

Joint Center for Housing Studies

Harvard University

Updating and Extending the Joint Center Household Projections Using New Census Bureau Population Projections

George S. Masnick and Zhu Xiao Di

N00-1

October 2000

George S. Masnick and Zhu Xiao Di are members of the Joint Center for Housing Studies of Harvard University.

© by George S. Masnick and Zhu Xiao Di. All rights reserved. Short sections of text, not to exceed two paragraphs, may be quoted without explicit permission provided that full credit, including © notice, is given to the source.

Any opinions expressed are those of the authors and not those of the Joint Center for Housing Studies of Harvard University or of any of the persons or organizations providing support to the Joint Center for Housing Studies.

Updating and Extending the Joint Center Household Projections Using New Census Bureau Population Projections

George S. Masnick and Zhu Xiao Di

Joint Center for Housing Studies

N00-1

October 2000

Abstract

This working paper updates the previous household projections reported in Masnick et. al. (1996), and should be read as a companion piece to the 1996 working paper.¹ These revisions to the previous household projections are based on the United States Census Bureau's latest round of national population projections released in January 2000, and also incorporate more recent trends in household formation through 1999. The projections reported here go to the year 2020, compared to 2010 in the previous series. In addition, for the first time, the projections are produced in two ways. Similar to previous projections, a series driven by total resident population projections using average household headship rates projected by age and family type are presented. In addition, households projections are made separately for four race/Hispanic origin groups² using the same overall methodology. These sub-group projections are reported separately and then aggregated to what are called a "bottom-up" series, with the series based on the total resident population projections referred to as "top-down."³ Lastly, for the first time, projections of tenure-choice based on the top-down series are released .

¹ George S. Masnick, Nancy McArdle, and William C. Apgar, Jr., "U.S. Household Trends: The 1990s and Beyond," Joint Center for Housing Studies of Harvard University, Working Paper W96-2.

² Hispanics, non-Hispanic whites, non-Hispanic blacks and non-Hispanic Asians and others combined.

³ These experimental household projections by race and Hispanic origin of householder includes no compositional detail about household type, other than the family and non-family breakdown. These sub-group projections also do not include tenure choice. Recent trends in the detailed categories of household composition and tenure choice for the different race/Hispanic origin groups are particularly difficult to project with confidence. The influence of high levels of foreign immigration on trends in household composition and tenure choice of Asians and Hispanics must be approached with caution, and cannot be fully understood with available data.

Updating and Extending the Joint Center's Projections Using new Census Bureau Population Projections

by

George S. Masnick and Zhu Xiao Di

Introduction

In one important way the current projections are exactly similar to the previous projections. The percentage breakdown of the top-down series into more detailed household types uses the same assumptions reported in the previous work. After the release of the 2000 census data, the hope is to provide the “bottom-up” series with supportive analyses of trends in household composition and tenure-choice among each of the four race/Hispanic origin groups. These analyses must necessarily look at differences between native-born and foreign-born residents. Decennial 2000 census data will provide the needed benchmarks to better understand the influence of immigration on household change.

Because both the population-age profiles and household-formation rates are quite dissimilar across the four race/Hispanic origin groups, an *a priori* case might be made that the bottom-up approach will give a better national series for total households, family and non-family households, and households by age of head. The problem that arises in supporting this position is that the Current Population Survey (CPS) data used to run the projection model become less reliable the finer sub-populations by age, race/Hispanic origin, and family type are defined. There is greater risk of finding trends at the sub-population level that are not real, but are the result of sampling variability, methodological changes in the way that the data are collected, or period-economic or policy-driven forces affecting particular sub-groups that could change quickly. As it turns out, the top-down and bottom-up household projections are quite similar. This argues for confidence in using the top-down national series at this time because it also provides greater detail about household composition and tenure choice. The similarity in the two series also boosts confidence in the value of the individual race/Hispanic projections.

The discussion of both the cohort methodology and the overall thematic results of the national household projections that are found in the earlier paper are generally echoed in the current set of household projections. The only differences are in the details of the numbers,

and these differences are duly noted below. The reader is referred to the previous study for a full description of the methodology and an overview of the themes embodied in the household projections.

The overall patterns of household growth are very similar to the patterns in the earlier series. In particular, the projections show:

- the continued decline in average household size as households shift toward the single person and married without minor children categories
- the rapid “middle aging” of household heads as the baby boomers age into their 50s
- the continued expansion of the number of elderly households (heads age 75+) as improvements in longevity and the financial ability of the elderly to maintain independent living arrangements continues.

The results of the separate projections by race/Hispanic origin are not discussed here in any great detail as these findings are the subject of a future working paper.

The New Census Bureau Population Projections

The national population projections released by the Census Bureau in January 2000 are different from the previous (P25-1130) projections in several ways:

- the new projections incorporate the high levels of net foreign immigration of the late 1990s into the jump-off baseline population estimates. Previous population projections were based on an assumed 820,000 net foreign immigration from 1995 onward, whereas current estimates of immigration in the late 1990s are in the range of 950,000 annually. This increase definitely affects our household projections because it increases the number of adults in the prime household-formation age groups right from year one of the projections, especially for minority sub-populations.
- in their latest projections the Census Bureau assumes a changing pattern of net foreign immigration in contrast to having held net immigration constant at 820,000 per year in previous (middle series) projections. The projected pattern of net immigration starts out at the level of the late 1990s estimates, about 950,000 annually. It holds this level until 2004, when it begins to decline to just over

700,000 per year by 2010. It then slowly rises to 750,000 per year in 2020, after which it quickly rises to about 1,000,000 per year in 2030 and remains above 900,000 annually until 2050.⁴ The stated reasoning behind this peculiar choice of immigration trend is as follows. Anti-immigrant political sentiments and public policies will exert downward pressure on immigration over the next 20 years. After 2020, however, when it becomes apparent to everyone that the large retiring baby boom cohorts cannot be supported by Social Security and Medicare payments derived from the smaller cohorts of active workers, the demand for foreign workers will make it more politically expedient to liberalize immigration policy. While it is hard to disagree with the logic of such an argument, it is equally hard to place much faith in the exact trajectory of decline and rise in immigration that is predicted.⁵

- Hispanic fertility rates are allowed to converge to the national average whereas in the earlier projections they were held constant. This new assumption has only a minor effect on our household projections, for it is not until 2020 and beyond that children born today will reach the household-formation age groups.
- The latest population projections are extended to 2100, again not a particular advantage since this paper only takes household projections to 2020.
- The new population projections contain a breakdown by native-born and foreign-born. This is a feature that will be used once the 2000 Census data are released as research on trends in household composition and tenure-choice of minority sub-populations continues.

Figure 1 shows the 1995 population estimates by age, and Figure 2 presents the old and new Census population projections for 2010. Comparing these two exhibits shows the aging of the baby boom cohorts, from their 30s and early 40s in 1995 to their mid-40s and 50s in 2010. Also shown in Figure 2 is the appearance of the echo boom cohorts in the young

⁴ These figures represent the Middle Series projections. The Census Bureau's Low Series assumes steadily declining net immigration to 120,000 by 2020 and the High Series steadily rising net immigration to 1,800,000 annually by 2020. Neither of these alternative series appears to be useful for our household projections. See Frederick W. Hollmann, Tammany J. Mulder and Jeffrey E. Kallan, "Methodology and Assumptions for the Population Projections of the United States: 1999 to 2100," U.S. Bureau of the Census, Population Division Working Paper No. 38, January 13, 2000.

⁵ The slight weakening in the annual rate of net new household formation projected over the next 10 years might not materialize under a scenario in which immigration levels are sustained at 900,000 or more annually.

adult ages by 2010. The difference between the old and new projections in the numbers of adults between ages 25 and 55 is also seen in Figure 2. The higher numbers in the recent series reflect the higher levels of net immigration contained in this series compared to levels assumed in the old P25-1130 numbers.

