

The Implications of Differential Trends in Mortality for Social Security Policy

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The Implications of Differential Trends in Mortality for Social Security Policy

Abstract

While increased life expectancy in the U.S. has been used as justification for raising the Social Security retirement ages, independent researchers have reported that life expectancy declined in recent decades for white women with less than a high school education. However, there has been a dramatic rise in educational attainment in the U.S. over the 20th century suggesting a more adversely selected population with low levels of education. Using data from the National Vital Statistics System and the U.S. Census from 1990-2010, we examine the robustness of earlier findings to several modifications in the assumptions and methodology employed. We categorize education in terms of relative rank in the overall distribution, rather than by credentials or years of education, and estimate trends in mortality for the bottom quartile. We also consider race and gender specific changes in the distribution of life expectancy. We found no evidence that survival probabilities declined for the bottom quartile of educational attainment. Nor did distributional analyses find any subgroup experienced absolute declines in survival probabilities. We conclude that recent dramatic and highly publicized estimates of worsening mortality rates among non-Hispanic whites who did not graduate from high school are highly sensitive to alternative approaches to asking the fundamental questions implied. However, it does appear that low SES groups are not sharing equally in improving mortality conditions, which raises concerns about the differential impacts of policies that would raise retirement ages uniformly in response to average increases in life expectancy.

Citation

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More dramatically, in a highly publicized paper (e.g., the paper was featured on the front page of the New York Times), Olshansky et al.(2012) use U.S. vital statistics and census data to estimate changes in life expectancy by race and education. Their dramatic finding was that between 1990 and 2008 the life expectancy among white men with less than a high school education fell by more than four years, while that for comparably educated white women fell by more than five years. While it is not hard to understand reasons why higher income, better educated individuals might disproportionately gain from medical advances (Goldman and Lakdawalla 2005), significant drops in life expectancy are surprising and largely unprecedented in developed countries outside of periods of large-scale wars. A number of authors have argued that the increased prevalence of such chronic diseases as diabetes foreshadows a drop in life expectancy in the U.S. and other developed countries, and the rise in the prevalence of diabetes has been concentrated amongst the less well educated, but until Olshansky and colleagues published their paper, few imagined that dramatic declines had already occurred in subsets of the U.S. population. We believe that there are a number of reasons to question the validity of Olshansky et al.'s conclusions. As the authors note, life table estimates for the elderly tend to be unreliable, and they use procedures that are both reasonable and standard to estimate age specific mortality rates for the 85+ population. However, if their conclusion is sensitive to those methods, we should question the robustness of their conclusion and exercise caution in making policy based on it. More fundamentally, we know that educational attainment rose dramatically in the U.S. over the 20th century, with high school graduation rates rising from less than 10% in 1900 to close to 80% by 1970. As a result, between 1990 and 2008 the population of high school dropouts at high risk of dying would have become substantially more selective, making comparisons of life expectancy over time within this group problematic.

Data and Methods

In this paper we examine the robustness of the Olshansky group's conclusions to several modifications in their assumptions and methodology. Following Olshansky et al., we used data from the Multiple Cause of Death public use files, which contain individual level information on decedents in the United States, including cause(s) of death, age, sex, race, ethnicity, educational attainment, and marital status. To estimate the population at risk of death using the same covariates, we use data for U.S. residents collected by the U.S. Census Bureau (Ruggles et al., 2010). From 1940 to 2000, information on age, race, and educational attainment comes from the long-form of the decennial census. In 2010, after the decennial long-form was discontinued, this information is obtained from a three-year (2009-2011) pooled sample of the American Community Survey which samples approximately one percent of the U.S. population every year. We examine three potential explanations for the findings of Olshansky et al.

<u>1. Focus on the Population Aged 25-84.</u> Our first analysis is on the sensitivity of Olshansky's finding to the standard methods for dealing with poor data quality among the very old. In particular, if age misreporting occurs more frequently in populations with low levels of education than in those with higher levels, mortality comparisons that include these ages will be compromised. Olshansky et al. employ complicated, yet fairly standard, methods to correct for

this problem at ages 85-110 (Coale and Kisker, 1990). However, if total remaining life expectancy for high school drop outs at age 25 has truly fallen, it is most likely because mortality rates for this group have increased between ages 25 and 84, rather than at older ages. First, life expectancy is disproportionality affected by mortality rates at younger ages, and second, socioeconomic differentials in mortality rates tend to narrow with age. Thus, focusing our attention on mortality between 25 and 84 can be viewed as a check on the robustness of the Olshansky group's findings using the entire age range.

Using standard methods, we calculated race, sex, education, and age-specific mortality rates by five year age groups for non-Hispanic whites (hereafter, white) and non-Hispanic Blacks (hereafter, black) in 1990, 2000, and 2010. We combined these rates to produce two types of aggregate measures. First, using the sex-specific age distributions of the combined white and black populations, we constructed age-and-race-standardized mortality rates by sex and education. Consistent with Olashansky et al., we categorized educational attainment into four broad groups, those without a high school diploma, those with a high school diploma, but not college, those with some college, and those with a four-year college degree. Comparing these standardized rates over time reflects only changes in age-and-race-specific mortality rates and not the distributions of age and race. Second, using the age-race-sex-education specific death rates, we constructed period life table survival rates for ages 30 to 85 conditional on survival to age 25 (Chiang, 1984).

While education has been imputed in census data, the same is not true in vital statistics data. Depending on the year, between two and 18 percent of death certificates do not report a level of education, and must be imputed. There are two sources of missing education data in these records. First, in two of the years examined, several states (seven in 1990 and three in 2000) reported no education information on the death certificate. Second, in every other state, a small share of death certificates had missing information. In the states where only some data were missing, we used the distribution of educational attainment in non-missing cases, by age, sex, and race, to impute education to the missing cases, assuming that education was missing randomly. To deal with missing states, we calculated mortality rates using the population data

only from states that reported education on the death certificate. To check the sensitivity of our results to this procedure, we calculated age-sex-race specific mortality rates for 2000 in two ways: first using the 43 states and the District of Columbia that had data available in 1990, and then using the 47 states and D.C. that had data available in 2000. Applying these two sets of mortality rates to the national population in 2000 resulted in minimal differences in the standardized mortality rates and survival probabilities.

<u>2. Categorizing Education by Rank</u>. As shown in Figure 1, according to census data, the fraction of persons reaching age 25 who had completed the 12th grade changed dramatically over the 20th century.¹ This raises the possibility that the apparent drop in the life expectancy of high school dropouts is a result of an increasingly narrow and selective nature of dropouts. To assess this possibility, we instead categorize education in terms of relative ranks in the overall distribution, rather than by credentials or years of education. Using census data, we estimated the 25th percentile of educational attainment for each birth cohort by race and sex, which is shown in Figure 2. Using these cuts, we then use education as reported on the death certificate to calculate trends in mortality rates between 1990 and 2010 for those in the bottom quartile of the education distribution.

<u>3. Distribution of Life Expectancies</u>. Finally, one implication of Olshansky et al.'s work is that some parts of the population have experienced increases in life expectancy, while others have actually seen life expectancy drop. An alternative way to look at this question is to ask whether the variation in years lived has increased, with an increasing fraction of the population dying prematurely at the same time as an increasing share lives into old age. Asking the question in this way avoids a number of thorny questions about how to define a population (relative vs. absolute attainment) and also avoids issue of the comparability of education coding and imputation between census and vital statistics data.²

¹ For each cohort, we used the census data file from the first appearance of the cohort after they turned age 25. Thus, for cohorts born 1905-1915, we used the 1940 decennial census; for cohorts born 1916-1925, we used the 1950 decennial, etc.

