271 0.00655 0.00738 0.001847 0.00983 0.01132 0.01753 0.02463 0.03288 0.04970 0.07200 0.10989 0.02295 0.02295 0.00766 0.00417 0.00266 0.00417 0.00265 0.00417 0.00262 0.00417 0.00262 0.00417 0.00263 0.00879 0.00879 0.00879 0.00879	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.018662 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907 10-14 0.023269 15-19 0.031647	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45002 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 77199 75149 75149 75149 75146 66923	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3196 3654 4461 5272 6755 8423 7772 9123 10.028 D(x) 18174 4627 2050 1334 1000 2250 1642 2161	L(x) 89536 81243 78326 76699 75559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 4145739 105534 65046 39186	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97248 0.95781 0.95239 0.94132 0.93500 0.89697 0.89697 0.87413 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 104232 39186 T(x) 4016900 3928895 3849799 3773687 3699232 3625936 3267488	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30 e(x) 40.17 48.02 49.87 50.22 49.87 50.22 49.80 46.30 42.35	m(x) 0.17981 0.05545 0.02578 0.02578 0.01701 0.00615 0.00479 0.00681 0.00136 0.01154 0.01154 0.01154 0.01158 0.01425 0.01889 0.02489 0.02489 0.023716 0.05255 0.07982 0.11948 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha Agrix 9 (x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.026322 10-14 0.031196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039504 35-39 0.043013	82960 82129 81503 79767 78693 774543 71842 68862 65550 61950 57806 62953 46809 39500 30708 21382 12165 -0.01970 1(x) 100000 88794 85988 84692 81502 80426 76266 73559 70646 67607	1309 811 626 1736 1074 1670 2480 2701 2980 3302 3610 8731 9387 9216 12165 Beta- D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 87502 84259 83526 411802 404821 397782 387382 374563 3605511 345631	0.98747 0.99122 0.98571 0.98258 0.96582 0.96582 0.96582 0.96583 0.94858 0.932487 0.90071 0.86515 0.84414 0.74216 0.64328 0.65062 0.00000 0.92487 0.99384 0.99384 0.99130 0.98605 0.98305 0.98305 0.98261 0.96548 0.96548 0.96548 0.95638	4673935 4590359 4590331 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 118434 54566 T(x) 5071172 4978457 4981318 4806017 4721758 4638232 4226430 3821610 3423828 3036446 2661883 2301372 1955741 1625878	55.46 55.33 54.89 54.31 50.43 46.09 42.03 34.69 31.09 27.53 17.18 11.25 8.74 4.49 6.47 4.49 6.47 56.07 56.07 56.07 56.07 56.07 56.07 56.07 51.86 47.52 43.51 39.81 39.81 30.98 30.99	0.01567 0.01007 0.00766 0.00431 0.00271 0.00429 0.00655 0.00738 0.01384 0.01384 0.01338 0.04970 0.07263 0.02463 0.01388 0.04977 0.07209 0.12087 0.02295 0.12087 0.02295 0.000808 0.00437 0.00266 0.00437 0.00266 0.00437 0.00262 0.00437 0.00263 0.00437 0.00263 0.00472 0.00623 0.006723 0.00808 0.00808 0.00808 0.00808	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.033480 20-24 0.039739 25-29 0.044741 30-34 0.056607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.171149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.056550 2 0.056550 3 0.017746 4 0.013549 5-9 0.030907	LEVEL= 1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63153 53975 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 77199 778149 73815 72815 72815	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 4461 5272 6755 7659 8423 10.028 D(x) 18174 4627 2050 1334 10000 2250 1662	L(x) 89536 81243 78326 76599 75559 369736 359742 349842 337407 323172 2124291 256462 236175 2118472 145739 105534 65046 39186 L(x) 88005 79096 76112 74455 73295 358449 348718 339160	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97237 0.97248 0.95239 0.94132 0.93500 0.865806 0.92090 0.89597 0.872413 0.61635 0.61635 0.60244 0.00000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 39186 T(x) 4016900 3928895 373687 3699232 36259368 2267488 2918770	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00470 0.00640 0.00811 0.00911 0.00138 0.01154 0.01255 0.01489 0.02455 0.01791 0.02555 0.07982 0.02455 0.05255 0.07982 0.02451 0.026580 0.02651 0.05255 0.07982 0.02671
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.056888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039504 35-39 0.043013 40-44 0.048351 45-49 0.057334	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 100000 88794 83988 84692 81858 83219 81502 80426 76266 73559 70646 6707 64338 66649	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 87317 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269 3369 3489	83576 82528 81804 403175 396151 3369591 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 93526 411802 404821 397782 387382 374563 374563 374563 312468 292023 266460 234875	0.98747 0.99122 0.98571 0.98258 0.96582 0.96582 0.96582 0.96583 0.94858 0.93487 0.90071 0.86515 0.681414 0.64328 0.65062 0.00000 0.92887 0.93846 0.93884 0.93896 0.98605 0.98261 0.97386 0.97386 0.97386 0.97386 0.97386 0.97386 0.9828 0.9827 0.9828 0	4673935 4590359 4590353 4426027 4022852 3626702 23237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4896017 4721758 4638232 4226430 3821610 3423828 3036446 6061883 2301372 1955741 1021386 754926	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 20.53 17.18 14.11 11.25 8.74 6.47 4.49 e(x) 50.71 56.07 56.88 56.75 56.31 55.74 51.86 47.52 43.51 39.81 39.82 49.82 40.82	0.01567 0.01007 0.00076 0.00431 0.00271 0.00655 0.00738 0.001847 0.00983 0.01132 0.01753 0.02463 0.03388 0.04970 0.07200 0.10989 0.02295 0.02295 0.00766 0.00417 0.00266 0.00417 0.00262 0.00879 0.00723 0.00888 0.00879 0.001181 0.001537 0.002937	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 5-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907 10-14 0.023269 15-19 0.031647 20-24 0.042306 25-29 0.047206 30-34 0.053844	1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 77199 75149 75149 751815 70564 66923 66741 63918	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 6755 8423 7772 9123 10.028 D(x) 18174 4627 2050 1334 1000 2250 1642 2161 2824 3017	L(x) 89536 81243 78326 76699 75559 369736 3359742 337407 323172 307787 291391 274291 256462 236175 211842 145739 105534 65046 39186	P(x) 0.90738 0.96409 0.97922 0.98514 0.97297 0.97248 0.95239 0.95239 0.94132 0.93500 0.89697 0.85806 0.801635 0.60244 0.00000 P(x) 0.89876 0.96228 0.97259 0.98842 0.97810 0.97285 0.97259 0.97259 0.97259	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 104232 39186 T(x) 4016900 3928895 3849799 3773687 3629387 3629383 3625936 3267488 2918770 2579611 2252263	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30 e(x) 40.17 48.02 49.87 50.22 50.11 49.80 46.30 42.35 38.65 35.25 31.87	m(x) 0.17981 0.05545 0.02578 0.02578 0.01701 0.00615 0.00479 0.00681 0.00811 0.00915 0.01328 0.01154 0.01154 0.01154 0.01154 0.01289 0.02489 0.03716 0.05255 0.07982 0.11948 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039604 34-34 0.039504 31-34 0.039604 35-39 0.043013 40-44 0.048351 45-49 0.057334 55-59 0.102138 60-64 0.136802 65-59 0.102138 60-64 0.136802	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 100000 88794 83988 84692 83858 83219 81502 80426 76266 73559 70646 6707 64338 66649 56160 50444 43526	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 87317 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269 3369 3489 5736 6898 8528	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 87532 84259 83526 411802 404821 397782 387382 374563 360511 345631 345631 345631 345631	0.98747 0.99122 0.98258 0.98259 0.97335 0.95535 0.96582 0.96119 0.95535 0.94858 0.93919 0.92487 0.90071 0.86511 0.64328 0.65062 0.00000 P(x) 0.93984 0.97892 0.98798 0.99130 0.98605 0.98261 0.97386 0.98261 0.97386 0.965873 0.965873 0.95448 0.95873 0.95448 0.95873 0.95448 0.95873 0.95448 0.95873 0.95446 0.95873 0.95446 0.95873 0.95457 0.93457 0.93457 0.93457 0.93457 0.93457 0.93457	4679335 4590359 45903359 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4806017 4721758 4638232 4226430 3821610 3423828 3036446 2661883 2301372 1955741 1625878 1313410 1021386 754926 520052	55.46 55.33 54.89 54.31 50.43 46.09 42.03 34.69 31.09 27.53 17.18 11.25 8.74 4.49 e(x) 50.71 56.07 56.08 56.09	0.01567 0.01007 0.00766 0.00431 0.00271 0.00655 0.00738 0.01334 0.01132 0.01384 0.01384 0.01388 0.0463 0.03388 0.04970 0.02463 0.01295 0.10989 0.10989 0.10989 0.10989 0.00750 0.00625 0.00450	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056555 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907 10-14 0.023269 15-19 0.031647 20-24 0.042306 25-29 0.047266 4 0.023269 15-19 0.031647 20-24 0.042306 25-29 0.047266 4 0.033844 35-39 0.053844	LEVEL= 1(x) 100000 83901 79396 77377 76672 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 771199 75149 73815 72815 70564 68923 66741 63918 60900 57621	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 9123 10.028 D(x) 18174 4627 2050 1334 1000 2250 1642 2181 2824 3017 3279	L(x) 89536 81243 78326 76599 369736 359742 337407 323172 2307787 291391 274291 256462 236175 211842 181774 145739 105534 65046 39186 L(x) 88005 79096 76112 74455 73295 358449 348718 339160 326648 312046 296305 279241	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95239 0.94350 0.92090 0.89697 0.72413 0.61635 0.60244 0.00000 P(x) 0.89876 0.97283 0.98442 0.97830 0.97855 0.97259 0.97810 0.97259 0.96311 0.955310 0.94556 0.94241 0.99551	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 2125628 1807441 2115228 1807441 2115229 2115229 2115228 1807442 2115228 1807443 2115228 1807441 2115228 39186 T(x) 4016900 3928895 394979 3773687 3699232 39186 2267488 2918770 2579631 2252963 1940917	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.01701 0.00615 0.00400 0.00811 0.00915 0.0138 0.01154 0.01265 0.01425 0.01489 0.02489 0.03716 0.05255 0.01889 0.23282 m(x) 0.20551 0.05255 0.01988 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055561 45-49 0.056888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= PEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.09849 4 0.007626 5-9 0.02632 10-14 0.013196 15-19 0.021636 20-24 0.035502 30-34 0.039604 35-39 0.043013 40-44 0.048351 45-49 0.057334 50-54 0.074020 55-59 0.102138 60-64 0.136802 65-69 0.195918	82960 82129 81503 79767 78693 77023 74543 71842 66862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 1(x) 100000 88794 85988 84292 81502 80426 76686 76266 77559 70646 67607 64338 60649 55160 50424 4356	1309 831 626 1736 1074 16770 2480 23010 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1740 2420 2708 2913 3039 3269 3689 4889 8528 8755	83576 82528 81804 403175 396151 389291 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 84	0.98747 0.99122 0.98571 0.98258 0.96582 0.96582 0.96582 0.96583 0.94858 0.93487 0.90071 0.86515 0.84414 0.74216 0.64328 0.65062 0.00000 0.92487 0.99130 0.99805 0.998305 0.98261 0.96591 0.965	4673935 4590359 4590359 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4638232 4226430 3821610 3423828 4638232 4226430 3821610 3423828 162287 1	55.46 55.33 54.89 54.31 50.43 46.09 42.03 34.69 31.09 27.53 23.99 20.53 17.18 14.11 11.25 8.74 4.49 6(x) 50.71 56.07 56.88 56.75 56.31 55.74 55.74 43.91 32.59	0.01567 0.01007 0.00766 0.00431 0.00271 0.00242 0.00655 0.00738 0.01384 0.01338 0.01338 0.04970 0.07263 0.10263 0.10267 0.07269 0.12087 0.02295 0.0266 0.0047 0.00266 0.00437 0.00266 0.00437 0.00266 0.00437 0.00266 0.00437 0.00266 0.00437 0.00263 0.00878	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.056607 35-39 0.056075 40-44 0.061447 45-49 0.066787 50-54 0.090182 55-59 0.171149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907 10-14 0.022269 15-19 0.031647 20-24 0.042306 25-29 0.047206 30-34 0.053844 35-39 0.061548 40-44 0.073397	LEVEL= 1(x) 100000 83901 79396 77377 76072 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 77199 73815 72815 72815 72815 72816 69913 66741 63918 60900 57621 54075	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 4461 5272 6755 7659 8423 10.028 D(x) 18174 4627 2050 1334 1000 2250 1642 2181 2824 3017 3279 3546 3861	L(x) 89536 81243 78326 76699 75559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 181774 145739 105534 65046 39186	P(x) 0.90738 0.95409 0.97922 0.98514 0.97867 0.97237 0.94132 0.93500 0.94673 0.94132 0.93500 0.82090 0.89697 0.872413 0.61635 0.60244 0.00000 P(x) 0.89876 0.79230 0.98976 0.79230 0.98976 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.989876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.988876 0.9888876 0.9888876 0.9888888888888888888888888888888888888	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 4016900 3928895 3849799 3773687 3692932 3625936 3625936 2625936 2625936 2926768 2918770 2579611 23252963 1940917 1644613 1365372	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30	m(x) 0.17981 0.05545 0.02578 0.02578 0.01707 0.00615 0.00470 0.00640 0.00811 0.00916 0.01250 0.01250 0.0138 0.01425 0.01489 0.02493 0.02493 0.02493 0.02493 0.02493 0.02493 0.02493 0.02493 0.02693 0.02693 0.02693 0.00628 0.00627 0.010643
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.066888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039604 34-34 0.039504 31-34 0.039604 35-39 0.043013 40-44 0.048351 45-49 0.057334 55-59 0.102138 60-64 0.136802 65-59 0.102138 60-64 0.136802	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 100000 88794 83988 84692 83858 83219 81502 80426 76266 73559 70646 6707 64338 66649 56160 50444 43526	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 87317 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269 3369 3489 5736 6898 8528	83576 82528 81804 403175 396151 3369591 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 93526 411802 404821 397782 387382 374563 374563 312468 292023 266460 234875 195031 150605	0.98747 0.99122 0.98258 0.98259 0.97335 0.95535 0.96582 0.96119 0.95535 0.94858 0.93919 0.92487 0.90071 0.86511 0.64328 0.65062 0.00000 P(x) 0.93984 0.97892 0.98798 0.99130 0.98605 0.98261 0.97386 0.98261 0.97386 0.965873 0.965873 0.95448 0.95873 0.95448 0.95873 0.95448 0.95873 0.95448 0.95873 0.95446 0.95873 0.95446 0.95873 0.95457 0.93457 0.93457 0.93457 0.93457 0.93457 0.93457	4679335 4590359 45903359 4426027 4022852 3626702 2327410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4891318 4806017 4721758 4638232 4226430 3821610 3423828 3036446 2661883 2301372 1955741 1625878 1313410 1021386 754926 520052	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 20.53 17.18 14.11 11.25 8.74 6.47 4.49 6(x) 50.71 56.88 56.75 56.31 55.74 51.86 47.52 43.51 39.81 39.81 39.81 39.81 39.81 30.81	0.01567 0.01007 0.00766 0.00431 0.00271 0.00655 0.00738 0.001847 0.00983 0.01132 0.01753 0.02463 0.01753 0.02463 0.01753 0.02463 0.01753 0.02265 0.03288 0.04970 0.07208 0.012087 0.03219 0.01519 0.00766 0.00417 0.00266 0.00417 0.00265 0.00879 0.00990 0.00879 0.00993 0.00879 0.001513 0.00253 0.00879 0.001513 0.00253 0.00253 0.00253 0.00879 0.002153 0.00253 0.002937 0.002153 0.0021	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056555 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907 10-14 0.023269 15-19 0.031647 20-24 0.042306 25-29 0.047266 4 0.023269 15-19 0.031647 20-24 0.042306 25-29 0.047266 4 0.033844 35-39 0.053844	LEVEL= 1(x) 100000 83901 79396 77377 76672 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 771199 75149 73815 72815 70564 68923 66741 63918 60900 57621	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 9123 10.028 D(x) 18174 4627 2050 1334 1000 2250 1642 2181 2824 3017 3279	L(x) 89536 81243 78326 76699 75559 369736 359742 337407 323172 307787 291391 274291 256462 236175 211842 4185739 105534 65046 39186 L(x) 88005 79096 76112 74455 73295 358449 348718 339160 326648 312046 296305 279241 260722 240690	P(x) 0.90738 0.96409 0.97922 0.98514 0.97867 0.97297 0.97248 0.95239 0.94350 0.92090 0.89697 0.72413 0.61635 0.60244 0.00000 P(x) 0.89876 0.97283 0.98442 0.97830 0.97855 0.97259 0.97810 0.97259 0.96311 0.955310 0.94556 0.94241 0.99551	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 4016900 3928895 3849799 3773687 3692932 3625936 3625936 2625936 2625936 2926768 2918770 2579611 23252963 1940917 1644613 1365372	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 43.97 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30 e(x) 40.17 48.02 49.87 50.22 49.87 50.22 50.11 49.80 46.30 42.35 36.65 35.25 35.25 35.25 22.00	m(x) 0.17981 0.05545 0.02578 0.01701 0.00615 0.00400 0.00811 0.00915 0.0138 0.01154 0.01265 0.01425 0.01489 0.02489 0.03716 0.05255 0.01889 0.23282 m(x) 0.20551 0.05255 0.01988 0.23282
3 0.010019 4 0.007625 5-9 0.021300 10-14 0.013463 15-19 0.021219 20-24 0.032199 25-29 0.036233 30-34 0.041485 35-39 0.047955 40-44 0.055061 45-49 0.056888 50-54 0.083965 55-59 0.116016 60-64 0.156158 65-69 0.221051 70-74 0.305076 75-79 0.431030 80+ 1.000000 Alpha= FEMALES 1900 AGE(x) q(x) 0 0.112065 1 0.031592 2 0.015070 3 0.009849 4 0.007626 5-9 0.020632 10-14 0.013196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039604 4 0.03753 25-29 0.035502 30-34 0.039604 4 0.036562 5-9 0.020632 10-14 0.013196 15-19 0.021636 20-24 0.030753 25-29 0.035502 30-34 0.039604 40 0.0480351 40-44 0.048351 45-49 0.057334 45-49 0.074020 55-59 0.102138 60-64 0.136802 66-69 0.195918 70-74 0.278715 75-79 0.393165 80+ 1.000000	82960 82129 81503 79767 78693 774543 71842 68862 65560 61950 57806 52953 46809 39500 30768 21382 12165 -0.01970 1(x) 100000 88794 85988 84492 83219 81502 80426 76866 676266 67657 64338 60649 56169 561424 43526 34988 22244	1309 831 626 1736 1074 1670 2480 2701 2980 3302 3610 4144 4854 6143 7310 8731 9387 9216 12165 Beta= D(x) 11207 2805 1296 834 640 1717 1075 1740 2420 2708 2913 3039 3269 36898 5736 6898 8528 9755 9925 15319	83576 82528 81804 403175 396151 3369591 378917 365964 351761 336054 318774 299390 276897 249404 215772 175669 130374 83867 54566 1.016000 L(x) 92716 87138 85302 84259 93526 411802 404821 397782 387382 374563 374563 312468 292023 266460 234875 195031 150605	0.98747 0.99122 0.98571 0.98258 0.96269 0.97335 0.96582 0.96119 0.95535 0.94858 0.9319 0.90071 0.86515 0.63444 0.74216 0.64328 0.65062 0.00000 P(x) 0.93846 0.93984 0.97892 0.98778 0.91386 0.96691 0.97386 0.96691 0.96691 0.95873 0.95432 0.94727 0.91246 0.83581 0.76718 0.83581 0.76718 0.67333 0.70734	4673935 4590359 4590353 4426027 4022852 3626702 23237410 2858494 2492529 2140769 1804714 1485940 1186550 909653 660249 444477 268808 138434 54566 T(x) 5071172 4978457 4896017 4721758 4638232 4226430 3821610 3423828 3036446 666483 2301372 1955741 1021386 754926 520052 323741 17313410	55.46 55.33 54.89 54.31 50.43 46.09 42.03 38.35 34.69 31.09 20.53 17.18 14.11 11.25 8.74 6.47 4.49 6(x) 50.71 56.88 56.75 56.31 55.74 51.86 47.52 43.51 39.81 39.81 39.81 39.81 39.81 30.81	0.01567 0.01007 0.00766 0.00431 0.00271 0.00242 0.00655 0.00738 0.01384 0.01338 0.01338 0.04970 0.07263 0.10263 0.10267 0.07269 0.12087 0.02295 0.0266 0.0047 0.00266 0.00437 0.00266 0.00437 0.00266 0.00437 0.00266 0.00437 0.00266 0.00437 0.00263 0.00878	FEMALES 1850 AGE(x) q(x) 0 0.160990 1 0.053694 2 0.025428 3 0.016862 4 0.012980 5-9 0.030304 10-14 0.023656 15-19 0.031480 20-24 0.039739 25-29 0.044741 30-34 0.05607 35-39 0.056075 40-44 0.061447 45-49 0.068787 50-54 0.090182 55-59 0.117149 60-64 0.170013 65-69 0.232248 70-74 0.332693 75-79 0.460007 80+ 1.000000 BOTH SEXES 1850 AGE(x) q(x) 0 0.181742 1 0.056550 2 0.026553 3 0.017746 4 0.013549 5-9 0.030907 10-14 0.023269 15-19 0.031647 20-24 0.042306 25-29 0.047206 30-34 0.051884 35-39 0.0615884 40-44 0.071397	1(x) 100000 83901 79396 77377 75085 72810 71087 68849 66113 63155 59959 56597 53119 49465 45005 39732 32977 25318 16895 9123 LEVEL= 1(x) 100000 81826 77199 75149 75149 751815 72815 70564 66923 66741 63918 66900 57621 54075 550214	9.203 D(x) 16099 4505 2019 1305 987 2275 1722 2238 2736 2958 3362 3478 3654 4461 5272 6755 8423 7772 9123 10.028 D(x) 18174 4627 2050 1334 1000 2250 1642 3017 3279 3546 3861 4152	L(x) 89536 81243 78326 76699 75559 369736 359742 337407 323172 2307787 291391 274291 266462 236175 211842 181774 145739 105534 65046 39186 L(x) 88005 79096 76112 74455 73295 358449 348718 339160 326648 312046 296305 217972	P(x) 0.90738 0.96409 0.97922 0.98514 0.97267 0.97248 0.95781 0.95239 0.94532 0.93500 0.89697 0.89697 0.85806 0.96218 0.00000000000000000000000000000000000	T(x) 4256489 4166953 4085710 4007384 3930686 3855127 3485390 3125648 2775807 2438400 2115228 1807441 1516050 1241759 985297 749122 537279 355505 209766 104232 39186 T(x) 4016900 3928895 3849799 3773687 3679583 2625936 3267488 2918770 2579611 2252263 1340917 1644613 1365372	e(x) 42.56 49.67 51.46 51.79 51.67 51.34 47.87 40.32 36.88 33.49 30.14 26.79 23.38 19.92 16.65 13.52 10.78 8.29 6.17 4.30 e(x) 40.17 48.02 49.87 50.22 50.11 49.80 46.30 42.35 38.65 35.25 31.87 28.54 25.25 22.00 18.76	m(x) 0.17981 0.05545 0.02578 0.02578 0.01701 0.00615 0.00479 0.00681 0.00136 0.01154 0.01154 0.01154 0.01156 0.01425 0.01889 0.02489 0.02489 0.02489 0.02489 0.02489 0.03716 0.05255 0.07982 0.11948 0.23282