Figure 3 demonstrates that the new population-projection assumptions resulted in virtually no change in the number of non-Hispanic whites in each age group when compared to the previous projections. Rather, the new immigration assumptions increased the number of young and middle-aged adults among non-Hispanic blacks, non-Hispanic Asians and others, and among Hispanics (Figures 4-6). This greater population growth translates into between 50 and 100 thousand more households formed per year between 1995 and 2005 (about 5 to 8 percent more).

Headship Rate Trends

Household projections are produced by multiplying population projections in 5-year age groups by equally detailed projections of family and non-family headship rates. The previous Joint Center household projections assumed a continuation of the shift from family to non-family headship observed in recent years as delayed marriage, high divorce, and declining remarriage increased the incidence of non-family households. In addition, the movement of adult children away from single-parent households continued to impact household composition. Nest-emptying in a married-couple household still leaves that household categorized as a family household, but nest-emptying in a single-parent household transforms it from a family to a non-family one in most cases.⁶ In the previous household projections, cohort-trended family and non-family headship rates were derived from 1990 and 1995 CPS data incorporating certain adjustments.

The present household projections are based upon 1993-1998 cohort trends in family and non-family headship rates. To derive these trends, three years worth of March Current Population Survey (CPS) data were averaged and smoothed to derive the 1993 (1992, 1993 and 1994 average) and 1998 (1997, 1998 and 1999 average) data points.⁷ Headship rates used

⁶ Only when there is a relative of the householder present, such as a parent or sibling, does the family status remain unchanged.

⁷ These averaged data points were smoothed using a 5th degree polynomial.

to derive cohort trends were calculated using both CPS households estimated by age and family type for the numerator and CPS population estimates (corrected for undercount) in the denominator. These cohort headship-rate trends were then applied to the 1995 mid-decade estimated jump-off headship rates derived by averaging 1991 through 1999 March CPS households for the numerator and Census Bureau annual population estimates (which contain an undercount consistent with the 1990 census undercount) for the denominator of the headship rates. Using unadjusted population numbers for denominator of the baseline headship rates is important because these rates are being applied to population projections that are made to be consistent with decennial census data and are also unadjusted for undercount. Such headship rates automatically correct the projected household numbers for undercount and make them consistent with CPS household estimates.⁸

The cohort trends between the averaged/smoothed 1993 and 1998 CPS data for family and non-family headship rates are plotted in Figures 7 and 8. The downward trend in family headship and the upward trend in non-family headship are largely offsetting, so the change in total headship between 1993 and 1998 was small (Figure 9). Total headship increased slightly for young adults and decreased slightly for middle-age adults during this period. Improvements in headship for young adults is consistent with a good economy supporting independent household formation. Modest declines in headship for middle-age adults are consistent with declining divorce rates that have marked these age groups in recent years. The ability to project the separate trends for family and non-family households is important in both generating the detailed household composition that is part of the projections, and in modeling tenure-choice.

Projected headship rates based on cohort trending need to have the trends dampened. Without dampening, the trends of the baseline period would be propagated indefinitely into the future and would lead to entirely unrealistic future levels of family and non-family headship. The current projections dampen the 1993-1998 cohort trends by reducing the cohort trends across all age groups by 25 percent during the first projection period (1995-

⁸ The previous Joint Center household projections also followed this methodology to derive baseline headship rates. The cohort headship trends, however, were not made with undercount adjusted population numbers in the denominator, and therefore confounded both headship trends and undercount differences between age groups when calculating cohort trends in headship. This error was less serious when all racial groups were combined, as in the previous projections, but becomes more of an issue when cohort trends are tracked separately for the separate race/Hispanic origin sub-populations.

2000), by 50 percent for the next period (2000-2005), and by 75 percent for the next (2005-2010), with headship rates for 2015 and 2020 held constant at 2010 levels. The projected headship rates are given in Table 1.

Figure 10 presents the results of our top-down household projection model, plotting the number of net new households contributed by each 5-year age cohort in each 5-year period from 1995 to 2010. The largest numbers of net new households are formed when a cohort moves from age 15-19 to age 20-24. As the cohort moves into the next age group, fewer new households are formed, and fewer yet when the cohort ages into the 30-34 age group. By the time the cohort moves from age 40-44 at the beginning of a 5-year period to age 45-49 at the end, it begins to lose households on net. Net losses take place when the gross gains because of new household formation are more than offset by gross losses from the merging of households, from households moving abroad, and from household dissolution. The small net losses in the middle-age groups mean that these gross flows are small and almost balance out. In the oldest age groups, losses occur not only because of death to the head of a single-person household, but also because of multiple deaths within a 5-year period to married spouses, losses from giving up a household in old age to move in with relatives or friends, and losses due to institutionalization of a household head. These net losses are modest until the 75+ age group when large net cohort household losses begin to occur. The losses are large because the open-ended 75+ category includes groups moving from age 75-79 to 80-84, 80-84 to 85-89, 85-89 to 90-94 and so on. Particularly in the older age-group transitions large losses of households occur.

Figure 10 also shows the increase in the number of new households being formed by cohorts moving through their 20s in successive periods as the larger echo-boom generation born after 1977 reaches the prime household formation age groups during the first decade of the twenty-first century. On the flip side of this coin is the aging of the baby bust generation as they age into their late 30s and early 40s. Here, slightly smaller contributions to net household growth with successive cohorts appear. Finally, one of the largest shifts is the increasing loss of households in the 75+ age group between 1995-2000 and 2000-2005, as these elderly cohorts become five years older. The larger cohorts from the second decade of the twentieth century (inflated by the children of European immigrants) are reaching the ripe old age of 85 and beyond during the first decade of the twenty-first century, and net

household losses will increase. It is this increase in the net household losses to older cohorts between 2000 and 2005 that offset the increases in household growth to echo boomers. This loss holds annual net household formation overall below the 1.2 million range for that period. After 2010, the smaller cohorts from the 1920s and 1930s will be the ones that reach ripe old age, and the trend in cohort losses in the 75+age group will moderate.

Household projections by age and detailed family type appear in Table 2, and projected annual growth numbers appear in Table 3. As mentioned earlier, the broad patterns of change in these new numbers are quite similar to what was described in the previous round of projections. Only the details are different.

Projections of Households by Race and Hispanic Origin

Figures 3-6 have already shown that the population-age structures of the four race/Hispanic origin groups are projected in 2010 to be very different. Even recognizing that the age structures depicted in these graphs are not entirely accurate due to differential undercount among the age groups and in differential undercount between the four race/Hispanic origin groups, fundamental race/Hispanic origin differences in basic age structure exist. Non-Hispanic whites have more of a baby-boom bulge, a well-defined baby bust, and a discernable echo boom that is well short of the numbers present in the baby boom cohorts. The Asians and others, in contrast, have a bulge in the age structure fully 20 years younger than the white boomer bulge, and not much of a bust or echo boom. These differences arise because the non-Hispanic white profile was determined principally by historical trends in fertility, while the Asian/other pattern was determined by historical trends in immigration. Hispanics have a completely different age structure profile, with each succeeding younger cohort being larger in size than the cohort that went before them in the age structure. Their age pattern is determined by both their historical migration levels and by the fact that Hispanic fertility is well above replacement. These age-structure differences will help determine future household growth among the four race/Hispanic origin groups.

In addition to differences in age structure, the four race/Hispanic origin groups have different profiles of age-specific family and non-family headship rates (see Figures 11 and 12). Headship rates for Asian/other families are lower than other groups among young adults and the elderly, where more doubling up of two or more families in a single household is

more common. Non-family headship among Asians/others is high among young adults, but falls below that of other groups by age 50. Non-Hispanic black non-family headship is particularly high from about age 35 on. Hispanic non-family headship remains well below either black or white headship across the entire age range.