² In particular, recent research using matched CPS and death certificate data (Rostron & National Center for Health Statistics (U.S.), 2010) has found evidence consistent with misreporting of education on death certificates, especially in reporting high school graduation. These errors vary by race and ethnicity, and can have substantial impact on life expectancy estimates.

We address the question of diverging mortality in several ways. First, for each gender and race specific group, we first estimate the interquartile range (IQR) of life expectancy for persons who survive to age 25, a value relatively easy to calculate, but shown to be highly correlated with many measures of variability (Wilmoth and Horiuchi 1999). If a segment of the population is falling behind in absolute terms while the rest is improving, we should expect to see a widening of the IQR over time. Second, we use standard life table methods to estimate the probability an individual alive at the age of 25 will reach the age of 35, 45, 55, 65, 75, and 85 in 1990, 2000, and 2010. If some portions of the population have experienced shortening life expectancies, while others have experienced increases in life expectancy, what we should see are decreases in the chances that an individual reaches the ages of 35, 45, 55, or 65 while at the same time seeing increases in the probability that someone will reach the age of 75 or 85.

Results

Mortality by educational attainment between 25 and 85. To see whether the Olshansky et al. finding of increasing mortality among low education groups is driven by age misreporting and other complications of measuring old-age mortality, we limited the analysis to mortality between the ages of 25 and 84, when premature mortality is most likely to have an effect on the low SES group. Figure 3 plots survival curves from age 25 to 84 for non-Hispanic black and non-Hispanic white women and men in 1990 and 2010, derived from period life tables. Consistent with Olshansky et al., who compared 1990 and 2008, we find that survival probabilities for non-Hispanic whites with less than a high school education declined between 1990 and 2010. If the age-specific rates of mortality observed in 1990 held throughout their lives, a 25-year old white woman with less than a high school education had a 40.9 percent chance of surviving to age 85. Under the rates observed in 2010, the same woman had only a 31.4 percent chance of surviving to age 85. The same probability for white men with less than a high school education decreased from 17.6 percent to 16.7 percent between 1990 and 2010. Also consistent with past research,

we found that Non-Hispanic black women and men did not show the same patterns. Between 1990 and 2010, the probability of survival from age 25 to age 85 increased from 31.3 percent to 34.4 percent for black women and from 10.5 percent to 17.0 percent for black men with less than a high school education. It should also be noted that while black women and men gained relative to whites between 1990 and 2010, black women and men still had a substantial mortality disadvantage in 2010 within each level of education.

Mortality rates by quartile rank in educational attainment. The dramatic increase in educational attainment during the 20th century meant that the population with less than a high school education has grown increasingly select. To check whether this selectivity is behind the declines in survival probabilities among whites, we constructed life tables for white women and men in the lowest quartile of educational attainment for persons born in the same year of the same sex and race. The data in Figure 2 show the thresholds that define the bottom quartile as derived from census data on educational attainment that was collected for each birth cohort when they were between the ages of 25 and 35. In Figure 4, we plot the survival curves for the lowest quartile and the combined top three quartiles. We find that between 1990 and 2010, in contrast to the findings above, white women in the bottom quartile had no appreciable change in survival, while women in the top three quartiles saw an increase in survival probability to every age. Even more dramatically, among white men, both the lowest quartile and the top three quartiles saw increased survival probabilities between 1990 and 2010, though the gains for those in the bottom quartile were not as great as those for the top three quartiles. Thus, when one categorizes education by rank, one does not see any evidence that survival probabilities have declined for the bottom quartile of educational attainment. However, consistent with other findings (e.g., Waldron, 2007) we do see clear evidence for increasing dispersion of survival probabilities between those in the bottom and top of the educational distribution.

Distribution of Life Expectancies. Finally, because of the problems discussed above in aligning vital statistics and population data on education, an alternative way of examining the finding of diverging mortality is to look at changes in the distribution of the age at death. If some portion of the population is experiencing absolute declines in survival probabilities, we would

expect not only a widening of the distribution of ages at death, but also an absolute decline at some common percentile of the distribution. This is not what we observe, however. First, in Figure 5 we show the distribution of life table deaths by age (d_x) , based on published life tables. Black and white men show a consistent improvement (rightward shift) and compression of age at death from 1990 to 2010. Black and white women appear to have some compression between 1990 and 2000, but little shift. Between 2000 and 2010, however all groups show both improvement and compression. In Figure 6, looking just at survival probabilities after age 25, these findings are largely confirmed. White women show no improvement between 1990 and 2000, while black women show very slight improvement. Both groups of men show consistent improvements. If there had been decreased survival for some portion of the population and increased survival for others, we would expect to see an upward shift in older ranges of these curves over time and a downward shift at younger ages, producing a crossing of the survival curves from two successive periods.

To see this another way, in Figure 7 we show the 10th, 25th, and 75th percentiles of the distributions of expected age at death for non-Hispanic black and white women and men, for persons who have survived to age 25. As expected with demonstrated improvements in life expectancy overall, the 75th percentile of the age-at-death distribution increased for each group between 1990 and 2010. On the other hand, each group other than white women also shows an increase in the 10th percentile of age at death. This value improved most dramatically for black men, increasing from 44 to 52; it increased from 55 to 57 for black women. The 10th percentile of age at death for white men showed a slight increase from 56 to 57, while for white women, the 10th percentile held constant at 63. For every group the 25th percentiles of these distributions also increased. Finally, looking at changes in the interquartile range as a summary measure of dispersion shows that all groups but white men have had a small decrease in the dispersion of life expectancies. The IQR for white men increased slightly from 17 years in 1990 to 18 years in 2010. As is the case in overall survival, for both men and women, the IQR for blacks is higher than for whites. One interesting pattern to note is that in the tabulations by race and sex, we see less consistent evidence of increased dispersion in expected age of death than when we compare

the better with the less well educated. At least for whites, this suggests that while dispersion <u>across</u> SES groups appears to be widening, the reverse may be true <u>within</u> groups. There is nothing necessarily contradictory in these findings. It is entirely possible that while advantaged groups would have disproportionately shared in the growth in life expectancy, other factors are leading to a compression of mortality.

Another relevant way to look at this data is to ask how the fraction of those alive at age 25 would reach the ages of 65, 75, or 85. Between 1990 and 2010, the fraction of white men who would die before reaching the Social Security Normal Retirement Age (age 65) dropped a bit from 0.21 to 0.18. For women the drop was even smaller, from 0.12 to 0.11. In contrast, the change in the fraction who would reach 85 rose from 0.25 to 0.35 for white men and from 0.45 to 0.49 for white women. For blacks, we see a different pattern. While increases in survival to age 85 were similar in magnitude to those experienced by whites, blacks had much larger increases in survival to 65. In 1990, the fraction of adult black men alive at age 25 who would die before reaching 65 was 0.38! By 2010, while still high relative to whites, this fraction had declined to 0.28. For black women, in 1990 0.22 would die before 65. By 2010 this number had dropped to 0.18.