60-64 0.191364	35508	6795	160552	0.77914	454401	12.80	0.04232	45-49 0.080741	55618	4491	266863	0.90725	1229300	22.10	0.01683
65-69 0.257339	28713	7389	125092	0.70012	293848	10.23	0.05907	50-54 0.105820	51127	5410		0.87953	962437		0.02235
70-74 0.357166 75-79 0.486573	21324 13708	7616 6670	87579 51964	0.59220	168756 81177		0.08696 0.12860	55-59 0.136859	45717	6257		0.83881	720327		0.02938
80+ 1.000000	7038	7038		0.00000	29312		0.24010	60-64 0.189379 65-69 0.257167	39460 31987	7473 8226		0.78027 0.70166	507384 328766		0.04184
	LEVEL=	9.633						70-74 0.353757	23761	8406	97792	0.59500	189395		0.08595
TOTAL POPULATION	ī							75-79 0.484296 80+ 1.000000	15355 7919	7437 7919		0.57432	91603 33 4 17		0.12781 0.23697
MALES 1860	•							504 2.00000	LEVEL=	11.550	33411	0.0000	33417	4.22	
AGE(x) Q(x) 0 0.173864	1(x) 100000	D(x) 17386	L(x) 88351	P(x) 0.90777	T(x)	e(x) 41.79	m(x) 0,19679	n							
0 0.173864	82614	4087	80202	0.96728			0.05096	FEMALES 1870 AGE(x) Q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.022797	78526	1790	77578	0.98130			0.02308	0 0.131923	100000	13192	91425	0.92579	4745693	47.46	0.14430
3 0.015278 4 0.011531	76736 755 64	1172 871		0.98666 0.98121			0.01540 0.01160	1 0.042316 2 0.019801	86808	3673 1646		0.97190	4654268 4569627		0.04340
5-9 0.026589	74692	1986	368497	0.97701			0.00539	2 0.019801 3 0.013056	83134 81488	1064			4487366		0.02001
10-14 0.019299	72706	1403	360024	0.97680	3413627		0.00390	4 0.010011	80424	805	80006	0.98312	4406431	54.79	0.01006
15-19 0.027183 20-24 0.038504	71303 69365	1938 2671		0.96723			0.00551	5-9 0.024212	79619 77691	1928 1467			4326425		0.00490 0.00381
25-29 0.042490	66694	2834		0.95442			0.00765	10-14 0.018886 15-19 0.025438	76224	1939		0.97787	3548360		0.00515
30-34 0.048812	63860	3117		0.94689	2035398		0.01001	20-24 0.032328	74285	2401		0.96561			0.00657
35-39 0.057626 40-44 0.070679	607 4 3 572 4 3	3500 4046	294965 276099	0.93604			0.01187 0.01465	25-29 0.036517	71884	2625		0.96110	2806664 2453808		0.00744
45-49 0.085448	53197	4546	254621	0.90220	1152824		0.01785	30-34 0.041371 35-39 0.046156	69259 66393	2865 3064		0.95629	2114678		0.00945
50-54 0.111316	48651	5416		0.87390	898203		0.02358	40-44 0.051228	63329	3244			1790372		0.01051
55-59 0.142733 60-64 0.196510	43236 37065	6171 7284	200751 167114	0.83244	668486 467735		0.03074	45-49 0.058557	60085	3518		0.93222	1481838		0.01206
65-69 0.265205	29781	7898	129160	0.69349	300621		0.06115	50-54 0.077582 55-59 0.102268	56566 52178	4389 5336		0.91037	918350		0.01614
70-74 0.362712	21883	7937	89572	0.58613	171461		0.08861	60-64 0.149611	46842	7008		0.82314	670801	14.32	0.03234
75-79 0.494138 80+ 1.000000	13946 7055	6891 7055	52501 29389	0.55978	81890 29389		0.13126 0.24004	65-69 0.208905	39834	8321		0.74873	454113 275748		0.04665
80+ 1.000000	LEVEL=	10.869	29369	0.00000	27307	4.17	0.24004	70-74 0.304822 75-79 0.430235	31512 21907	9606 9425		0.64375	142201		0.07193 0.10963
								80+ 1.000000	12482	12482		0.00000	56231		0.22197
FEMALES 1860 AGE(x) Q(x)	1 (x)	54	L(x)	P(x)	T(x)	e(x)	m(x)		LEVEL=	11.984					
AGE(x) q(x) 0 0.148221	100000	D(x) 14822		0.91551			0,16402	BOTH SEXES 1870							
1 0.048695	85178	4148	82731	0.96754			0.05014	AGE(x) $q(x)$	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.022939 3 0.015174	81030 79171	1859 1201	80045 78547	0.98128	4291190		0.02322 0.01529	0 0.147305 1 0.043943	100000	14731	90278	0.92003	4540085		0.16317 0.04511
4 0.011660	77970	909	77497	0.98063			0.01173	1 0.043943 2 0.020360	85270 81523	3747 1660	83059 80643	0.98336			0.02058
5-9 0.027628	77061	2129	379982	0.97536			0.00560	3 0.013522	79863	1080	79301	0.98815	4286105	53.67	0.01362
10-14 0.021561	74932 73316	1616 2113	370620 361298	0.97485	3675119		0.00436	4 0.010279	78783	810		0.98286			0.01033
15-19 0.028826 20-24 0.036483	71203	2598	349520	0.96124			0.00743	5-9 0.024480 10-14 0.018454	77973 76064	1909 1404	385093 376812	0.97850 0.97807	4128442 3743349		0.00496
25-29 0.041128	68605	2822	335972	0.95622	2593680		0.00840	15-19 0.025476	74661	1902		0.97022	3366537	45.09	0.00516
30-34 0.046549	65784	3062		0.95093			0.00953	20-24 0.034193	72758	2488			2997990		0.00696
35-39 0.051717 40-44 0.056958	62721 59478	3244 3388	305498 288919	0.93948			0.01082	25-29 0.038098 30-34 0.043448	70271 67593	2677 2937		0.95928	2640417 2295757		0.00777
45-49 0.064293	56090	3606		0.92587			0.01329	35-39 0.049972	64657	3231			1965132		0.01025
50-54 0.084647	52484	4443		0.90294			0.01768	40-44 0.058652	61426	3603		0.93612	1649926		0.01208
55-59 0.110612 60-64 0.161051	48041 42727	5314 6881	226921 196433	0.86564	819283 592362	17.05	0.02342	45-49 0.069438 50-54 0.091354	57823 53808	4015 4916	279077 256750	0.92000	1351804 1072728		0.01439 0.01915
65-69 0.221994	35846	7958		0.73492	395929	11.05	0.04994	55-59 0.119027	48892	5819		0.85772	815977		0.02531
70-74 0.320449	27888	8937		0.62838	236593	8.48	0.07632	60-64 0.168684	43073	7266		0.80275	586065		0.03684
75-79 0.446929 80+ 1.000000	18952 10 4 82	8470 10482	73583 45910	0.62393	119493 45910		0.11511 0.22831	65-69 0.231607 70-74 0.327350	35807 27514	8293 9007		0.72679	388865 230563		0.05239 0.07828
	LEVEL=	10.859						75-79 0.454310	18507	8408		0.61516	115510		0.11757
	_							80+ 1.000000	10099	10099	43994	0.00000	43994	4.36	0.22956
BOTH SEXES 1860 AGE(x) Q(x)	0 1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		LEVEL=	11.770					
0 0.161445		16145	89345	0.91136	4316965	43.17	0.18070	TOTAL POPULATION							
1 0.049119		4119		0.96738			0.05058	MALES 1880							
2 0.022883 3 0.015236		1825 1187	78770 77295	0.98128			0.02316 0.01536	AGE(x) Q(x) 0 0.184915	1(x) 100000	D(x) 18492	L(x) 87611	P(x) 0.90110	T(x) 4025167	e(x) 40.25	m(x) 0.21106
4 0.011603		890		0.98091		52.01	0.01167	1 0.053285	81509	4343		0.96467			0.05501
5-9 0.027119		2057	374032		3913869		0.00550	2 0.024652	77165	1902		0.97975			0.02498
10~14 0.020430 15-19 0.028010		1507 2024	365122 356293	0.97582	3539837 3174715		0.00413 0.00568	3 0.016552 4 0.012509	75263 74017	1246 926		0.98553 0.97983			0.01670 0.01259
20-24 0.037524	70247	2636	344643	0.96036	2818421	40.12	0.00765	5-9 0.028433	73091	2078		0.97542		49.72	0.00577
25-29 0.041838		2829		0.95529			0.00855	10-14 0.020612	71013	1464		0.97529			0.00417
30-34 0.047717 35-39 0.054725		3091 3376		0.94886			0.00978 0.01125	15-19 0.028890 20-24 0.040927	69549 67540	2009 2764		0.96518 0.95696			0.00586
40-44 0.063886	58315	3725	282260	0.93080	1526602	26.18	0.01320	25-29 0.045241	64776	2931	316554	0.95146	2249119	34.72	0.00926
45-49 0.074881		4088		0.91409	1244342 981616		0.01556	30-34 0.052002	61845	3216		0.94347			0.01068
50-54 0.097838 55-59 0.126256		4941 5752		0.88868 0.84962	981616 741461		0.02057 0.02695	35-39 0.061301 40-44 0.074967	58629 55035	3594 4126		0.93208			0.01265 0.01558
60-64 0.177998		7086		0.79305	528039		0.03908	45-49 0.090062	50909	4585		0.89724			0.01886
65-69 0.242174		7925		0.71583	346712		0.05511	50-54 0.116705	46324	5406		0.86839	839270		0.02479
70-74 0.339591 75-79 0.467557		8421 7657		0.60951	202911 99 974		0.08181 0.12204	55-59 0.148493 60-64 0.203501	40918 34842	6076 7090		0.82621	621164 431763		0.03208
80+ 1,000000		8720	37233	0.00000	37233		0.23419	65-69 0.273085	27752	7579	119812	0.68549	275278		0.06325
	LEVEL=	10.856						70-74 0.371491	20173	7494		0.57745	155466		0.09125
TOTAL POPULATIO	N							75-79 0.503787 80+ 1.000000	12679 6291	6388 6291		0.54632	73336 25910		0.13468
MALES 1870									LEVEL=	10.229					
AGE(x) q(x) 0 0.162593	1(x)	D(x) 16259	L(x) 89106	P(x) 0.91451	T(x) 4343320	e(x) 43.43	m(x) 0,18247	pouring tono							
1 0.045590		3818		0.91451			0.04685	FEMALES 1880 AGE(x) Q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.020921	79923	1672	79037	0.98285	4172725	52.21	0.02116	0 0.160779	100000	16078	89549	0.90752	4259838	42.60	0.17954
3 0.013994		1095		0.98779			0.01410	1 0.053611	83922	4499		0.96415			0.05536
4 0.010548		814 1886			3939274		0.00500	2 0.025386 3 0.016834	79423 77407	2016 1303		0.97926			0.02573 0.01698
5-9 0.024708	76342														
10-14 0.017960	74456	1337	368936	0.97833	3562280		0.00362	4 0.012958	76104	986			3933937		0.01305
10-14 0.017960 15-19 0.025441	74456 73119	1337 1860	368936 360942	0.97833 0.96933	3562280 3193344	43.67	0.00515	5-9 0.030260	75118	2273	369905	0.97301	3858347	51.36	0.00614
10-14 0.017960	74456 73119 71258	1337	368936 360942 349872	0.97833	3562280 3193344 2832402	43.67 39.75					369905 359920		3858347 3488442	51.36 47.89	
10-14 0.017960 15-19 0.025441 20-24 0.036033 25-29 0.039684 30-34 0.045558	74456 73119 71258 68691 65965	1337 1860 2568 2726 3005	368936 360942 349872 336639 322311	0.97833 0.96933 0.96217 0.95744 0.95038	3562280 3193344 2832402 2482529 2145891	43.67 39.75 36.14 32.53	0.00515 0.00734 0.00810 0.00932	5-9 0.030260 10-14 0.023622 15-19 0.031436 20-24 0.039685	75118 72844 71124 68888	2273 1721 2236 2734	369905 359920 350029 337605	0.97301 0.97252 0.96451 0.95787	3858347 3488442 3128521 2778492	51.36 47.89 43.99 40.33	0.00614 0.00478 0.00639 0.00810
10-14 0.017960 15-19 0.025441 20-24 0.036033 25-29 0.039684	74456 73119 71258 68691 65965 62960	1337 1860 2568 2726	368936 360942 349872 336639 322311 306317	0.97833 0.96933 0.96217 0.95744	3562280 3193344 2832402 2482529 2145891 1823580	43.67 39.75 36.14 32.53 28.96	0.00515 0.00734 0.00810	5-9 0.030260 10-14 0.023622 15-19 0.031436	75118 72844 71124	2273 1721 2236	369905 359920 350029 337605 323381	0.97301 0.97252 0.96451	3858347 3488442 3128521 2778492 2440888	51.36 47.89 43.99 40.33 36.90	0.00614 0.00478 0.00639

35-39 0.056003	60004	3360	291620	0.94139	1809501	30 16	0.01152	25-29 0.037247	70887	2640	347932	0.96019	2670038	37 01	0.00759
40-44 0.061373	56644	3476		0.93507	1517881		0.01266	30-34 0.042476	68246	2899		0.95439	2332105		0.00868
45-49 0.068713	53167	3653		0.92098	1243353		0.01423	35-39 0.048889	65348	3195			1998120		0.01002
50-54 0.090091 55-59 0.117041	49514 45053	4461 5273	212084	0.89707 0.85819	986649 750231	19.93 16.65	0.01887 0.02486	40-44 0.057460 45-49 0.068198	62153 58581	3571 3995	301835 282919	0.93733 0.92135	1679370 1377534		0.01183 0.01412
60-64 0.169865	39780	6757		0.80192	538147		0.03713	50-54 0.089877	54586	4906		0.89702	1094615		0.01882
65-69 0.232079 70-74 0.332491	33023 25359	7664 8432		0.72431	356139 210184	10.78 8.29	0.05251 0.07976	55-59 0.117380 60-64 0.166562	49680 43849	5831 7304		0.85956 0.80496	833949 600126		0.02494
75-79 0.459791	16927	7783		0.60278	104468		0.11941	65-69 0.229200	36545	8376		0,72929	399141		0.05177
80+ 1.000000	9144 LEVEL≃	9144 10.041	39289	0.00000	39289	4.30	0.23275	70-74 0.324563 75-79 0.451294	28169 19026	9143 8587		0.62435	237355 119367		0.07749 0.11656
	DEVEN-	10.041						80+ 1.000000	10440	10440		0.00000	45701		0.22844
BOTH SEXES 1880									LEVEL=	11.982					
AGE(x) q(x) 0 0.173520	1(x) 100000	D(x) 17352	L(x) 88548	P(x) 0.90389	T(x) 4135704	e(x) 41.36	m(x) 0.19596	TOTAL POPULATION							
1 0.053540	82648	4425	80037	0.96435	4047156	48.97	0.05529	MALES 1900							
2 0.025059 3 0.016722	78223 76263	1960 1275	77184 75600	0.97947 0.98532	3967119 3889935	50.72 51.01	0.02540 0.01687	AGE(x) q(x) 0 0.145309	1(x) 100000	D(x) 14531	L(x) 90264	P(x) 0.92493	T(x) 4612297	e(x) 46.12	m(x) 0.16098
4 0.012754	74988	956	74490	0.97924	3814335	50.87	0.01284	1 0.039290	85469	3358	83488	0.97417	4522033	52.91	
5-9 0.029372 10-14 0.022119	74031 71857	2174 1589	364720 355310	0.97420 0.97390	3739845 3375125		0.00596	2 0.017912 3 0.011944	82111 80640	1471 963			4438545 4357213		0.01808 0.01202
15-19 0.030174	70267	2120	346036	0.96481	3019815	42.98	0.00447	3 0.011944 4 0.008985	79677	716			4277074	53.68	0.01202
20-24 0.040369	68147	2751	333858	0.95735	2673779	39.24	0.00824	5-9 0.021783	78961	1720			4197769		0.00440
25-29 0.045031 30-34 0.051362	65396 62 45 1	2945 3208	319618 304237	0.95188 0.94502	2339921 2020303	35.78 32.35	0.00921 0.01054	10-14 0.015727 15-19 0.022769	77241 76026	1215 1731	383169 375804	0.98078 0.97255	3807263 3424094	49.29 45.04	0.00317
35-39 0.058784	59244	3483	287512	0.93658	1716066	28.97	0.01211	20-24 0.032244	74295	2396	365488	0.96621	3048290	41.03	0.00655
40-44 0.068355 45-49 0.079527	55761 519 4 9	3812 4131		0.92626 0.90904	1428554 1159278		0.01415 0.01656	25-29 0.035381 30-34 0.040568	71900 69356	2544 2814		0.96207 0.95573	2682802 2329663		0.00720
50-54 0.103372	47818	4943	226733	0.88289	909859	19.03	0.02180	35-39 0.048129	66542	3203	324705	0.94628	1989918		0.00986
55-59 0.132426	42875	5678	200181	0.84271	683126		0.02836	40-44 0.059598	63340	3775			1665213		0.01229
60~64 0.185950 65-69 0.251196	37197 30280	6917 7606		0.78477	482946 314251	12.98 10.38	0.04100 0.05746	45-49 0.073524 50-54 0.097309	59565 55185	4379 5370		0.91504 0.88827	1357952 1071077	19.41	0.01527
70-74 0.350046	22674	7937	93528	0.59921	181865	8.02	0.08486	55-59 0.127700	49815	6361	233173	0.84872	808576	16.23	0.02728
75-79 0.478870 80+ 1.000000	14737 7680	7057 7680		0.57624	88337 32294		0.12592 0.23781	60~64 0.178320 65~69 0.244679	43454 35705	7749 8736		0.79175 0.71429	575403 377505		0.03916 0.05576
2.00000	LEVEL=	10.118	30277	0.00000	32234	1.20	0.43701	70-74 0.340027	26969	9170	111919	0.60866	220B20		0.08194
momes popus emice	,							75-79 0.469088 80+ 1.000000	17799	8349		0.59865	108901		0.12256
TOTAL POPULATION MALES 1890	•							80+ 1.000000	9450 LEVEL=	9450 12.620	40780	0.00000	40780	4.32	0.23172
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)								
0 0.155682 1 0.043207	100000 84432	15568 3648	89569 82279	0.91861 0.97153	4447131 4357562	44.47 51.61	0.17381 0.04434	FEMALES 1900 AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.019779	80784	1598	79937	0.98380	4275282	52.92	0.01999	0 0.120670	100000	12067	92156	0.93283	4951379	49.51	0.13094
3 0.013214 4 0.009953	79186 781 4 0	1046 778	786 4 2 77735	0.98847	4195345 4116704	52.98 52.68	0.01331 0.01000	1 0.037911 2 0.017659	87933 84599	3334 1494	85966 83808	0.97489	4859223 4773257		0.03878
5-9 0.023554	77362	1822	382254	0.97962	4038968	52.21	0.01000	3 0.011618	83105	966	82603	0.98979	4689449		0.01763
10-14 0.017139	75540	1295	374462	0.97928	3656715	48.41	0.00346	4 0.008895	82140	731	81760	0.98483	4606846		0.00894
15-19 0.024373 20-24 0.034518	74245 72435	1810 2500	366701 355926	0.97062	3282253 2915552		0.00493	5-9 0.021853 10-14 0.017040	81409 79630	1779 1357	402599 394759	0.98053	4525086 4122487		0.00442
25-29 0.037963	69935	2655	343038	0.95929	2559626	36.60	0.00774	15-19 0,023099	78273	1808	386847	0.97376	3727728	47.62	0.00467
30~34 0.043562 35~39 0.051579	67280 64349	2931 3319	329074 313449	0.95252	2216588 1887514	32.95 29.33	0.00891 0.01059	20-24 0.029459 25-29 0.033333	76465 74213	2253 2474	376695 364879	0.96863	3340881 2964186		0.00598
40-44 0.063623	61030	3883	295444	0.92949	1574065	25.79	0.01039	30-34 0.037795	71739	2711		0.95999	2599307		0.00070
45-49 0.077856	57147	4449	274613	0.91035	1278621		0.01620	35-39 0.042316	69028	2921		0.95526	2247390		0.00865
50-54 0.102450 55-59 0.133257	52698 47299	5399 6303	249993 220738	0.88298	1004008 754015		0.02160 0.02855	40-44 0.047272 45-49 0.054597	66107 62982	3125 3439		0.94915	1909555 1586834		0.00968 0.01123
60~64 0.185006	40996	7585	186020	0.78480	533277	13.01	0.04077	50-54 0.072704	59543	4329	286893	0.91584	1280522	21.51	0.01509
65-69 0.252239 70-74 0.348267	33412 24984	8428 8701	145989 103167	0.70668	347257 201268		0.05773 0.08434	55-59 0.096508 60-64 0.141713	55214 49885	5329 7069	262749 231754	0.88204	993630 730881		0.02028 0.03050
75-79 0.478262	16283	7787	61946	0.58367	98102	6.02	0.12571	65-69 0.199868	42816	8558	192686	0.75828	499128		0.04441
80+ 1.000000	8495	8495	36156	0.00000	36156	4.26	0.23496	70-74 0.294032	34258	10073		0.65437	306442 160332		0.06894
	LEVEL=	11.982						75-79 0.418710 80+ 1.000000	24185 14059	10127 14059		0.67693	64722		0.10592
FEMALES 1890									LEVEL=	12.807					
AGE(x) q(x) 0 0.131721	1(x) 100000	D(x) 13172	L(x) 91438	P(x) 0.92592	T(x) 4749296	e(x) 47.49	m(x) 0.14405	BOTH SEXES 1900							
1 0.042237	86828	3667	84664	0.97195	4657858	53.64	0.04332	AGE(x) $q(x)$	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.019763 3 0.013030	83161 81517	16 44 1062	82289 80965	0.98390			0.01997 0.01312	0 0.133086 1 0.038427	100000 86691	13309 3331		0.92885 0.97465			0.14590 0.03932
4 0.009991	80455	804	80037	0.98315	4409940		0.01312	2 0.017703	83360	1476	82578	0.98555			0.03932
5-9 0.024170	79651	1925		0.97846			0.00489	3 0.011725	81884	960		0.98974			0.01180
10-14 0.018853 15-19 0.025396	77726 76261	1465 1937		0.97791 0.97121			0.00381 0.00514	4 0.008897 5-9 0.021757	80924 80204	720 1745		0.98488			0.00894
20-24 0.032276	74324	2399	365622	0.96567	3175034	42.72	0.00656	10-14 0.016345	78459	1282	389090	0.98039	3964002	50.52	0.00330
25-29 0.036459 30-34 0.041307	71925 69303	2622 2863	353069 339356	0.96116 0.95635			0.00743	15-19 0.022928 20-24 0.030845	77177 75407	1770 2326		0.97316			0.00464 0.00627
35-39 0.046087	66440	3062		0.95144			0.00943	25-29 0.034338	73081	2509	359133	0.96330	2822229		0.00699
40-44 0.051157	63378 60136	3242 3517		0.94527			0.01050	30-34 0.039156	70572 67809	2763 3064		0.95789			0.00799 0.00925
45-49 0.058486 50-54 0.077495	56619	4388		0.93230			0.01205 0.01612	35-39 0.045193 40-44 0.053392	64744	3457		0.95080			0.00923
55-59 0.102165	52231	5336	247814	0.87546	919648	17.61	0.02153	45-49 0.063968	61287	3920	296636	0.92599	1470683	24.00	0.01322
60-64 0.149470 65-69 0.208743	46895 39885	7009 8326		0.82329	671834 454883		0.03231 0.04661	50~54 0.084741 55~59 0.111646	57367 52506	4861 5862		0.90240	1174047 899366		0.01770 0.02365
70-74 0.304628	31560	9614	133763	0.64394	276271	8.75	0.07187	60-64 0.159228	46644	7427	214650	0.81261	651493	13.97	0.03460
75-79 0.430029 80+ 1.000000	21946 12508	9437 12508		0.65447	142508 56373		0.10956 0.22189	65-69 0.220888 70-74 0.315041	39217 30554	8662 9626		0.73788	436843 262416		0.04966 0.07479
807 1.000000	LEVEL=	11.999	30373	0.00000	30373	4.31	0.22103	75-79 0.440943	20928	9228		0.63918	133710		0.11313
DOWN COMES								80+ 1.000000	11700	11700	52139	0.00000	52139	4.46	0.22440
BOTH SEXES 189(AGE(x) q(x)) l(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		LEVEL=	12.720					
0 0.144086	100000	14409	90490	0.92200	4592615	45.93	0.15923	WHITE POPULATION	1						
1 0.042764 2 0.019789	85591 81931	3660 1621		0.97171			0.04387 0.02000	MALES 1850 AGE(x) q(x)	l(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
3 0.013135	80310	1055	79761	0.98849	4337621	54.01	0.01323	0 0.195475	100000	19548	86903	0.89468	3883260	38.83	0.22493
4 0.009981 5-9 0.023879	79255 78 4 64	791 1874		0.98330			0.01003 0.00483	1 0.056925 2 0.026437	80453 75873	4580 2006		0.96218			0.05890 0.02681
10-14 0.018003	76590	1379		0.97902			0.00363	3 0.017783	73867	1314		0.98445			0.01795
15-19 0.024899	75211 73339	1873		0.97089			0.00504	4 0.013456	72553	976		0.97850			0.01355
20-24 0.033435		2452	このひつひろ	0.96469	204020T	41.40	0.00680	5-9 0.030196	71577	2161	332402	0.97391	247020/	40.08	0.00613

10-14 0.021866	69416	1518	343284	0.97385	3146085	45.32	0.00442	4 0.010735	79334	852	78891	0.98202	4282964	53.99	0,01080
15-19 0.030522	67898	2072		0.96322	2802801	41.28	0.00620	5-9 0.025723	78482	2019	387365	0.97707	4204073	53.57	0.00521
20-24 0.043241	65825	2846	322011	0.95450	2468493	37.50	0.00884	10-14 0.020070	76464	1535	378481	0.97653	3816708	49.92	0.00405
25-29 0.047869 30-34 0.055051	62979 59964	3015 3301	307359 291569	0.94863	2146481 1839123	30.67	0.00981	15-19 0.026937 20-24 0.034166	74929 72911	2018 2491	369599 358325	0.96950	3438227 3068628	45.89 42.09	0.00546
35-39 0.064814	56663	3673		0.92830	1547554	27.31	0.01340	25-29 0.038557	70420	2715	345310	0.95894	2710303	38.49	0.00786
40-44 0.079064	52991	4190	254479	0.91355	1273419	24.03	0.01646	30-34 0.043662	67704	2956	331131	0.95392	2364993	34.93	0.00893
45-49 0.094471 50~54 0.121854	48801 44191	4610 5385		0.89252	1018939 786460	20.88 17.80	0.01983	35-39 0.048616 40-44 0.053763	64748 61600	3148 3312	315872 299723	0.94887	2033862 1717990		0.00997
55-59 0.153996	38806	5976	179090	0.82026	578968	14.92	0.03337	45-49 0.061095	58289	3561	282540	0.92941	1418268	24.33	0.01260
60-64 0.210181	32830	6900	146899	0.75874	399878	12.18	0.04697	50-54 0.080708	54727	4417		0.90720	1135727		0.01682
65-69 0.280615	25930	7276	111458	0.67785	252979	9.76	0.06528	55-59 0.105960	50311	5331	238225	0.87105	873132		0.02238
70-74 0.379880 75-79 0.513007	18653 11567	7086 5934	75552 43002	0.56916	141521 65969	7.59 5.70	0.09379 0.13800	60-64 0.154672 65-69 0.214696	44980 38023	6957 8163	207505 169704	0.81783 0.74262	634907 427402	14.12 11.24	0.03353 0.04810
80+ 1.000000	5633	5633		0.00000	22967	4.08	0.24527	70-74 0.311736	29859	9308	126026	0.63694	257697		0.07386
	LEVEL=	9.639						75-79 0.437621	20551	8994	80271	0.64033	131671		0.11204
FEMALES 1850								80+ 1.000000	11557 LEVEL=	11557 11.476	51400	0.00000	51400	4.45	0.22485
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		DAVEL-	11.470					
0 0.155244	100000	15524	89909	0.91105	4348679	43.49	0.17267	BOTH SEXES 186							
1 0.051444	84476	4346	81912	0.96565	4258770	50.41	0.05305	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.024305 3 0.016099	80130 78182	1948 1259	79098 77528	0.98015	4176859 4097761	52.13 52.41	0.02462	0 0.152433 1 0.045820	100000 84757	15243 3884	89939 82465	0.91690	4457771 4367832	44.58 51.53	0.16948
4 0.012382	76924	952	76428	0.97956	4020233	52.26	0.01246	2 0.021272	80873	1720	79961	0.98261	4285367		0.02151
5-9 0.029100	75971	2211	374329	0.97405	3943805	51.91	0.00591	3 0.014140	79153	1119	78571	0.98761	4205405		0.01424
10-14 0.022713	73760	1675	364614 354967	0.97354	3569476 3204862	48.39 44.46	0.00459	4 0.010756	78034	839	77597	0.98216	4126834	52.89	0.01082
15-19 0.030286 20-24 0.038274	72085 69902	2183 2675	342821	0.95935	2849895	40.77	0.00780	5-9 0.025437 10-14 0.019170	77194 75231	1964 1442	381062 372548	0.97766	4049237 3668175	52.46 48.76	0.00515
25-29 0.043115	67226	2898	328886	0.95411		37.29	0.00881	15-19 0.026395	73789	1948	364073	0.96916	3295627	44.66	0.00535
30-34 0.048781	64328	3138		0.94862	2178188	33.86	0.01000	20-24 0.035401	71841	2543	352846	0.96261	2931554		
35-39 0.054114 40-44 0.059427	61190 57879	3311 3440	297672	0.94330	1864393	30.47 27.07	0.01112	25-29 0.039454	69298	2734 2995	339653 325330	0.95783	2578707 2239055		0.00805 0.00921
45-49 0.066764	54439	3635	263110	0.92313	1285926	23.62	0.01381	30-34 0.044996 35-39 0.051696	66564 63568	3286	309627	0.94399	1913725		
50-54 0.087691	50805	4455	242885	0.89966	1022816	20.13	0.01834	40-44 0.060551	60282	3650	292286	0.93419	1604098	26.61	
55-59 0.114207	46350	5293	218514	0.86147	779930	16.83	0.02422	45-49 0.071412	56632	4044	273050	0.91785	1311812		0.01481
60-64 0.165980 65-69 0.227634	41056 34242	6814 7795		0.80598	561416 373172	13.67 10.90	0.03620	50-54 0.093706 55-59 0.121649	52588 47660	4928 5798	250620 223806	0.89301	1038762 788142	19.75	0.01966 0.02591
70-74 0.327183	26447	8653	110603	0.62176	221450	8.37	0.07824	60-64 0.172062	41862	7203		0.79923	564337		0.02391
75-79 0.454121	17794	8081	68769	0.61190	110848	6.23	0.11750	65-69 0.235439	34659	8160	152896	0.72281	373033	10.76	0.05337
80+ 1.000000	9713	9713	42079	0.00000	42079	4.33	0.23084	70-74 0.331789	26499	8792	110516	0.61721	220136	8.31	0.07956
	LEVEL=	10.397						75-79 0.459114 80+ 1.000000	17707 9577	8130 9577	68211 41409	0.60707	109621 41409	6.19	0.11918 0.23129
BOTH SEXES 1850	0							807 1.00000	LEVEL*	11.431	41409	0.00000	41403	4.32	0.23123
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)								
0 0.17 4937 1 0.05 4 059	100000 82506	17494 4460	88454 79875	0.90301	4114967 4026513	41.15 48.80	0.19777 0.05584	WHITE POPULATIO	N						
2 0.025316	78046	1976	76999	0.97926	3946638	50.57	0.03564	MALES 1870 AGE(x) $q(x)$	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
3 0.016898	76070	1285	75402	0.98517	3869640	50.87	0.01705	0 0.155840	100000	15584	89559	0.91852	4444721	44.45	0.17401
4 0.012890	74785	964	74284	0.97904	3794238	50.74	0.01298	1 0.043262	84416	3652	82261	0.97149	4355163	51.59	0.04440
5-9 0.029637 10-14 0.022317	73821 71633	2188 1599	363635 354169	0.97397 0.97367	3719954 3356319	50.39 46.85	0.00602	2 0.019805	80764	1600	79916	0.98378	4272901	52.91	
15-19 0.030427	70034	2131	344845	0.96451	3002151	42.87	0.00618	3 0.013232 4 0.009966	79164 78117	1048 779	78620 77712	0.98846	4192985 4114365	52.97 52.67	
20-24 0.040703	67903	2764		0.95699	2657306	39.13	0.00831	5-9 0.023581	77338	1824	382133	0.97959	4036653	52.19	0.00477
25-29 0.045406		2958	318304	0.95148	2324698	35.69	0.00929	10-14 0.017158	75515	1296	374334	0.97925	3654520	48.39	0.00346
30-34 0.051790 35-39 0.059260		3220 3494	302858 286072	0.94457	2006395 1703536	32.27 28.89	0.01063 0.01221	15-19 0.024397 20-24 0.034553	74219 72408	1811 2502	366568 355787	0.97059	3280186 2913618	44.20	0.00494
40-44 0.068879		3821		0.92572		25.55	0.01427	25-29 0.038003	69906	2657	342890	0.95925	2557831	36.59	0.00775
45-49 0.080072		4135		0.90845	1149679	22.26		30-34 0.043608	67250	2933	328917	0.95247	2214940	32.94	
50-54 0.104021	47511	4942 5668	225202	0.88221	901783 676581	18.98 15.89	0.02195 0.02853	35-39 0.051631	64317	3321	313284	0.94250	1886023		
55-59 0.133150 60-64 0.186883		6896	167265	0.78380	477906	12.95	0.04123	40-44 0.063685 45-49 0.077922	60996 57112	3885 4450	295270 274433	0.92943	1572739 1277469	25.76 22.37	0.01316 0.01622
65-69 0.252255		7569	131102	0.70538	310640	10.35	0.05773	50-54 0.102527	52662	5399	249810	0.88290	1003036		0.02161
70-74 0.351273	22436	7881	92477		179538		0.08522	55-59 0.133339	47262	6302	220557	0.84263	753226		
75-79 0.480198 80+ 1.000000		6989 7566		0.57430	87061 31759		0.12638	60-64 0.185107	40960	7582		0.78470	532669		0.04080
1104 1.000000	LEVEL=	10.033	31,32	0.00000	31/33	4.20	0.23022	65-69 0.252352 70-74 0.348393	33378 24955	8423 8694		0.70656	346822 200988		0.05776 0.08438
								75-79 0.478400	16261	7779		0.58346	97948		0.12576
WHITE POPULATION	N							80+ 1,000000	8482	8482	36091	0.00000	36091	4.26	0.23501
MALES 1860 AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		LEVEL≖	11.970					
0 0.165242	100000	16524	88929	0.91293		43.04	0.18581	FEMALES 1870							
1 0.046503		3882 1700		0.96930			0.04781 0.02161	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.021361 3 0.014294		1113		0.98249			0.02161	0 0.126149 1 0.040055	100000 87385	12615 3500		0.92941			0.13742
4 0.010778		828	76350	0.98229	3978096		0.01084	2 0.018699	83885	1569		0.98478			0.01889
5-9 0.025150	75953	1910		0.97824			0.00509	3 0.012315	82316	1014	81789	0.98917	4589862	55.76	0.01239
10-14 0.018275 15-19 0.025850		1353		0.97797			0.00369	4 0.009436		767		0.98400			0.00948
20-24 0.036614		1879 2593		0.96156			0.00324	5-9 0.023002 10-14 0.017939	80535 78683	1852 1411		0.97950			0.00465 0.00362
25-29 0.040343		2752		0.95673			0.00823	15-19 0.024238	77271	1873		0.97249			0.00491
30-34 0.046322		3032		0.94956			0.00948	20-24 0.030855	75399	2326	371177	0.96716	3257562	43.20	0.00627
35-39 0.054758 40-44 0.067333		3419 3974		0.93913			0.01126	25-29 0.034883 30-34 0.039536	73072 70523	2549 2788		0.96283			0.00710 0.00807
45-49 0.081847		4505		0.90606			0.01707	35-39 0.044185		2993		0.95337			0.00904
50-54 0.107111	50536	5413	239147	0.87821	946954	18.74	0.02263	40-44 0.049198	64742	3185	315747	0.94723	1850559	28.58	0.01009
55-59 0.138239		6238		0.83731	707807		0.02970	45-49 0.056525		3480		0.93447			0.01163
60-64 0.191054 65-69 0.259056		7429 8149		0.77854 0.69974	497786 321933		0.04225	50-54 0.075079 55-59 0.099312		4360 5335		0.91328	1235726 956240		0.01560 0.02090
70-74 0.355862		8294		0.59291	185025		0.08658	60-64 0.145558		7042		0.82739	700992		0.03140
75-79 0.486609	15013	7305		0.57082	89225		0.12861	65-69 0.204268	41340	8444	185588	0.75363	476687	11.53	0 04550
80+ 1.000000		7708	32424	0.00000	32424	4.21	0.23771	70-74 0.299285		9845		0.64920	291098		0.07039
	LEVEL=	11.384						75-79 0.424321 80+ 1.000000		9781 13270		0.66558	151234 60434		0.10772 0.21957
FEMALES 1860								33. 1.00000	LEVEL=	12.402	50454			,	
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		_						
0 0.139134 1 0.045138		13913 3886	90956 83794	0.92126 0.96997		46.19 52.60	0.15297 0.04637	BOTH SEXES 187 AGE(x) q(x)	0 1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
2 0.021184		1741		0.98273			0.02142	AGE(X) Q(X) 0 0.140867		14087		0.92396			m(x) 0.15531
3 0.013988	80459	1125	79874	0.98769	4362839	54.22	0.01409	1 0.041586		3573		0.97251			0.04263