Putting together these differences in age structure and in headship rates leads to different profiles of projected household growth across the four race/Hispanic origin groups. The methodology used to project households for the four groups is the same as was followed for the total population.⁹ Total household growth among the three minority groups combined now exceeds the growth in non-Hispanic white households (Figure 13). Furthermore, minority households are projected to increase in growth, while the number of white households added each year is projected to decline. By the end of the projection period, non-Hispanic white growth will even be surpassed by Hispanic growth alone (Figure 14).

Declining white household growth is due to the fact that projected household losses among white cohorts over the age of 50 are growing at a rate that more than offsets the increases in households projected for cohorts when they are under the age of 50. For minorities, even though their additions to the stock of households by those under the age of 50 are less than the non-Hispanic white additions, their losses among the older cohorts are far less than white losses (Figures 15 a-d). For the 2000-2010 decade, white gains for the under-50 cohorts are projected to be 14 million and losses to older cohorts almost 9.8 million, for a net gain of 4.3 million. Minorities are projected to have a net gain of 9.2 million households to cohorts while they are under age 50, while the losses to cohorts when they are over age 50 are only 1.8 million, for a gain of 7.5 million (Figure 16). The low losses for minorities follow from the fact that there are fewer minority households headed by older householders because of the age structure of the minority population and the lower headship rates of Hispanics and Asians among the elderly. Over the next 20 years, the increase in elderly household loss among minorities does not keep pace with the projected increase in minority gains, and total net household growth for minorities trends upward. Of course, over the longer term, eventually the young minority households being formed today will reach ripe old

⁹ The only difference is that averaging of the averaged 1993 and 1998 estimates produced the 1995 jump-off headship rates. This was done to get around some peculiarities that appeared in the race breakdowns in actual 1995 CPS data.

age and the net losses to older cohorts will increase. But this will not happen for many decades.

The detailed annual bottom-up projections by race/Hispanic origin, and family type are presented in Appendix A. Projections by age, race/Hispanic origin, and family type at 5-year intervals are given in Appendix B. Comparisons between the old Joint Center household projections and both the top-down and bottom-up series are found in Figures 17-19. For total households, the top-down and bottom-up projections are very similar, and differ from the old Joint Center projections in minor ways. There are slightly more households with heads aged 35-44 in the new projections (reflecting the higher immigration assumptions), and slightly fewer households in the 55-64 and 65-74 age groups (reflecting slightly lower headship rates in these age groups in the new projections). When family and non-family households are examined separately, these age differences in number of projected households are magnified. No longer are the top-down and bottom-up series almost identical. For family households, more growth is projected in the bottom-up series, and for non-family households, more growth is projected in the top-down series.

Table 4 summarizes the new Joint Center household projections and compares them with March Current Population Survey household estimates from 1995 to 1999. The fact that CPS estimates of annual household growth jump around as much as they do lends support to the decision to use three-year averages of CPS data and to smooth the headship rates. Throughout the 1995-1999 period, the average yearly household growth in both sets of Joint Center projections ran slightly ahead of the CPS averages, although not for every year (4-year average not shown). The bottom-up series ran slightly ahead of the top-down. This slight advantage to the bottom-up series continues during 2000-2005, but afterward the advantage shifts to the top-down projections. This comparison suggests that the bottoming out and recovery in average annual household formation projected in the national (top-down) series, as the echo boom moves through the household formation age groups after 2005, might not be as strong as predicted once it is recognized that an important share of the echo-boom cohort is minority. However, given the importance of immigration for minority household growth, the projected sharp declines in immigration between 2005 and 2010 in the new Census Bureau population projections may more sensitively affect the bottom-up series.

Projections of Tenure-Choice

The Joint Center household-projection model permits a projection tenure of choice for family and non-family households. To run the model one must choose both a baseline ownership rate and a cohort trend. Similar to the choice for headship rates, 1995 average ownership rates were selected as the jump-off and 1993 average to 1998 average cohort-ownership trends were chosen to produce projected ownership rates. Unlike the strategy with headship rates, which are much more demographically driven, future ownership trends are driven more by economic factors that cannot be projected with confidence. Consequently, a very high ownership series is projected based upon extrapolation of 1993-1998 trends, a period extremely favorable to homeownership growth, and a low series based upon holding homeownership rates constant at 1998 levels. A middle series was derived by taking the simple average of the high and low series. The consequences of these alternative assumptions on the total U.S. homeownership rate can be seen in Figure 20 and Table 5. The projected age-specific ownership rates that are implied in the middle series are reproduced in Table 6.

Several comments and qualifications about ownership rate projections are in order. It would be extremely unlikely that the very high series would actually materialize in the longer-term future. The cohort trends used to produce this series were not dampened. It is unlikely that the extremely favorable climate for homeownership of the mid-1990s would be sustained for another 20 years, but this assumption of undampened cohort-trended ownership is retained to have an ownership series that can be truly said to represent the outer limits of potential ownership growth. In a similar vein, the low series based on holding ownership constant is selected based on the belief that ownership rates cannot decline in the future. Rather, this series is included to show that the simple aging of the population will tend to drive ownership rates slowly upward. The middle series is perhaps best viewed as a target for rising homeownership that might reasonably be achieved under a scenario of generally favorable economic conditions, and sustained public policy efforts to boost homeownership among underserved population groups.

The middle ownership series is probably the most realistic scenario, especially over the short-to-middle run. However, the widening range of values between the high and low series should be understood as indicating a range of uncertainty about the projections of homeownership. The further out in time you go, the more the uncertainty. It is difficult to

say that any future level is “more likely.” Perhaps these projections are most useful simply as “targets.” The high series is a target that can only be reached if all the trends that have resulted in the recent increase in homeownership rates are sustained. The low scenario is the target that could be attained if there are not declines in age-specific ownership rates similar to what we experienced in the 1980s. Any declines would push the ownership rate below the low series. The middle series could also be viewed as a target – one that represents a successful continuation of the recent trends without the requirement that all of the economic, demographic, and public policy trends affecting homeownership be optimal.

With all of these caveats having been stated, Table 7 gives a detailed breakdown of the projected households by age, family type, and tenure under the middle scenario. This series shows only a slow growth in renter households, with most of the net increase in households taking place on the owner side. This pattern of tenure-choice is similar to the trends observed over the past five years.