Discussion

Our findings on changing mortality conditions between 1990 and 2010 can be viewed as a refinement of past work on socioeconomic disparities in the U.S. Consistent with recent findings on disparity in economic outcomes (U.S. Census Bureau, 2013), mortality also appears to be trending toward more inequality, at least when the contrasts are between higher and lower SES groups. However, when we categorize individuals by rank in the distribution of educational attainment, we do not find evidence consistent with absolute increases in mortality at the lowest levels of SES. While we are able to replicate recent dramatic estimates of worsening mortality rates among non-Hispanic whites who did not graduate from high school, we find that a possible explanation for these trends is that this group is becoming less and less common over time, and thus represents a more disadvantaged group now than it did even 20 years ago. When we look at

the low end of the educational distribution in a different way, attempting to hold relative economic position constant, we do not find that those at the low end of the distribution lost ground in absolute terms. They have, however, lost ground in relative terms.

Taken together, these findings suggest that care should be taken in interpreting evidence of <u>falling</u> life expectancy among low SES groups. However, it does appear that low SES groups are not sharing equally in improving mortality conditions, which raises concerns about the differential impacts of policies that would raise retirement ages uniformly in response to average increases in life expectancy.

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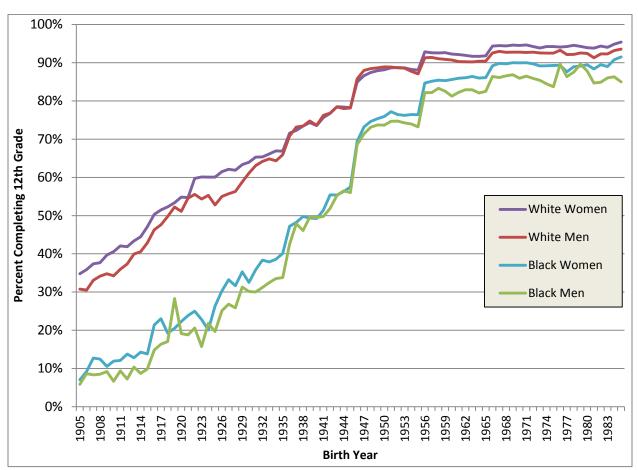
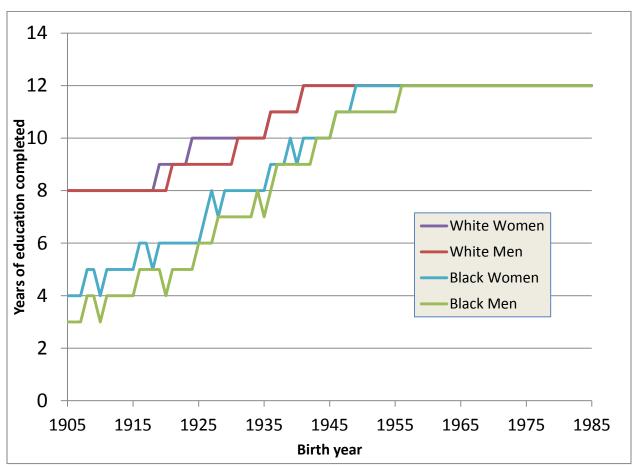
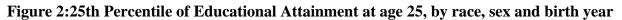


Figure 1: Percent completing 12th grade, by race, sex, and birth year

Source: Authors' tabulations based on U.S. Census data (Ruggles et al. 2010).





Source: Authors' tabulations based on U.S. Census data (Ruggles et al. 2010).

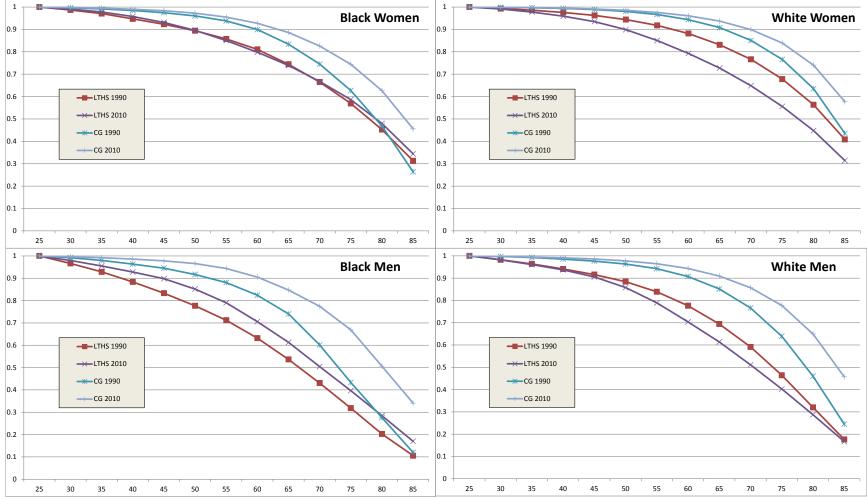


Figure 3: Survival Curves, by race, sex, and year for persons with less than high school education and college graduates, 1990 and 2010

Source: Authors' tabulations based on National Vital Statistics System multiple cause of death data ("NVSS - Public Use Data File Documentation" 2014) and U.S. Census data (Ruggles et al. 2010). See Appendix Table 1 for values.

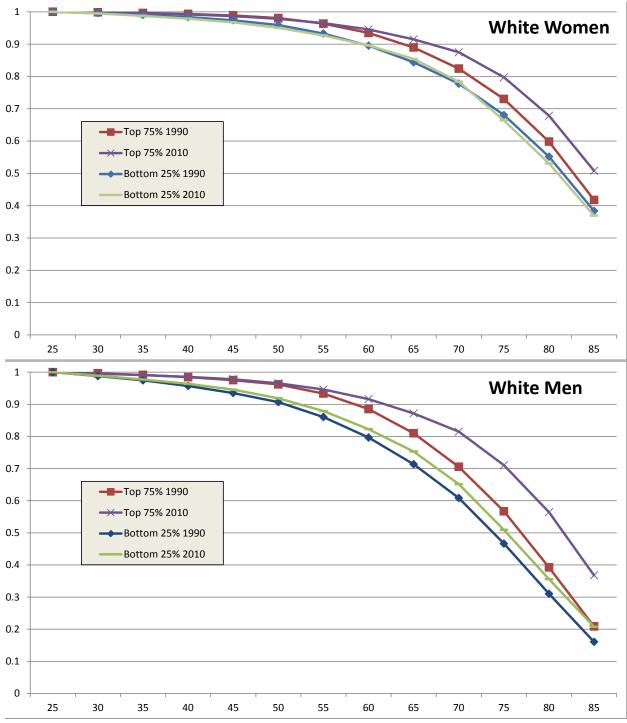


Figure 4: Survival Curves by educational rank, white men and women, 1990 and 2010

Source: Authors' tabulations based on National Vital Statistics System multiple cause of death data ("NVSS - Public Use Data File Documentation" 2014) and U.S. Census data (Ruggles et al. 2010). See Appendix Table 2 for values.