2 0.019220	82341	1583	81502	0.98430	4471274	54.30	0.01942	WHITE POPULATION	ī						
3 0.012750	80758	1030	80222	0.98883		54.36		MALES 1890							
4 0.009685 5-9 0.023279	79728 78956	772 1838	79327 390185	0.98374	4309550 4230223	54.05 53.58	0.00973	AGE(x) q(x) 0 0.148217	1(x) 100000	D(x) 14822	L(x) 90069	P(x) 0.92302	T(x) 4562400	e(x) 45.62	m(x) 0.16456
10-14 0.017553	77118	1354			3840038		0.00354	1 0.040634	85178	3461	83136	0.97327	4472330		0.04163
15-19 0.024322	75764	1843			3457831	45.64		2 0.018551	81717	1516	80914	0.98481	4389194		0.01874
20-24 0.032677 25-29 0.036395	73922 71506	2416 2602	363570 351025	0.96549	3083616 2720047	41.71 38.04	0.00664	3 0.012378 4 0.009315	80201 79208	993 738	79685 78825	0.98921	4308281 4228596	53.72 53.39	0.01246
30-34 0.041504	68904	2860	337369	0.95541		34.38	0.00848	5-9 0.022308	78471	1751	387977	0.98071			0.00451
35-39 0.047807	66044	3157		0.94807	2031653	30.76		10-14 0.016210	76720	1244	380492		3761794	49.03	0.00327
40-44 0.056269 45-49 0.066958	62887 59348	3539 3974	305586	0.93854	1709327 1403741	27.18	0.01158 0.01386	15-19 0.023219 20-24 0.032882	75477 73724	1752 2424	373001 362560	0.97201	3381302 3008301		0.00470 0.00669
50-54 0.088400	55374	4895		0.89857	1116935		0.01850	25-29 0.036105	71300	2574	350063	0.96129	2645741		0.00735
55-59 0.115733	50479	5842	237790	0.86141	852302	16.88		30-34 0.041407	68726	2846	336513	0.95483	2295678	33,40	0.00846
60-64 0.164441 65-69 0.226794	44637 37297	7340 8459	204835 165337	0.80718	614512 409678	13.77	0.03583 0.05116	35-39 0.049096 40-44 0.060727	65880 62 64 5	3234 3804	321313 303716	0.94523	1959164 1637851		0.01007 0.01253
70-74 0.321777	28838	9279	120992	0.62710	244340	8.47	0.07669	45-49 0.074739	58841	4398		0.91369	1334135		0.01553
75-79 0.448278	19559	8768	75874	0.62570	123348	6.31		50-54 0.098809	54443	5379	258768	0.88571	1050923		0.02079
80+ 1.000000	10791 LEVEL=	10791 12.190	47474	0.00000	47474	4.40	0.22730	55-59 0.129366 60-64 0.180284	49064 42717	6347 7701	229452 194331	0.84694	792155 562704		0.02766 0.03963
								65-69 0.246916	35016	8545	153463	0.71209	368373		0.05634
WHITE POPULATION	N							70-74 0.342337	26370	9027			214910		0.08261
MALES 1880 AGE(x) q(x)	1 (x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	75-79 0.471744 80+ 1.000000	17342 9161	8181 9161	66259 39371	0.59420	105630 39371		0.12347 0.23269
0 0.180077	100000	18008	87935	0.90403	4091985	40.92	0.20478		LEVEL=	12.427					
1 0.051617 2 0.023838	81992 77760	4232 1854	79495 76778	0.96581	4004050 3924555	48.83 50.47	0.05324	FEMALES 1890							
3 0.015992	75906	1214	75275	0.98603	3847777	50.69	0.01613	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
4 0.012079	74693	902	74223	0,98043	3772502		0.01216	0 0.123880	100000	12388	91948	0.93083	4891719	48.92	0.13473
5-9 0.027626 10-14 0.020037	73790 71752	2039 1438	363855 355165	0.97612 0.97595	3698278 3334423	50.12 46.47	0.00560 0.00405	1 0.039167 2 0.018268	87612 84181	3431 1538	85587 83365	0.97404	4799771 4714183	54.78 56.00	0.04009
15-19 0.028143	70314	1979	346624	0.96608	2979258	42.37	0.00571	3 0.012026	82643	994	82126	0.98943	4630818		0.01210
20-24 0.039866	68335	2724		0.95809	2632635	38.53		4 0.009212	81649	752	81258	0.98434	4548692		0.00926
25-29 0.044036	65611 62722	2889 3174	320832 305674	0.95275	2297769 1976937	35.02 31.52	0.00901 0.01038	5-9 0.022526 10-14 0.017567	80897 79074	1822 1389	399928 391899	0.97993	4467434		0.00456 0.00354
30-34 0.050606 35-39 0.059692	59548	3555		0.93382		28.07	0.01038	15-19 0.023766	77685	1846			3675607		0.00354
40-44 0.073089	55993	4092		0.91972		24.69	0.01517	20-24 0.030277	75839	2296	373455	0.96777	3291797	43.41	0.00615
45-49 0.088042 50-54 0.114346	51901 47331	4569 5412	248080	0.89941	1112677 864597	21.44	0.01842 0.02426	25-29 0.034241 30-34 0.038815	73543 71025	2518 2757	361419 348231	0.96351	2918342 2556923	39.68	0.00697
55-59 0.145971	41919	6119		0.82894	641471		0.03149	35-39 0.043411	68268	2964		0.95415	2208692		0.00792
60-64 0.200440	35800	7176		0.76882	447173		0.04455	40-44 0.048401	65304	3161	318619	0.94803	1874761		0.00992
65-69 0.269635 70-74 0.367647	28624 20906	7718 7686	123 026 85316	0.68900	286112 162285	10.00	0.06233	45-49 0.055726 50-54 0.074095	62143 58680	3463 4348	302060	0.93535	1556142 1254082	25.04	0.01146 0.01539
75-79 0.499563	13220	6604	49590	0.55212	76969		0.13318	55-59 0.098151	54333	5333		0.88012	971550		0.02064
80+ 1.000000		6616	27380	0.00000	27380	4.14	0.24163	60-64 0.143966	49000	7054			713219		0.03103
	LEVEL=	10.503						65-69 0.202446 70-74 0.297109	41945 33454	8492 9939	188498 142420	0.75555	485856 297358	11.58 8.89	0.04505 0.06979
PEMALES 1880								75-79 0.421997	23514	9923		0.67023	154937	6.59	0.10697
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	80+ 1.000000	13591	13591	62173	0.00000	62173	4.57	0.21861
0 0.153592 1 0.050798	100000 84641	15359 4300	90017 82104	0.91210	4375572 4285556	43.76 50.63	0.17063 0.05237		LEVEL=	12.568					
2 0.023983	80341	1927	79320	0.98042		52.32	0.02429	BOTH SEXES 1890)						
3 0.015881	78414	1245	77767	0.98601			0.01601	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
4 0.012212 5-9 0.028754	77169 76227	9 4 2 2192	76679 375654	0.97981	4046365 3969686	52.44	0.01229	0 0.136205 1 0.039879	100000 86380	13621 3445	91010 84347	0.92678	4724159 4633148	47.24 53.64	0.14966 0.04084
10-14 0.022442	74035	1661	366021	0.97385	3594032	48.55		2 0.018398	82935	1526	82126	0.98498	4548801	54.85	0.01858
15-19 0.029942	72373	2167		0.96616			0.00608	3 0.012195	81409	993			4466675	54.87	0.01227
20-24 0.037853 25-29 0.042648	70206 675 4 9	2658 2881		0.95980		37.41	0.00772 0.00872	4 0.009257 5-9 0.022409	80416 79672	744 1785	80029 393895	0.98438	4385782 4305753	54.54 54.04	0.00930
30-34 0.048256	64668	3121	315539	0.94916			0.00989	10-14 0.016858	77886	1313	386149	0.97986	3911858		0.00340
35-39 0.053550	61547	3296	299497		1881093		0.01100	15-19 0.023487	76573 74775	1798		0.97252	3525708	46.04	0.00475
40-44 0.058846 45-49 0.066183	58252 54824	3428 3628	282688 265047	0.92378	1581595 1298907		0.01213 0.01369	20-24 0.031578 25-29 0.035162	72414	2361 2546		0.96241		42.09 38.38	0.00642 0.00716
50-54 0.086975	51195	4453		0.90043			0.01819	30-34 0.040097	69867	2801		0.95689			0.00818
55-59 0.113361 60-64 0.164820		5299 6831		0.86246	789015 568549		0.02403 0.03592	35-39 0.046240 40-44 0.054543	67066	3101		0.94971			0.00947 0.01121
65-69 0.226307		7833		0.73038	378407		0.05104	45-49 0.065163	63965 60476	3489 3941		0.92464			0.01121
70-74 0.325599	26780	8719	112101	0.62332	224925	8.40	0.07778	50-54 0.086261	56535	4877	270484	0.90081	1150123	20.34	0.01803
75-79 0.452430 80+ 1.000000		8171 9889		D.61468	112824 42950		0.11694 0.23025	55-59 0.113346 60-64 0.161371	51658 45803	5855 7391		0.86408	879639 635985		0.02403
	LEVEL=	10.504	+2330	2.00000	44730	4		65-69 0.223296	38412	8577		0.73542	425448		0.05027
	_							70-74 0.317743	29835	9480		0.63109	254831		0.07555
BOTH SEXES 188 AGE(x) q(x)	0 1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	75-79 0.443904 80+ 1.000000	20355 11319	9036 11319		0.63360	129358 50172		0.11411 0.22561
0 0.167271	100000	16727	88960	0.90776	4228470	42.28	0.18803		LEVEL=	12.501					
1 0.051252	83273	4268		0.96592			0.05285								
2 0.023930 3 0.015951	79005 7711 4	1891 1230	78003 76475	0.98041	4058755 3980752		0.02424 0.01608	WHITE POPULATION MALES 1900	N						
4 0.012156	75884	922		0.98011	3904277		0.01223	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
5-9 0.028206 10-14 0.021245	74962 72848	2114 1548	369524	0.97522 0.97489	3828872		0.00572 0.00429	0 0.135239 1 0.034960	100000 86 4 76	13524 3023		0.93131			0.14871 0.03570
15-19 0.029054	71300	2072		0.96610			0.00429	2 0.015867	83453	1324		0.98703			0.03570
20-24 0.038897	69228	2693	339410	0.95891	2747660	39.69	0.00793	3 0.010558	82129	867	81678	0.99080	4519795	55.03	0.01062
25-29 0.043379 30-34 0.049476	66536 63649	2886		0.95364			0.00887 0.01015	4 0.007931 5-9 0.019876	81262 80617	644 1602		0.98628			0.00796
35-39 0.056684		3149 3429		0.93877			0.01015	10-14 0.014428	79015	1140		0.98282			0.00291
40-44 0.066043	57071	3769	275931	0.92861	1478486	25.91	0.01366	15-19 0.021283	77875	1657	385230	0.97428	3565887	45.79	0.00430
45-49 0.077123 50-54 0.100509	53302 49191	4111 4944		0.91165 0.88589	1202555 946324		0.01604 0.02117	20-24 0.030256 25-29 0.033156	76217 73911	2306 2451		0.96832			0.00614 0.00674
55-59 0.129234		5718		0.84628	712729		0.02117	30-34 0.037929	71461	2710		0.95851			0.00773
60-64 0.181835	38529	7006	175128	0.78905	505791	13.13	0.04000	35-39 0.045184	68750	3106	335985	0.94954	2091377	30.42	0.00925
65-69 0.246528	31523	7771		0.71131	330663 192477		0.05624 0.08328	40-44 0.055983 45-49 0.069633	65644 61969	3675 4315		0.93739			0.01152 0.01443
70-74 በ ዓልልፉንሩ		8186	08263	0.60454				** 4> 0.003033							
70-74 0.344636 75-79 0.473016	23751	8186 7363		0.60454 0.58499	94184	6.05	0.12391	50-54 0.092657	57654	5342		0.89296	1137303	19.73	0.01943
	23751 15566 8203	7363 8203	59422				0.12391 0.23598	55-59 0.122894	52312	6429	245487	0.85389	1137303 862389	19.73 16.49	0.02619
75-79 0.473016	23751 15566	7363	59422	0.58499	94184			55-59 0.122894 60-64 0.172589	52312 45883	6429 7919	245487 209618	0.85389 0.79764	1137303 862389 616902	19.73 16.49 13.45	0.02619 0.03778
75-79 0.473016	23751 15566 8203	7363 8203	59422	0.58499	94184			55-59 0.122894 60-64 0.172509 65-69 0.238349 70-74 0.333078	52312 45883 37964 28915	6429 7919 9049 9631	245487 209618 167199 120499	0.85389 0.79764 0.72069 0.61552	1137303 862389 616902 407284 240085	19.73 16.49 13.45 10.73 8.30	0.02619 0.03778 0.05412 0.07993
75-79 0.473016	23751 15566 8203	7363 8203	59422	0.58499	94184			55-59 0.122894 60-64 0.172589 65-69 0.238349	52312 45883 37964	6429 7919 9049	245487 209618 167199 120499	0.85389 0.79764 0.72069	1137303 862389 616902 407284	19.73 16.49 13.45 10.73 8.30	0.02619 0.03778 0.05412