Figure 1

**Census Bureau Population Estimates
By Age: 1995**

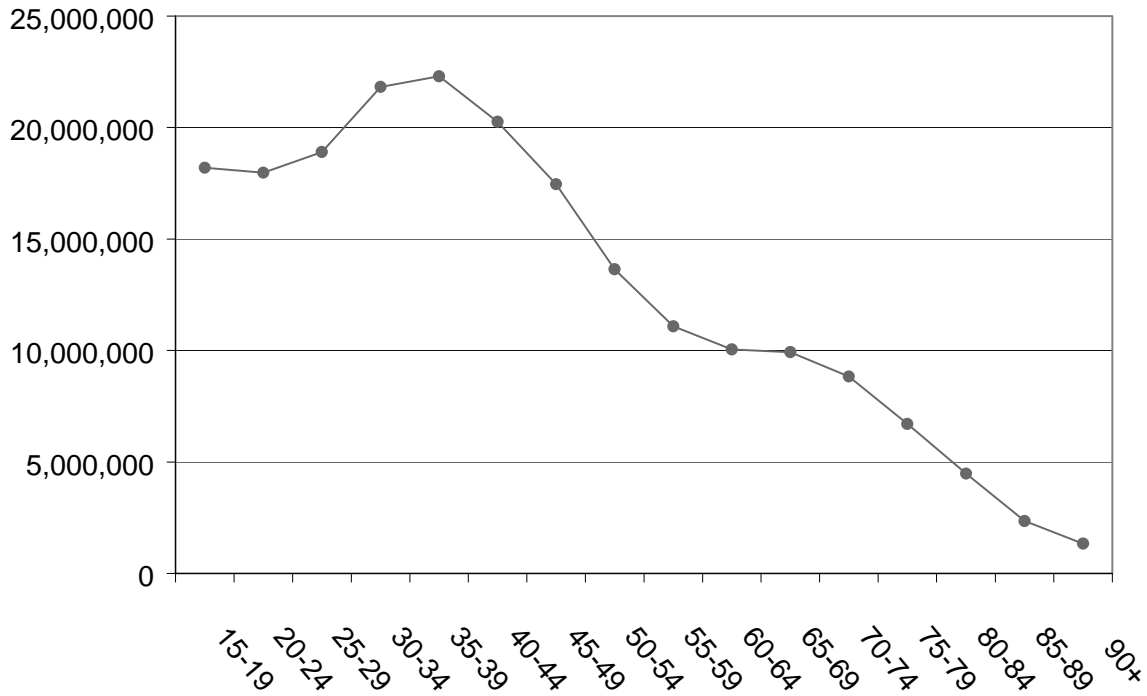


Figure 2

**Comparison of Old (P25-1130) and New (Jan. 2000)
Census Bureau Population Projections
2010**

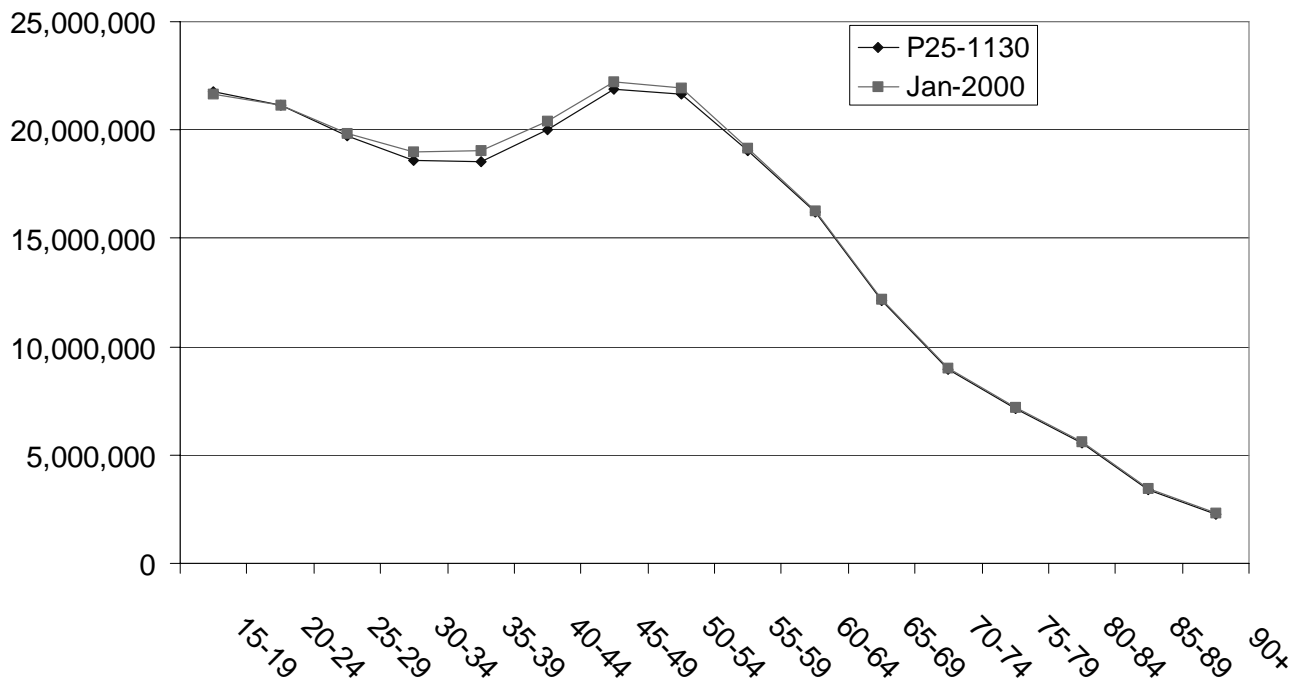


Figure 3 Comparison of Old (P25-1130) and New (Jan. 2000) Census Bureau Population Projections
Non-Hispanic Whites: 2010

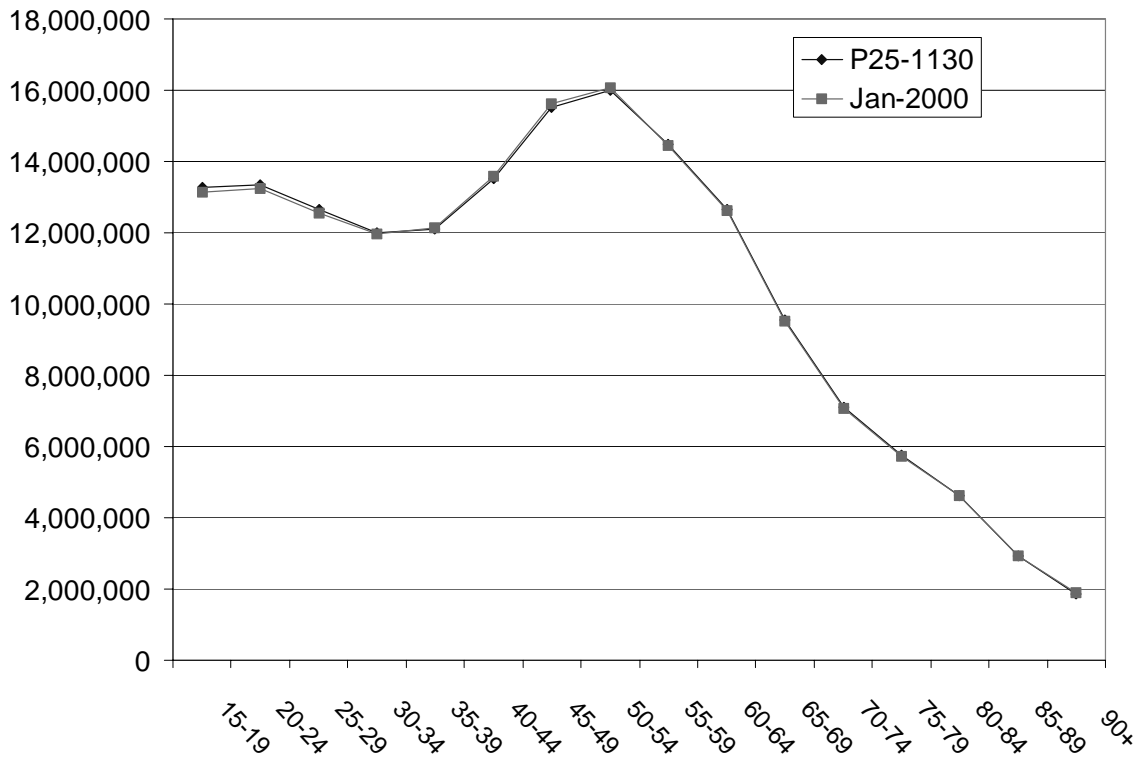


Figure 4 Comparison of Old (P25-1130) and New (Jan. 2000) Census Bureau Population Projections
Non-Hispanic Blacks: 2010