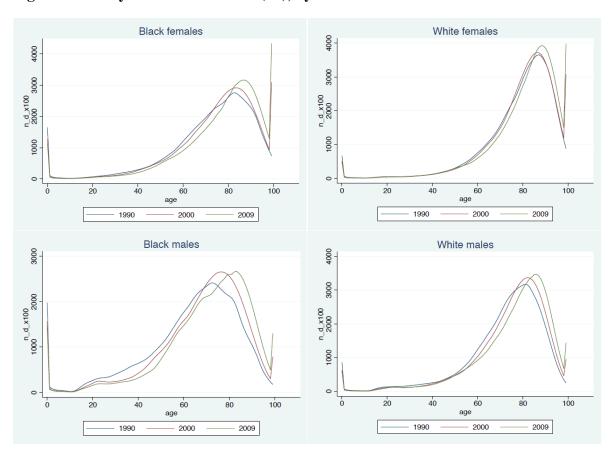


Figure 5:Density of life table deaths (dx), by sex and race

Source: Authors' tabulations based on published life tables.("NVSS - Mortality Tables - Life Expectancy" 2014)

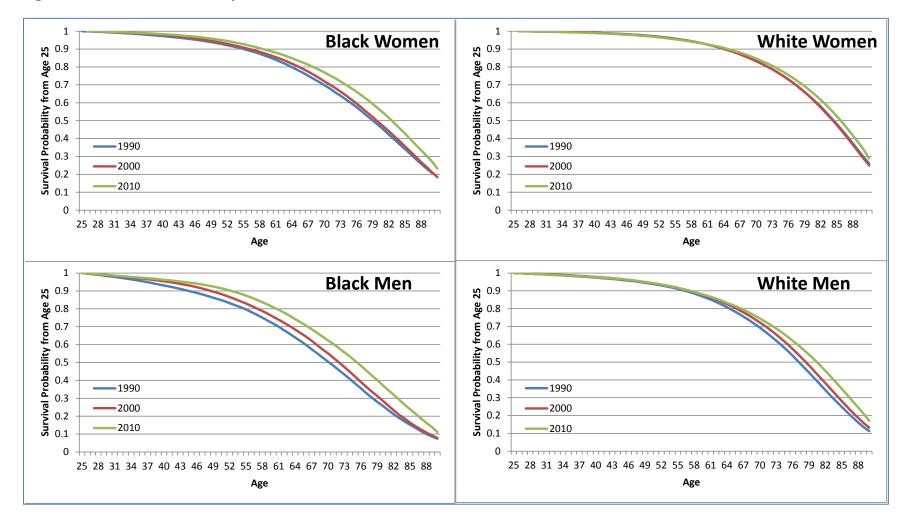


Figure 6: Survival Probabilities by sex and race in 1990, 2000, and 2010

Source: Authors' tabulations based on National Vital Statistics System multiple cause of death data ("NVSS - Public Use Data File Documentation" 2014) and U.S. Census data (Ruggles et al. 2010).

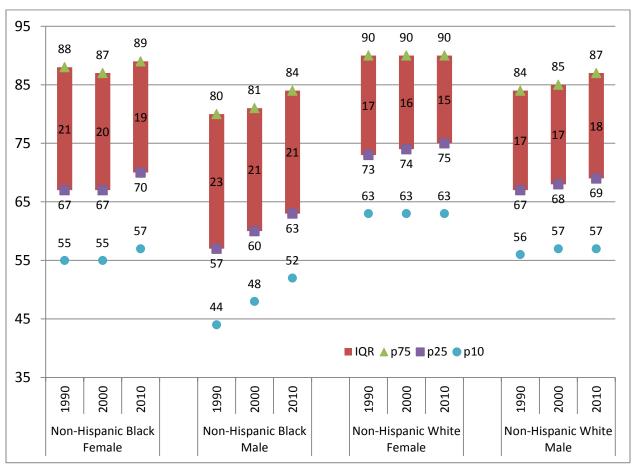


Figure 7: Distribution of Expected Age at Death (age 25+), by sex and race, 1990-2010

Source: Authors' tabulations based on National Vital Statistics System multiple cause of death data ("NVSS - Public Use Data File Documentation," n.d.).

Appendix Table 1: Life Table Survival Probabilities, conditional on survival to age 25, by level of education