80+ 1.000000	10383	10383	45416	0.00000	45416	4.37	0.22863	25-29 0.030820	76596	2361	377076	0.96714	3117990	40.71	0.00626
	LEVEL=	13.276						30-34 0.034974	74235	2596	364684	0.96294	2740913		0.00712
FEMALES 1900								35-39 0.039218 40-44 0.043936	71639 68829	2810 3024	351169 336585	0.95847	2376229		0.00800
AGE(x) q(x)	1 (x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	45-49 0.051264	65805	3373	320592	0.94033	1688474	25.66	0.01052
0 0.109457 1 0.032243	100000 89054	10946 2871	92885 87360	0.94052	5171297 5078412	51.71 57.03	0.11784	50-54 0.068522 55-59 0.091655	62432 58154	4278 5330		0.92032 0.88772	1367882 1066419		0.01419
2 0.014931	86183	1287	85501	0.98787	4991052	57.03	0.03287	60-64 0.134978	52824	7130		0.83833	788976		0.01921
3 0.009796	84896	832	84464	0.99140	4905551	57.78	0.00985	65-69 0.192536	45694	8798		0.76599	542683	11.88	0.04261
4 0.007486 5-9 0.019290	84064 83435	629 1609	83737 413152	0.98678	4821087 4737350	57.35 56.78	0.00752	70-74 0.285367 75-79 0.409215	36896 26367	10529 10790	158157	0.66302 0.69798	336209 178052		0.06657 0.10290
10-14 0.014879	81826	1217		0.98207			0.00300	80+ 1.000000	15577	15577		0.00000	73191		0.21283
15-19 0.021035	80608	1696	398802				0.00425		LEVEL=	13.650					
20-24 0.027036 25-29 0.030644	78913 76779	2133 2353	389229 378014	0.97118		44.60 40.77	0.00548	BOTH SEXES 1900							
30-34 0.034776	74426	2588	365661			36.98	0.00708	AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
35-39 0.038930	71838	2797	352199		2386406	33.22	0.00794	0 0.120247	100000	12025	92064	0.93712	5008255	50.08	0.13061
40-44 0.043656 45-49 0.050999	69041 66027	301 4 3367	337672 321718	0.95275	2034208 1696536		0.00893	1 0.032755 2 0.015001	87975 85094	2882 1276	86275 84417	0.97846 0.98778	4916191 4829916		0.03340
50-54 0.068204	62660	4274		0.92066	1374817		0.01412	3 0.009908	83817	830		0.99134	4745499	56.62	0.00996
55-59 0.091288	58386	5330	278607		1072201	18.36	0.01913	4 0.007505	82987	623	82663	0.98681	4662114	56.18	0.00753
60-64 0.134485 65-69 0.191981	53056 45921	7135 8816		0.83884	793594 546151	14.96 11.89	0.02884	5-9 0.019210 10-14 0.014398	82364 80782	1582 1163		0.98317 0.98241	4579451		0.00388
70-74 0.284719	37105	10565	159114	0.66365	338585	9.13	0.06640	15-19 0.020832	79619	1659			3770586		0.00421
75-79 0.408539	26541	10843		0.69960	179471	6.76	0.10268	20-24 0.028137	77960	2194			3376640		0.00571
80+ 1,000000	15698 LEVEL=	15698 13.686	73875	0.00000	73875	4.71	0.21249	25-29 0.031302 30-34 0.035661	75766 73395	2372 2617		0.96655 0.96156	2992324 2619421		0.00636 0.00726
	20100	201000						35-39 0.041314	70777	2924	346577	0.95493	2258990		0.00844
BOTH SEXES 190								40-44 0.048993	67853	3324		0.94591			0.01004
AGE(x) q(x) 0 0.122170	1(x) 100000	D(x) 12217	L(x) 91937	P(x) 0.93593	T(x) 4974584	e(x) 49.75	m(x) 0.13288	45-49 0.059444 50-54 0.079378	64529 60693	3836 4818		0.93089	1581457 1268402		0.01225 0.01653
1 0.033529	87783	2943	86046	0.97794	4882648	55.62	0.03421	55-59 0.105834	55875	5914		0.87248	976980		0.02235
2 0.015368	84840	1304	84149	0.98748	4796601		0.01549	60-64 0.151780	49962	7583		0.82025	712387		0.03285
3 0.010155 4 0.007693	83536 82688	848 636	83095 82357	0.99112		56.41 55.99	0.01021	65-69 0.212722 70-74 0.305701	42379 33364	9015 10199		0.74632 0.64304	481535 292179		0.04761
5-9 0.019588	82051	1607		0.98285		55.42	0.00396	75-79 0.430782	23164	9979		0.66006	150858		0.10981
10-14 0.014672	80444	1180	399271	-		51.47	0.00296	80+ 1.000000	13186	13186	59983	0.00000	59983	4.55	0.21982
15-19 0.021138 20-24 0.028530	79264 77588	1675 2214	392131 382408			47.20	0.00427		LEVEL=	13.650					
25-29 0.031747	75375	2393		0.96608	2966951		0.00645	WHITE POPULATION							
30-34 0.036168	72982	2640	358311		2596059	35.57	0.00737	MALES 1900							
35-39 0.041913 40-44 0.049671	70342 67394	2948 3348	344341	0.95429	2237748 1893407	31.81 28.09	0.00856	AGE(x) q(x) 0 0.119878	1(x) 100000	D(x) 11988	L(x) 91968	P(x) 0.94043	T(x) 5034806	e(x) 50.35	m(x) 0.13035
45-49 0.060116	64047	3850	310607				0.01240	1 0.029327	88012	2581	86489	0.98084	4942837		0.02984
50-54 0.080151	60196	4825	288920		1254198	20.84	0.01670	2 0.013233	85431	1131	84832	0.98920	4856348	56.85	0.01333
55-59 0.106676 60-64 0.152847	55372 49465	5907 7561		0.87154 0.81915	965278 703188		0.02254	3 0.008782 4 0.006585	84301 83560	740 550		0.99236 0.98821	4771516 4687601	56.60 56.10	0.00882
65-69 0.213911	41904	8964		0.74509	474765	11.33	0.04791	5-9 0.017298	83010	1436	411460	0.98500	4604326	55.47	0.00349
70-74 0.307058	32940	10115	139416	0.64171	287654	8.73	0.07255	10-14 0.012657	81574	1032	405289	0.98422	4192866	51.40	0.00255
75-79 0.432221	22826	9866		0.65695	148238	6.49	0.11028	15-19 0.018946	80542	1526	398893	0.97712	3787577		0.00383
80+ 1.000000	22826 12960 LEVEL=	9866 12960 13.497		0.65695 0.00000	148238 58774						398893 389765			47.03 42.89 39.00	0.00383 0.00545 0.00595
	12960	12960					0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475	80542 79016 76890 74638	1526 2125 2253 2499	398893 389765 378821 366943	0.97712 0.97192 0.96865 0.96327	3787577 3388684 2998919 2620098	42.89 39.00 35.10	0.00545 0.00595 0.00681
	12960	12960					0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092	80542 79016 76890 74638 72139	1526 2125 2253 2499 2892	398893 389765 378821 366943 353466	0.97712 0.97192 0.96865 0.96327 0.95492	3787577 3388684 2998919 2620098 2253155	42.89 39.00 35.10 31.23	0.00545 0.00595 0.00681 0.00818
	12960	12960					0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475	80542 79016 76890 74638	1526 2125 2253 2499	398893 389765 378821 366943 353466 337532	0.97712 0.97192 0.96865 0.96327	3787577 3388684 2998919 2620098	42.89 39.00 35.10 31.23 27.43	0.00545 0.00595 0.00681
	12960	12960					0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026	80542 79016 76890 74638 72139 69247 65766 61574	1526 2125 2253 2499 2892 3482 4192 5297	398893 389765 378821 366943 353466 337532 318349 294627	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808	42.89 39.00 35.10 31.23 27.43 23.75 20.20	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798
80+ 1.000000	12960 LEVEL=	12960 13.497	58774	0.00000	58774		0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975	80542 79016 76890 74638 72139 69247 65766 61574 56277	1526 2125 2253 2499 2892 3482 4192 5297 6527	398893 389765 376821 366943 353466 337532 318349 294627 265068	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.86135	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798 0.02462
	12960 LEVEL= aines Esti	12960 13.497	5877 4 900 Publi	0.00000 c. Use Sam	58774		0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026	80542 79016 76890 74638 72139 69247 65766 61574	1526 2125 2253 2499 2892 3482 4192 5297	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798
80+ 1.000000	12960 LEVEL= aines Esti Children	12960 13.497 .mates, 1 Method, 1	58774 900 Publi Women Age	0.00000 c. Use Sam	58774		0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.292142 70-74 0.322915	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9527 10349	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.86135 0.80618 0.73004	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798 0.02462 0.03580 0.05176 0.07702
80+ 1.000000 (III) Preston/H Surviving Fitted We	12960 LEVEL= mines Esti Children mst Model i	12960 13.497 .mates, 1 Method, 1	58774 900 Publi Women Age	0.00000 c. Use Sam	58774		0.11028	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9527 10349 9777	398893 389765 378821 366943 353466 337532 318349 294627 294627 265068 228316 184064 134374 84059	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.86135 0.73004 0.62556	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733 137360	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798 0.02462 0.03580 0.05176 0.07702 0.11631
80+ 1.000000 (III) Preston/H Surviving	12960 LEVEL= mines Esti Children mst Model i	12960 13.497 .mates, 1 Method, 1	58774 900 Publi Women Age	0.00000 c. Use Sam	58774		0.11028 0.22051	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.292142 70-74 0.322915	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9527 10349	398893 389765 378821 366943 353466 337532 318349 294627 294627 265068 228316 184064 134374 84059	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.86135 0.80618 0.73004	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798 0.02462 0.03580 0.05176 0.07702
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x)	12960 LEVEL= sines Esti Children st Model I	12960 13.497 .mates, 1 Method, 1 .ife Table	58774 900 Publi Women Age	0.00000 .c Use Sam rd 14-34 P(x)	58774 uple	4.54 e(x)	0.11028 0.22051 m(x)	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.118975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9527 10349 9777 11923	398893 389765 378821 366943 353466 337532 318349 294627 294627 265068 228316 184064 134374 84059	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.86135 0.73004 0.62556	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733 137360	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798 0.02462 0.03580 0.05176 0.07702 0.11631
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729	12960 LEVEL= mines Esti Children st Model 1 N 1(x) 100000	12960 13.497 .mates, 1 Method, 1 .ife Table D(x) 12973	58774 900 Publi Women Age b L(x) 91308	0.00000 .c Use Sam d 14-34 P(x) 0.93461	58774 mple T(x) 4868784	4.54 e(x) 48.69	0.11028 0.22051 m(x) 0.14208	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.32915 75-79 0.450536 80+ 1.000000	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL=	1526 2125 2253 2499 2892 3482 4192 5297 6527 10349 9777 11923 14.360	39893 389765 378821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300	0.97712 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.86135 0.73056 0.6256 0.62408 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 277733 137360 53300	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.00681 0.00818 0.01031 0.01317 0.01798 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164	12960 13.497 .mates, 1 Method, 1 .ife Table D(x) 12973 2863 1254	900 Publi Women Age es L(x) 91308 85338 83499	0.00000 .c Use Sam dd 14-34 P(x) 0.93461 0.97846	58774 ple T(x) 4868784 4777476 4592138	e(x) 48.69 54.90 55.75	m(x) 0.14208 0.22051	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL;	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9527 10349 9777 11923 14.360	398893 389765 378821 365943 353466 337532 318349 294627 265068 228316 184059 53300 L(x) 93422	0.97712 0.97192 0.96865 0.96865 0.95327 0.95492 0.94317 0.85967 0.86135 0.80618 0.73004 0.62556 0.63408 0.00000	3787577 338684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.00681 0.00681 0.01031 0.01379 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910	12960 13.497 .mates, 1 Method, 1, ife Table D(x) 12973 2863 1254 821	58774 900 Publi Momen Age 83499 83399 83483	0.00000 c. Use Sam cd 14-34 P(x) 0.93461 0.97846 0.98783	58774 T(x) 4868784 4777476 46592138 4608638	e(x) 48.69 54.90 55.75	m(x) 0.14208 0.0355 0.01502 0.00996	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.32915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21790 11923 LEVEL=	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9777 10349 9777 11923 14.360	398893 388765 378821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357	0.97712 0.97192 0.95865 0.95865 0.95327 0.95492 0.94317 0.82548 0.80518 0.73004 0.605256 0.63408 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 21562157 1243808 949182 658414 455798 271733 137360 53300	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.00681 0.00681 0.01031 0.01317 0.01317 0.03580 0.03580 0.05176 0.07702 0.11631 0.22370
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164	12960 13.497 .mates, 1 Method, 1 .ife Table D(x) 12973 2863 1254	900 Publi Momen Age 85338 85338 83499 82483 81771	0.00000 .c Use Sam dd 14-34 P(x) 0.93461 0.97846	T(x) 4868784 4777476 4692138 4608638 4526156	e(x) 48.69 54.90 55.75 55.59	m(x) 0.14208 0.22051	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL;	1526 2125 2253 2499 2892 3482 4192 5297 6527 8174 9527 10349 9777 11923 14.360	39893 398765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 88684	0.97712 0.97192 0.96865 0.96865 0.95327 0.95492 0.94317 0.85967 0.86135 0.80618 0.73004 0.62556 0.63408 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733 137360 533700	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.00681 0.00681 0.01031 0.01379 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 821 610 1544 1102	900 Publi Women Age 8538 83499 82483 81771 403532 396917	0.00000 c. Use Samed 14-34 P(x) 0.93461 0.97846 0.98783 0.98137 0.98698 0.98361 0.982861	T(x) 4868784 4777476 46592138 4526156 4444384 4040852	e(x) 48.69 54.90 55.75 55.59 55.14 54.55	m(x) 0.14208 0.032051 m(x) 0.14208 0.03352 0.00996 0.00746 0.00383 0.00278	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392	1526 2125 2253 2499 2892 3482 5297 6527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566	398893 3897621 3768943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 85751	0.97712 0.97192 0.95865 0.95865 0.96327 0.95492 0.94317 0.86135 0.80618 0.73004 0.65256 0.63408 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 668414 455798 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.00681 0.00681 0.01031 0.01317 0.01377 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370 0.10832 0.02923 0.01352 0.00865
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447	12960 LEVEL= sines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 821 610 1544 1102 1612	900 Publi Momen Age 91308 85338 83499 82483 81771 403532 396917 390131	O.00000 C. Use Sam d 14-34 P(x) 0.93461 0.97846 0.9817 0.98698 0.98361 0.98290 0.98290 0.98261	58774 T(x) 4868784 4777476 4692138 4526156 4444384 4040852 3643936	e(x) 48.69 54.90 55.75 55.59 55.14 54.55	m(x) 0.14208 0.03355 0.00746 0.00383 0.00278	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.29142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629 5-9 0.007435	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826	1526 2125 2253 2499 2892 4192 5297 8174 9527 10349 9777 11923 14.360 D(x) 10120 2583 11157 748 566 1479	398893 3887651 376821 366943 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 85751 85098	0.97712 0.97192 0.96865 0.96865 0.96327 0.953492 0.94317 0.92548 0.86135 0.62556 0.63566 0.63566 0.63566 0.63566 0.63568 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 684114 455798 271733 137360 53300 T(x) 5337285 5243863 5243863 5243863 5243863 5243863 543864 6487977	e(x) 53.37 58.34 6.33 6.87	0.00545 0.00595 0.006818 0.006818 0.01031 0.01317 0.01317 0.05176 0.05176 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01335 0.00872 0.006872
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 821 610 1544 1102	900 Publi Women Age 85338 85338 83499 82483 81771 403532 396917 390131 380493	0.00000 c. Use Samed 14-34 P(x) 0.93461 0.97846 0.98783 0.98137 0.98698 0.98361 0.982861	T(x) 4868784 4777476 4592138 4508638 4526156 4526136 4040852 3643936 3253805	e(x) 48.69 54.90 55.75 55.59 54.22 42.14	m(x) 0.14208 0.032051 m(x) 0.14208 0.03352 0.00996 0.00746 0.00383 0.00278	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392	1526 2125 2253 2499 2892 3482 5297 6527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86694 85751 8598 420434	0.97712 0.97192 0.95865 0.95865 0.96327 0.95492 0.94317 0.86135 0.80618 0.73004 0.65256 0.63408 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 271733 137360 53300 T(x) 5337285 5243863 5155506 8822 4983070 4897972 4477538	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.00681 0.00681 0.01031 0.01317 0.01377 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370 0.10832 0.02923 0.01352 0.00865
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036730	12960 LEVEL= sines Esti Children at Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 8211 610 1544 1102 2243 2382 2637	900 Publi Momen Age 91308 85338 85338 81771 403532 396917 390131 380493 368929 355381	O.00000 C. Use Sam d 14-34 P(x) 0.93461 0.97846 0.9817 0.98698 0.98361 0.98290 0.97529 0.96561 0.965961 0.96502	T(x) 4868784 4777476 4692138 4526156 4444384 4040852 3643936 3253805 2873313	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 50.55 46.22 42.14 38.32	m(x) 0.14208 0.03355 0.01502 0.00946 0.003383 0.00278 0.000413 0.00590 0.00413 0.00590	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086028 55-59 0.115975 60-64 0.164299 65-69 0.29142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.0086649 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 15-19 0.019145	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82248 80650	1526 2125 2253 2499 2892 4192 5297 10349 9777 11933 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008	398893 389765 376821 366943 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88557 86564 8751 85098 420434 413929 407186 398231	0.97712 0.97192 0.96865 0.96865 0.96327 0.953492 0.94317 0.92548 0.86135 0.86135 0.62556 0.63566 0.62556 0.63568 0.00000 0.94578 0.98578 0.98923 0.98812 0.98812 0.9883 0.98371 0.98371	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 684114 455798 271733 137360 5337285 524386 5524386 5068822 4983070 4897972 4477538 4063602 3656423	e(x) 53.37 58.34 59.06 58.34 59.06 58.34 59.06 58.34 59.06 58.34 59.06 58.34 59.06 58.34 59.06	0.00545 0.00595 0.006818 0.006818 0.010311 0.01317 0.01317 0.05176 0.05176 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01335 0.00672 0.00582 0.00352 0.00352 0.00352
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359	12960 LEVEL= ainea Esti Children st Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74595 69957	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 821 610 1544 1102 1612 2243 2382 2637 3033	900 Publi Women Age 91308 85338 83499 82483 81771 403532 396917 390131 386493 368929 356381	0.00000 c. Use Sam d 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.98290 0.97529 0.96599 0.96022 0.9512	T(x) 4868784 4777476 4692138 4526156 4526156 253805 2538313 2504884 2214804	e(x) 48.69 54.90 55.75 55.59 55.14 46.22 42.14 38.32 34.50 30.70	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.000383 0.00278 0.00464 0.00403	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FENALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 20-29 0.028319	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642	1526 2125 2253 2499 2892 3482 4192 5297 8174 9527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008	39893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86694 485751 8598 420434 413929 407186 398231 387643	0.97712 0.97192 0.96865 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.6256 0.6256 0.6256 0.6256 0.6256 0.6256 0.6256 0.94578 0.98457 0.98924 0.9923 0.98457 0.9893 0.98457 0.9893	3787577 338684 2998919 2620098 2253155 1899689 1562157 1243808 949192 271733 137360 53300 T(x) 5337285 5243863 5155506 8822 4983070 4897972 4877972 4879772 48792 487972 487972 487972 487972 487972 487972	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 e(x) 53.37 58.34 59.06 58.84 58.35 57.74 43.37 49.42 45.34	0.00545 0.00595 0.00681 0.00681 0.010317 0.01798 0.02562 0.03580 0.05176 0.0770 0.11681 0.22370 0.10832 0.02923 0.01832 0.00872 0.00665 0.0071 0.0071
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036730	12960 LEVEL= sines Esti Children at Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 8211 610 1544 1102 2243 2382 2637	900 Publi Women Age 10 91308 85338 83499 82483 81771 403532 396917 390131 380493 36493 365381 342204 32254	O.00000 C. Use Sam d 14-34 P(x) 0.93461 0.97846 0.9817 0.98698 0.98361 0.98290 0.97529 0.96561 0.965961 0.96502	T(x) 4868784 4777476 4659218 4526156 4444384 4040852 3643936 32539313 2504384 2148003	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 46.22 42.13 34.50 30.70	m(x) 0.14208 0.03355 0.01502 0.00946 0.003383 0.00278 0.000413 0.00590 0.00413 0.00590	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086028 55-59 0.115975 60-64 0.164299 65-69 0.29142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.0086649 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 15-19 0.019145	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82248 80650	1526 2125 2253 2499 2892 4192 5297 10349 9777 11933 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008	398893 3897621 3768943 353466 3375322 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 85751 85098 420434 411929 407186 398231 387643 375957	0.97712 0.97192 0.96865 0.96865 0.96327 0.953492 0.94317 0.92548 0.86135 0.86135 0.62556 0.63566 0.62556 0.63568 0.00000 0.94578 0.98578 0.98923 0.98812 0.98812 0.9883 0.98371 0.98371	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 668414 455798 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4897972 4477538 4063609 3656423 3258192 2870549	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47	0.00545 0.00595 0.006818 0.006818 0.010311 0.01317 0.01317 0.05176 0.05176 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01335 0.00672 0.00582 0.00352 0.00352 0.00352
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043339 40-44 0.053946 45-49 0.067540 50-54 0.090312	12960 LEVEL= aines Esti Children st Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 66924 63314 53903	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 2382 2637 3033 3610 4276 5332	900 Publi Women Age 91308 85338 83499 82483 81771 403532 396917 390131 386493 368929 356381 342204 325595 305879 281859	0.00000 c. Use Sam d 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.98290 0.97529 0.96022 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160	T(x) 4868784 477747 4692138 4508538 4526156 2533313 2534802 1805799 1480204 1174325	e(x) 48.69 54.90 55.75 55.59 55.14 38.32 34.50 30.70 26.98 23.38	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.000383 0.00278 0.004109 0.00686 0.01109 0.01398	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.036071 35-39 0.036071 35-39 0.036071 40-44 0.040864	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968	1526 2125 2253 2499 2892 3482 4192 5297 8174 9527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2682 2914	398893 389765 376821 366943 353466 337532 318349 294627 265968 228316 184064 134374 84059 53300 L(x) 93422 88357 86694 485751 8598 420434 413929 407186 398231 387643 375957 363169	0.97712 0.97192 0.95865 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.6256 0.6256 0.6256 0.6256 0.6256 0.6256 0.6256 0.94578 0.9847 0.9823 0.9843 0.9823 0.9843 0.9845 0.9933 0.9855 0.95598 0.96598	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300 T(x) 5337285 5243863 5155506 8477578 4477538 4063609 3656423 4983070 4897972 4477538 4063609 3656423 3258192 2870549 2494592 2131423	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 e(x) 53.37 58.34 59.06 58.84 58.35 57.74 43.37 249.42 45.34 41.43 37.57 33.73 29.89	0.00545 0.00595 0.00681 0.00681 0.010317 0.01798 0.02562 0.03580 0.05176 0.0770 0.11681 0.22370 0.10832 0.02923 0.01352 0.00655 0.00657 0.00657 0.00651 0.00575 0.00651
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74277 72595 69957 66924 63314 59038 53706	12960 13.497 .mates, 1 Nethod, 1 12973 2863 1254 821 610 1544 1102 1612 2243 2382 2637 3033 3610 4276 5332 6469	900 Publi Women Age 91308 85338 81499 82483 81771 403532 396917 390131 380493 364939 356381 342204 4325595 305879 281859 252356	0.00000 c. Use Sam ed 14-34 P(x) 0.93461 0.97846 0.99137 0.98698 0.97529 0.96591 0.96591 0.96622 0.95146 0.9345 0.92147 0.89531 0.85651	T(x) 4868784 4777436 4692136 4526156 444384 4040852 3643936 3253031 2504384 2148003 1805799 1480204 117432 892467	e(x) 48.69 54.90 55.79 55.14 54.55 46.22 42.13 34.50 30.70 26.98 23.38 19.89 16.62	m(x) 0.1428 0.22051 m(x) 0.14208 0.03150 0.001502 0.00996 0.00740 0.00390 0.00590 0.00646 0.00740 0.00806 0.00740 0.00806 0.00740 0.01109 0.01398 0.012564	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.024896 25-29 0.024819 30-34 0.030227 35-39 0.036071 40-44 0.040864 45-49 0.040864	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71396 713968 71396 713968	1526 2125 2499 2892 3482 4192 5297 6527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2684 2914 3305	398893 389765 376821 366943 353466 337532 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 85751 85098 420434 41929 407186 398231 397643 375957 361169 349214	0.97712 0.97712 0.97192 0.96865 0.96855 0.96327 0.92548 0.89967 0.86135 0.360618 0.73004 0.62556 0.63408 0.00000 0.94578 0.94578 0.98107 0.99238 0.9812 0.98453 0.98736 0.97341 0.95985 0.96598 0.96598	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4897972 4477538 4063609 3656423 3258192 2870549 2494592 2131423	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 e(x) 53.37 58.34 59.06 58.84 58.35 57.74 53.72 45.34 41.43 37.57 33.73 29.89 26.06	0.00545 0.00595 0.006818 0.006818 0.01031 0.01317 0.01379 0.02450 0.03580 0.05176 0.07702 0.11631 0.22370 0.11631 0.22370 0.00655 0.00655 0.00515 0.00515 0.00551 0.00551 0.00551 0.00651 0.00651 0.00691
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043339 40-44 0.053946 45-49 0.067540 50-54 0.090312	12960 LEVEL= aines Esti Children st Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 66924 63314 53903	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 2382 2637 3033 3610 4276 5332	900 Publi Momen Age 91308 85338 85338 81771 403532 396917 390131 380493 356381 342204 325595 25256 252	0.00000 c. Use Sam d 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.98290 0.97529 0.96022 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160 0.95160	T(x) 4868784 477747 4692138 4508538 4526156 2533313 2534802 1805799 1480204 1174325	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 50.55 46.22 42.14 38.32 34.50 30.70 26.98 23.38 19.89 16.65	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.000383 0.00278 0.004109 0.00686 0.01109 0.01398	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.036071 35-39 0.036071 35-39 0.036071 40-44 0.040864	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968	1526 2125 2253 2499 2892 3482 4192 5297 8174 9527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2682 2914	398893 389765 376821 366943 337532 318349 294627 265968 228316 184064 134374 84059 53300 L(x) 93422 88357 85098 42043 413929 407186 398231 387643 375957 363169 349214 333668 333688	0.97712 0.97192 0.96865 0.96865 0.96327 0.953492 0.94317 0.92548 0.86135 0.6018 0.62556 0.63408 0.00000 0.94578 0.98478 0.989238 0.98812 0.98453 0.97341 0.97341 0.97341 0.97341 0.97341 0.97341 0.97341 0.97341 0.97341 0.97341	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 684114 455798 271733 137360 5337285 524386 5524386 5524386 5068822 4983070 4879772 4477538 4063609 3656423 258192 2870549 2870549 2870549 2870549 2870549 2870549	e(x) 53.72 6(x) 53.73 6(x) 6(x) 53.37 58.34 59.06 58.84 58.35 57.74 53.72 49.42 45.34 41.43 37.57 33.73 29.89 26.06 22.26	0.00545 0.00595 0.00681 0.00681 0.010317 0.01798 0.02562 0.03580 0.05176 0.0770 0.11681 0.22370 0.10832 0.02923 0.01352 0.00655 0.00657 0.00657 0.00651 0.00575 0.00651
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 61-64 0.159674 65-69 0.235119 70-74 0.329518	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 77220 76295 69957 66924 63314 59038 53706 47237 39222 30000	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 232 2637 3033 3610 4276 5332 6469 8015 9229 9886	900 Publi Women Age L(x) 91308 85338 81771 403532 396917 390131 380493 364939 356381 342204 325595 305879 281859 252356 216146 1730546	P(x) 0.93461 0.93461 0.97846 0.98781 0.98591 0.96599 0.96591 0.95596 0.95146 0.9345 0.92147 0.8253 0.85651 0.80064 0.72390 0.61903	T(x) 4868784 4777476 4692138 4526156 444384 2148003 2873313 2504384 2148003 1805799 1480204 117432 5892467 640111 423965 2559910	e(x) 48.69 54.90 55.75 55.59 55.14 54.52 42.14 2.14 2.13 26.98 23.38 19.89 16.62 13.55 10.81	m(x) 0.14028 0.22051 m(x) 0.14028 0.03355 0.001502 0.00996 0.00743 0.00278 0.00443 0.00590 0.00590 0.00646 0.00780 0.01109 0.01392 0.02564 0.01392 0.02564 0.033708 0.053708 0.053708	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.15975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FENALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.024896 25-29 0.024895 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.04830 50-54 0.0655098 55-59 0.087579 60-64 0.129492	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 555521	1526 2125 2499 2892 3482 4192 5297 6527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 2002 2227 2447 2666 2914 3305 4231 5329 7190	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 88751 85098 420434 413929 407186 3396231 3375957 363169 333668 314828 29028	0.97712 0.97192 0.97192 0.96865 0.96865 0.96327 0.953492 0.94317 0.86138 0.73004 0.62556 0.63408 0.00000 P(x) 0.94578 0.98107 0.98924 0.99238 0.98812 0.98453 0.98717 0.97801 0.98450 0.984840	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4897972 4477538 4063609 3656423 3258192 2870549 2494592 2131423 1782209 1486541 133713 3842785	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 •(x) 53.37 58.34 59.06 58.84 58.35 57.74 53.72 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18	0.00545 0.00595 0.006818 0.006818 0.01031 0.01317 0.01379 0.02450 0.03580 0.05176 0.07702 0.11631 0.22370 0.11631 0.22370 0.00655 0.00655 0.00515 0.00651 0.00504 0.00551 0.00651 0.00691 0.00691 0.00691 0.00691 0.00691 0.00691 0.00691 0.00695
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 0 0.129729 1 0.032900 2 0.014900 3 0.099905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.059946 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.169674 65-69 0.235119 70-74 0.329518 70-74 0.329518	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 66924 63314 59038 53706 47237 39222 30000 20114	12960 13.497 .mates, 1 Method, 1 .ife Table 12973 2863 1254 821 610 1544 1102 243 2243 233 3610 4276 5332 6469 8015 9222 9886 9207	900 Publi Momen Age 91308 85338 85499 82483 81771 403532 396917 390131 380493 356381 342204 325595 305879 281859 252356 216146 173054 125286	P(x) 0.93461 0.97846 0.98783 0.99137 0.98598 0.98361 0.97529 0.96596 0.96022 0.95146 0.93945 0.92147 0.89533 0.85651 0.85651 0.85651 0.75297 0.61939	T(x) 4868784 4777476 4592138 4592138 4526156 4444384 4040852 3643936 3253803 2258803 2248003 1174325 892467 640111 423965 250910 125524	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 50.55 46.22 42.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.009746 0.00383 0.00520 0.00646 0.001099 0.010198 0.011992 0.02504 0.02505	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017415 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.088759 60-64 0.129492 65-69 0.087579	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331	1526 2125 2253 2499 2892 4192 5297 10349 9777 11933 14.360 0(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2668 2914 3305 4231 5329 7190 9007	398893 388765 376821 366943 337532 318349 294627 265968 228316 184064 134374 84059 53300 L(x) 93422 88357 85098 42043 413929 407186 398231 387643 375957 363169 349214 333668 314828 29928 259631	0.97712 0.97192 0.96865 0.96865 0.96357 0.953492 0.94317 0.92548 0.86138 0.73004 0.62556 0.63408 0.00000 0.00000 0.98424 0.99238 0.98107 0.98924 0.99238 0.9817 0.97341	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 684114 455798 271733 137360 5337285 5243863 534285 524983070 4897972 4477538 4063609 3656423 3258192 2870549 2870549 2131423 1782209 1782209 1448541 1133713 842785 583154	e(x) 53.72 49.47 6(x) 53.37 58.34 59.06 58.84 58.35 57.74 53.72 49.42 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18	0.00545 0.00595 0.006818 0.010818 0.010817 0.01317 0.01798 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370 0.10832 0.02923 0.01335 0.00872 0.00655 0.00352 0.00655 0.00352 0.00655 0.00352 0.00655 0.00814 0.00504
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 61-64 0.159674 65-69 0.235119 70-74 0.329518	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 66924 63314 59038 53706 47237 39222 30000 20114	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 232 2637 3033 3610 4276 5332 6469 8015 9229 9886	900 Publi Momen Age 91308 85338 85499 82483 81771 403532 396917 390131 380493 356381 342204 325595 305879 281859 252356 216146 173054 125286	P(x) 0.93461 0.93461 0.97846 0.98781 0.98591 0.96599 0.96591 0.95596 0.95146 0.9345 0.92147 0.8253 0.85651 0.80064 0.72390 0.61903	T(x) 4868784 4777476 4692138 4526156 444384 2148003 2873313 2504384 2148003 1805799 1480204 117432 5892467 640111 423965 2559910	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 50.55 46.22 42.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55	m(x) 0.14028 0.22051 m(x) 0.14028 0.03355 0.001502 0.00996 0.00743 0.00278 0.00443 0.00590 0.00590 0.00646 0.00780 0.01109 0.01392 0.02564 0.01392 0.02564 0.033708 0.053708 0.053708	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.03258 3 0.006684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.026319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.065008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401653	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 555521	1526 2125 2499 2892 3482 4192 5297 6527 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 2002 2227 2447 2666 2914 3305 4231 5329 7190	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 85098 420434 413929 407186 3387643 3375957 363169 3492214 333668 314828 290928 259631 219140	0.97712 0.97192 0.97192 0.96865 0.96865 0.96327 0.953492 0.94317 0.86138 0.73004 0.62556 0.63408 0.00000 P(x) 0.94578 0.98107 0.98924 0.99238 0.98812 0.98453 0.98717 0.97801 0.98450 0.984840	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4897972 4477538 4063609 3656423 3258192 2870549 2494592 2131423 1782209 1486541 133713 3842785	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 •(x) 53.37 58.34 59.06 58.84 58.35 57.74 43.37 24.45 33.73 29.89 26.06 22.26 18.63 15.18 12.07	0.00545 0.00595 0.006818 0.006818 0.01031 0.01317 0.01379 0.02450 0.03580 0.05176 0.07702 0.11631 0.22370 0.11631 0.22370 0.00655 0.00655 0.00515 0.00651 0.00504 0.00551 0.00651 0.00691 0.00691 0.00691 0.00691 0.00691 0.00691 0.00691 0.00695
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007435 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.159674 65-69 0.2315119 70-74 0.329518 75-79 0.457707 80+ 1.000000	12960 LEVEL= aines Esti Children st Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 66954 63914 63914 63918 53706 47237 39922 30000 20114 10908	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 333 3610 4276 9015 9222 9886 9207 10908	900 Publi Momen Age 91308 85338 85499 82483 81771 403532 396917 390131 380493 356381 342204 325595 305879 281859 252356 216146 173054 125286	P(x) 0.93461 0.97846 0.98783 0.99137 0.98598 0.98361 0.97529 0.96596 0.96022 0.95146 0.93945 0.92147 0.89533 0.85651 0.85651 0.85651 0.75297 0.61939	T(x) 4868784 4777476 4592138 4592138 4526156 4444384 4040852 3643936 3253803 2258803 2248003 1174325 892467 640111 423965 250910 125524	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 50.55 46.22 42.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.009746 0.00383 0.00520 0.00646 0.001099 0.010198 0.011992 0.02504 0.02505	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.15975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.03027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.0685008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331 39324 28387	1526 2125 2253 2499 2892 4192 5297 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2668 2914 3305 4231 5329 7190 7190 7190 7190 7190 7190 7190 719	398893 389765 376821 366943 353466 337532 318849 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 88751 85098 420434 413929 407186 398231 387643 3376957 361169 349214 333668 314828 290928 314828 290928 113432	0.97712 0.97719 0.97192 0.96865 0.96855 0.94317 0.92548 0.89967 0.86135 0.6018 0.73004 0.62556 0.6356 0.6356 0.6356 0.98453 0.98453 0.98453 0.98453 0.9853 0.9853 0.9853 0.9853 0.9853 0.95598 0.95598 0.95598 0.95598 0.95598 0.95598 0.95598 0.95598 0.95598	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4487573 4477538 4063609 3656423 3258192 2870549 2494592 2131423 1782209 14485411 842785 5831543	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 •(x) 53.37 58.34 59.06 58.84 58.35 57.74 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18 12.07 9.26 6.86	0.00545 0.00595 0.006818 0.006818 0.010317 0.01798 0.02450 0.03516 0.03750 0.116631 0.22370 m(x) 0.10832 0.02233 0.01352 0.00655 0.00657 0.00651 0.00707 0.006814 0.00991 0.01842 0.02269 0.01842 0.02769 0.01842 0.02769 0.04110
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) Q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.059346 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.169674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.0000000	12960 LEVEL= aines Esti Children at Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78322 77220 74977 72595 69957 66924 63314 53316 53706 47237 39222 30000 20114 10598 LEVEL=	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 243 2382 2637 3033 3610 4276 8015 9222 9886 9207 10908 13.650	900 Publi Women Age 91308 83389 82483 81771 403532 396917 390131 380493 368929 356381 342204 425595 305879 281859 252356 216146 77556 48068	P(x) 0.93461 0.98463 0.98137 0.98698 0.987529 0.96599 0.96520 0.95546 0.99345 0.99147 0.89533 0.85651 0.80000	T(x) 4868784 477746 4692138 4608638 4526156 2673313 2504384 4040852 3643965 2873313 2504384 174325 892467 640111 423965 250910 125624 48068	e(x) 48.69 54.90 55.75 55.59 55.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.58 18.36 6.25 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.00383 0.002743 0.00590 0.00646 0.01109 0.00640 0.01398 0.11892 0.23564 0.035329 0.07890 0.11891 0.22692	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.118975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FENALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.086684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.048330 50-54 0.065008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000	80542 79016 76890 74638 72139 69247 65766 61574 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 844826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 65081 60850 655521 48331 39324 428387	1526 2125 2499 2892 3482 4192 5297 6527 10349 9777 11923 14.360 D(x) 10120 2583 1157 4200 2227 2447 2668 2914 3305 4231 5329 9007 10937 10937 10937 10937	398893 389765 376821 366943 353466 337532 318849 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86684 88751 85098 420434 413929 407186 398231 387643 3376957 361169 349214 333668 314828 290928 314828 290928 113432	0.97712 0.97192 0.97192 0.96855 0.96855 0.94317 0.92548 0.89657 0.62556 0.63408 0.00000 0.94578 0.98107 0.98924 0.98238 0.98101 0.97301 0.97341 0.95985 0.95548 0.95548 0.94554 0.92409 0.94240 0.92409 0.93240 0.9324	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243089 949182 684114 455798 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4897972 4477538 4087972 4477538 4085411 133713 5842785 583154 364014 134731	42.89 39.00 35.10 31.23 27.43 23.75 20.20 16.87 13.75 10.96 8.48 6.33 4.47 •(x) 53.37 58.34 59.06 58.84 58.35 57.74 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18 12.07 9.26 6.86	0.00545 0.00595 0.006818 0.00818 0.010317 0.01798 0.02450 0.03580 0.05176 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01357 0.00655 0.00357 0.00651 0.00735 0.00834 0.00834 0.00834 0.0083991 0.01344 0.01832 0.00991 0.01344 0.01832
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007435 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.159674 65-69 0.2315119 70-74 0.329518 75-79 0.457707 80+ 1.000000	12960 LEVEL= aines Esti Children st Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 66954 63914 63914 63918 53706 47237 39922 30000 20114 10908	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 333 3610 4276 9015 9222 9886 9207 10908	900 Publi Momen Age 91308 85338 85499 82483 81771 403532 396917 390131 380493 356381 342204 325595 305879 281859 252356 216146 173054 125286	P(x) 0.93461 0.93461 0.93461 0.98783 0.98137 0.98698 0.98290 0.97529 0.96599 0.96599 0.96591 0.95146 0.93945 0.92147 0.89533 0.85651 0.80064 0.72399 0.61979 0.00000	T(x) 4868784 4777476 4692138 4526156 444384 2148003 2873313 2504384 2148003 1805799 1480204 117432 592467 640111 423966 T(x)	e(x) 48.69 54.90 55.75 55.59 55.14 54.52 42.14 38.32 34.50 30.70 26.98 19.89 16.62 13.55 10.81 8.36 6.25 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.009746 0.00383 0.00278 0.00413 0.00590 0.00640 0.01199 0.011992 0.02504 0.011992 0.075129 0.075129 0.075129 0.075129 0.075129 0.075129 0.075129 0.075129 0.075129 0.075129	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.08684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.055008 55-59 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000 BOTH SEXES 1900 AGE(x) q(x)	80542 79016 76890 74638 72139 65276 651574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 83981 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331 39324 28387 16985 LEVEL=	1526 2125 2253 2499 2892 4192 5297 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2668 2914 3305 4231 5329 7190 7190 7190 7190 7190 7190 7190 719	398893 3897621 366943 353466 337532 318349 294627 265968 228316 184064 134374 84059 53300 L(x) 93422 88357 85098 420434 413929 407186 9349214 333668 314828 299928 259631 219140 169279 113432 81303	0.97712 0.97192 0.97192 0.96865 0.96855 0.96327 0.953492 0.86135 0.86135 0.86256 0.62556 0.63408 0.00000 0.98424 0.98238 0.98812 0.98453 0.98371 0.97341 0.97341 0.95898 0.95586 0.95158 0.95158 0.95158 0.95158 0.95169 0.94354 0.92409 0.892409 0.892409 0.892409 0.892409 0.77247 0.67009 0.771675 0.00000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 684114 455798 271733 137360 5337285 5243863 553300 T(x) 5337285 5243863 55155506 5068822 4983070 4879732 4477538 4063609 1656423 1258192 22870549 2870549 2870549 1782209 1448541 1133713 842785 583154 364014 194735 81303	e(x) 53.37 58.34 59.06 53.37 58.34 59.06 6.33 4.47 e(x) 53.37 58.34 59.06 6.33 4.47	0.00545 0.00595 0.00595 0.00681 0.00681 0.01317 0.01799 0.02462 0.03580 0.05176 0.07702 0.11631 0.22370 0.10832 0.02923 0.00872 0.00872 0.00651 0.00352 0.00575 0.00651 0.00575 0.00644 0.00575 0.00644 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00393 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00393 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00393 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00393 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00393 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00392 0.00393 0.00392 0.0039
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.03630 35-39 0.043389 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.169674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.0000000 FEMALES 1900 AGE(x) q(x) 0 0.110291 1 0.032605	12960 LEVEL= aines Esti Children the Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 66924 63314 59038 53706 47237 66924 63141 10908 LEVEL=	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 3382 2637 3033 3610 4276 9015 5332 6469 8015 9222 9886 9207 10908 13.650	900 Publi Momen Age L(x) 91308 85338 83499 82483 81771 403532 396917 390131 386493 356892 356381 342204 325595 305879 262356 216146 173054 125286 77556 48068	0.00000 c. Use Sam d. 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.98751 0.96599 0.96022 0.95146 0.99394 0.95020	T(x) 4868784 477747 4692138 4608638 4526156 4692138 253805 2873313 2504384 2140204 1140205 1174325 892467 64011 125624 48068 T(x) 5155382 5062551	e(x) 48.69 54.90 55.75 55.59 55.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.000886 0.01092 0.005309 0.01399 0.01399 0.01399 0.01399 0.01399 0.01399 0.0740 0.01399 0.07890 0.11891 0.22692	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.32919 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 59 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.036027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.065008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000 BOTH SEEKES 1900 AGE(x) q(x) 0 0.110764	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 139324 28387 16985 55521 48331 39324 28387 16985 LEVEL= 1(x) 100000	1526 2125 2253 2499 2892 3482 4192 5297 8174 9527 10349 9777 11923 14.360 0 (x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2688 2914 3305 4291 5329 7190 9007 10937 11402 16985	398893 389765 376821 366943 353466 337532 318349 294627 265968 228316 184064 134374 84059 53300 L(x) 93422 88357 85098 420434 43329 407186 3396231 337643 337957 361169 349214 333688 329928 259631 219140 165279 113432 81303	0.97712 0.97192 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89967 0.60618 0.73004 0.62556 0.63408 0.00000 P(x) 0.94578 0.98107 0.99238 0.98453 0.998537 0.97941 0.97941 0.97941 0.97948 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.94598	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4487573 4477538 4063609 3656423 3258192 2870549 24945992 2131423 1782209 1448541 1435741 194735 81303	•(x) 53.37 58.34 59.06 58.34 59.06 58.35 57.74 53.37 58.34 59.06 58.34 59.06 58.34 59.06 58.35 57.74 53.72 49.42 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18 12.07 9.26 6.86 4.79	0.00545 0.00595 0.006818 0.00818 0.010317 0.01798 0.02450 0.03580 0.05176 0.07516 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01352 0.00655 0.00657 0.00651 0.00707 0.00834 0.0091 0.0184 0.0091 0.0184 0.0091 0.0184 0.0091 0.0185 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00854 0.00855
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043389 40-44 0.053946 45-49 0.067540 50-54 0.909312 55-59 0.120457 60-64 0.159674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.110291 1 0.032605 2 0.015104	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 69957 766924 63314 59038 53706 47237 39222 20144 10908 LEVEL= 1(x) 100000 88971 86070	12960 13.497 .mates, 1 Nethod, 1 .ife Table D(x) 12973 2863 1254 821 6100 1544 1102 1612 2243 33610 4276 5332 6469 8015 9286 9207 10908 13.650 D(x) 11029 2901 1300	900 Publi Women Age L(x) 91308 85338 81771 403532 396917 390131 380493 356381 342204 325595 305879 281859 252356 216146 173054 1725286 77556 48068 L(x) 92831 67259	0.00000 c.c Use Samed 14-34 P(x) 0.93461 0.98783 0.98137 0.98698 0.97529 0.95546 0.98290 0.97529 0.95022 0.95146 0.9313 0.85651 0.80064 0.72197 0.00000 P(x) 0.93987	T(x) 4868784 4777476 4692138 4526156 4444384 4040852 3643936 3253805 2873313 2504384 2148003 1805799 1480204 1174325 892467 640111 423966 T(x) 5155382 5062551 5052551	e(x) 48.69 54.90 55.75 55.59 55.14 54.52 42.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55 10.81 6.25 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00996 0.00746 0.00383 0.00590 0.00278 0.001398 0.01398 0.01398 0.01398 0.01398 0.11871 0.22692 m(x) 0.11881 0.03324 0.03324	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.03258 3 0.006684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.065008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401651 80+ 1.000000 BOTH SEXES 1900 AGE(x) q(x) 0 0.110764 1 0.029035	80542 79016 76890 74638 72139 69247 65766 61574 765766 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331 39324 28387 16985 LEVEL= 1(x) 100000	1526 2125 2253 2499 2892 3482 4192 5297 8174 9777 11923 14.360 D(x) 10120 2583 1157 748 556 1479 1123 1574 2008 2227 2447 2668 2914 3305 4231 5329 7190 9007 10937 11402 16985 14.360	398893 389765 376821 366943 353466 337532 3188349 294627 265068 228816 184064 134374 84059 53300 L(x) 93422 88357 363169 349214 333668 314828 29998 219140 165279 113432 81303	0.97712 0.97192 0.97192 0.96855 0.96855 0.96327 0.95492 0.94317 0.92548 0.86135 0.62556 0.63566 0.63566 0.63566 0.63566 0.94578 0.98107 0.98924 0.98238 0.98112 0.97841 0.97801 0.97341 0.97801 0.97341 0.97801 0.97341 0.97801 0.97341	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 684114 455798 271733 137360 53300 T(x) 5337285 5243963 5155506 5068822 4983070 4897972 4477538 4063609 3656423 3258192 22870549 2494592 2131423 1782209 1448541 1133713 842785 583154 364014 194735 81303	e(x) 53.37 58.34 59.06 58.34 59.06 58.35 57.74 53.37 58.34 59.06 58.35 57.74 58.35 57.74 58.36 58.36 58.36 58.36 58.36 58.37 58.37 58.38 59.06 59.06 5	0.00545 0.00595 0.006818 0.00818 0.010317 0.01798 0.02450 0.03580 0.05176 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01357 0.00651 0.00735 0.00651 0.00735 0.00834 0.01361 0.00832 0.00832 0.013630 0.00832
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043389 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.169674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.0000000 FEMALES 1900 AGE(x) q(x) 0 0.110291 1 0.032605 2 0.015104 3 0.009911 4 0.007576	12960 LEVEL= aines Esti Children the Model 1 N 1(x) 100000 87027 84164 82910 82089 81478 79935 78832 77220 74977 72595 66924 63314 59038 53706 47237 66924 63141 10908 LEVEL=	12960 13.497 .mates, 1 Method, 1 12973 2863 1254 821 610 1544 1102 1612 2243 3382 2637 3033 3610 4276 9015 5332 6469 8015 9222 9886 9207 10908 13.650	900 Publi Momen Age L(x) 91308 85338 834399 82483 81771 403532 396917 390131 386493 356892 356381 342204 325595 305879 262356 216146 173054 125286 77556 48068	0.00000 c. Use Sam d. 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.9821 0.96599 0.96022 0.95146 0.99394 0.95020 0.95147 0.89533 0.85651 0.89533 0.85651 0.89030 0.61979 0.00000	T(x) 4868784 477747 4692138 4608638 4526156 4692138 253805 2873313 2504384 21480204 11480204 114925 892467 640111 421965 250910 125624 48068 T(x) 5155382 5062551 4975291 4889917	e(x) 48.69 54.90 55.75 55.59 55.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.00383 0.002743 0.00590 0.00646 0.011099 0.013992 0.02564 0.03303 0.01399 0.013992 0.07890 0.11891 0.22692	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.0585008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000 BOTH SEXES 1900 AGE(x) q(x) 0 0.110764 1 0.029035 2 0.013245 3 0.008733	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331 39324 28387 16985 LEVEL= 1(x) 100000 889824 86342 86342 285198	1526 2125 2253 2499 2892 3482 4192 5297 8174 9527 10349 9777 11923 14.360 0 (x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2688 2914 3305 4231 5329 7190 9007 10937 11402 16985 14.360	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86584 465751 85098 420434 413929 407186 339231 387643 375957 363169 349214 333668 314828 259631 219140 165279 113432 81303	0.97712 0.97192 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89957 0.80618 0.73004 0.62556 0.63560 0.63408 0.00000 P(x) 0.98578 0.98107 0.97341 0.97341 0.97985 0.98598 0.96158 0.96158 0.96158 0.95548 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.97467 0.97698 0.96158	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 533000 T(x) 5337285 5243863 5155506 5068822 4983070 4487573 4477538 4063609 3656423 3258192 2870549 2494592 2494592 2494592 2494594 3782209 1448541 194735 81303 T(x) 5181968 5088278 5001878	•(x) 53.37 58.34 59.06 58.35 57.74 53.37 58.34 59.06 58.35 57.74 53.72 49.42 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18 12.07 9.26 6.86 4.79	0.00545 0.00595 0.00681 0.00681 0.01317 0.01798 0.0245 0.03580 0.05176 0.07516 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01357 0.00651 0.00757 0.00651 0.00757 0.00681 0.00814 0.0091 0.01314 0.0091 0.01410 0.06461 0.10952 0.20892 m(x) 0.11950 0.20892
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043399 40-44 0.053946 45-49 0.067540 50-54 0.990312 55-59 0.120457 60-64 0.159674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.110291 1 0.032605 2 0.015104 3 0.009911 4 0.007576 5-9 0.019480	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 82910 82089 81478 67935 78832 77220 74977 72595 69957 766924 63314 59038 53706 47237 39222 2114 10908 LEVEL= 1(x) 100000 88971 86070 84770 839394	12960 13.497 .mates, 1 Nethod, 1 .ife Table D(x) 12973 2863 1254 821 6100 1544 1102 1612 2243 33610 4276 5332 6469 8015 9282 9886 9207 10908 13.650 D(x) 11029 2901 1300 840 636 61623	900 Publi Women Age L(x) 91308 85338 81771 403532 396917 390131 380493 356381 342204 325595 305879 281859 252356 216164 173054 175286 77556 48068 L(x) 92831 87259 85381 84333 87259 84333	0.00000 c. Use Sam rd 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.97529 0.96599 0.96599 0.96599 0.96591 0.95146 0.93945 0.92147 0.89533 0.85651 0.8064 0.72397 0.00000 P(x) 0.93945 0.99130 0.97847 0.99130 0.98673	T(x) 4868784 4777476 4692138 4526156 4444384 4040852 3643936 3253805 2873313 2504384 2148003 1805799 1480204 1174325 892467 640111 423966 T(x) 5155386 5155386 5155386 4068	e(x) 48.69 54.90 55.75 55.59 55.14 54.52 42.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55 10.81 8.36 6.25 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00966 0.00383 0.00413 0.00590 0.01109 0.01398 0.01398 0.01398 0.11871 0.22562 m(x) 0.11881 0.03324 0.01523 0.00956 0.01523	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.164299 65-69 0.129142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.033258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.026319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.065008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000 BOTH SEXES 1900 AGE(x) q(x) 0 0.110764 1 0.029035 2 0.013245 3 0.008733 4 0.002933 4 0.002933	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL# 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55081 60850 55081 60850 55081 60850 55081 60850 55081 60850 56386 65081 60850 55081 60850 55081 60850 55081 60850 55081 60850 55081 60850 55081 60850 55081 60850 55081 60850 55081 60850 56386 65081 60850 56386 65081 60850 56386 65081 60850 56386 65081 68386 65081 68386 68386 68388 68488	1526 2125 2253 2499 2892 3482 4192 5297 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 556 1479 1123 1574 2008 2227 2447 2468 2914 3305 4231 5329 7190 9007 10937 11402 16985 14.360	398893 3897621 366943 353466 337532 3188349 294627 265068 2288316 184064 134374 84059 53300 L(x) 93422 88357 363169 349214 337688 314828 299928 299928 229140 165279 113432 81303	0.97712 0.97192 0.97192 0.96865 0.96855 0.96327 0.95492 0.94317 0.92548 0.86135 0.86135 0.62556 0.63408 0.00000 P(x) 0.94578 0.98102 0.98457 0.98923 0.98158 0.981618 0.97341 0.95985 0.95548 0.92409 0.94240 0.77247 0.67009 0.71457 0.000000	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243898 9491892 684114 455798 271733 137360 53300 T(x) 5337285 5243963 5155506 5068822 4983070 4897972 4477538 4063609 2494592 2131423 1782209 1448541 1133713 842785 583154 366014 194735 81303 T(x) 5181968 5089278	e(x) 53.37 58.34 59.06 58.34 59.06 58.35 57.74 33.75 33.73 29.89 26.06 22.26 18.63 15.18 12.07 9.26 6.86 4.79	0.00545 0.00595 0.006818 0.00818 0.010317 0.01798 0.02450 0.03580 0.05176 0.077021 0.116312 0.02923 0.01357 0.00665 0.00672 0.00665 0.00672 0.00672 0.00672 0.00672 0.00672 0.00672 0.00672 0.00735
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043359 40-44 0.053946 45-49 0.067540 50-54 0.090312 55-59 0.120457 60-64 0.159674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.110291 1 0.032605 2 0.015104 3 0.009911 4 0.007576 5-9 0.019480 10-14 0.015022	12960 LEVEL= aines Esti Children st Model 1 1 (x) 100000 87027 84164 82910 82089 84167 78935 78832 77250 74897 72505 66957 66924 63314 59038 53706 47237 39222 30000 20114 10908 LEVEL= 1 (x) 100000 886971 86070 83990 83294 81671	12960 13.497 .mates, 1 Method, 1 .ife Table D(x) 12973 2863 1254 821 610 1544 1102 1612 2243 2362 2633 3610 4276 5332 6469 8015 9222 9886 9207 10908 13.650 D(x) 11029 2901 1300 840 636 1633 1227	900 Publi Women Age L(x) 91308 85338 81771 403532 396917 390131 380493 366929 335595 305879 281859 252356 216146 173054 125286 77556 48068 L(x) 92831 87259 85381 842333 81599 412414 405290	0.00000 c. Use Sam d. 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.9821 0.96599 0.96022 0.95146 0.99394 0.95020 0.95147 0.89533 0.85651 0.89533 0.85651 0.89030 0.61979 0.00000	T(x) 4868784 4777476 4692138 4608638 4526156 464384 4040852 353805 2873313 2253805 2873311 423965 2504384 4148003 1805799 1480204 1774325 892467 6400111 423965 250910 122554 48068 T(x) 5155382 5062551 4975291 480587 4721978 4309565	e(x) 48.69 54.90 55.75 55.59 55.45 54.22 42.14 38.32 34.50 30.70 26.98 19.89 16.62 13.55 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.00383 0.002743 0.00590 0.00646 0.011099 0.013992 0.02564 0.03303 0.01399 0.013992 0.07890 0.11891 0.22692	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.299142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FERNALES 1900 AGE(x) q(x) 0 0.101195 1 0.026734 2 0.013258 3 0.008684 4 0.006629 5-9 0.017435 10-14 0.013476 15-19 0.019145 20-24 0.024896 25-29 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.0585008 55-59 0.087579 60-64 0.129492 65-69 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000 BOTH SEXES 1900 AGE(x) q(x) 0 0.110764 1 0.029035 2 0.013245 3 0.008733	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331 39324 28387 16985 LEVEL= 1(x) 100000 889824 86342 86342 285198	1526 2125 2253 2499 2892 3482 4192 5297 8174 9527 10349 9777 11923 14.360 0 (x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2688 2914 3305 4231 5329 7190 9007 10937 11402 16985 14.360	398893 3897621 366943 353466 337532 318349 294627 265968 228316 184064 134374 84059 53300 L(x) 93422 88357 85098 420434 413929 407186 85751 85098 349214 333668 314828 290928 259631 219140 169279 113432 81303 L(x) 92690 87400 87400 87400 87406 84811 84164 415838	0.97712 0.97192 0.97192 0.96865 0.96327 0.95492 0.94317 0.92548 0.89957 0.80618 0.73004 0.62556 0.63560 0.63408 0.00000 P(x) 0.98578 0.98107 0.97341 0.97341 0.97985 0.98598 0.96158 0.96158 0.96158 0.95548 0.94354 0.94354 0.94354 0.94354 0.94354 0.94354 0.97467 0.97698 0.96158	3787577 3388684 2998919 2620098 2253155 1899689 1562157 1243808 949192 684114 455798 271733 137360 533708 T(x) 5337285 5243863 55155506 5068822 4983070 4477538 4063609 1656423 1782209 2870449 287049 287049 287049 287049 287049 287049 287049 287049 287049 31782209 287049 31782209 287049 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 31782209 3178209 3178209 3178209 318200	e(x) 53.37 58.34 59.06 6.33 4.47 e(x) 53.37 58.34 59.06 6.33 7.57 49.42 45.34 41.43 37.57 33.73 29.89 26.06 22.26 6.86 4.79	0.00545 0.00595 0.00681 0.00681 0.01317 0.01798 0.0245 0.03580 0.05176 0.07516 0.07702 0.11631 0.22370 m(x) 0.10832 0.02923 0.01357 0.00651 0.00757 0.00651 0.00757 0.00681 0.00814 0.0091 0.01314 0.0091 0.01410 0.06461 0.10952 0.20892 m(x) 0.11950 0.20892
(III) Preston/H Surviving Fitted We TOTAL POPULATIO MALES 1900 AGE(x) q(x) 0 0.129729 1 0.032900 2 0.014900 3 0.009905 4 0.007436 5-9 0.018946 10-14 0.013792 15-19 0.020447 20-24 0.029052 25-29 0.031770 30-34 0.036330 35-39 0.043399 40-44 0.053946 45-49 0.067540 50-54 0.990312 55-59 0.120457 60-64 0.159674 65-69 0.235119 70-74 0.329518 75-79 0.457707 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.110291 1 0.032605 2 0.015104 3 0.009911 4 0.007576 5-9 0.019480	12960 LEVEL= aines Esti Children st Model I N 1(x) 100000 87027 84164 82910 82089 81478 82910 82089 81478 67935 78832 77220 74977 72595 69957 766924 63314 59038 53706 47237 39222 2114 10908 LEVEL= 1(x) 100000 88971 86070 84770 839394	12960 13.497 .mates, 1 Nethod, 1 .ife Table D(x) 12973 2863 1254 821 6100 1544 1102 1612 2243 33610 4276 5332 6469 8015 9282 9886 9207 10908 13.650 D(x) 11029 2901 1300 840 636 61623	900 Publi Momen Age L(x) 91308 85338 81771 403532 396917 390131 386929 356381 34294 405290 252356 48068 L(x) 92831 677556 48068	0.00000 c. Use Sam da 14-34 P(x) 0.93461 0.98783 0.99137 0.98698 0.97529 0.96599 0.95599 0.95599 0.95599 0.95146 0.939945 0.9200000 P(x) 0.93998 0.97847 0.89533 0.85651 0.000000	T(x) 4868784 4777478 4692138 4608638 4526156 4444384 4040852 3643936 3253805 2873313 2504384 2148003 1805799 1480204 1174325 892467 640111 42066 T(x) 5155382 5062551 4975291 48068	e(x) 48.69 54.90 55.75 55.59 55.14 54.55 50.55 40.14 38.32 34.50 30.70 26.98 23.38 19.89 16.62 13.55 10.81 8.36 6.25 4.41	m(x) 0.14208 0.22051 m(x) 0.14208 0.03355 0.01502 0.00946 0.00383 0.00254 0.001398 0.11891 0.03254 0.01502 0.11881 0.03324 0.01523 0.01503	15-19 0.018946 20-24 0.026897 25-29 0.029295 30-34 0.033475 35-39 0.040092 40-44 0.050277 45-49 0.063738 50-54 0.086026 55-59 0.115975 60-64 0.164299 65-69 0.229142 70-74 0.322915 75-79 0.450536 80+ 1.000000 FEMALES 1900 AGE(x) q(x) 0 0.101195 1 0.028734 2 0.013258 3 0.008684 4 0.006629 5-9 0.028319 30-34 0.032027 35-39 0.036071 40-44 0.040864 45-49 0.048330 50-54 0.055008 55-59 0.186360 70-74 0.278124 75-79 0.401653 80+ 1.000000 BOTH SEXES 1900 AGE(x) q(x) 0 0.110764 1 0.029035 2 0.013245 3 0.008733 4 0.009033 4 0.029035 2 0.013245 3 0.008733 4 0.009033 4 0.009033 4 0.009033 5 0.0110764 1 0.029035 2 0.013245 3 0.008733 4 0.006607 5-9 0.1017366	80542 79016 76890 74638 72139 69247 65766 61574 56277 49750 41576 32049 21700 11923 LEVEL= 1(x) 100000 89881 87298 86140 85392 84826 83347 82224 80650 78642 76415 73968 71300 68386 65081 60850 55521 48331 39324 28387 16985 LEVEL= 1(x) 100000 88928 1(x) 100000 88928 84484 883896	1526 2125 2253 2499 2892 3482 4192 5297 10349 9777 11923 14.360 D(x) 10120 2583 1157 748 566 1479 1123 1574 2008 2227 2447 2668 2914 3305 4231 5329 7190 9007 10937 11402 16985 14.360	398893 389765 376821 366943 353466 337532 318349 294627 265068 228316 184064 134374 84059 53300 L(x) 93422 88357 86584 465751 8598 420434 413929 407186 3387643 3387643 3387643 349214 333668 314828 259631 219140 165279 113432 81303	0.97712 0.97192 0.97192 0.96865 0.96855 0.96327 0.954892 0.94317 0.92548 0.89955 0.60618 0.73004 0.62556 0.63408 0.00000 P(x) 0.94578 0.98107 0.98238 0.98812 0.998433 0.98371 0.97801 0.97341 0.95985 0.95548 0.95158 0.95168 0.95158 0.95158 0.95158 0.95158 0.95158 0.95158 0.95158 0.95168 0.95158 0.95158 0.95158 0.95158 0.95158 0.95158	3787577 338684 2998919 2620098 2253155 1899689 1562157 1243808 949182 271733 137360 53300 T(x) 5337285 5243863 5155506 5068822 4983070 4487573 4477538 4063609 3656423 3258192 2870549 24945992 2131423 1782209 1448541 143541 194735 81303 T(x) 5181968 508278 5001878 4941512 4747167	•(x) 53.37 58.34 59.06 58.34 59.06 58.35 57.74 53.77 49.42 45.34 41.43 37.57 33.73 29.89 26.06 22.26 18.63 15.18 12.07 9.26 6.86 4.79	0.00545 0.00595 0.006818 0.006818 0.01317 0.01798 0.02462 0.03580 0.05176 0.07502 0.11631 0.22370 m(x) 0.10832 0.02371 0.00872 0.00651 0.00735 0.00834 0.00575 0.00651 0.00730 0.006410 0.004110 0.06461 0.10832 0.0271 0.01334 0.01335 0.0271