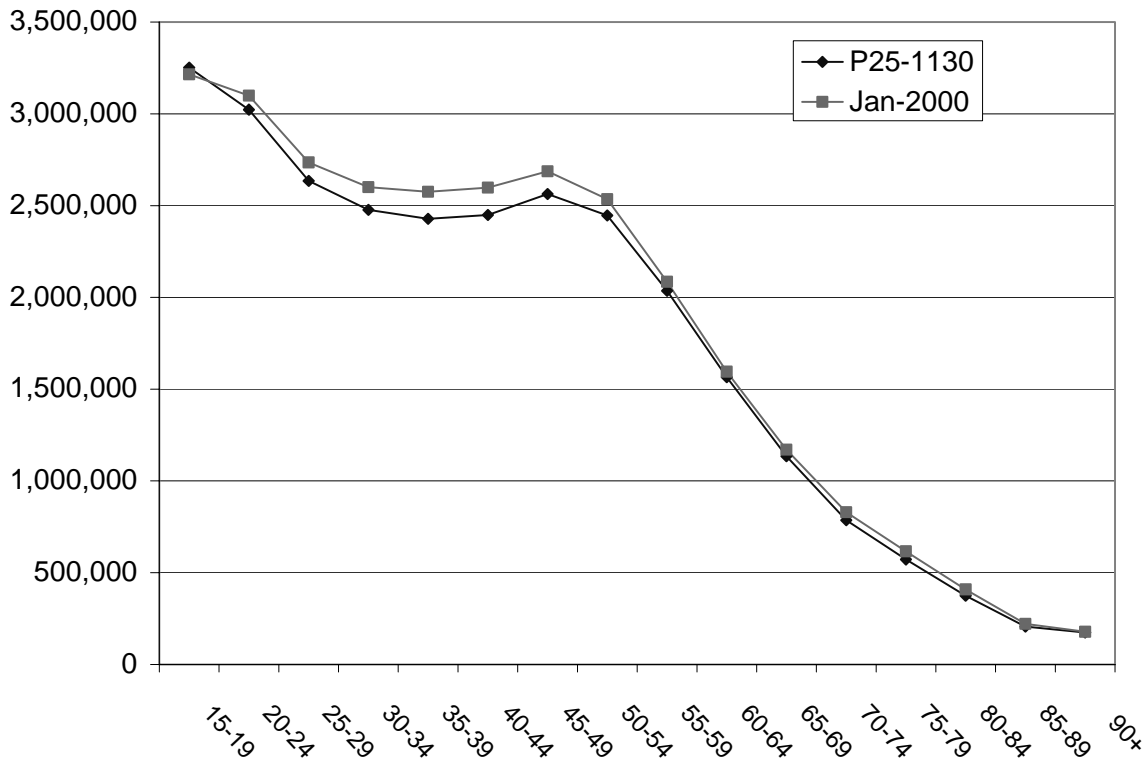


Figure 5 Comparison of Old (P25-1130) and New (Jan. 2000) Census Bureau Population Projections Non-Hispanic Asians and Others: 2010

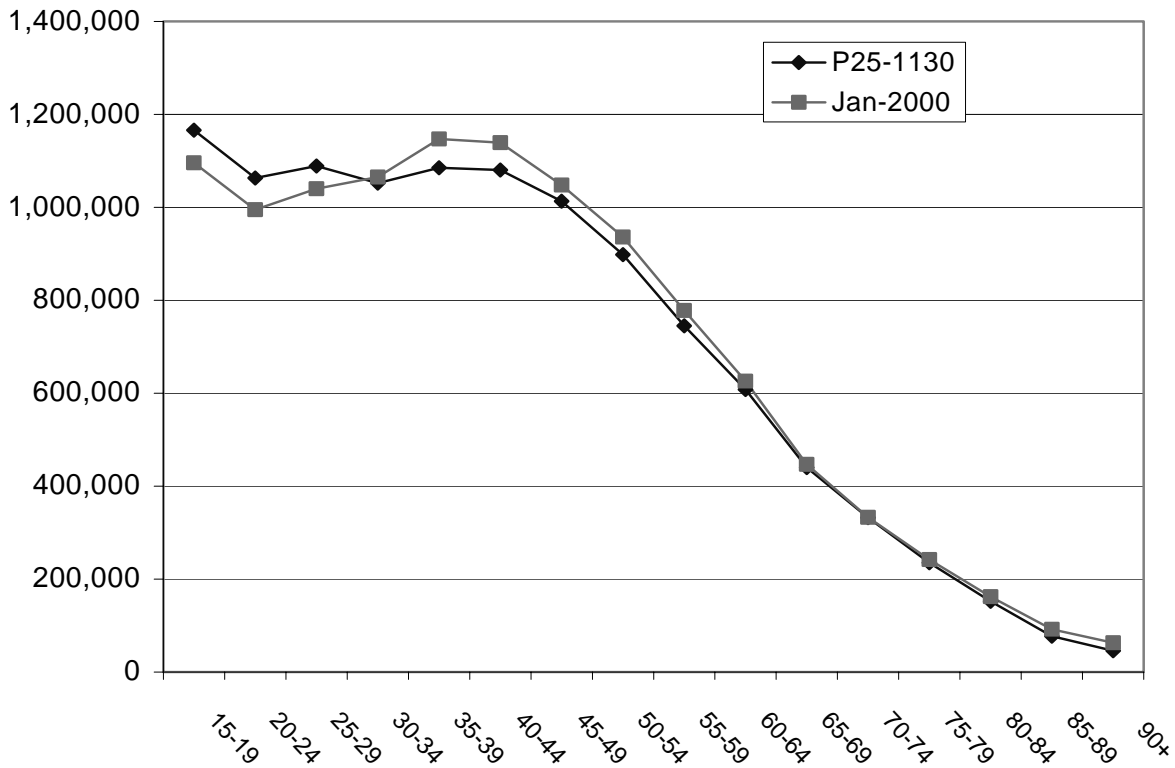


Figure 6 Comparison of Old (P25-1130) and New (Jan. 2000) Census Bureau Population Projections Hispanics: 2010