1	Non-Hispanic Black Female											
	Less than High School			High School Graduate			Some College			College Graduate		
Age	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.987	0.988	0.991	0.992	0.993	0.993	0.996	0.997	0.997	0.996	0.997	0.998
35	0.971	0.971	0.978	0.981	0.982	0.984	0.992	0.992	0.993	0.991	0.994	0.995
40	0.947	0.950	0.958	0.965	0.968	0.972	0.985	0.986	0.988	0.985	0.988	0.990
45	0.923	0.919	0.931	0.944	0.946	0.956	0.975	0.976	0.980	0.975	0.977	0.984
50	0.894	0.882	0.896	0.915	0.914	0.930	0.960	0.960	0.966	0.960	0.961	0.973
55	0.857	0.838	0.850	0.873	0.871	0.891	0.936	0.937	0.944	0.938	0.936	0.955
60 65	0.811	0.790 0.728	0.798	0.810	0.814	0.839	0.897	0.903	0.913	0.899	0.901 0.847	0.927
65 70	0.744 0.665	0.728	0.739 0.668	0.723 0.607	0.736 0.632	0.774 0.692	0.840 0.761	0.858 0.784	0.868 0.808	0.834 0.745	0.847	0.886 0.826
70 75	0.665	0.646	0.586	0.607	0.632	0.692	0.662	0.784	0.808	0.745	0.677	0.826
80	0.452	0.435	0.480	0.319	0.359	0.455	0.518	0.558	0.609	0.468	0.539	0.626
85	0.313	0.301	0.344	0.179	0.208	0.299	0.377	0.409	0.448	0.264	0.366	0.456
00	0.010	0.001	0.044	0.170					0.110	0.204	0.000	0.400
	Less th	an High	School	High School Graduate			c Black Male Some College			College Graduate		
Age	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.966	0.976	0.979	0.977	0.982	0.985	0.992	0.993	0.993	0.992	0.994	0.996
35	0.929	0.951	0.955	0.949	0.964	0.968	0.980	0.985	0.986	0.980	0.987	0.992
40	0.883	0.921	0.928	0.913	0.942	0.950	0.964	0.975	0.977	0.963	0.978	0.986
45	0.833	0.880	0.898	0.869	0.908	0.928	0.947	0.961	0.966	0.945	0.964	0.978
50	0.776	0.817	0.851	0.816	0.856	0.894	0.924	0.939	0.950	0.917	0.941	0.966
55	0.712	0.742	0.790	0.747	0.783	0.838	0.891	0.905	0.922	0.880	0.905	0.944
60	0.632	0.656	0.705	0.645	0.695	0.753	0.836	0.860	0.877	0.824	0.860	0.905
65	0.536	0.562	0.613	0.521	0.587	0.648	0.756	0.805	0.815	0.740	0.786	0.847
70	0.431	0.462	0.504	0.376	0.450	0.536	0.660	0.716	0.734	0.601	0.682	0.774
75	0.318	0.342	0.397	0.236	0.310	0.407	0.510	0.591	0.643	0.433	0.553	0.669
80	0.203	0.228	0.284	0.117	0.162	0.258	0.350	0.441	0.515	0.276	0.396	0.506
85	0.105	0.118	0.170	0.026	0.054	0.125	0.187	0.274	0.348	0.120	0.225	0.341
	Non-Hispanic White Female											
											<u> </u>	
		an High			chool Gr	aduate	So	me Colle	Ŭ.		ege Grad	
Age	1990	2000	2010	1990	chool Gr 2000	aduate 2010	So 1990	me Colle 2000	2010	1990	2000	2010
25	1990 1.00	2000 1.00	2010 1.00	1990 1.00	chool Gr 2000 1.00	aduate 2010 1.00	So 1990 1.00	me Colle 2000 1.00	2010 1.00	1990 1.00	2000 1.00	2010 1.00
25 30	1990 1.00 0.993	2000 1.00 0.992	2010 1.00 0.991	1990 1.00 0.996	chool Gr 2000 1.00 0.996	aduate 2010 1.00 0.994	So 1990 1.00 0.998	me Colle 2000 1.00 0.998	2010 1.00 0.998	1990 1.00 0.999	2000 1.00 0.999	2010 1.00 0.999
25 30 35	1990 1.00 0.993 0.986	2000 1.00 0.992 0.982	2010 1.00 0.991 0.978	1990 1.00 0.996 0.992	chool Gr 2000 1.00 0.996 0.991	aduate 2010 1.00 0.994 0.986	So 1990 1.00 0.998 0.996	me Colle 2000 1.00 0.998 0.996	2010 1.00 0.998 0.995	1990 1.00 0.999 0.997	2000 1.00 0.999 0.997	2010 1.00 0.999 0.997
25 30 35 40	1990 1.00 0.993 0.986 0.976	2000 1.00 0.992 0.982 0.968	2010 1.00 0.991 0.978 0.959	1990 1.00 0.996 0.992 0.986	chool Gr 2000 1.00 0.996 0.991 0.983	aduate 2010 1.00 0.994 0.986 0.976	So 1990 1.00 0.998 0.996 0.993	me Colle 2000 1.00 0.998 0.996 0.993	2010 1.00 0.998 0.995 0.991	1990 1.00 0.999 0.997 0.994	2000 1.00 0.999 0.997 0.994	2010 1.00 0.999 0.997 0.995
25 30 35 40 45	1990 1.00 0.993 0.986 0.976 0.962	2000 1.00 0.992 0.982 0.968 0.946	2010 1.00 0.991 0.978 0.959 0.935	1990 1.00 0.996 0.992 0.986 0.977	chool Gr 2000 1.00 0.996 0.991 0.983 0.972	aduate 2010 1.00 0.994 0.986 0.976 0.964	So 1990 1.00 0.998 0.996 0.993 0.989	me Colle 2000 1.00 0.998 0.996 0.993 0.988	2010 1.00 0.998 0.995 0.991 0.985	1990 1.00 0.999 0.997 0.994 0.989	2000 1.00 0.999 0.997 0.994 0.990	2010 1.00 0.999 0.997 0.995 0.991
25 30 35 40 45 50	1990 1.00 0.993 0.986 0.976 0.962 0.944	2000 1.00 0.992 0.982 0.968 0.946 0.919	2010 1.00 0.991 0.978 0.959 0.935 0.899	1990 1.00 0.996 0.992 0.986 0.977 0.963	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945	So 1990 1.00 0.998 0.996 0.993 0.989 0.981	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981	2010 1.00 0.998 0.995 0.991 0.985 0.977	1990 1.00 0.999 0.997 0.994 0.989 0.980	2000 1.00 0.999 0.997 0.994 0.990 0.983	2010 1.00 0.999 0.997 0.995 0.991 0.985
25 30 35 40 45 50 55	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.919	So 1990 1.00 0.998 0.996 0.993 0.989 0.981 0.969	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976
25 30 35 40 45 50 55 60	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.919 0.886	So 1990 1.00 0.998 0.996 0.993 0.989 0.981 0.969 0.949	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961
25 30 35 40 45 50 55 60 65	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.919	So 1990 1.00 0.998 0.996 0.993 0.989 0.981 0.969 0.949 0.917	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937
25 30 35 40 45 50 55 60 65 70	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.919 0.886 0.839 0.775	So 1990 1.00 0.998 0.996 0.993 0.989 0.981 0.969 0.949 0.917 0.869	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908 0.851	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899
25 30 35 40 45 50 55 60 65	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.919 0.886 0.839	So 1990 1.00 0.998 0.996 0.993 0.989 0.981 0.969 0.949 0.917	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908 0.851 0.766	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937
25 30 35 40 45 50 55 60 65 70 75 80	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488	2010 1.00 0.991 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.889 0.848 0.775 0.676 0.535	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.945 0.945 0.846 0.839 0.775 0.686 0.565	So 1990 1.00 0.998 0.996 0.993 0.989 0.989 0.969 0.949 0.917 0.869 0.795 0.683	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.9651 0.923 0.879 0.816 0.710	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730	1990 1.00 0.999 0.997 0.989 0.989 0.980 0.967 0.944 0.908 0.851 0.766 0.635	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804 0.691	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.839 0.839 0.740
25 30 35 40 45 50 55 60 65 70 75	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.936 0.933 0.849 0.775 0.676 0.535	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.945 0.945 0.886 0.839 0.775 0.686	So 1990 1.00 0.998 0.996 0.993 0.989 0.989 0.949 0.949 0.917 0.869 0.795 0.683 0.795	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.965 0.951 0.923 0.879 0.816 0.710 0.552	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908 0.851 0.766	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.839
25 30 35 40 45 50 55 60 65 70 75 80	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.678 0.563 0.409	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488	2010 1.00 0.991 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.785 0.682 0.533 0.336	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.936 0.933 0.849 0.775 0.676 0.535	aduate 2010 1.00 0.994 0.986 0.976 0.945 0.945 0.886 0.839 0.775 0.686 0.565 0.405 -Hispani	So 1990 1.00 0.998 0.996 0.993 0.989 0.989 0.949 0.949 0.949 0.869 0.795 0.683 0.515 c White M	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.965 0.951 0.923 0.879 0.816 0.710 0.552	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804 0.691	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.839 0.740 0.577
25 30 35 40 45 50 55 60 65 70 75 80	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.678 0.563 0.409	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336	2010 1.00 0.991 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.785 0.682 0.533 0.336	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.933 0.899 0.848 0.775 0.676 0.535 0.355	aduate 2010 1.00 0.994 0.986 0.976 0.945 0.945 0.886 0.839 0.775 0.686 0.565 0.405 -Hispani	So 1990 1.00 0.998 0.996 0.993 0.989 0.989 0.949 0.949 0.949 0.869 0.795 0.683 0.515 c White M	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.961 0.923 0.879 0.816 0.710 0.552 <i>M</i> ale	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.923 0.876 0.804 0.691 0.519	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.839 0.740 0.577
25 30 35 40 45 50 55 60 55 60 75 80 85 Age 25	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.882 0.882 0.882 0.678 0.563 0.563 0.409 Less th 1990 1.00	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 2000 1.00	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.963 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 0.355 Non chool Gr 2000 1.00	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.945 0.945 0.886 0.839 0.775 0.686 0.565 0.405 -Hispania aduate 2010 1.00 1.00 2.010 1.00 1	So 1990 1.00 0.998 0.996 0.989 0.981 0.969 0.917 0.869 0.795 0.683 0.515 c White N So 1990 1.00	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 <u>Aale</u> me Colle 2000 1.00	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.947 0.945 0.947 0.878 0.820 0.730 0.588 2010 1.00	1990 1.00 0.999 0.997 0.994 0.989 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.876 0.804 0.691 0.519 2000 1.00	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.839 0.740 0.577 uate 2010 1.00