e(x)

57.63

57.33

56.79

56.13

52.01

47.61

43.43

39.50

35.55

31.62

27.76

24.03

20.43

17.05

13.90

11.08

8.56

6.39

e(x)

59.95

59.68

59.15

58.51

54.43

50.08

45.94 41.97

38.03

34.13

30.24

26.36

22.51

18.85

15.36

9.36

e(x)

58.77 58.48

57.95

57.30

53.20

48.82 44.66

36.77

32.85

28.98 25.18

21.47 17.95

14.64 11.66

8.98 6.68

52.97

58.14

58,57

58.21 57.63

56.93 52.75

48.31

44.09

40.09

36.08

32.09

28.17

24.37

20.71

m(x) 51.54 0.12225 57.06 0.02734

0.01219

0.00806

0.00603

0.00326

0.00239

0.00361

0.00514

0.00559

0.00640

0.00771

0.00977

0.01731

0.02390

0.03488

0.05066

0.07566

0.11457

m(x)

0.01213

0.00613

0.00324

0.00250

0.00358

0.00468

0.00534

0.00607

0.00689

0.00789

0.00947

0.01290

0.01768

0.02679

0.06320

0.09880

m(x)

0.02687

0.01216

0.00802

0.00508

0.00244

0.00491 0.00547

0.00624

0.00730

0.00884

0.01103

0.01509

0.02072

0.03068 0.04501

0.06886 0.10571

0.11291

0.02452

0.01091

0.00721

0.00299 0.00220

0.00336

0.00478

0.00518

0.00592

0.00715

0.00914

0.01191

0.01652

17.28 0.02303

4.68 0.21358

4.85 0.20603

53.07 0.11198 58.20

4.52 0.22131

54.68 0.10133 59.38 0.02639

2051775

1695672

1357764

1042917

0.94891

0.93175 0.90652

0.86904

30-34 0.029166 35-39 0.035141

40-44 0.044657

45-49 0.057831

50-54 0.079302

55-59 0.108878

72847

69594 65569

60369

3253

4025 5200

6573

356103

337908

314847

285415

20-24 0.025911	79813	2068	393895	0.97266	3518887	44.09	0.00525	(IV) Haines/Preston Estimates, 1910 Public Use Sample
25-29 0.028813	77745	2240	383124	0.96924	3124992	40.20	0.00585	Surviving Children Method, Women Aged 14-34
30-34 0.032760	75505	2474	371340	0.96461	2741868	36.31	0.00666	Fitted West Model Life Tables
35-39 0.038106	73031	2783	358199	0.95821	2370527		0.00777	
40-44 0.045617	70248	3205	343231	0.94928	2012328	28.65	0.00934	manus BANT LEBAN
								TOTAL POPULATION
45-49 0.056071	67044	3759	325821	0.93450	1669098	24.90	0.01154	MALES 1910
50-54 0.075483	63285	4777		0.91199	1343276	21.23	0.01569	AGE(x) $q(x)$ $I(x)$ $D(x)$ $L(x)$ $P(x)$ $T(x)$
55-59 0.101569	58508	5943	277682	0.87723	1038795		0.02140	0 0.112996 100000 11300 92429 0.94442 515404
60-64 0.146365	52565	7694		0.82587	761113	14.48	0.03158	1 0.026910 88700 2387 87292 0.98244 506161
65-69 0.206664	44871	9273	201174	0.75259	517522	11.53	0.04610	2 0.012112 86313 1045 85759 0.99012 497432
70-74 0.298779	35598	10636	151401	0.64985	316348	8.89	0.07025	3 0.008029 85268 685 84912 0.99301 488856
75-79 0.423419	24962	10569	98387	0.67651	164947	6.61	0.10743	4 0.006016 84583 509 84319 0.98905 480365
80+ 1.000000	14393	14393	66560	0.00000	66560	4.62	0.21624	5-9 0.016157 84075 1358 416977 0.98597 471933
	LEVEL=	14.360						10-14 0.011867 82716 982 411127 0.98514 430235
								15-19 0.017895 81735 1463 405016 0.97839 389122
BLACK POPULATION								20-24 0.025389 80272 2038 396265 0.97354 348621:
MALES 1900								25-29 0.027569 78234 2157 385778 0.97050 308994
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	30-34 0.031484 76077 2395 374397 0.96540 270417
0 0.183457	100000	18346	87708	0.90198	4045186	40.45	0.20917	
1 0.052782	81654	4310	79111	0.96502	3957477	48.47	0.05448	
2 0.024406	77344	1888	76344	0.97996	3878366	50.14	0.02473	
								45-49 0.061034 67515 4121 327273 0.92835 162230
3 0.016383	75457	1236	74814	0.98568	3802022	50.39	0.01652	50-54 0.082958 63394 5259 303823 0.90279 129502
4 0.012379	74221	919	73743	0.98001	3727208	50.22	0.01246	55-59 0.112747 58135 6555 274289 0.86484 99120
5-9 0.028190	73302	2066	361343	0.97563	3653465	49.84	0.00572	60-64 0.160413 51581 8274 237217 0.81020 71691
10-14 0.020439	71235	1456	352537	0.97549	3292122		0.00413	65-69 0.224807 43306 9736 192193 0.73445 47969
15-19 0.028665	69779	2000	343897	0.96545	2939585	42.13	0.00582	70-74 0.318112 33571 10679 141156 0.63032 28750
20-24 0.040607	67779	2752	332015	0.95730	2595689	38.30	0.00829	75-79 0.445309 22892 10194 88973 0.64487 14634
25-29 0.044878	65027	2918	317839	0.95185	2263673	34.81	0.00918	80+ 1.000000 12698 12698 57376 0.00000 5737
30-34 0.051581	62109	3204	302534	0.94392	1945835	31.33	0.01059	LEVEL= 14.875
35-39 0.060816	58905	3582	285569	0.93260	1643301	27.90	0.01254	
40-44 0.074401	55323	4116	266323	0.91836	1357732	24.54	0.01546	FEMALES 1910
45-49 0.089453	51207	4581	244581	0.89790	1091409			AGE(x) $q(x)$ $1(x)$ $D(x)$ $L(x)$ $P(x)$ $T(x)$
50-54 0.115994	46626	5408	219609	0.86911	846828		0.02463	0 0.094885 100000 9489 93643 0.95175 546822
55-59 0.147733	41218	6089	190865	0.82703	627219	15.22	0.03190	1 0.025982 90512 2352 89124 0.98287 537458
60-64 0.202578	35128	7116	157852	0.76660	436353	12.42	0.04508	2 0.012048 88160 1062 87597 0.99020 528545
65-69 0.272045	28012	7621	121009	0.68655	278502	9.94	0.06298	
70-74 0.370332	20392	7552	83079	0.57860	157492	7.72	0.09090	4 0.006106 86407 528 86132 0.98906 511112
75-79 0.502514	12840	6452	48069	0.54805	74413	5.80	0.13423	5-9 0.016051 85879 1378 425949 0.98575 502499
80+ 1.000000	6388	6388	26344	0.00000	26344	4.12	0.24247	10-14 0.012426 84501 1050 419878 0.98494 459904
	LEVEL=	10.320						15-19 0.017727 83451 1479 413554 0.97960 417916
								20-24 0.023114 81971 1895 405119 0.97528 376561
FEMALES 1900								25-29 0.026366 80077 2111 395104 0.97189 336049
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	30-34 0.029911 77965 2332 383996 0.96813 296538
0 0.156570	100000	15657	89823	0.91020	4327218	43.27	0.17431	35-39 0.033885 75633 2563 371759 0.96375 258139
1 0.051963	84343	4383	81757	0.96529	4237395	50.24	0.05361	40-44 0.038708 73070 2828 358281 0.95760 220963
2 0.024563	79960	1964	78919	0.97994	4155638	51.97	0.02489	45-49 0.046248 70242 3249 343088 0.94582 185135
3 0.016275	77996	1269	77336	0.98566	4076719	52.27	0.01641	50-54 0.062503 66993 4187 324499 0.92678 150826
4 0.012520	76727	961	76227	0.97935	3999383	52.12	0.01260	55-59 0.084659 62806 5317 300738 0.89580 118376
5-9 0.029378	75766	2226	373266	0.97380	3923155	51.78	0.00596	60-64 0.125551 57489 7218 269401 0.84816 88302
10-14 0.022931	73540	1686	363486	0.97330	3549889	48.27	0.00464	65-69 0.181900 50271 9144 228495 0.77716 61362
15-19 0.030561	71854	2196	353780	0.96548	3186403	44.35	0.00621	70-74 0.272872 41127 11222 177578 0.67523 38513
20-24 0.038612	69658	2690	341566	0.95900	2832623	40.66	0.00787	
					2491057			
25-29 0.043490	66968	2912	327561	0.95372		37.20	0.00889	80+ 1.000000 18058 18058 87646 0.00000 8764
30-34 0.049202	64056	3152	312401	0.94818	2163496	33.78	0.01009	LEVEL= 14.875
35-39 0.054566	60904	3323	296213	0.94285	1851095	30.39	0.01122	
40-44 0.059893	57581	3449	279283	0.93655	1554882	27.00	0.01235	BOTH SEXES 1910
45-49 0.067231	54132	3639	261563	0.92262	1275599	23.56	0.01391	AGE(x) $q(x)$ $l(x)$ $D(x)$ $L(x)$ $P(x)$ $T(x)$
50-54 0.088266	50493	4457	241323	0.89904	1014036	20.08	0.01847	0 0.104161 100000 10416 93021 0.94802 530687
55-59 0.114886	46036	5289	216958	0.86069	772713		0.02438	1 0.026452 89584 2370 88186 0.98265 521385
60-64 0.166910	40747	6801	186733	0.80501	555755	13.64	0.03642	2 0.012080 87214 1054 86656 0.99016 512566
65-69 0.228699	33946	7763	150322	0.72786	369022	10.87	0.05165	3 0.007982 86161 688 85803 0.99301 503901
70-74 0.328454	26183	8600	109414	0.62051	218700	8.35	0.07860	4 0.006060 85473 518 85204 0.98905 495321
75-79 0,455479	17583	8009	67893	0.60968	109286	6.22	0.11796	5-9 0.016104 84955 1368 421355 0.98586 486800
80+ 1.000000	9574	9574	41393	0.00000	41393	4.32	0.23130	10-14 0.012142 83587 1015 415397 0.98504 444665
	LEVEL=	10.320						15-19 0.017812 82572 1471 409183 0.97899 403125
								20-24 0.024267 81101 1968 400586 0.97440 362207
BOTH SEXES 1900	1							25-29 0.026975 79133 2135 390329 0.97118 322148
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)	30-34 0.030707 76998 2364 379081 0.96675 283115
0 0.170341	100000	17034	88757		4182627		0.19192	35-39 0.035869 74634 2677 366478 0.96051 245207
1 0.052376	82966	4345		0.96515			0.05405	
			77600		4013467		0.02481	
2 0.024484	78620	1925						45-49 0.053675 68845 3695 334989 0.93708 173359
3 0.016329	76696	1252		0.98567			0.01647	50-54 0.072698 65150 4736 313910 0.91489 139860
4 0.012449	75443	939		0.97968			0.01253	55-59 0.098503 60414 5951 287192 0.88066 108469
5-9 0.028779	74504	2144		0.97472			0.00584	60-64 0.142462 54463 7759 252918 0.82992 79750
10-14 0.021674	72360	1568		0.97440			0.00438	65-69 0.202278 46704 9447 209902 0.75713 54458
15-19 0.029604	70792	2096		0.96546			0.00601	70-74 0.293751 37257 10944 158924 0.65480 33468
20-24 0.039620	68696	2722		0.95814			0.00808	75-79 0.418055 26313 11000 104063 0.68895 17575
25-29 0.044191	65974	2915		0.95277			0.00904	80+ 1.000000 15312 15312 71694 0.00000 7169
30-34 0.050402	63059	3178		0.94604			0.01034	LEVEL= 14.875
35-39 0.057715	59880	3456	290762	0.93769	1744508	29.13	0.01189	
40-44 0.067179	56424	3791		0.92745			0.01390	WHITE POPULATION
45-49 0.078304	52634	4121		0.91037			0.01630	MALES 1910
50-54 0.101916	48512	4944		0.88442	928236		0.02148	AGE(x) $q(x)$ $1(x)$ $D(x)$ $L(x)$ $P(x)$ $T(x)$
55-59 0.130802	43568	5699		0.84453	698034		0.02799	0 0.104972 100000 10497 92967 0.94901 529673
60-64 0.183857	37869	6963		0.78695	494440		0.04049	1 0.024168 89503 2163 88227 0.98426 520376
65-69 0.248821	30907	7690		0.70894	322500		0.05684	2 0.010847 87340 947 86838 0.99116 511554
70-74 0.347294	23217	8063		0.60192	187191		0.08405	3 0.007181 86392 620 86070 0.99375 502870
				0.58066	91266		0.12490	
75-79 0.475892	15154	7211						4 0.005376 85772 461 85532 0.99001 494263
80+ 1.000000	7942	7942	2324/	0.00000	3332/	4.22	0.23689	5-9 0.014836 85311 1266 423390 0.98709 485710
	LEVEL=	10.320						10-14 0.010948 84045 920 417925 0.98621 443371
								15-19 0.016667 83125 1385 412162 0.97988 401578
								20-24 0.023628 81740 1931 403870 0.97542 360362
								25-29 0.025559 79808 2040 393942 0.97266 319975
								30-34 0.029166 77768 2268 383172 0.96789 280581
								35-39 0.035141 75500 2653 370868 0.96019 242264