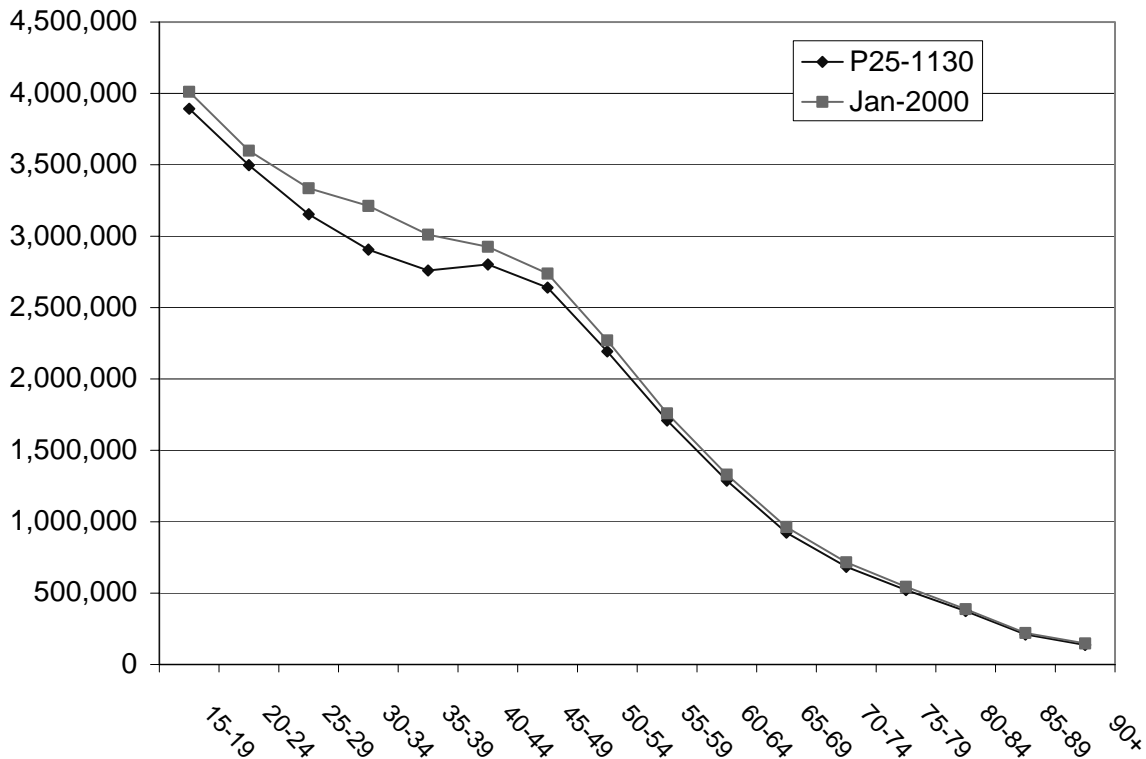


Figure 7

**Family Headship Rates (smoothed)
Cohort Trends 1993-1998**

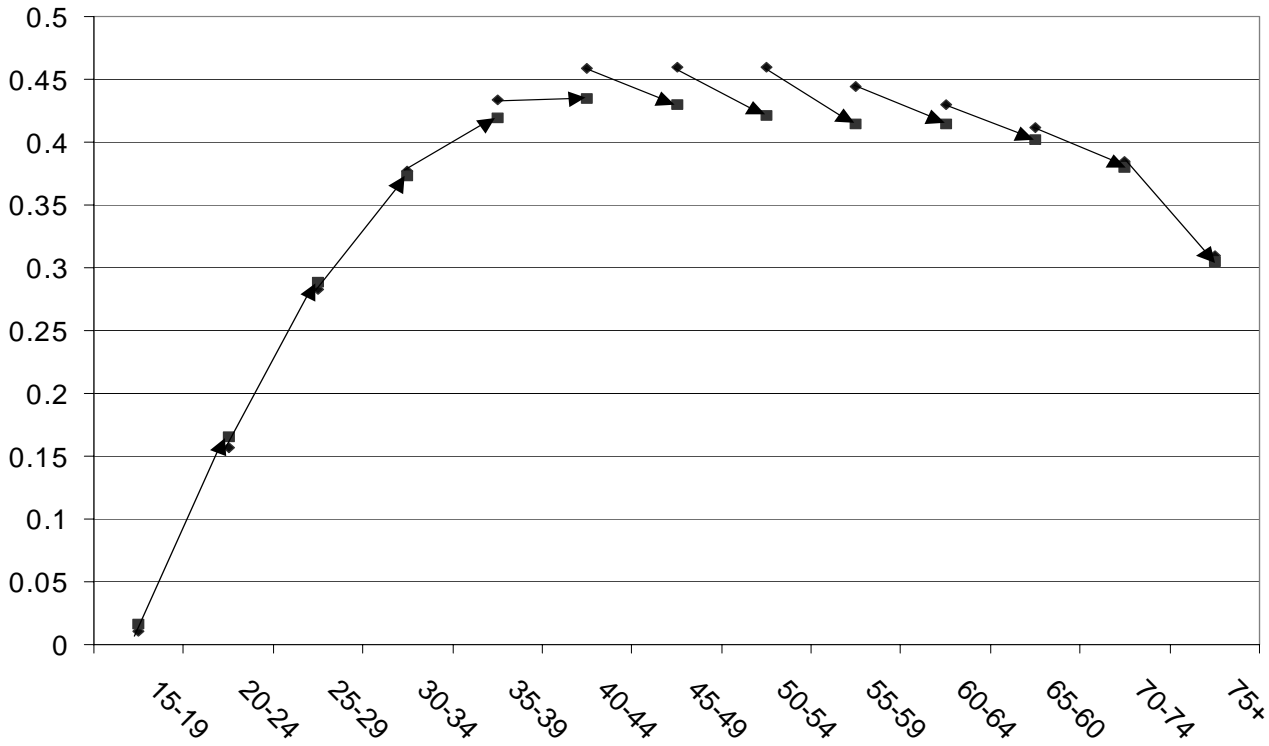


Figure 8

**Non-Family Headship Rates (smoothed)
Cohort Trends 1993-1998**

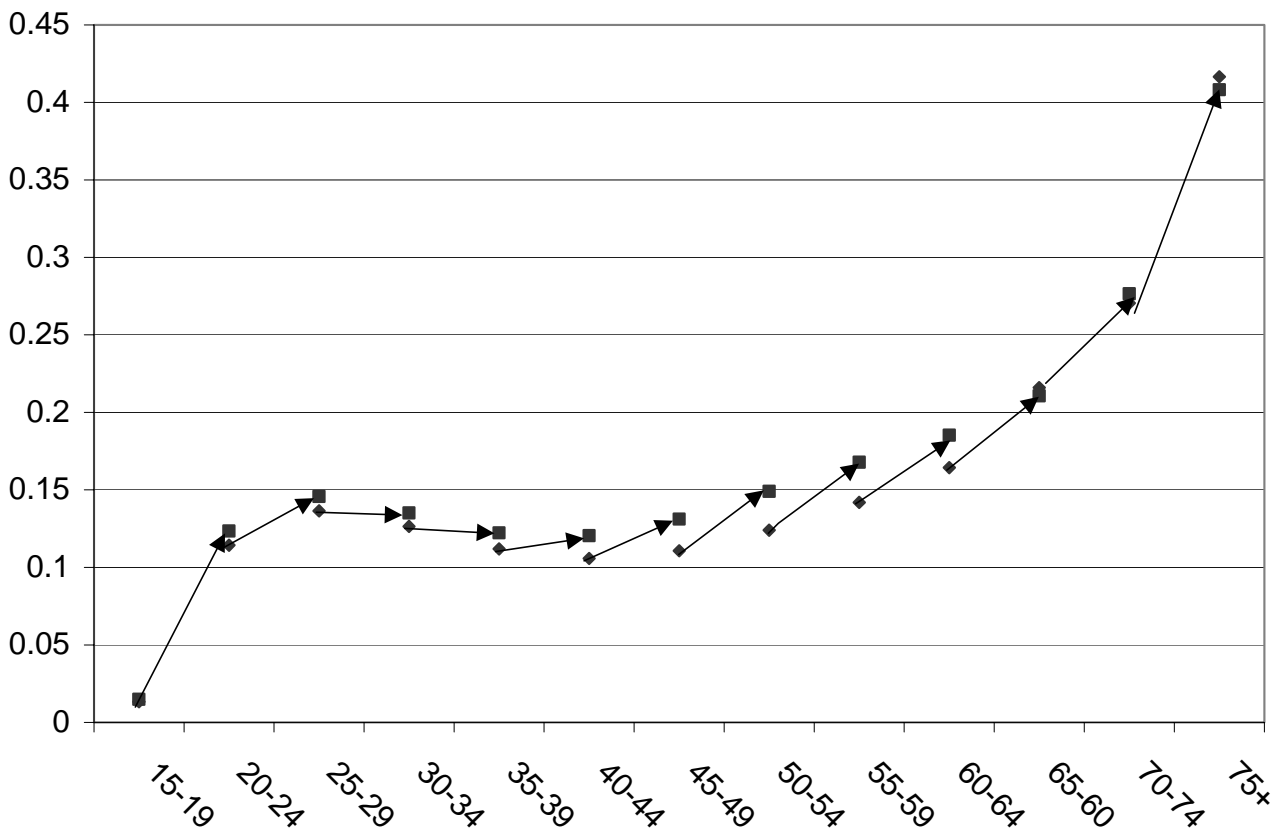


Figure 9