25 30 35 40 45 50 55 60 55 60 65 70 75 80 85 Age 25 30	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 Less th 1990 1.00 0.982	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.707 0.607 0.488 0.336 0.336 1.00 0.985	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.963 0.857 0.785 0.682 0.533 0.336 <u>1990</u> 1.00 0.989	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.964 0.975 0.686 0.565 0.405 0.455 0.455 0.455 0.455 0.455 0.455 0.455 0.405 0.405 0.405 0.405 0.455 0.455 0.455 0.455 0.455 0.405 0.4	So 1990 1.00 0.998 0.996 0.993 0.981 0.969 0.949 0.917 0.869 0.795 0.683 0.515 White N So 1.00 0.996	me Colle 2000 1.00 0.998 0.998 0.998 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 Male me Colle 2000 1.00 0.997	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995	1990 1.00 0.999 0.997 0.994 0.980 0.980 0.980 0.944 0.908 0.851 0.766 0.635 0.435 0.435 1990 1.00 0.997	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.876 0.804 0.691 0.519 2000 1.00 0.998	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.839 0.740 0.577 Uate 2010 1.00 0.998
25 30 35 40 45 50 65 70 75 80 85 Age 25 30 35	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.831 0.766 0.678 0.563 0.409 Less th 1990 1.00 0.982 0.964	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.707 0.488 0.336 0.336 1.00 0.985 0.966	2010 1.00 0.991 0.978 0.959 0.859 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 <u>1990</u> 1.00 0.989 0.977	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.355 0.355 Non chool Gr 2000 1.00 0.990 0.980	aduate 2010 1.00 0.994 0.986 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.964 0.945 0.965 0.405 0.405 -Hispania 2010 1.00 0.988 0.975	So 1990 1.00 0.998 0.999 0.981 0.969 0.949 0.917 0.869 0.795 0.633 0.515 White No 1.00 0.990 1.00 0.996 0.901	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 Male 2000 1.00 0.997 0.997 0.992	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995 0.990	1990 1.00 0.999 0.997 0.994 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 1990 1.00 0.997 0.992	2000 1.00 0.999 0.997 0.994 0.993 0.971 0.953 0.923 0.876 0.804 0.691 0.519 2000 1.00 0.998 0.995	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.839 0.740 0.577 Uate 2010 1.00 0.998 0.995
25 30 35 40 45 50 55 60 65 70 75 80 85 Age 25 30 35 40	1990 1.00 0.993 0.986 0.976 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 Less th 1990 1.00 0.982 0.964 0.941	2000 1.00 0.992 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 0.336 1.00 0.985 0.966 0.943	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 0.989 0.977 0.989 0.977 0.961	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990 0.980 0.980	aduate 2010 1.00 0.994 0.986 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.966 0.965 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.960	So 1990 1.00 0.998 0.996 0.993 0.989 0.981 0.969 0.949 0.917 0.869 0.795 0.683 0.515 c White N So 1.900 1.00 0.996 0.991 0.994	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 Male 2000 1.00 0.997 0.997 0.992 0.987	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995 0.990 0.983	1990 1.00 0.999 0.997 0.994 0.989 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 1990 1.00 0.997 0.992 0.986	2000 1.00 0.999 0.997 0.994 0.993 0.971 0.953 0.973 0.923 0.876 0.804 0.691 0.519 2000 1.00 0.998 0.995 0.995 0.991	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.839 0.740 0.577 Uuate 2010 1.00 0.998 0.995 0.991
25 30 35 40 45 50 55 60 65 70 75 80 85 Age 25 30 35 40 45	1990 1.00 0.993 0.986 0.976 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 <u>Less th</u> 1990 1.00 0.982 0.964 0.941 0.916	2000 1.00 0.992 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 0.336 2000 1.00 0.985 0.966 0.943 0.909	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 0.940	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990 0.980 0.980 0.986 0.946	aduate 2010 1.00 0.994 0.986 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.966 0.565 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.980 0.975 0.960 0.942	So 1990 1.00 0.998 0.996 0.993 0.989 0.989 0.949 0.917 0.869 0.795 0.683 0.515 c White N So 1.900 0.996 0.991 0.996 0.991 0.994	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 Male 2000 1.00 0.997 0.997 0.992 0.987 0.979	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995 0.990 0.983 0.975	1990 1.00 0.999 0.997 0.994 0.989 0.967 0.944 0.908 0.851 0.766 0.635 0.435 1990 1.00 0.997 0.992 0.986 0.977	2000 1.00 0.999 0.997 0.994 0.993 0.971 0.953 0.923 0.876 0.804 0.691 0.519 2000 1.00 0.998 0.995 0.995 0.995 0.991 0.985	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.740 0.577 uate 2010 1.00 0.998 0.995 0.991 0.986
25 30 35 40 45 50 55 60 65 70 75 80 85 Age 25 30 85 40 45 50	1990 1.00 0.993 0.986 0.976 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 <u>Less th</u> 1990 1.00 0.982 0.964 0.941 0.941 0.916 0.884	2000 1.00 0.992 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 0.336 1.00 0.985 0.966 0.943 0.909 0.864	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 0.940 0.914	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.980 0.980 0.980 0.9466 0.914	aduate 2010 1.00 0.994 0.986 0.976 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.686 0.565 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.980 0.975 0.960 0.942 0.913	So 1990 1.00 0.998 0.996 0.989 0.989 0.949 0.917 0.869 0.795 0.683 0.515 c White N So 1.00 0.990 1.00 0.991 0.984 0.974 0.961	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 <u>Aale</u> me Colle 2000 1.00 0.997 0.992 0.987 0.992 0.987 0.979 0.966	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995 0.990 0.983 0.975 0.962	1990 1.00 0.999 0.997 0.989 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 Colle 1990 1.00 0.997 0.992 0.986 0.977 0.963	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804 0.691 0.519 2000 1.00 0.995 0.995 0.991 0.985 0.991 0.985 0.974	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.740 0.577 uate 2010 1.00 0.998 0.995 0.991 0.986 0.978
25 30 35 40 45 50 60 65 70 75 80 85 Age 25 30 5 40 45 50 55	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 1.00 0.982 0.964 0.941 0.916 0.984 0.941 0.916	2000 1.00 0.992 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 0.336 1.00 0.985 0.966 0.943 0.909 0.864 0.909 0.864 0.809	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858 0.789	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 0.940 0.914 0.875	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.980 0.966 0.946 0.914 0.871	aduate 2010 1.00 0.994 0.986 0.976 0.945 0.945 0.945 0.945 0.945 0.839 0.775 0.686 0.565 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.988 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.975 0.980 0.995 0.980 0.975 0.980 0.975 0.980 0.995 0.980 0.975 0.980 0.975 0.980 0.995 0.980 0.975 0.980 0.975 0.980 0.995 0.980 0.985 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.985 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.995 0.980 0.9975 0.980 0.9975 0.980 0.9975 0.980 0.9975 0.980 0.9975 0.980 0.9975 0.980 0.9975 0.980 0.9975 0.980 0.9875 0.980 0.9875 0.980 0.9875 0.9807 0.9875 0.9807 0.9875 0.9807 0.9875 0.9807 0.9875 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975 0.9975	So 1990 1.00 0.998 0.996 0.989 0.989 0.949 0.949 0.917 0.869 0.795 0.683 0.515 c White N So 1990 1.00 0.991 0.984 0.974 0.961 0.941	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 <u>Aale</u> me Colle 2000 1.00 0.997 0.992 0.987 0.992 0.987 0.979 0.966 0.945	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588 990 2010 1.00 0.995 0.990 0.983 0.975 0.962 0.943	1990 1.00 0.999 0.997 0.994 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435 Colle 1990 1.00 0.997 0.992 0.986 0.977 0.963 0.943	2000 1.00 0.999 0.997 0.994 0.993 0.971 0.953 0.973 0.923 0.876 0.804 0.691 0.519 	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.740 0.5777 uate 2010 1.00 0.998 0.995 0.991 0.986 0.978 0.965