60-64 0.155743																
	53797	8378	248037	0.81503	757502	14.08	0.03378	55-59	0.101546	52551	5336	249412	0.87618	927473	17.65	0.02140
65-69 0.219580	45418	9973	202158	0.73977	509465	11.22	0.04933		0.148620	47214	7017	218529	0.82418	678061		0.03211
70-74 0.312306	35445	11070	149552	0.63608	307307	8.67	0.07402		0.207772	40197	8352	180107	0.74993	459532		0.04637
75-79 0.438976	24375	10700	95127	0.65837	157755	6.47			0.303468	31845	9664		0.64508	279426		0.07155
80+ 1.000000	13675 LEVEL=	13675 15.493	62648	0.00000	62628	4.58	0.21835		0.428789	22181 12670	9511 12670	87129 57230	0.65684	144359 57230		0.10916
		23,432						00.		LEVEL=	12.080	5,250	0.0000	37230		0.2222
FEMALES 1910																
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)		XES 1910							
0 0.087572	100000 91243	8757 2089	94133 90010	0.95621	5623799 5529666	56.24 60.60	0.09303 0.02321	AGE(x)	g(x) 0.142554	l(x) 100000	D(x) 14255	L(x) 90449	P(x) 0.92438	T(x) 4617685	e(x)	m(x) 0.15761
2 0.010701	89154	954	88648	0.99127	5439655	61.01	0.02321		0.042204	85745	3619	83610	0.97209	4527236	52.80	0.13781
3 0.007105	88200	627		0.99371		60.67			0.019518	82126	1603		0.98406	4443627		0.01972
4 0.005531	87573	484	87321	0.99012	5263133	60.10	0.00555	3	0.012952	80523	1043	79981	0.98866	4362351	54.18	0.01304
5-9 0.014479	87089	1261	432293	0.98713	5175811	59.43	0.00292		0.009840	79480	782	79073	0.98351	4282370	53.88	0.00989
10-14 0.011228	85828	964	426731	0.98634		55.27	0.00226		0.023593 0.017789	78698	1857	388848 380789	0.97927	4203297		0.00477
15-19 0.016111 20-24 0.021079	84864 83497	1367 1760	420904 413085	0.98143 0.97741		50.87 46.66	0.00325 0.00426		0.024625	76841 75474	1367 1859	372725	0.97882 0.97120	3433661		0.00359
25-29 0.024128	81737	1972	403755	0.97422	3482799	42.61	0.00488		0.033074	73616	2435	361992	0.96507	3060936	41.58	0.00673
30~34 0.027475	79765	2192	393346	0.97061	3079043	38.60	0.00557	25-29	0.036842	71181	2622	349348	0.96062	2698944		0.00751
35-39 0.031349	77573	2432	381787	0.96627	2685698	34.62	0.00637	30-34	0.042014	68558	2880	335591	0.95487	2349596	34.27	0.00058
40-44 0.036183	75142	2719	368911	0.96009	2303910	30.66			0.048374	65678	3177	320448	0.94747	2014004	30.66	0.00991
45-49 0.043787 50-54 0.059527	72423 69252	3171	354186 335952	0.94852	1935000	26.72	0.00895		0.056893 0.067608	62501	3556	303615	0.93791 0.92199	1693557 1389942		0.01171
55-59 0.081177	65129	4122 5287		0.89983	1244863	22.83	0.01227		0.089174	58945 54960	3985 4901	284763 262547	0.89775	1105179		0.01399
60-64 0.120838	59842	7231	281133	0.85310	932434	15.58	0.02572		0.116596	50059	5837	235703	0.86044	842632	16.83	0.02476
65-69 0.176543	52611	9288	239835	0.78282	651301	12.38	0.03873	60-64	0.165553	44222	7321	202808	0.80602	606929	13.72	0.03610
70-74 0.266540	43323	11547	187746	0.68144	411467		0.06150		0.228056	36901	8416	163467	0.73048	404121		0.05148
75-79 0.389491	31776	12376	127937	0.74867	223720	7.04	0.09674		0.323237	28486	9208	119409	0.62566	240654	8.45	0.07711
80+ 1.000000	19399 LEVEL=	19399 15.493	95783	0.00000	95783	4.94	0.20253		0.449859 1.000000	19278 10606	8672 10606	74709	0.62289	121245 46536		0.11608 0.22790
BOTH SEXES 1910		13.433						307	2.00000	LEVEL=	12.080	40320	0.0000	40330	4.22	0,22,70
AGE(x) q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)									
0 0.096484	100000	9648	93536	0.95254		54.56	0.10315									
1 0.023539	90352	2127	89097	0.98456	5362237	59.35	0.02387									
2 0.010775 3 0.007144	88225 87274	951 623	87721 86950	0.99121	5273140 5185419	59.77 59.42	0.01084									
4 0.005452	86651	472	86405		5098469	58.84	0.00547									
5-9 0.014660	86178	1263	427733		5012064	58.16		(V) Pre	ston/Hain	es Estima	tes, 1916	0 Public	Use Sampl	e		
10-14 0.011086	84915	941	422221	0.98628	4584331	53.99	0.00223		rviving C							
15-19 0.016393	83974	1377	416426	0.98064			0.00331	Fi	tted Unit	ed Nation	s Far Eas	stern Mod	el Life T	ables		
20-24 0.022371	82597	1848	408365		3745684		0.00452									
25-29 0.024852 30-34 0.028330	80749 78742	2007 2231	398729 388135	0.97343	3337318 2938589	41.33	0.00503 0.00575		R EASTERN OPULATION	MODEL FO	R BLACK	POPULATIO	N			
35-39 0.033266	76512	2545	376195	0.96320		33,33		MALES (
40-44 0.040458	73966	2993	362351		2174259	29.40	0.00826	AGE(x)	q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
45-49 0.050840	70974	3608	345849		1811908	25.53		0	0.12714	100000	12714	91482	0.93582	4182838	41.83	0.13898
50-54 0.069386	67366	4674		0.91834			0.01438	1	0.03254	87286	2841	85610	0.97661	4091356		0.03318
55-59 0.094839	62691	5946	298593	0.88476	1140917		0.01991	2	0.01873	84445	1581	83607	0.98450	4005746	47.44	0.01891
60-64 0.137787 65-69 0.197005	56746 48927	7819 9639	264182 220537	0.83479	842325 578143	14.84 11.82	0.02960 0.04371	3 4	0.01282	82864 81801	1063 781	82312 81395	0.98887	3922139 3839827	47.33	0.01291
70-74 0.287689			220037			11.02	0.043/1	4		STRAT	197	g T 7 A 3	0.90237	1496586	40.34	0.00531
		11303	168184	0.66078	357606	9.10	0.06720	5-9	0.02621	81020	2124	399801	0.97648	3758432	46.39	
75-79 0.411567	39288 27985	11303 11518	168184 111132	0.66078	357606 189422	9.10 6.77	0.06720 0.10364	5-9 10-14	0.02621 0.02075	81020 78897	2124 1637		0.97648	3758432 3358631		0.00419
			111132			6.77		10-14 15-19	0.02075 0.03075					3358631 2968233		
75-79 0.411567	27985	11518	111132	0.70448	189422	6.77	0.10364	10-14 15-19 20-24	0.02075 0.03075 0.04402	78897 77259 74884	1637 2376 3296	390398 380712 366454	0.97519 0.96255 0.95305	3358631 2968233 2587521	42.57 38.42 34.55	0.00419 0.00624 0.00900
75-79 0, 411567 80+ 1.000000	27985 16467 LEVEL=	11518 16 4 67	111132	0.70448	189422	6.77	0.10364	10-14 15-19 20-24 25-29	0.02075 0.03075 0.04402 0.04941	78897 77259 74884 71587	1637 2376 3296 3537	390398 380712 366454 349250	0.97519 0.96255 0.95305 0.94605	3358631 2968233 2587521 2221067	42.57 38.42 34.55 31.03	0.00419 0.00624 0.00900 0.01013
75-79 0.411567 80+ 1.000000 BLACK POPULATION	27985 16467 LEVEL=	11518 16 4 67	111132	0.70448	189422	6.77	0.10364	10-14 15-19 20-24 25-29 30-34	0.02075 0.03075 0.04402 0.04941 0.05935	78897 77259 74884 71587 68050	1637 2376 3296 3537 4039	390398 380712 366454 349250 330407	0.97519 0.96255 0.95305 0.94605 0.93385	3358631 2968233 2587521 2221067 1871817	42.57 38.42 34.55 31.03 27.51	0.00419 0.00624 0.00900 0.01013 0.01222
75-79 0, 411567 80+ 1.000000	27985 16467 LEVEL=	11518 16 4 67	111132	0.70448	189422	6.77	0.10364	10-14 15-19 20-24 25-29 30-34 35-39	0.02075 0.03075 0.04402 0.04941	78897 77259 74884 71587	1637 2376 3296 3537	390398 380712 366454 349250 330407 308551	0.97519 0.96255 0.95305 0.94605	3358631 2968233 2587521 2221067	42.57 38.42 34.55 31.03 27.51 24.08	0.00419 0.00624 0.00900 0.01013
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910	27985 16467 LEVEL=	11518 16467 15.493	111132 78290	0.70448 0.00000	189422 78290 T(x) 4472443	6.77 4.75	0.10364 0.21034 m(x) 0.17175	10-14 15-19 20-24 25-29 30-34 35-39	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416	78897 77259 74884 71587 68050 64011	1637 2376 3296 3537 4039 4747 5781 6667	390398 380712 366454 349250 330407 308551	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486	3358631 2968233 2587521 2221067 1871817 1541410	42.57 38.42 34.55 31.03 27.51 24.08 20.80	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635	27985 16467 LEVEL* 1 (x) 100000 84598	11518 16467 15.493 D(x) 15402 3607	111132 78290 L(x) 89680 82470	0.70448 0.00000 P(x) 0.91959 0.97192	189422 78290 T(x) 4472443 4382762	6.77 4.75 e(x) 44.72 51.81	m(x) 0.17175 0.04374	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780	78897 77259 74884 71587 68050 64011 59264 53484 46817	1637 2376 3296 3537 4039 4747 5781 6667 7856	390398 380712 366454 349250 330407 308551 282282 251190 214777	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505	27985 16467 LEVEL* V 1(x) 100000 84598 80991	11518 16467 15.493 D(x) 15402 3607 1580	111132 78290 L(x) 89680 82470 80154	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403	189422 78290 T(x) 4472443 4382762 4300293	6.77 4.75 e(x) 44.72 51.81 53.10	m(x) 0.17175 0.04374 0.01971	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295 0.75479	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 0 0.154024 1 0.042635 2 0.019505 3 0.013027	27985 16467 LEVEL= 1 1(x) 100000 84598 80991 79411	11518 16467 15.493 D(x) 15402 3607 1580 1034	111132 78290 L(x) 89680 82470 80154 78873	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864	189422 78290 T(x) 4472443 4382762 4300293 4220139	6.77 4.75 e(x) 44.72 51.81 53.10 53.14	0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.28799	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295 0.75479 0.67094	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505	27985 16467 LEVEL* V 1(x) 100000 84598 80991	11518 16467 15.493 D(x) 15402 3607 1580	111132 78290 L(x) 89680 82470 80154 78873 77977	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864	189422 78290 T(x) 4472443 4382762 4300293 4220139 4141266	6.77 4.75 e(x) 44.72 51.81 53.10 53.14 52.84	m(x) 0.17175 0.04374 0.01971	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295 0.75479	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810	27985 16467 LEVEL≈ 1 1(x) 100000 84598 80991 79411 78377	11518 16467 15.493 D(x) 15402 3607 1580 1034 769	111132 78290 L(x) 89680 82470 80154 78873 77977 383522	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.98368	T(x) 4472443 4382762 4300293 4220139 4141266 4063289	6.77 4.75 4.75 44.72 51.81 53.10 53.14 52.84 52.36	0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986	10-14 15-19 20-24 25-29 30-34 35-39 40-44 50-54 55-59 60-64 65-69 70-74	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.28799	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.09340 0.12627 0.16406
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116	27985 16467 LEVEL= N 1(x) 100000 84598 80991 79411 78377 77608 75801 74517	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797	111132 78290 L(x) 89680 82470 80154 78873 77977 383529 375796 368092	P(x) 0.91959 0.91192 0.98403 0.98864 0.98368 0.97985 0.97993	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972	6.77 4.75 e(x) 44.72 51.81 53.10 53.14 52.84 45.36 48.54	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.044941 0.05935 0.07416 0.09754 0.16780 0.20988 0.28799 0.37680 0.47326 0.56606 0.65472	78897 77259 74884 71587 68050 64011 59264 53484 46817 30784 21918 13660 7195 3122	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88585 0.85504 0.81595 0.75479 0.67094 0.57898 0.48491 0.39589 0.40140	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.09340 0.12627 0.12627 0.12627
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034115	27985 16467 LEVEL≈ 1 100000 84598 80991 79411 78377 77608 75801 74517 72720	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 357390	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97985 0.97993	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879	6.77 4.75 4.75 44.72 51.81 53.14 52.84 52.36 48.54 44.34 40.37	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00498 0.00695	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.28799 0.37680 0.47326 0.56606	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.48491 0.39589	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 18598	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.09340 0.12627 0.16406
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637	L(x) 89680 82470 80154 78873 383522 375796 368092 357390 344588	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98868 0.97985 0.97985 0.97985 0.97985	T(x) 4472443 4382762 4300293 422013 4141266 4063289 3679767 3303972 2935879 2578489	6.77 4.75 44.72 51.81 53.10 53.14 52.84 45.36 48.54 40.37 36.71	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.044941 0.05935 0.07416 0.09754 0.16780 0.20988 0.28799 0.37680 0.47326 0.56606 0.65472	78897 77259 74884 71587 68050 64011 59264 53484 46817 30784 21918 13660 7195 3122	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88585 0.85504 0.81595 0.75479 0.67094 0.57898 0.48491 0.39589 0.40140	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.09340 0.12627 0.12627 0.12627
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034115	27985 16467 LEVEL≈ 1 100000 84598 80991 79411 78377 77608 75801 74517 72720	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97985 0.97993	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 2233901	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.36 48.54 44.34 40.37 36.71 33.05	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00498 0.00695	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.04402 0.04941 0.05935 0.07416 0.12465 0.12780 0.29788 0.28799 0.37680 0.47326 0.56606 0.65472 1.00000	78897 77259 74884 71587 68050 64011 59264 53484 46817 30784 21918 13660 7195 3122	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88585 0.85504 0.81595 0.75479 0.67094 0.57898 0.48491 0.39589 0.40140	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36	0.00419 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.09340 0.12627 0.12627 0.12627
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980	27985 16467 LEVEL= (1) 10000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 33001 3866	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97993 0.97993 0.97993 0.95914 0.95974 0.95303 0.94315	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 2233901 1903188	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.84 44.34 44.37 36.71 33.05 29.42 225.87	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00861 0.01301	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.127465 0.127465 0.12988 0.22988 0.28799 0.37680 0.47326 0.65472 1.00000	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 313660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945	0.97519 0.96255 0.95305 0.934605 0.93486 0.89385 0.85504 0.81295 0.75479 0.67094 0.57898 0.46491 0.39589 0.40140	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 88793 38598 13773 3945	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.09480 0.12627 0.12627 0.12627
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) Q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163	27985 16467 LEVEL= 100000 84598 80991 79411 79877 77608 75801 74517 74220 70236 67599 64586 61386 61386	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438	L(x) 89680 82470 80154 78977 383522 375796 368092 357390 344588 330713 315180 297263 275502	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97993 0.96418 0.95930 0.95303 0.94315 0.95303	T(x) 447243 4382762 4300293 420139 3679762 3303972 2935879 2578489 158008 158008	e(x) 44.72 51.81 53.10 53.14 52.84 68.54 44.34 40.37 36.71 33.05 29.42 25.87 22.44	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.00342 0.00471 0.00342 0.00498 0.00695 0.00765 0.00881 0.01047 0.01301 0.01505	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 0	0.02075 0.03075 0.03402 0.04491 0.05935 0.07416 0.09754 0.12468 0.16780 0.20988 0.20988 0.47326 0.37680 0.47326 0.56667 1.00000	78897 77259 74884 71587 68050 64051 59264 46817 38961 30784 21918 13660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7886 8177 8865 8259 6465 4073 2044 1078	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945	0.97519 0.96255 0.95305 0.934605 0.93486 0.83985 0.85504 0.81295 0.75479 0.67094 0.57898 0.48491 0.39589 0.40140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 95057 484610 310006 178216 88793 38598 13773 3945	42.57 38.42 34.55 31.03 27.51 24.08 17.77 14.94 12.44 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.0265 0.03658 0.04683 0.06727 0.16406 0.2080 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641	27985 16467 LEVEL= 3 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395	L(x) 89680 82470 80154 78873 77977 383522 375796 344588 330713 315180 297263 276502	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.96418 0.95903 0.964315 0.93016 0.91090	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 1903188 1588008 1290745	6.77 4.75 44.72 51.81 53.10 53.14 52.84 45.36 48.54 44.34 736.71 33.05 29.42 25.87 22.44	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00695 0.00765 0.00765 0.01047 0.01301 0.01605 0.01605	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.16780 0.16780 0.20988 0.28799 0.37680 0.47326 0.56602 0.65472 1.00000	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366	0.97519 0.96255 0.95305 0.93465 0.93466 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.48491 0.39589 0.40140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773 3945	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.12627 0.12627 0.12627 0.12627 0.127327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132293	27985 16467 LEVEL= 3 1 (x) 10000 04598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 33001 3866 4438 5395 6313	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 330713 315180 297263 276502 251918	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.97993 0.97993 0.95914 0.95974 0.95303 0.94315 0.94315 0.94315 0.94316	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2233901 1903188 1588008 1290745 1014243 762325	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.86 48.54 44.34 40.37 36.71 33.05 29.42 25.87 22.44 19.11	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00861 0.01047 0.01301 0.01605 0.02142 0.02836	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.12765 0.12765 0.12765 0.12765 0.20988 0.28799 0.37680 0.47326 0.55606 0.55472 1.00000 (1910) q(x) 0.10946 0.03214 0.01791	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945	0.97519 0.96255 0.95405 0.93405 0.93485 0.89985 0.85504 0.81295 0.75479 0.67094 0.57898 0.46491 0.39589 0.40140 0.00000	3358631 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 88793 38598 13773 3945 T(x) 4458582 43655697 4278331	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 12.44 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.12627 0.12627 0.12627 0.127327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) Q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957	27985 16467 LEVEL= 100000 84598 80991 79411 78377 77608 75801 74517 74220 70236 61386 61386 61386 61386 61386 41373	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611	L(x) 89680 82470 80154 78873 73975 385522 375796 3368092 357390 344588 330713 315180 2976502 251918 222647	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.96418 0.95934 0.95303 0.94315 0.933016 0.933016 0.91109 0.88381 0.84365 0.74889	T(x) 447243 4382762 4300293 420139 4141266 4063289 3679762 2578489 1586008 1586008 1586008 158607 1014243 762325 538679	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.36 48.54 44.34 40.37 36.71 33.05 29.42 25.87 22.41 15.99	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00881 0.01047 0.01505 0.02142 0.02836 0.04052	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+	0.02075 0.03075 0.03402 0.04491 0.05935 0.07416 0.09754 0.12468 0.20988 0.47326 0.37680 0.47326 0.565672 1.00000 (1910) q(x) 0.10946 0.03214 0.017915	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078	390398 380712 366454 349250 330457 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85376 85324 86424 87366 87366	0.97519 0.96255 0.95305 0.93465 0.93466 0.83985 0.85504 0.81295 0.75479 0.67094 0.57898 0.46140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 95057 484610 310006 88793 38598 13773 3945 T(x) 4458582 4365837 4278331 4192957	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 6.64	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.12627 0.12627 0.12627 0.12627 0.127327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64586 61386 57520 53081 47686 41373 33762 25286	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 33001 3866 4438 5395 6313 7611 8476 8773	L(x) 8980 82470 80154 78873 7383522 375796 368092 375390 344588 330713 315180 297263 276502 251918 222647 187836 147619 104496	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.97993 0.95918 0.95974 0.95303 0.94315 0.94315 0.94316 0	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2233879 2578489 1290745 1014243 762325 539679 351842 204223	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.86 48.54 44.34 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00861 0.01047 0.01301 0.01605 0.02836 0.04052 0.02836 0.04052 0.05742 0.08395	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.12465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.12746 0.01791 0.01185 0.00853	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7856 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1003 714	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 84127 83274	0.97519 0.96255 0.95405 0.93405 0.93405 0.88985 0.88504 0.81295 0.75479 0.67094 0.57898 0.46491 0.39589 0.40140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 88793 38598 13773 3945 T(x) 4458582 4458582 4278331 4192957 4108830 4025556	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01222 0.01539 0.02048 0.02654 0.03658 0.04683 0.06727 0.12627 0.12627 0.12640 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 40-44 0.062980 40-44 0.062980 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814	27985 16467 LEVEL= 100000 84598 80991 79411 78377 77608 75801 74517 74220 70236 61386 51520 53081 47686 41373 33762 25286	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874	L(x) 89680 82470 80154 78873 375796 368092 357390 344588 330713 315180 2976502 251918 222647 187856 147619	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.96418 0.95934 0.95303 0.94315 0.933016 0.933016 0.91109 0.88365 0.70788 0.60176	T(x) 4472443 4382762 4300293 4200139 4141266 4063289 3679762 22339901 1903188 12807045 1014243 762325 533679 351842 204223 99727	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.08	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.02836 0.04052 0.05742 0.08395 0.08395	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 0 1 2 3 4 5-9 10-14	0.02075 0.03075 0.03402 0.04491 0.05935 0.07416 0.09754 0.12465 0.12768 0.20988 0.47326 0.37680 0.47326 0.56667 1.00000 (1910) q(x) 0.10946 0.03214 0.01791 0.00185 0.00853 0.02182 0.001659	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1810 1003 714	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 84127 83274 410146 402255	0.97519 0.96255 0.95305 0.94605 0.93385 0.94606 0.88985 0.85504 0.81295 0.75479 0.67094 0.75499 0.46491 0.39589 0.46140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 95057 484610 310006 188793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4108830 4025556	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01913 0.01229 0.02048 0.02648 0.02654 0.03658 0.04683 0.0672 0.10527 0.10540 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057	27985 16467 LEVEL= 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686 41373 33762 25286 16513 8633	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639	L(x) 89680 82470 80154 78873 375796 368092 357390 344588 330713 315180 2976502 251918 222647 187856 147619	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.97993 0.95918 0.95974 0.95303 0.94315 0.94315 0.94316 0	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2233879 2578489 1290745 1014243 762325 539679 351842 204223	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.08	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00861 0.01047 0.01301 0.01605 0.02836 0.04052 0.02836 0.04052 0.05742 0.08395	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.20988 0.47326 0.37680 0.47326 0.55672 1.00000 (1910) q(x) 0.10946 0.03214 0.01791 0.01085 0.2182 0.01659	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1 (x) 100000 89054 86192 84648 83645 82932 81122 79776	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1001 1346 1346	390398 380712 366454 349250 330407 308551 282282 251190 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 410146 402255 39286	0.97519 0.96255 0.95305 0.93465 0.93466 0.83985 0.85504 0.81295 0.75479 0.67094 0.48491 0.39589 0.40140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4278331 4192953 4025556 3615410	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02654 0.03654 0.03654 0.09340 0.12627 0.14646 0.27327 0.14784 0.03276 0.011784 0.03276 0.011808 0.010957 0.010957
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 40-44 0.062980 40-44 0.062980 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814	27985 16467 LEVEL= 100000 84598 80991 79411 78377 77608 75801 74517 74220 70236 61386 51520 53081 47686 41373 33762 25286	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874	L(x) 89680 82470 80154 78873 375796 368092 357390 344588 330713 315180 2976502 251918 222647 187856 147619	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.96418 0.95934 0.95303 0.94315 0.933016 0.933016 0.91109 0.88365 0.70788 0.60176	T(x) 4472443 4382762 4300293 4200139 4141266 4063289 3679762 22339901 1903188 12807045 1014243 762325 533679 351842 204223 99727	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.08	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.02836 0.04052 0.05742 0.08395 0.08395	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.12465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.127465 0.12746	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010	1637 2376 3296 3537 4039 4747 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1003 714 1810 1346 2766 3754	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 84127 83274 410146 402255 392565 392565 375005	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88995 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97720 0.98539 0.98539 0.98539 0.98539 0.98539 0.98539 0.98539 0.98539	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 887793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4108830 4025556 3615410 3213155 2820590	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66 e(x) 44.59 49.02 49.53 49.12 48.54 44.57 40.28 48.54	0.00419 0.00624 0.00624 0.00900 0.01013 0.01222 0.01519 0.02048 0.02654 0.03658 0.06727 0.16406 0.12627 0.16406 0.20800 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 40-44 0.062980 40-44 0.062980 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814	27985 16467 LEVEL= 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686 41373 33762 25286 16513 8633	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639	L(x) 89680 82470 80154 78873 375796 368092 357390 344588 330713 315180 2976502 251918 222647 187856 147619	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97995 0.97993 0.96418 0.95934 0.95303 0.94315 0.933016 0.933016 0.91109 0.88365 0.70788 0.60176	T(x) 4472443 4382762 4300293 420139 4141266 4063289 3679762 2935879 2233901 1903188 1290745 1014243 762325 533679 351842 204223 99727	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.08	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.02836 0.04052 0.05742 0.08395 0.08395	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.20988 0.47326 0.37680 0.47326 0.55672 1.00000 (1910) q(x) 0.10946 0.03214 0.01791 0.01085 0.2182 0.01659	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1 (x) 100000 89054 86192 84648 83645 82932 81122 79776	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1001 1346 1346	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 440146 402255 392565 37606 375087	0.97519 0.96255 0.95305 0.93465 0.93466 0.83985 0.85504 0.81295 0.75479 0.67094 0.48491 0.39589 0.40140 0.00000	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 95057 484610 310006 88793 38598 13793 3945 T(x) 4458582 4365697 427833 4192957 4108830 4025556 615410 3213155 2820590	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02654 0.03654 0.03654 0.09340 0.12627 0.14646 0.27327 0.14784 0.03276 0.011784 0.03276 0.011808 0.010957 0.010957
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 70-74 0.346949 75-79 0.476814 80+ 1.0000000 FEMALES 1910 AGE(x) q(x)	27985 16467 LEVEL= 1 (x) 10000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 657520 53081 47686 41373 33762 25286 16513 8639 LEVEL=	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 33011 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 276502 251918 222647 187836 147619 104496 62880 36846	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97995 0.97993 0.95418 0.95303 0.96418 0.93016 0.91109 0.83381 0.84365 0.70788 0.70788 0.60175 0.58597 0.00000	T(x) 4472443 4382762 4300293 4220139 4141266 4065289 3679767 3303972 2935879 2578489 2233901 11903108 1590678 762325 539679 351842 204223 99727 36846	6.77 4.75 44.72 51.81 53.10 53.14 52.84 52.84 44.34 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.17175 0.17175 0.04374 0.01371 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00881 0.01605 0.01605 0.02836 0.04052 0.02836 0.04052 0.02836 0.04052 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.12786 0.20988 0.28799 0.37680 0.47326 0.56606 0.47326 0.56672 1.000000 (1910) q(x) 0.10946 0.03214 0.01791 0.01185 0.02182 0.01659 0.03467 0.04875 0.05760 0.06351	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652	1637 2376 3296 3537 4039 4747 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1003 714 1810 1346 2766 4220 4385 4577	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 84127 83274 410146 402255 392565 376005 355878 334308 3311896	0.97519 0.96255 0.95305 0.94605 0.93385 0.91486 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.98539 0.97720 0.98539 0.99857 0.99856 0.99876 0.97591 0.95782 0.94647 0.93339 0.93393	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 887793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4108830 4025556 3615410 3213155 2820590 2444585 2088707 1754399	e(x) 44.57 40.68 44.59 44.59 44.59 44.59 49.02 49.64 44.57 40.28 36.63 33.37 30.26 27.14	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.20800 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037503 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.0000000 FEMALES 1910 AGE(X) Q(X) 0 0.130511	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686 41373 33762 25286 41373 33762 25286 41373 33762 25286 41373 416513 6639 LEVEL=	11518 16467 15.493 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080	L(x) 88680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 276502 251918 222647 187836 147619 104496 62880 36846	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97993 0.96418 0.95903 0.96418 0.95303 0.94315 0.933016 0.9109 0.88381 0.9109 0.84365 0.70788 0.60175 0.50050	T(x) 4472443 4382762 4300293 4200139 4200139 4201139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 1903188 1588008 1588008 158008 158008 158008 158008 1762325 539679 351842 204223 99727 36846	e(x) 44.72 51.81 53.10 55.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.04052 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44	0.02075 0.03075 0.03402 0.04491 0.05935 0.07416 0.09754 0.12467 0.15780 0.20988 0.47326 0.37680 0.47326 0.566472 1.00000 (1910) q(x) 0.10946 0.01214 0.01791 0.01185 0.00853 0.02182 0.01659 0.03467 0.04875 0.03467 0.04875	78897 77259 74884 71587 68050 64011 59264 45817 38961 30784 21918 13660 7195 100000 89054 86192 1078 81122 79776 77010 73256 69037 64652 66075	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1810 3714 1816 2766 3754 4220 4385 4577 4707	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 410146 402255 375005 375878 334308 311896 288763	0.97519 0.96255 0.95305 0.94605 0.93385 0.94606 0.88985 0.85504 0.81295 0.75479 0.67094 0.75479 0.40140 0.00000 P(x) 0.94058 0.98597 0.98505 0.98076 0.97591 0.95782 0.94647 0.93399 0.93296 0.92583	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 95057 484610 310006 88793 38598 13793 3945 T(x) 4458582 4365697 4278331 4192957 4108830 4025556 615410 3213155 2820590 27444585 2084707 1754399	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02654 0.03658 0.04683 0.06727 0.16406 0.02327 0.16406 0.02327 0.16406 0.020800 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.0000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763	27985 16467 LEVEL= (1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 74720 70236 61386 61386 51520 53081 47686 41373 33762 25286 16513 8639 LEVEL=	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 276502 251918 222647 18766 62880 36846	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98368 0.97995 0.97993 0.96418 0.95903 0.964315 0.95003 0.94315 0.95003 0.94315 0.95003 0.94315 0.95003 0.9109 0.88381 0.84365 0.78589 0.78589 0.78589 0.78589 0.78589 0.78589 0.900000	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 903188 1588008 12890745 1014243 762325 539679 2399127 36846	6.77 4.75 44.72 51.81 53.10 53.14 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00695 0.00765 0.00765 0.001801 0.01047 0.01301 0.01605 0.02142 0.02836 0.00472 0.02836 0.0471 0.015521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39	0.02075 0.03075 0.034072 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.20988 0.2799 0.37680 0.47326 0.56600 0.47326 0.56600 0.47326 0.05640 0.03214 0.01791 0.01085 0.02182 0.01659 0.03467 0.04875 0.03760 0.06351 0.07793	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1 (x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 4073 2044 1078 D(x) 10946 2862 1544 1001 1346 2766 3754 4220 4385 4577 4707 5285	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131795 24825 9828 3945 L(x) 92885 87366 85374 410146 402255 376505 375878 334308 311896 288763 363946	0.97519 0.96255 0.95305 0.94605 0.93486 0.88985 0.85504 0.81295 0.75479 0.67094 0.19498 0.48491 0.39589 0.40140 0.00000 P(x) 0.94058 0.97720 0.98539 0.98839 0.98850 0.97591 0.95782 0.95782 0.96447 0.93939 0.95782 0.94583	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4278331 4192957 220590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2830590 2444585 2830590 2444585 2830590 2444585 2830590 2444585 2830590 2444585 2830590 2444585	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66 e(x) 44.59 49.02 49.64 49.53 49.12 48.54 44.57 40.28 36.63 33.37 30.26 27.14 24.084	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.01613 0.02048 0.02654 0.03659 0.04683 0.06727 0.16406 0.27327 0.16406 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 70-74 0.346949 75-79 0.476814 80+ 1.0000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763 2 0.019531	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686 41373 33762 25286 16513 8639 LEVEL= 1 (x) 100000 86949	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 33616 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3051 3051 3051 3051 3051 3051	L(x) 89680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 276502 251918 222647 187836 147619 104496 62880 36846	0.70448 0.00000 P(x) 0.9159 0.97199 0.9864 0.97985 0.97985 0.97985 0.97093 0.96418 0.95303 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94315 0.94316 0.9	T(x) 4472443 4382762 4300293 4220139 4141266 4065289 3679767 3303972 2935879 2578489 2233901 1903188 1586008 1290745 762325 539679 36846 T(x) 4770714 4679459	6.77 4.75 44.72 51.81 53.10 53.14 52.36 48.54 44.34 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.04052 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.12465 0.47326 0.56606 0.47326 0.56606 0.65472 1.00000 (1910) q(x) 0.10946 0.03214 0.01791 0.01185 0.02182 0.01659 0.03467 0.04875 0.05467 0.04875 0.05760 0.06351 0.07079 0.07835 0.09545	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 82932 81122 79776 77010 73256 69037 64652 60075 55368	1637 2376 3296 3537 4039 4747 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1003 714 1810 1346 2754 4220 4385 4577 4707 5285 6196	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 885374 84127 83274 440146 402255 392265 376005 355878 334308 311896 288761 263944	0.97519 0.96255 0.94605 0.93385 0.944605 0.815295 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97539 0.98505 0.98750 0.97591 0.95782 0.94647 0.93939 0.93296 0.93296 0.92583 0.91406 0.885742	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1541410 310006 178216 88793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4108830 4025556 3615410 3213155 2820590 2444585 2098707 1754399 1442503 1153740 888794	e(x) 44.59 49.02 44.59 49.02 44.59 49.02 49.64 44.59 49.02 49.64 44.59 49.02 49.64 40.01 20.80	0.00419 0.00624 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02659 0.03659 0.04683 0.06727 0.16406 0.20800 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.0000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763	27985 16467 LEVEL= (1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 74720 70236 61386 61386 51520 53081 47686 41373 33762 25286 16513 8639 LEVEL=	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080	L(x) 88680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 276502 251918 222647 187836 147619 104496 62880 36846	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98368 0.97995 0.97993 0.96418 0.95903 0.964315 0.95003 0.94315 0.95003 0.94315 0.95003 0.94315 0.95003 0.9109 0.88381 0.84365 0.78589 0.78589 0.78589 0.78589 0.78589 0.78589 0.900000	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 1903188 1588008 1588008 158058 158	e(x) 44.72 51.81 53.10 55.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00695 0.00765 0.00765 0.001801 0.01047 0.01301 0.01605 0.02142 0.02836 0.00472 0.02836 0.0471 0.015521 0.23447	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54	0.02075 0.03075 0.034072 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.20988 0.2799 0.37680 0.47326 0.56600 0.47326 0.56600 0.47326 0.05640 0.03214 0.01791 0.01085 0.02182 0.01659 0.03467 0.04875 0.03760 0.06351 0.07793	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1 (x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 4073 2044 1078 D(x) 10946 2862 1544 1001 1346 2766 3754 4220 4385 4577 4707 5285	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131792 88423 51195 24825 9828 3945 L(x) 92885 87366 85374 410146 402255 32565 376005 355878 334308 311896 248763 263946 235346 243542 201788	0.97519 0.96255 0.95305 0.94605 0.93486 0.88985 0.85504 0.81295 0.75479 0.67094 0.19498 0.48491 0.39589 0.40140 0.00000 P(x) 0.94058 0.97720 0.98539 0.98839 0.98850 0.97591 0.95782 0.95782 0.96447 0.93939 0.95782 0.94583	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 699387 484610 310006 178216 89793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4278331 4192957 220590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2830590 2444585 2830590 2444585 2830590 2444585 2830590 2444585 2830590 2444585 2830590 2444585	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.01613 0.02048 0.02654 0.03659 0.04683 0.06727 0.16406 0.27327 0.16406 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037503 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.0000000 FEMALES 1910 AGE(X) Q(X) Q(X) 0 0.130511 1 0.041763 2 0.012873	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686 41373 33762 25286 41373 33762 25286 16513 6639 LEVEL= 1 (x) 100000 86949 83189	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3631 1631 1632	L(x) 89680 82470 80154 78873 77977 383522 375796 336792 357390 344588 330713 315180 297263 27502 251918 222647 18736 62800 36846	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97993 0.96418 0.95303 0.94315 0.933016 0.9109 0.88381 0.70788 0.70788 0.60175 0.70788 0.60175 0.7089 0.70989	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 903188 1588008 1290745 1014243 762325 539679 243205 36846 T(x) 4770714 4679459 4594652 4512197	6.77 4.75 44.72 51.81 53.10 53.14 52.84 45.36 48.54 44.34 42.37 36.71 33.05 29.42 25.87 22.48 13.04 4.34 4.34 4.34 4.34 4.34 4.34 4.34	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.04052 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69	0.02075 0.03075 0.03407 0.04402 0.04941 0.05935 0.16780 0.12465 0.12465 0.37680 0.474326 0.56606 0.655472 1.00000 (1910) q(x) 0.10946 0.03214 0.01195 0.00853 0.02182 0.01659 0.03467 0.04875 0.05760 0.06351 0.004875 0.05760 0.06351 0.07079 0.07835 0.097835	78897 77259 74884 71587 68050 64011 59264 45817 38961 30784 21918 13660 7195 100000 89054 86192 1078 81122 79776 77010 73256 69037 64652 66075 55368 50084 43887	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8259 6465 4073 2044 1078 D(x) 10946 2862 1544 1003 714 1810 3756 3754 4220 4385 4577 5285 6196 7214	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 9828 3945 L(x) 92885 87366 885374 84127 83274 440146 402255 392565 3758078 334308 311896 288761 263946 235342 201788 163716	0.97519 0.96255 0.95305 0.94605 0.93385 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97591 0.95782 0.967674 0.93939 0.93939 0.93296 0.92583 0.91406 0.85163 0.85163 0.85163 0.87542	3358631 2968233 2968233 2287521 2221067 1871817 1541410 1222859 950577 484610 310006 89793 38598 31598 31598 4458582 4365897 41028536 4025556 3615410 323155 2820590 2444585 2088707 1754399 1442503 1153740 889794 654452 452684	e(x) 44.59 49.02 49.64 40.07 44.59 49.02 49.64 44.57 40.28 33.37 30.26 27.14 24.01 20.84 17.77 14.91	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.20800 0.27327
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037503 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(X) Q(X) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023916 10-14 0.018655	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77608 75801 74517 72720 70236 67599 64686 61386 57520 53081 47686 41373 33762 25286 41373 33762 25286 16513 6639 LEVEL= 1 (x) 100000 86949 83188 81690 80639 79833	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3631 1627 796 1910 1052 796 1910	L(x) 88680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 22767 187836 147619 104496 62880 36846 L(x) 91256 84806 82455 81144 80225 394440 386032	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98866 0.97985 0.97993 0.96418 0.95303 0.94315 0.93316 0.84365 0.70788 0.00000 P(x) 0.92933 0.98293 0.98466 0.98334 0.97227 0.98466 0.98334 0.97868	T(x) 4472443 4382762 4300293 4220139 4220139 4220139 1679767 3303972 2935879 2578489 22339011 1903188 1588008 1588008 158008	e(x) 44.72 51.81 53.10 55.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.04052 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-56	0.02075 0.03075 0.03402 0.04401 0.05935 0.07416 0.09754 0.12467 0.15780 0.20988 0.47326 0.37680 0.47326 0.566472 1.00000 (1910) q(x) 0.10946 0.01214 0.01791 0.0185 0.00853 0.02182 0.01659 0.03467 0.04875 0.05760 0.05351 0.07079 0.07835 0.0545 0.107793 0.07835 0.09545 0.1256438 0.21800 0.37048	78897 77259 74884 71587 68050 64011 59264 45817 38961 30784 21918 13660 7195 100000 89054 86192 1078 81122 79776 77010 73256 69037 64652 60075 55368 50084 43887 36673 28727 20595	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 4073 2044 1078 10946 2862 1544 1003 714 1810 3754 4220 4385 4577 5285 6196 7214 7946 8132 7630	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131792 88423 51195 24825 3945 L(x) 92885 87366 85374 410146 402255 375005 355878 334308 311896 267946 235342 24074	0.97519 0.96255 0.95305 0.94605 0.93466 0.88985 0.85504 0.81295 0.75479 0.67094 0.39589 0.40140 0.00000 P(x) 0.94058 0.97520 0.98539 0.98567 0.98578 0.98768 0.97591 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 95057 484610 310006 88793 38598 38598 47833 3945 31579 4458582 4365697 4278331 4192957 4108830 4025556 2820590 2444585 2820590 2444585 2820590 1754399 1442503 115740 889794 456452 452664 288488 458684	42.97 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02654 0.03658 0.04683 0.06727 0.16469 0.27327 m(x) 0.11784 0.03276 0.01892 0.00857 0.00468 0.01186 0.01186 0.01186 0.01186 0.01186 0.01186 0.01186 0.01186 0.01857 0.00657 0.00857
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.01641 20-24 0.034155 25-29 0.037350 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023316 10-14 0.018655 15-19 0.023316	27985 16467 LEVEL= (1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 74720 70236 64586 641373 33762 25286 16513 86639 LEVEL= 1 (x) 100000 865949 83318 81690 80639 79843 77937	11518 16467 15.493 D(x) 15402 3607 1580 1034 7699 1806 1284 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3631 1627 1052 1796 1910 1910 1910 1910 1910 1910	L(x) 89680 82470 80154 78873 77977 383522 3758796 336713 315180 297263 27580 2251918 222647 187836 62880 36846 L(x) 91256 84806 82455 81144 80225 394440 386032 377589	P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97995 0.976418 0.95303 0.984315 0.93016 0.95303 0.94315 0.93016 0.1009 0.88381 0.84365 0.78589 0.78589 0.78589 0.00000	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 903188 1588008 12890745 1014243 762325 539679 23996184 204223 99727 36846 T(x) 4770714 4679459 4594652 4512197 4431053 4350829 3956388	6.77 4.75 44.72 51.81 53.10 53.14 52.84 45.36 48.54 44.34 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 4.36 4.26 47.71 53.82 55.15 55.24 47.71 55.25 47.71 47.71 55.25 47.71 55.25 47.71 55.25 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 47.71 55.26 55.2	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.001801 0.0147 0.01301 0.01605 0.02142 0.02836 0.0471 0.015521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE(x) 0 1 2 3 4 5-9 10-14 15-19 20-24 25-29 40-44 45-49 50-54 55-59	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.20988 0.47326 0.37680 0.47326 0.55672 1.00000 (1910) q(x) 0.10946 0.03214 0.01791 0.01855 0.03267 0.04875 0.03467 0.04875 0.056351 0.07035 0.02182 0.16639 0.07835 0.07835 0.12432 0.16438 0.21666 0.23309 0.37048 0.21779	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1 (x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 50084 43887 736673 28727 20595	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8269 6465 4073 2044 1078 10946 2862 1544 1001 1346 3754 4220 4385 4577 4707 5285 6196 7214 7946 8132 7648 8132 7648 8132	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 3945 L(x) 92885 97366 85374 410146 402255 372565 375878 334308 331896 248763 263764 2637605 275878 284878 284878 284878 284878 284878	0.97519 0.96255 0.95305 0.934605 0.93466 0.88985 0.85504 0.81595 0.75479 0.67094 0.19498 0.48491 0.39589 0.40140 0.90000 P(x) 0.94058 0.97720 0.98539 0.98539 0.98505 0.98647 0.95782 0.94647 0.93539 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 484610 310006 178216 89793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4278331 4192957 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 244585 244585 244585 244585 245864 288948 165464 288948 165464 288948 1656464 288948 1656464 288948	42.57 38.42 34.55 31.03 27.51 24.08 20.80 17.77 14.94 10.07 8.13 6.57 5.36 4.41 3.66 e(x) 44.59 49.02 49.64 49.53 49.12 48.54 44.57 40.28 36.63 33.37 30.26 27.14 24.01 20.84 17.77 14.91 12.34 10.06 8.04	0.00419 0.00624 0.00624 0.00900 0.01013 0.01222 0.01613 0.02048 0.02654 0.03658 0.04683 0.06727 0.16406 0.033658 0.04683 0.06727 0.16406 0.03376 0.01192 0.00857 0.00461 0.01932 0.00857 0.00466 0.01312 0.01657 0.00467 0.01658 0.01312 0.016598 0.02020 0.02633 0.03575 0.004853 0.03575
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132293 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023916 10-14 0.018655 15-19 0.025145 20-224 0.031968	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77608 75801 74517 72720 70236 67599 64686 61386 61386 61386 16513 8639 LEVEL= 1 (x) 100000 86949 83318 81690 80639 79843 77455	11518 16467 15.493 D(x) 15402 3607 1580 1806 1284 1797 2484 2637 2912 3301 33616 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3651 3652 7652 796 1910 1454 1921 1952 1952 1952 1952 1952 1952 1952	L(x) 89680 82470 80154 78873 77977 383522 375796 3368092 357390 344588 330713 315180 227263 276502 251918 222647 187836 62880 36846	P(x) 0.91959 0.91959 0.97192 0.98403 0.98864 0.99368 0.97995 0.97093 0.96418 0.95574 0.95574 0.95575 0.58597 0.00000 P(x) 0.92933 0.97257 0.58597 0.00000	T(x) 447243 4382762 4300293 4220139 4220139 42141266 4063289 3679767 2935879 2578489 1903188 1586008 1586008 1586008 1590745 1014243 762325 399727 36846 T(x) 4770714 4679459 4431053 4350829 3956388 3570357 3192763	e(x) 44.72 51.81 53.10 53.14 52.36 48.54 452.36 736.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00985 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.04052 0.05742 0.01395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.03407 0.04402 0.04941 0.05935 0.16780 0.20988 0.28798 0.37680 0.474326 0.56606 0.655472 1.00000 (1910) ((191	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 43887 36673 28727 20595 12965 6770	1637 2376 3296 3537 4039 4747 5781 6667 77856 8177 8865 8259 6465 4073 2044 1078 10946 2862 1544 1003 714 1346 2766 4220 4385 4220 4385 751 4797 5218 7214 7946 7214 7946 8132 7630 6195	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 3945 L(x) 92885 87366 85374 84127 83274 440146 402255 39256 376005 375878 334308 311896 288761 263946 235342 201788 163716 83499 483499 483499 483499 483499	0.97519 0.96255 0.95305 0.94605 0.93406 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97591 0.95782 0.99576 0.97591 0.95782 0.94647 0.93939 0.93939 0.93196 0.95782 0.94647 0.93939 0.93196 0.95833 0.91406 0.89163 0.91406 0.89163 0.97591 0.95782 0.94587 0.95888	3358631 2968233 2968233 22587521 2221067 1871817 1541410 1222859 950577 484610 310006 89793 38598 31598 31598 4458582 436587 4108836 4278331 4192957 4108836 4025556 3615410 323155 2820590 2444585 2088707 1754399 1442503 1153740 8898794 654452 452664 288948 165684 831864	e(x) 44.57 44.59 45.64 44.59 45.64 44.59 45.64 45.64 46.57 46.68	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.27327 m(x) 0.11784 0.03276 0.10930 0.01186 0.01192 0.00847 0.00461 0.00355 0.00705 0.009138 0.01262 0.02633 0.03575 0.04653
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037750 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(X) Q(X) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023196 10-14 0.018655 15-19 0.025145 20-24 0.031968 25-29 0.036117	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77608 78801 74517 72720 70236 61386 575920 53081 47686 41373 33762 25286 41373 33762 25281 8639 LEVEL= 1 (x) 100000 86949 83318 81690 80639 79843 76479 74556 72173	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3631 1627 796 1910 1923 2383 2383 2383 2383 2484 2697	L(x) 88680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 22767 187836 147619 104496 62880 36846 L(x) 91256 84806 82455 81144 80225 394440 386032 377589 366823 354348	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98868 0.97985 0.97993 0.96418 0.95933 0.94315 0.93316 0.84365 0.70788 0.00000 P(x) 0.92933 0.964868 0.9834 0.97227 0.98408 0.98381 0.97227 0.98408 0.99334 0.97227 0.98408 0.99334 0.97227 0.98408 0.99334 0.97868	T(x) 4472443 4382762 4300293 4220139 42211396 4063289 3679767 3303972 2935879 2578489 22339011 1903188 1588008 1588008 1589079 351842 204223 39727 36846 T(x) 4770714 4679459 4534652 4470714 4679459 4534652 4350829 3955388 3570357 3192767	e(x) 44.72 51.81 53.10 55.14 52.84 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.001801 0.0147 0.01301 0.01605 0.02142 0.02836 0.0471 0.015521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.03402 0.04402 0.04941 0.05935 0.07416 0.09754 0.12465 0.16780 0.20988 0.20988 0.47326 0.37680 0.47326 0.55672 1.00000 (1910) q(x) 0.10946 0.03214 0.01791 0.01855 0.03267 0.04875 0.03467 0.04875 0.056351 0.07035 0.02182 0.16639 0.07835 0.07835 0.12432 0.16438 0.21666 0.23309 0.37048 0.21779	78897 77259 74884 71587 68050 64011 59264 53484 46817 38961 30784 21918 13660 7195 3122 1078 1 (x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 50084 43887 736673 28727 20595	1637 2376 3296 3537 4039 4747 5781 6667 7856 8177 8865 8269 6465 4073 2044 1078 10946 2862 1544 1001 1346 3754 4220 4385 4577 4707 5285 6196 7214 7946 8132 7648 8132 7648 8132	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 3945 L(x) 92885 87366 85374 84127 83274 440146 402255 39256 376005 375878 334308 311896 288761 263946 235342 201788 163716 83499 483499 483499 483499 483499	0.97519 0.96255 0.95305 0.934605 0.93466 0.88985 0.85504 0.81595 0.75479 0.67094 0.19498 0.48491 0.39589 0.40140 0.90000 P(x) 0.94058 0.97720 0.98539 0.98539 0.98505 0.98647 0.95782 0.94647 0.93539 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.94647 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782 0.95782	3358631 2968233 2968233 2587521 2221067 1871817 1541410 1232859 950577 484610 310006 178216 89793 38598 13773 3945 T(x) 4458582 4365697 4278331 4192957 4278331 4192957 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 2820590 2444585 244585 24458 2458 2	e(x) 44.57 44.59 45.64 44.59 45.64 44.59 45.64 45.64 46.57 46.68	0.00419 0.00624 0.00624 0.00900 0.01013 0.01222 0.01613 0.02048 0.02654 0.03658 0.04683 0.06727 0.16406 0.033658 0.04683 0.06727 0.16406 0.03376 0.01192 0.00857 0.00461 0.01932 0.00857 0.00466 0.01312 0.01657 0.00467 0.01658 0.01312 0.016598 0.02020 0.02633 0.03575 0.004853 0.03575
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037550 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132293 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023916 10-14 0.018655 15-19 0.025145 20-224 0.031968	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77608 75801 74517 72720 70236 67599 64686 61386 61386 61386 16513 8639 LEVEL= 1 (x) 100000 86949 83318 81690 80639 79843 77455	11518 16467 15.493 D(x) 15402 3607 1580 1806 1284 1797 2484 2637 2912 3301 33616 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3651 3652 7652 796 1910 1454 1921 1952 1952 1952 1952 1952 1952 1952	L(x) 89680 82470 80154 78873 77977 383522 3758796 336713 315180 297263 27550 251918 222647 187836 62800 36846 L(x) 91256 84806 82455 81144 80225 394440 386032 377589 366823 354348	P(x) 0.91959 0.97192 0.98403 0.98864 0.99368 0.97995 0.97093 0.96418 0.95074 0.95074 0.95074 0.95075 0.58597 0.00000 P(x) 0.92933 0.9717 0.58597 0.00000	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 903188 1588008 12890745 1014243 762325 539679 2399027 36846	6.77 4.75 44.72 51.81 53.10 53.14 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 4.36 4.26 47.71 53.82 55.15 55.24 47.71 55.82 55.15 55.44 950.74 60.46 47.71 60.46 60.	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00685 0.00765 0.00881 0.01047 0.01301 0.01605 0.02142 0.02836 0.04052 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.03407 0.04402 0.04941 0.05935 0.16780 0.20988 0.28798 0.37680 0.474326 0.56606 0.655472 1.00000 (1910) ((191	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 43887 36673 28727 20595 12965 6770	1637 2376 3296 3537 4039 4747 5781 6667 77856 8177 8865 8259 6465 4073 2044 1078 10946 2862 1544 1003 714 1346 2766 4220 4385 4220 4385 751 4797 5218 7214 7946 7214 7946 8132 7630 6195	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 3945 L(x) 92885 87366 85374 84127 83274 440146 402255 39256 376005 375878 334308 311896 288761 263946 235342 201788 163716 83499 483499 483499 483499 483499	0.97519 0.96255 0.95305 0.94605 0.93406 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97591 0.95782 0.99576 0.97591 0.95782 0.94647 0.93939 0.93939 0.93196 0.95782 0.94647 0.93939 0.93196 0.95833 0.91406 0.89163 0.91406 0.89163 0.97591 0.95782 0.94587 0.95888	3358631 2968233 2968233 22587521 2221067 1871817 1541410 1222859 950577 484610 310006 89793 38598 31598 31598 4458582 436587 4108836 4278331 4192957 4108836 4025556 3615410 323155 2820590 2444585 2088707 1754399 1442503 1153740 8898794 654452 452664 288948 165684 831864	e(x) 44.57 44.59 45.64 44.59 45.64 44.59 45.64 45.64 46.57 46.68	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.27327 m(x) 0.11784 0.03276 0.10930 0.01186 0.01192 0.00847 0.00461 0.00355 0.00705 0.009138 0.01262 0.02633 0.03575 0.04653
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037750 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(X) Q(X) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023166 20-24 0.031968 25-29 0.036117 30-34 0.040922 35-39 0.045674	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77508 75801 74517 72720 70236 67599 64586 61386 57520 53081 47686 41373 33762 25286 41373 33762 25286 16513 6639 LEVEL= 1 (x) 100000 86949 83318 8639 79843 76479 74556 671273 69566 66712 63672	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3631 1627 796 1910 1454 1923 2383 2383 2383 2607 2847 3047	L(x) 88680 82470 80154 78873 77977 383522 375796 368092 357390 344588 330713 315180 297263 27506 2251918 222647 187836 147619 104496 62880 36846 L(x) 91256 84806 82455 81144 80225 394440 33632 377589 366823 354348 340714 325979 310285	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98866 0.97985 0.97993 0.96418 0.95303 0.94315 0.93301 0.94315 0.93016 0.9109 0.88381 0.60159 0.70788 0.60159 0.70788 0.60159 0.70788 0.60159 0.98498 0.70788 0.9109 0.98898 0.60159 0.98898 0.99893 0.97868 0.98334 0.97868 0.98334 0.97868 0.98555 0.95186 0.95575	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 2233901 1903188 1588008 1588008 158008 158008 158008 158008 158008 158008 158008 158008 158008 158008 158008 158008 158008 158008 158008 1580808 1580808 1580808 1580808	e(x) 44.72 51.81 53.10 55.14 52.84 52.84 52.36 48.54 44.34 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 10.42 8.08 6.04 4.26	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00655 0.00765 0.00836 0.04282 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.03407 0.04402 0.04941 0.05935 0.16780 0.20988 0.28798 0.37680 0.474326 0.56606 0.655472 1.00000 (1910) ((191	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 43887 36673 28727 20595 12965 6770	1637 2376 3296 3537 4039 4747 5781 6667 77856 8177 8865 8259 6465 4073 2044 1078 10946 2862 1544 1003 714 1346 2766 4220 4385 4220 4385 751 4797 5218 7214 7946 7214 7946 8132 7630 6195	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 3945 L(x) 92885 87366 85374 84127 83274 440146 402255 39256 376005 375878 334308 311896 288761 263946 235342 201788 163716 83499 483499 483499 483499 483499	0.97519 0.96255 0.95305 0.94605 0.93406 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97591 0.95782 0.99576 0.97591 0.95782 0.94647 0.93939 0.93939 0.93196 0.95782 0.94647 0.93939 0.93196 0.95833 0.91406 0.89163 0.91406 0.89163 0.97591 0.95782 0.94587 0.95888	3358631 2968233 2968233 22587521 2221067 1871817 1541410 1222859 950577 484610 310006 89793 38598 31598 31598 4458582 436587 4108836 4278331 4192957 4108836 4025556 3615410 323155 2820590 2444585 2088707 1754399 1442503 1153740 8898794 654452 452664 288948 165684 831864	e(x) 44.57 44.59 45.64 44.59 45.64 44.59 45.64 45.64 46.57 46.68	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.27327 m(x) 0.11784 0.03276 0.10930 0.01186 0.01192 0.00847 0.00461 0.00355 0.00705 0.009138 0.01262 0.02633 0.03575 0.04653
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(x) q(x) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023176 20-24 0.034155 25-29 0.03750 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(x) q(x) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023196 10-14 0.018655 15-19 0.025145 20-24 0.031968 25-29 0.036117 30-34 0.040922 35-39 0.045674 40-44 0.050732 45-49 0.058805	27985 16467 LEVEL= (1 (x) 100000 84598 80991 79411 78377 77608 75801 74517 72720 70236 64586 61386 51520 53081 47686 41373 33762 25286 16513 8639 LEVEL= (x) 100000 865949 83318 81690 80639 79843 77933 77933 77933 77933 77933	11518 16467 15.493 D(x) 15402 3607 1580 1034 7699 1806 1284 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7611 18476 8773 7611 18476 8793 12.080 D(x) 13051 1627 1052 1052 1052 1052 1052 1052 1052 1052	L(x) 89680 82470 80154 78873 77977 383522 375796 336792 357390 344588 330713 315180 297263 275502 251918 222647 187836 62880 36846 L(x) 91256 84806 82455 81144 80225 394440 354348 340714 325979 310285	P(x) 0.91959 0.97192 0.98403 0.98864 0.97985 0.97995 0.976418 0.95303 0.94315 0.93016 0.95303 0.94315 0.93016 0.95003 0.94315 0.95003 0.94315 0.93016 0.94301 0.94301 0.94301 0.94301 0.94301 0.94301 0.94301 0.94301 0.94301 0.94301 0.9501 0.9501 0.9501 0.9501 0.9501 0.9501 0.9501 0.9501 0.9501 0.9501 0.9501	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 1903188 1588008 1290745 1014243 762325 539679 351842 204223 39727 36846 T(x) 4770714 4679459 4594652	6.77 4.75 44.72 51.81 53.10 53.14 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 4.34 4.34 4.34 4.34 4.34 4.36 4.36 4.3	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00488 0.00695 0.00765 0.001801 0.0147 0.01301 0.01605 0.02142 0.02836 0.0471 0.01301 0.01605 0.02142 0.02836 0.04082 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.03407 0.04402 0.04941 0.05935 0.16780 0.20988 0.28798 0.37680 0.474326 0.56606 0.655472 1.00000 (1910) ((191	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 43887 36673 28727 20595 12965 6770	1637 2376 3296 3537 4039 4747 5781 6667 77856 8177 8865 8259 6465 4073 2044 1078 10946 2862 1544 1003 714 1346 2766 4220 4385 4220 4385 751 4797 5218 7214 7946 7214 7946 8132 7630 6195	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 3945 L(x) 92885 87366 85374 84127 83274 440146 402255 39256 376005 375878 334308 311896 288761 263946 235342 201788 163716 83499 483499 483499 483499 483499	0.97519 0.96255 0.95305 0.94605 0.93406 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97591 0.95782 0.99576 0.97591 0.95782 0.94647 0.93939 0.93939 0.93196 0.95782 0.94647 0.93939 0.93196 0.95833 0.91406 0.89163 0.91406 0.89163 0.97591 0.95782 0.94587 0.95888	3358631 2968233 2968233 22587521 2221067 1871817 1541410 1222859 950577 484610 310006 89793 38598 31598 31598 4458582 436587 4108836 4278331 4192957 4108836 4025556 3615410 323155 2820590 2444585 2088707 1754399 1442503 1153740 8898794 654452 452664 288948 165684 831864	e(x) 44.57 44.59 45.64 44.59 45.64 44.59 45.64 45.64 46.57 46.68	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.27327 m(x) 0.11784 0.03276 0.10930 0.01186 0.01192 0.00847 0.00461 0.00355 0.00705 0.009138 0.01262 0.02633 0.03575 0.04653
75-79 0.411567 80+ 1.000000 BLACK POPULATION MALES 1910 AGE(X) Q(X) 0 0.154024 1 0.042635 2 0.019505 3 0.013027 4 0.009810 5-9 0.023277 10-14 0.016942 15-19 0.024116 20-24 0.034155 25-29 0.037750 30-34 0.043084 35-39 0.051027 40-44 0.062980 45-49 0.077163 50-54 0.101641 55-59 0.132393 60-64 0.183957 65-69 0.251057 70-74 0.346949 75-79 0.476814 80+ 1.000000 FEMALES 1910 AGE(X) Q(X) 0 0.130511 1 0.041763 2 0.019531 3 0.012874 4 0.009870 5-9 0.023166 20-24 0.031968 25-29 0.036117 30-34 0.040922 35-39 0.045674	27985 16467 LEVEL= 1 (x) 100000 84598 80991 79411 79877 77508 75801 74517 72720 70236 67599 64586 61386 57520 53081 47686 41373 33762 25286 41373 33762 25286 16513 6639 LEVEL= 1 (x) 100000 86949 83318 8639 79843 76479 74556 671273 69566 66712 63672	11518 16467 15.493 D(x) 15402 3607 1580 1034 769 1806 1284 1797 2484 2637 2912 3301 3866 4438 5395 6313 7611 8476 8773 7874 8639 12.080 D(x) 13051 3631 1627 796 1910 1454 1923 2383 2383 2383 2607 2847 3047	L(x) 89680 82470 80154 78873 77977 383522 375796 336792 357390 344588 330713 315180 297263 275502 251918 222647 187836 62880 36846 L(x) 91256 84806 82455 81144 80225 394440 354348 340714 325979 310285	0.70448 0.00000 P(x) 0.91959 0.97192 0.98403 0.98866 0.97985 0.97993 0.96418 0.95303 0.94315 0.93301 0.94315 0.93016 0.9109 0.88381 0.60159 0.70788 0.60159 0.70788 0.60159 0.70788 0.60159 0.98498 0.70788 0.9109 0.98898 0.60159 0.98898 0.99893 0.97868 0.98334 0.97868 0.98334 0.97868 0.98555 0.95186 0.95575	T(x) 4472443 4382762 4300293 4220139 4141266 4063289 3679767 3303972 2935879 2578489 22339011 1903188 1588008 1290745 1014243 762325 539679 351842 204223 39727 36846 T(x) 4770714 4679459 4594652	6.77 4.75 44.72 51.81 53.10 53.14 52.84 40.37 36.71 33.05 29.42 25.87 22.44 19.11 15.99 13.04 4.34 4.34 4.34 4.34 4.34 4.36 4.36 4.3	m(x) 0.10364 0.21034 m(x) 0.17175 0.04374 0.01971 0.01312 0.00986 0.00471 0.00342 0.00655 0.00765 0.00836 0.04282 0.05742 0.08395 0.12521 0.23447	10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 85+ FEMALES AGE (x) 1 2 3 4 5-9 10-14 15-19 20-24 25-29 30-34 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84	0.02075 0.03075 0.03407 0.04402 0.04941 0.05935 0.16780 0.20988 0.28798 0.37680 0.474326 0.56606 0.655472 1.00000 (1910) ((191	78897 77289 74884 71587 68050 64011 59264 46817 38961 30784 21918 13660 7195 3122 1078 1(x) 100000 89054 86192 84648 83645 82932 81122 79776 77010 73256 69037 64652 60075 55368 43887 36673 28727 20595 12965 6770	1637 2376 3296 3537 4039 4747 5781 6667 77856 8177 8865 8259 6465 4073 2044 1078 10946 2862 1544 1003 714 1346 2766 4220 4385 4220 4385 751 4797 5218 7214 7946 7214 7946 8132 7630 6195	390398 380712 366454 349250 330407 308551 282282 251190 214777 174604 131790 88423 51195 24825 3945 L(x) 92885 87366 85374 84127 83274 440146 402255 39256 376005 375878 334308 311896 288761 263946 235342 201788 163716 83499 483499 483499 483499 483499	0.97519 0.96255 0.95305 0.94605 0.93406 0.88985 0.85504 0.81295 0.75479 0.67094 0.57898 0.40140 0.00000 P(x) 0.94058 0.97591 0.95782 0.99576 0.97591 0.95782 0.94647 0.93939 0.93939 0.93196 0.95782 0.94647 0.93939 0.93196 0.95833 0.91406 0.89163 0.91406 0.89163 0.97591 0.95782 0.94587 0.95888	3358631 2968233 2968233 22587521 2221067 1871817 1541410 1222859 950577 484610 310006 89793 38598 31598 31598 4458582 436587 4108836 4278331 4192957 4108836 4025556 3615410 323155 2820590 2444585 2088707 1754399 1442503 1153740 8898794 654452 452664 288948 165684 831864	e(x) 44.57 44.59 45.64 44.59 45.64 44.59 45.64 45.64 46.57 46.68	0.00419 0.00624 0.00624 0.00900 0.01013 0.01229 0.02048 0.02648 0.02659 0.04683 0.06727 0.16406 0.27327 m(x) 0.11784 0.03276 0.10930 0.01186 0.01192 0.00847 0.00461 0.00355 0.00705 0.009138 0.01262 0.02633 0.03575 0.04653