**Total Headship Rates (smoothed)
Average of 3 Years of CPS Data**

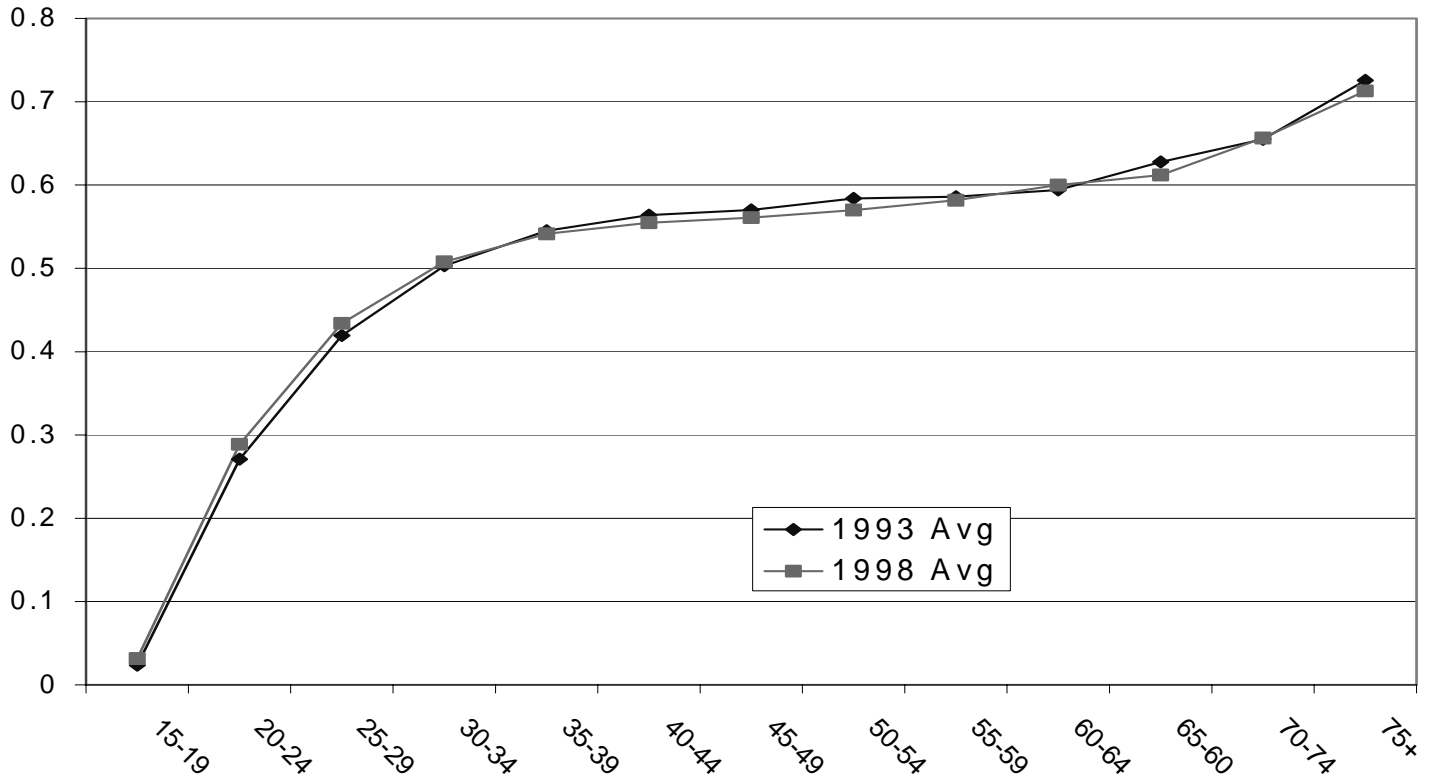


Figure 10

**Cohort Household Growth: 1995-2010
Broken Down by 5-Year Periods
Householder Age at End of Period**

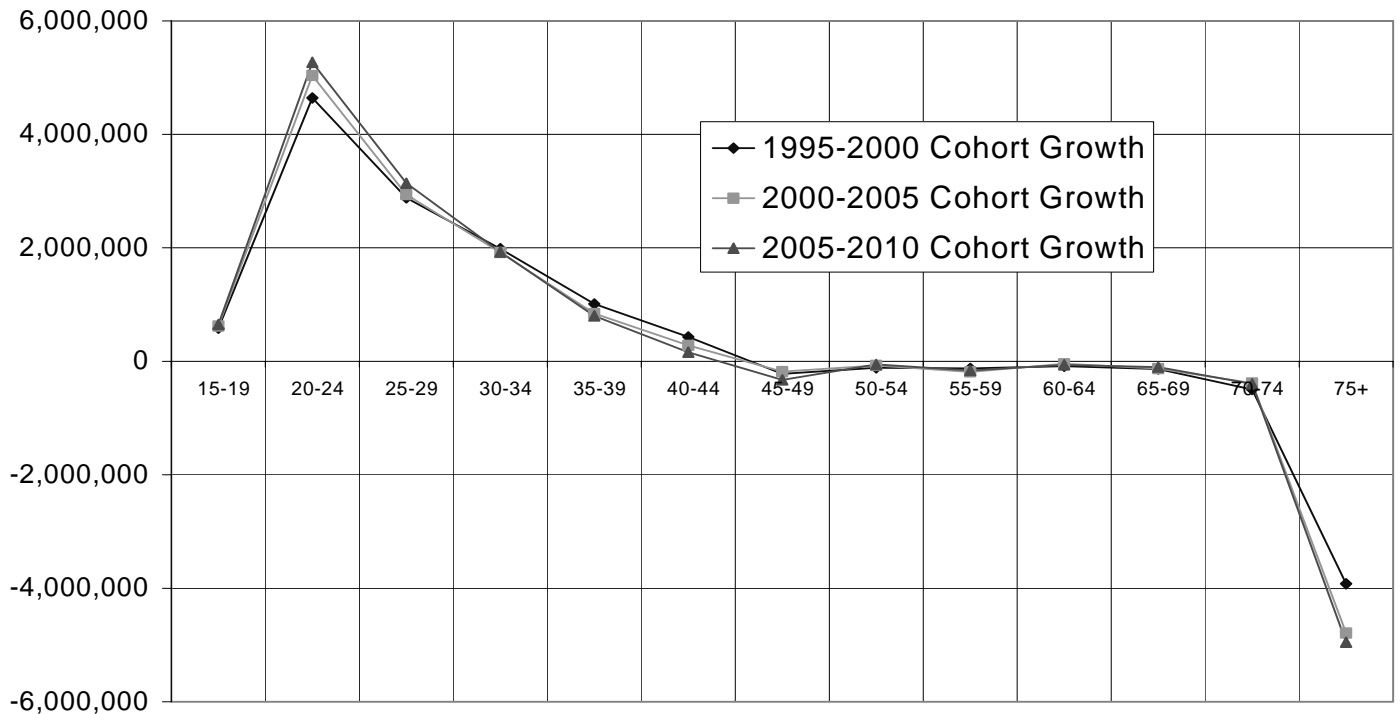


Figure 11

**Smoothed 1998 Avg. CPS Family Headship
Four Race/Hispanic Origin Groups**