25 30 35 40 45 50 55 60 65 70 75 80 85 Age 25 30 5 40 45 50 55 60	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 Less tr 1990 1.00 0.982 0.964 0.941 0.916 0.884 0.839 0.776	2000 1.00 0.992 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 0.336 1.00 0.985 0.966 0.943 0.909 0.864 0.909 0.864 0.809 0.741	2010 1.00 0.991 0.978 0.959 0.859 0.859 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858 0.789 0.704	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 0.940 0.914 0.914 0.914 0.914 0.915	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990 0.966 0.914 0.871 0.815	aduate 2010 1.00 0.994 0.986 0.976 0.945 0.945 0.945 0.839 0.775 0.686 0.565 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.405 -Hispania 0.988 0.975 0.960 0.942 0.913 0.871 0.808	So 1990 1.00 0.998 0.996 0.993 0.989 0.949 0.949 0.949 0.795 0.683 0.515 C White N So 1990 1.00 0.994 0.917 0.683 0.515 C White N 0.996 0.996 0.9974 0.961 0.941 0.907	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.969 0.923 0.879 0.816 0.710 0.552 Aale 2000 1.00 0.992 0.987 0.979 0.966 0.945 0.916	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.995 0.905	1990 1.00 0.999 0.997 0.994 0.980 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 Collie 1990 1.00 0.997 0.992 0.986 0.977 0.963 0.977	2000 1.00 0.999 0.997 0.994 0.993 0.971 0.953 0.971 0.953 0.876 0.804 0.691 0.519 	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.740 0.577 Uate 2010 1.00 0.998 0.995 0.991 0.986 0.978 0.965 0.943
25 30 35 40 45 50 55 60 55 60 55 60 55 60 65	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 1.00 0.982 0.982 0.944 0.941 0.916 0.884 0.839 0.776 0.694	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 2000 1.00 0.985 0.966 0.943 0.996 0.943 0.909 0.864 0.809 0.741 0.655	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858 0.789 0.704 0.614	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 0.940 0.914 0.975 0.815 0.725	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.953 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990 0.966 0.946 0.914 0.871 0.815 0.738	aduate 2010 1.00 0.994 0.986 0.976 0.945 0.945 0.945 0.839 0.775 0.686 0.565 0.405 -Hispania aduate 2010 1.00 0.988 0.975 0.980 0.975 0.988 0.975 0.962 0.973 0.973 0.871 0.808 0.773 0.807 0.730 0.970 0.970 0.970 0.973 0.970	So 1990 1.00 0.998 0.996 0.993 0.989 0.949 0.949 0.917 0.869 0.795 0.683 0.515 White N So 1.00 0.996 0.991 0.996 0.996 0.996 0.994 0.996 0.994 0.974 0.961 0.941 0.907 0.855	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.951 0.923 0.879 0.816 0.710 0.552 Aale 2000 1.00 0.997 0.987 0.997 0.979 0.966 0.945 0.916 0.874	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.945 0.917 0.945 0.917 0.945 0.917 0.945 0.920 0.730 0.588 2010 1.00 0.995 0.995 0.995 0.995 0.995 0.905 0.905 0.905 0.905 0.907 0.945 0.907 0.945 0.977 0.945 0.977 0.962 0.983 0.975 0.962 0.995 0.995 0.962 0.943 0.912 0.866	1990 1.00 0.999 0.997 0.994 0.989 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 Colle 1990 1.00 0.997 0.992 0.986 0.977 0.963 0.943 0.943 0.907 0.9632	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804 0.691 0.519 	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.740 0.577 Uate 2010 1.00 0.998 0.995 0.991 0.986 0.978 0.965 0.943 0.909
25 30 35 40 45 50 55 60 55 60 55 80 85 Age 25 30 55 40 55 60 55 60 55 60 55 70	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 1.00 0.982 0.964 0.941 0.916 0.884 0.839 0.776 0.694 0.591	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 2000 1.00 0.985 0.966 0.943 0.996 0.943 0.996 0.943 0.996 0.943 0.996 0.943 0.906 0.943 0.906 0.943 0.906 0.943 0.905 0.966 0.943 0.905 0.966 0.943 0.905 0.955 0.559	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858 0.789 0.704 0.614 0.511	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 1.00 0.989 0.977 0.961 0.940 0.977 0.940 0.975 0.815 0.725 0.608	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990 0.966 0.946 0.914 0.871 0.815 0.738	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.964 0.945 0.965 0.405 0.975 0.960 0.913 0.871 0.808 0.773 0.808 0.405 0.405 0.942 0.913 0.808 0.730 0.405 0.4	So 1990 1.00 0.998 0.996 0.993 0.989 0.949 0.949 0.949 0.917 0.869 0.795 0.683 0.515 White N So 1990 1.00 0.996 0.991 0.996 0.991 0.981 0.974 0.961 0.907 0.855 0.781	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.923 0.951 0.923 0.879 0.816 0.710 0.552 Male 2000 1.00 0.997 0.987 0.997 0.985 0.916 0.874 0.808	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.945 0.917 0.945 0.917 0.945 0.917 0.945 0.920 0.730 0.588 2010 1.00 0.995 0.990 0.983 0.975 0.962 0.9943 0.912 0.866 0.806	1990 1.00 0.999 0.997 0.994 0.989 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 Colle 1990 1.00 0.997 0.992 0.986 0.977 0.963 0.943 0.907 0.943 0.907 0.943 0.907	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804 0.691 0.519 	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.937 0.899 0.839 0.740 0.577 Uate 2010 1.00 0.998 0.995 0.991 0.986 0.978 0.965 0.943 0.909 0.857
25 30 35 40 45 50 55 60 55 60 57 80 85 Age 25 30 55 40 55 60 55 60 55 60 55 70 75 80 85	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.409 Less th 1990 1.00 0.982 0.964 0.941 0.916 0.884 0.839 0.776 0.694 0.591 0.464	2000 1.00 0.992 0.968 0.946 0.946 0.949 0.883 0.837 0.777 0.702 0.607 0.488 0.336 2000 1.00 0.985 0.966 0.943 0.909 0.864 0.809 0.741 0.655 0.559 0.432	2010 1.00 0.991 0.978 0.959 0.835 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858 0.789 0.704 0.614 0.511 0.402	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 0.940 0.914 0.875 0.815 0.725 0.608 0.461	chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.355 0.355 Non chool Gr 2000 1.00 0.990 0.980 0.966 0.914 0.871 0.738 0.634 0.499	aduate 2010 1.00 0.994 0.986 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.964 0.945 0.965 0.405 -Hispani aduate 2010 1.00 0.988 0.975 0.960 0.942 0.913 0.871 0.808 0.730 0.636 0.730 0.636 0.730 0.636 0.730	So 1990 1.00 0.998 0.999 0.989 0.989 0.981 0.969 0.949 0.917 0.869 0.795 0.683 0.515 White K 0.990 1.00 0.996 0.991 0.984 0.974 0.941 0.907 0.855 0.781 0.676	me Colle 2000 1.00 0.998 0.996 0.998 0.981 0.969 0.951 0.923 0.879 0.816 0.710 0.552 Male 2000 1.00 0.997 0.987 0.979 0.966 0.945 0.974 0.874 0.808 0.715	2010 1.00 0.998 0.995 0.995 0.997 0.964 0.945 0.917 0.878 0.820 0.730 0.588 2010 1.00 0.995 0.990 0.983 0.975 0.962 0.943 0.975 0.962 0.943 0.912 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.943 0.975 0.962 0.975 0.962 0.973 0.975 0.962 0.973 0.975 0.962 0.973 0.975 0.962 0.973 0.975 0.962 0.973 0.975 0.962 0.973 0.975 0.973 0.975 0.975 0.973 0.975 0.975 0.975 0.973 0.975 0.975 0.975 0.973 0.975 0.975 0.973 0.975 0.975 0.973 0.975	1990 1.00 0.999 0.997 0.994 0.980 0.967 0.944 0.908 0.851 0.766 0.435 0.435 0.435 0.435 0.435 0.997 0.992 0.986 0.977 0.992 0.986 0.977 0.992 0.986 0.977 0.992 0.986 0.977 0.963 0.907 0.963 0.907 0.852 0.766 0.639	2000 1.00 0.999 0.997 0.994 0.993 0.971 0.953 0.923 0.876 0.804 0.691 0.519 0.995 0.991 0.985 0.991 0.985 0.991 0.985 0.974 0.957 0.930 0.886 0.817 0.713	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.961 0.937 0.899 0.740 0.577 Uate 2010 1.00 0.998 0.995 0.991 0.986 0.978 0.995 0.991 0.986 0.978 0.965 0.943 0.909 0.857 0.777
25 30 35 40 45 50 55 60 55 60 57 80 85 Age 25 30 55 40 55 60 55 60 55 60 55 70	1990 1.00 0.993 0.986 0.976 0.962 0.944 0.918 0.882 0.831 0.766 0.678 0.563 0.409 1.00 0.982 0.964 0.941 0.916 0.884 0.839 0.776 0.694 0.591	2000 1.00 0.992 0.982 0.968 0.946 0.919 0.883 0.837 0.777 0.702 0.607 0.488 0.336 2000 1.00 0.985 0.966 0.943 0.996 0.943 0.996 0.943 0.996 0.943 0.906 0.943 0.906 0.943 0.906 0.943 0.906 0.943 0.905 0.966 0.943 0.905 0.966 0.943 0.905 0.955 0.559	2010 1.00 0.991 0.978 0.959 0.935 0.899 0.850 0.793 0.727 0.648 0.556 0.448 0.314 School 2010 1.00 0.982 0.961 0.937 0.906 0.858 0.789 0.704 0.614 0.511	1990 1.00 0.996 0.992 0.986 0.977 0.963 0.941 0.908 0.857 0.785 0.682 0.533 0.336 High S 1990 1.00 0.989 0.977 0.961 1.00 0.989 0.977 0.961 0.940 0.977 0.940 0.975 0.815 0.725 0.608	Chool Gr 2000 1.00 0.996 0.991 0.983 0.972 0.956 0.933 0.899 0.848 0.775 0.676 0.535 Non chool Gr 2000 1.00 0.990 0.966 0.946 0.914 0.871 0.815 0.738	aduate 2010 1.00 0.994 0.986 0.976 0.964 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.945 0.964 0.945 0.965 0.405 0.975 0.960 0.913 0.871 0.808 0.773 0.808 0.405 0.405 0.942 0.913 0.808 0.405 0.4	So 1990 1.00 0.998 0.996 0.993 0.989 0.949 0.949 0.949 0.917 0.869 0.795 0.683 0.515 White N So 1990 1.00 0.996 0.991 0.996 0.991 0.981 0.974 0.961 0.907 0.855 0.781	me Colle 2000 1.00 0.998 0.996 0.993 0.988 0.981 0.923 0.951 0.923 0.879 0.816 0.710 0.552 Male 2000 1.00 0.997 0.987 0.997 0.985 0.916 0.874 0.808	2010 1.00 0.998 0.995 0.991 0.985 0.977 0.964 0.945 0.917 0.945 0.917 0.945 0.917 0.945 0.917 0.945 0.920 0.730 0.588 2010 1.00 0.995 0.990 0.983 0.975 0.962 0.9943 0.912 0.866 0.806	1990 1.00 0.999 0.997 0.994 0.989 0.967 0.944 0.908 0.851 0.766 0.635 0.435 0.435 Colle 1990 1.00 0.997 0.992 0.986 0.977 0.963 0.943 0.907 0.943 0.907 0.943 0.907	2000 1.00 0.999 0.997 0.994 0.990 0.983 0.971 0.953 0.923 0.876 0.804 0.691 0.519 	2010 1.00 0.999 0.997 0.995 0.991 0.985 0.976 0.937 0.899 0.839 0.740 0.577 Uate 2010 1.00 0.998 0.995 0.991 0.986 0.978 0.965 0.943 0.909 0.857