BOTH SE	XES (1910)							
AGE(x)	q(x)	1(x)	D(x)	L(x)	P(x)	T(x)	e(x)	m(x)
0	0.11852	100000	11852	92178	0.93804	4317190	43.17	0.12857
1	0.03234	88148	2851	86466	0.97690	4225012	47.93	0.03297
2	0.01832	85298	1563	84469	0.98494	4138546	48.52	0.01850
3	0.01234	83734	1033	83197	0.98936	4054077	48.42	0.01242
4	0.00905	82701	748	82312	0.98367	3970879	48.01	0.00909
5-9	0.02404	81953	1970	404837	0.97860	3888568	47.45	0.00487
10-14	0.01869	79982	1495	396173	0.97437	3483731	43.56	0.00377
15-19	0.03269	78487	2566	386021	0.96059	3087557	39.34	0.00665
20-24	0.04636	75921	3520	370806	0.95018	2701537	35.58	0.00949
25-29	0.05345	72401	3870	352332	0.94269	2330730	32.19	0.01098
30-34	0.06139	68531	4207	332138	0.93323	1978398	28.87	0.01267
35-39	0.07251	64324	4664	309960	0.91998	1646260	25.59	0.01505
40-44	0.08811	59660	5257	285158	0.90137	1336300	22.40	0.01843
45-49	0.11015	54403	5993	257034	0.87318	1051142	19.32	0.02331
50-54	0.14555	48410	7046	224436	0.83566	794109	16.40	0.03140
55-59	0.18633	41364	7707	187552	0.78507	569672	13.77	0.04109
60-64	0.25008	33657	8417	147241	0.71791	382121	11.35	0.05716
65-69	0.32477	25240	8197	105707	0.63980	234879	9.31	0.07755
70-74	0.41267	17043	7033	67631	0.55121	129173	7.58	0.10399
75-79	0.51029	10010	5108	37279	0.45581	61542	6.15	0.13702
80-84	0.61341	4902	3007	16992	0.42789	24263	4.95	0.17695
85+	1.00000	1895	1895	7271	0.00000	7271	3.84	0.26063