Source: Authors' tabulations based on National Vital Statistics System multiple cause of death data ("NVSS - Public Use Data File Documentation" 2014) and U.S. Census data (Ruggles et al. 2010).

Appendix Table 2: Life Table Survival Probabilities, conditional on survival to age 25, by educational quartile rank

Non-Hispanic White Female

	В	ottom 25		Тор 75%						
Age	1990	2000	2010	1990	2000	2010				
25	1.000	1.000	1.000	1.000	1.000	1.000				
30	0.996	0.996	0.995	0.998	0.998	0.998				
35	0.991	0.991	0.988	0.997	0.996	0.996				
40	0.984	0.984	0.979	0.993	0.993	0.992				
45	0.974	0.974	0.967	0.989	0.987	0.987				
50	0.959	0.960	0.950	0.981	0.979	0.978				
55	0.933	0.955	0.927	0.963	0.950	0.965				
60	0.895	0.947	0.896	0.935	0.895	0.945				
65	0.844	0.893	0.854	0.890	0.854	0.915				
70	0.778	0.822	0.784	0.824	0.791	0.875				
75	0.680	0.751	0.664	0.730	0.699	0.797				
80	0.552	0.638	0.531	0.598	0.566	0.678				
85	0.384	0.440	0.369	0.418	0.398	0.508				
Non-Hispanic White Male										
	В	ottom 25	%		Top 75%					
Age	1990	2000	2010	1990	2000	2010				
25	1.000	1.000	1.000	1.000	1.000	1.000				
30	0.988	0.991	0.989	0.996	0.997	0.996				
35	0.975	0.981	0.977	0.991	0.993	0.991				
40	0.957	0.968	0.964	0.985	0.987	0.986				
45	0.935	0.948	0.946	0.975	0.979	0.978				
50	0.907	0.920	0.919	0.962	0.966	0.965				
55	0.860	0.909	0.879	0.933	0.925	0.946				
60	0.797	0.894	0.823	0.885	0.854	0.916				
65	0.713	0.833	0.753	0.810	0.791	0.872				
70	0.608	0.739	0.651	0.705	0.702	0.815				
75	0.466	0.598	0.509	0.567	0.579	0.710				
80	0.310	0.441	0.356	0.392	0.415	0.564				
85	0.160	0.220	0.208	0.209	0.244	0.368				

Source: Authors' tabulations based on National Vital Statistics System multiple cause of death data ("NVSS - Public Use Data File Documentation" 2014) and U.S. Census data (Ruggles et al. 2010).