APPENDIX B

The data and formulas used to calculate the life tables in appendix A are as follows:

- 1. Central death rates (used to calculate the life tables 1850-1900 based on published census death data) $({}_{5}M_{5}, {}_{5}M_{10}, {}_{5}M_{15})$: ${}_{n}M_{x} = ({}_{n}D_{x} / {}_{n}P_{x})$, where ${}_{n}M_{x}$ is the central death rate over the age interval x to x + n, ${}_{n}D_{x}$ is deaths for the same age interval, and ${}_{n}P_{x}$ is average person years lived in the interval, approximated by the midperiod population for the age interval. Census populations were interpolated backward six months to be at the middle of the year prior to the census (1 December), which is the reference period for census deaths.
 - 2. Probability of dying between exact age x and exact age x + n:
- $_{n}q_{x}=(2*n*_{n}M_{x})/(2+n*_{n}M_{x})$, where n is the size of the age interval in vears.
 - 3. Persons remaining alive out of 100,000: $l_r = l_{x-n} * (1 {}_n q_x)$.
 - 4. The radix of the life table: $l_0 = 100,000$.
 - 5. Deaths in the age interval x to x + n: $D_x = l_x l_{x-n}$.
- 6. Person years lived in the age interval: $L_x = n^*(f_1^*l_x + f_2^*l_{x-n})$, where $f_1 = f_2 = .5$ and $f_1 + f_2 = 1.0$, except for the age intervals below age 5. In that case,

age(x)	J_1	J_2	
0	.33	.67	for males
0	.35	.65	for females
1	.41	.59	
2	.47	.53	
3,4		.52	
7. Px :	$= (L_x / L_y)$,).	
8 T =	$= \sum_{i=x}^{\infty} \hat{I}$	 Tr	
9. T _m =	= e_/l _x .	•	
10. $e_x =$	TJl_{x}		
11. e ==	= 3.725 +	0000625	5* <i>l</i> ຼຸ.
12. $m(x)$) = D/L	y•	

NOTES

Michael R. Haines is the Banfi Vintners Distinguished Professor of Economics at Colgate University and Research Associate, National Bureau of Economic Research. The author wishes to thank Samuel H. Preston for his help and advice on this project. This research was supported, in part, by a grant from the National Institute for Aging (AG-10120). For more information, contact Michael R. Haines, Department of Economics, Colgate University, 13 Oak Drive, Hamilton, NY 13346. E-mail: mhaines@

- 1. The DRA of 1900 included Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Indiana, Michigan, and the District of Columbia.
- 2. For a critique of the Jacobson life table and its representativeness, see Vinovskis (1978). For a discussion of mortality in nineteenth-century Massachusetts in general, see Vinovskis (1981, chap.2), and Gutman (1956).

- 3. The term abridged life table refers to a life table using grouped ages rather than single years of age.
- 4. The fit of the census-based indirect estimates of child mortality for the ten states of the DRA and the District of Columbia is quite close to the Glover (1921) table for whites for 1900-1902. The estimates are less reliable for the black population because the number of black women of relevant ages in the 1900 PUMS is small. See Preston and Haines (1991, chap. 2).
- 5. Table 2 presents the infant mortality rate $({}_{1}q_{0})$, the expectations of life at ages 0 (e_{0}) and 10 (e_{10}) , survivorship to age 5 (l_{5}) , which is survivors to age 5 out of 100,000 births), and the probability of dying between ages 20 and 60 $(_{40}q_{20})$, which is roughly the span of working life.
- 6. The data on children ever born and children surviving from the 1900 and 1910 censuses are not differentiated by sex. Life tables for males and females separately were found by locating the life table value for the expectation of life at birth (e_0) in the model life table system for the life table for both sexes combined and then looking up the corresponding life tables for males and females. Male and female life tables were combined to get the joint-sex life tables by assuming a sex ratio at birth of 105 males per 100 females to combine the l_r column (from which the rest of the life table can be derived).
- 7. The goodness-of-fit was evaluated using the program COMPAR in the package MortPak-Lite from the United Nations. See Haines and Preston
- 8. For an analysis of the Meech life table for 1830-60, see Haines and Avery (1980).

REFERENCES

- Abbott, S. W. 1898. A Massachusetts life table for the five years 1893-97. Thirtieth Annual Report: 1895, 810-27. Boston: Massachusetts State
- Billings, J. S. 1886. U.S. Bureau of the Census. U.S. Census of Population: 1880. Vol. 10, Part 2. Report on the mortality and vital statistics of the United States as returned at the tenth census (1 June 1880). Washington, D.C.: GPO.
- Brass, W. 1975. Methods for estimating fertility and mortality from limited and defective data. Chapel Hill, N.C.: Carolina Population Center.
- Coale, A. J., and P. Demeny. 1966. Regional model life tables and stable populations. Princeton: Princeton University Press.
- . With B. Vaughan. 1983. Regional model life tables and stable populations. 2d ed. New York: Academic Press.
- Coale, A. J., and M. Zelnik. 1963. New estimates of fertility and population in the United States: A study of annual white births from 1855 to 1960 and of completeness of enumeration in the censuses from 1880 to 1960. Princeton: Princeton University Press.
- Condran, G. A. 1984. An evaluation of estimates of undernumeration in the census and the age pattern of mortality, Philadelphia, 1880. Demography 21 (1): 53-69.
- Condran, G. A., and R. A. Cheney. 1982. Mortality trends in Philadelphia: Age- and cause-specific death rates, 1870-1930. Demography 19 (1): 97-123.
- Condran, G. A., and E. Crimmins. 1980. Mortality differentials between rural and urban areas of states in the northeastern United States, 1890-1900. Journal of Historical Geography 6 (2): 179-202.
- Easterlin, R. A. 1977. Population issues in American economic history: A survey and critique. In Recent developments in the study of business and economic history: Essays in honor of Herman E. Krooss, edited by R. Gallman, 131-58. Greenwich, Conn.: JAI Press.
- Elliot, E. B. 1857. On the law of human mortality that appears to obtain in Massachusetts, with tables of practical value produced therefrom. Proceedings of the American Association for the Advancement of Science, 11th Meeting (1857). Part A, 51-81.
- Ewbank, D. 1987. History of black mortality and health before 1940. Milbank Memorial Fund Quarterly 65 (Supplement 1): 100-128.
- Fogel, R. W. 1986. Nutrition and the decline in mortality since 1700: Some preliminary findings. In Long-term factors in American economic growth, edited by S. L. Engerman and R. E. Gallman, 439-555. Chicago: University of Chicago Press.
- 1993. New sources and new techniques for the study of secular trends in nutritional status, health, mortality, and the process of aging. Historical Methods 26 (1): 5-43.
- Forster, C. and G. S. L. Tucker. 1972. Economic opportunity and white

- American fertility ratios, 1800-1860. New Haven: Yale University Press.
- Glover, J. W. 1921. United States life tables, 1890, 1901, 1910, and 1901-1910. Washington, D.C.: GPO.
- Gutman, R. 1956. The accuracy of vital statistics in Massachusetts, 1842–1901. Ph.D. diss., Columbia University.
- Haines, M. R. 1977. Mortality in nineteenth-century America: Estimates from New York and Pennsylvania census data, 1865 and 1900. *Demography* 14 (3): 311-31.
- United States in the late nineteenth century. *Demography* 16 (2): 289-312.
- "antebellum puzzle" from Union Army recruits for New York State and the United States. In *The biological standard of living in comparative perspective*, edited by J. Komlos and J. Baten. Stuttgart: Franz Steiner Verlag
- Haines, M. R., and R. C. Avery. 1980. The American life table of 1830-1860: An evaluation. *Journal of Interdisciplinary History* 11(1): 73-95.
- Haines, M. R., and S. H. Preston. 1997. The use of the census to estimate childhood mortality: Comparisons from the 1900 and 1910 United States census public use samples. *Historical Methods* 30 (2): 77-96.
- Higgs, R. 1973. Mortality in rural America. Explorations in Économic History 10(2): 177-95.
- Jacobson, P. H. 1957. An estimate of the expectation of life in the United States in 1850. Milbank Memorial Fund Quarterly 35 (2): 197-201.
- Jaffe, A. J., and W. L. Lourie Jr. 1942. An abridged life table for the white population of the United States in 1830. *Human Biology* 14 (2): 352-71.

 Kennedy, J. C. G. 1853. *Report of the superintendent of the carryin for the superintendent of the carryin for the superintendent of the carryin for the superintendent.*
- Kennedy, J. C. G. 1853. Report of the superintendent of the census for December 1, 1852, 474-79. Washington, D.C.: R. Armstrong.
- Komlos, J. 1987. The height and weight of West Point cadets: Dietary change in antebellum America. *Journal of Economic History* 47 (4): 897-927.
- ed. 1994. Stature, living standards, and economic development:
 Essays in anthropometric history. Chicago: University of Chicago Press.
 1996. Anomalies in economic history: Toward a resolution of the
- "antebellum puzzle." Journal of Economic History 56 (1): 202-14. Kuznets, S. 1958. Long swings in the growth of population and in related economic variables. Proceedings of the American Philosophical Society 102: 25-52.
- Meech, L. S. 1898. System and tables of life insurance. Rev. ed. New York: Spectator Co.

- Meeker, E. 1972. The improving health of the United States, 1850-1915. Explorations in Economic History 9 (4): 353-73.
- Pope, C. L. 1992. Adult mortality in America before 1900: A view from family histories. In Strategic factors in nineteenth-century-American economic history: A volume to honor Robert W. Fogel, edited by C. Goldin and H. Rockoff, 267-96. Chicago: University of Chicago Press.
- Preston, S. H., and M. R. Haines. 1991. Fatal years: Child mortality in late nineteenth-century America. Princeton: Princeton University Press.
- Preston, S. H., and A. Palloni. 1978. Fine-tuning Brass-type mortality estimates with data on ages of surviving children. *Population Bulletin of the United Nations*, No. 10-1977, 72-91. New York: United Nations.
- Rosenwaike, I. 1972. Population history of New York City. Syracuse, N.Y.: Syracuse University Press.
- Schapiro, M. O. 1986. Filling up America: An economic-demographic model of population growth and distribution in the nineteenth-century United States. Greenwich, Conn.: JAI Press.
- Steckel, R. H. 1992. Stature and living standards in the United States. In Economic growth and standards of living before the Civil War, edited by R. E. Gallman and J. J. Wallis, 265-308. Chicago: University of Chicago Press.
- ——. 1995. Stature and the standard of living. Journal of Economic Literature 33 (Dec.): 1903–40.
- Taeuber, C., and I. B. Taeuber. 1958. The changing population of the United States. New York: Wiley.
- Thompson, W. S., and P. K. Whelpton. 1933. Population trends in the United States. New York: McGraw-Hill.
- United Nations. 1982. Model life tables for developing countries. Population Studies. No. 77. ST/ESA/Ser.A/77. New York: United Nations.
- ——. 1983. Indirect techniques for demographic estimation. Manual X. New York: United Nations.
- Vinovskis, M. A. 1972. Mortality rates and trends in Massachusetts before 1860. *Journal of Economic History* 32 (1): 184–213.
- 1978. The Jacobson life table of 1850: A critical re-examination from a Massachusetts perspective. *Journal of Interdisciplinary History* 8 (4): 703-24.
- ------. 1981. Fertility in Massachusetts from the Revolution to the Civil War. New York: Academic Press.
- Yasuba, Y. 1962. Birth rates of the white population of the United States, 1800-1860: An economic analysis. Baltimore: Johns Hopkins University Press.
- Zelnik, M. 1969. Age patterns of mortality of American Negroes: 1900–02 to 1959–61. Journal of the American Statistical Association 64 (June): 433–51.

			logica Tox		14 leites Dies for Grandelen Date Se	444
Achielan Title	(6 Papilipater Harrison E Plany De	- Rieb	ortrel		Name r 1980	
HISTORICAL METHODS	2 1 2 3 3 6 9 99	-		Entert and Stetute of Constitution	Average He. Septer Seat Serve Seeing Proceeding 13 Marries	Arthur He. Explose of Stephe to Published Steerest to Piling Ste
tous Property	Institu	ECONE: PPI		the product and	103	723
Opat Fd F LV 1 Compton Making Address of House Office of Publisher Pair (individual free for	400 s. Paul or		(i) Sales Thomas Deploys and Corners, Street Version, and District Street Part realist)	. 0	•
1319 Righteenth Street, Mr. Monhington	Shipping .	96-4267		II) Part or Responsed that Descriptions (restain amountment proof eather and antifering content)	563	517
		o Total Pi (State		Inquaring Circulation and (Migl)	563	117
1) I transport from W. bestington	DC 20036-1803	* Prop D	-	y ligh paring parintper trans	31	31
Malaja Signa padaanajah maliyation) Malaja Derjaht Baid Educational Touadati		+ Per D	-	Dutante de Mai (Carrett er amor maare)		
1319 Eighteenth Street. Mr. Veshinston		C Take Po	and Construct	lan jihan ai tila pari 16ay	31	31
Charles Wothersti	tweretab CA 92571=0204	£ 744 D	-	Rum of File and 180	394	344
Palvaraity of Cailfornia, Liveraida, &		* 9==		l) Criss Use, collement, System		in
Barbara 7. Kabn 1519 Kimbrosonth Street. Mr. Maghington	DC 10034-1402			2) Returns Nove Homes Agents.		
The same of the parties of the parti			16g.	april me cause	683	725
Miles	Compine Militing Spillings	7 (da / da	That angles I	Separate Circulation	683 948	725 841
Miles	Complete Matting Spillings	1,05 20036-1200 TE PARTIE TO THE PARTIE TO T	ne	magnetic Condition proper of Description of the Paul 1 1998 The Condition of The Paul 1 1998 The Conditio	SAS MADE OF THE EXPENSE.	Date Occuber i, 1998
halimm Meige Deight Reid Educational Foundati	ou 1310 Flablementh &c . We Weshington	1 Annual Park	Nin	Amenings Circulation Amening of Dissessing Latest SM to prices on the Paul I LOSE To Rither Publishing Amening Interrupts or Desert	SAS MADE OF THE EXPENSE.	Date Occuber i, 1998
Heige Peight Reid Rougelistel, Foundati Heige Peight Reid Rougelistel, Foundati The Communication of the Communica	ou 1310 Flablementh &c . We Weshington	1, 25 20219—1802) II Avades II Avad	Production of the control of the con	The many Consider the Consideration the Co	SAS more of the publishme. Deputy Districtor should be shown who furnished hide or more deputy districting from and or mile on an absence Occupies to Koop a.	Date Occuber 1, 1998 Occuber 1, 1998 Occuber 1, 1998 Occupant of the lambor Stage of the completed form for
Ne imme Helan Delahi Reid Rosenlandi, Foundali Foundali Town formations. Newspapes and O're Goods believe O're Regards forms double formation in the control believe	Company Matter Softyn	1,25 20016-1800 I Publish II Publ	Produce of State of S	The manufact Circulation and of Discourage and of Discourage and a Discourage and and preference and a Discourage and a Discourage and and preference and a Discourage a	SAS more of the publishme. Deputy Districtor should be shown who furnished hide or more deputy districting from and or mile on an absence Occupies to Koop a.	Date Occuber 1, 1998 Occuber 1, 1998 Occuber 1, 1998 Occupant of the lambor Stage of the completed form for
Heige Peight Reid Rougelistel, Foundati Heige Peight Reid Rougelistel, Foundati The Communication of the Communica	Company Matter Softyn	1,05,2036-1827 1	Produced Transport of State of	The part of Condition and of Condition and of Condition and of Condition The	943 Deput y Director Deput y Director Deput y Director Directo	Diese Occupant 1, 1998 Occupant 1, 1998 Occupant of the season of the person of the pe
Heige Peight Reid Rougelistel, Foundati Heige Peight Reid Rougelistel, Foundati The Communication of the Communica	Company Matter Softyn	1,05,2036-1827 1	Produced Transport of State of	The part of Condition and of Condition and of Condition and of Condition The	943 Deput y Director Deput y Director Deput y Director Directo	Diese Occupant 1, 1998 Occupant 1, 1998 Occupant of the season of the person of the pe
Meises Periodi Brid Meses Mariel Provinced Communication of the Communic	Section library to the section of the sec	100 100	The ambier of the second of th	Internative Condition From all Condition The Part of the Section of the Part	943 Shaped y Distriction Bighed y Distriction Bighed y Distriction Birth State Control to the control to th	Diese Occupant 1, 1998 Occupant 1, 1998 Occupant of the season of the person of the pe
Mellen Periodi Brid Meser Milital Provided Meser Periodi Brid Meser Mes	Section library to the section of the sec	100 100	Proof and to 1 to	A LONG TO THE PARTY OF THE PART	843 Street or The Additional Telephony Districts or Management Telephony Districts or Management Telephony Telephon	Diese Occupant 1, 1998 Occupant 1, 1998 Occupant of the season of the person of the pe
Heige Peight Reid Rougelistel, Foundati Heige Peight Reid Rougelistel, Foundati The Communication of the Communica	Section limits to the section of the	100 100	Proof and to 1 to	The second of th	843 Street or The Additional Telephony Districts or Management Telephony Districts or Management Telephony Telephon	Diese Occupant 1, 1998 Occupant 1, 1998 Occupant of the season of the person of the pe