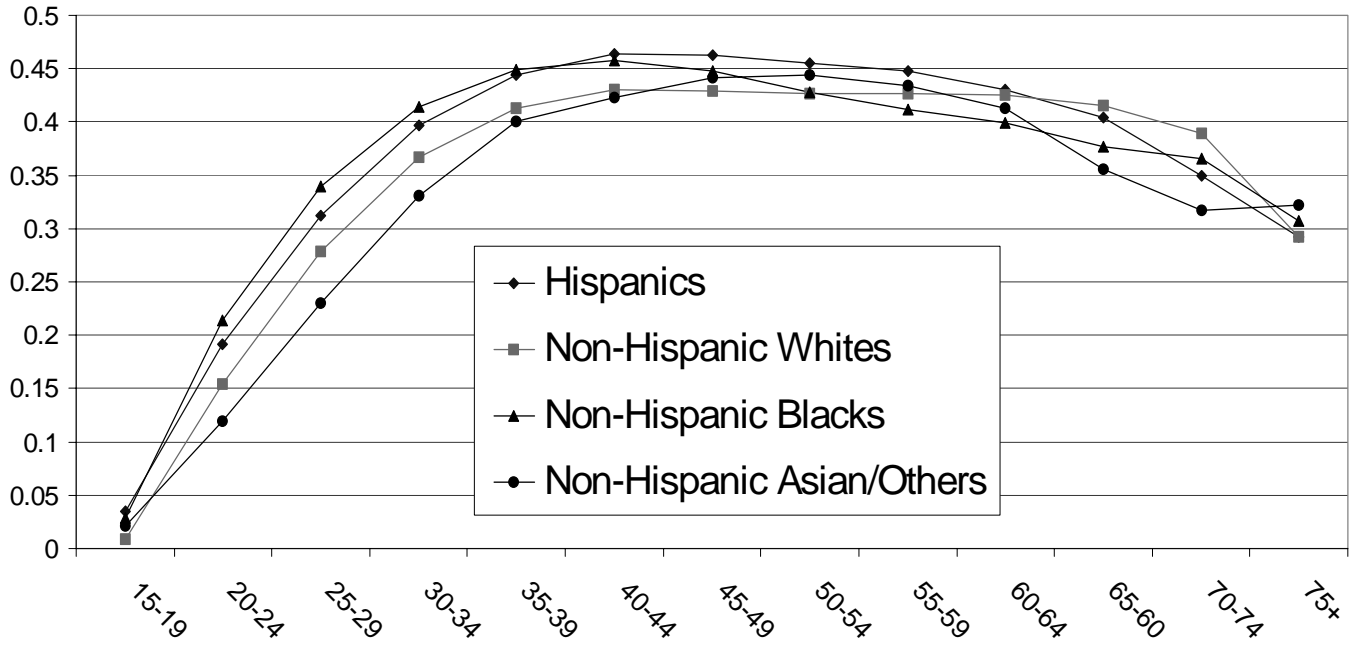


Figure 12

**Smoothed 1998 Avg. CPS Non-Family Headship
Four Race/Hispanic Origin Groups**

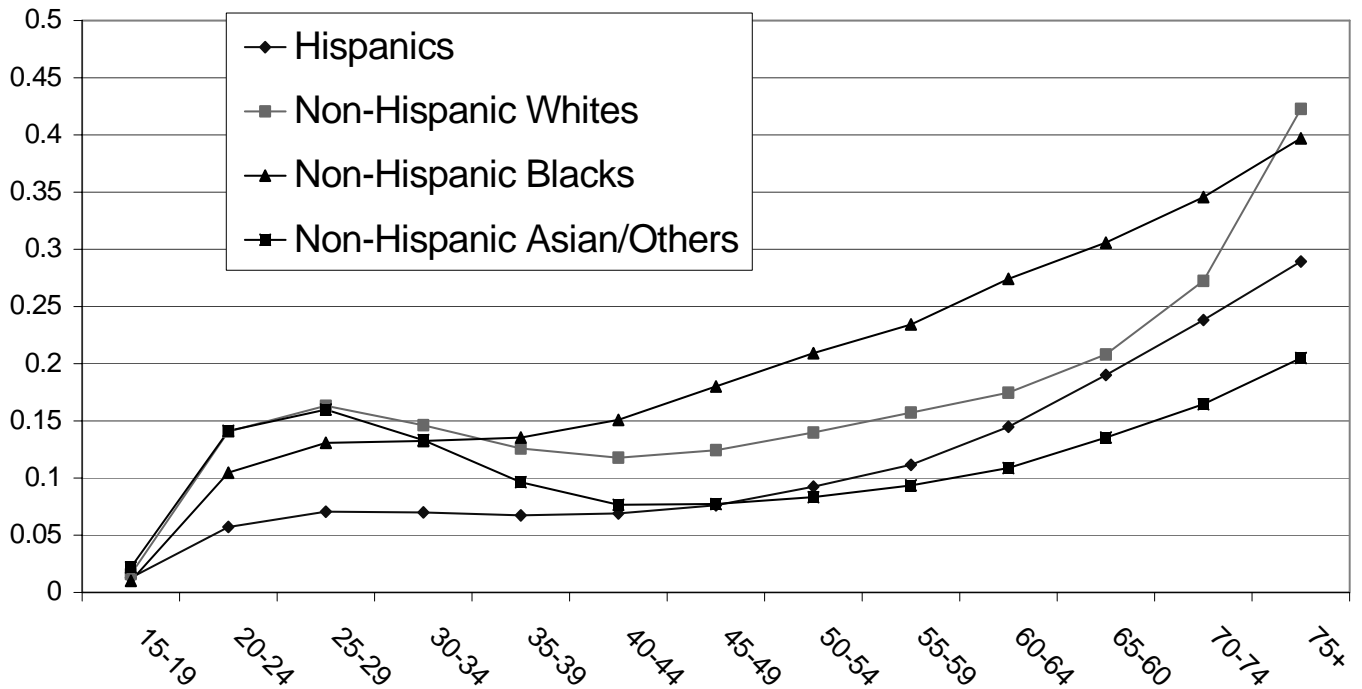


Figure 13

Projected Minority and Non-Hispanic White Annual Household Growth

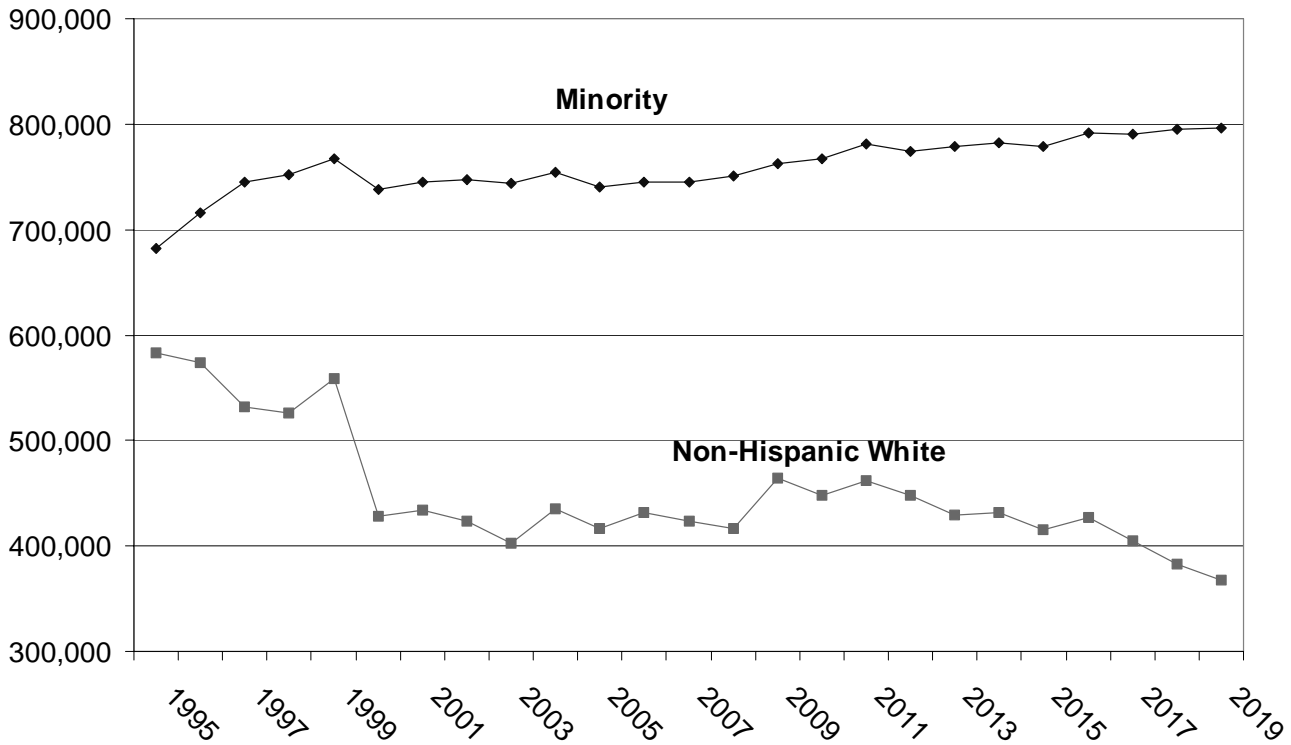
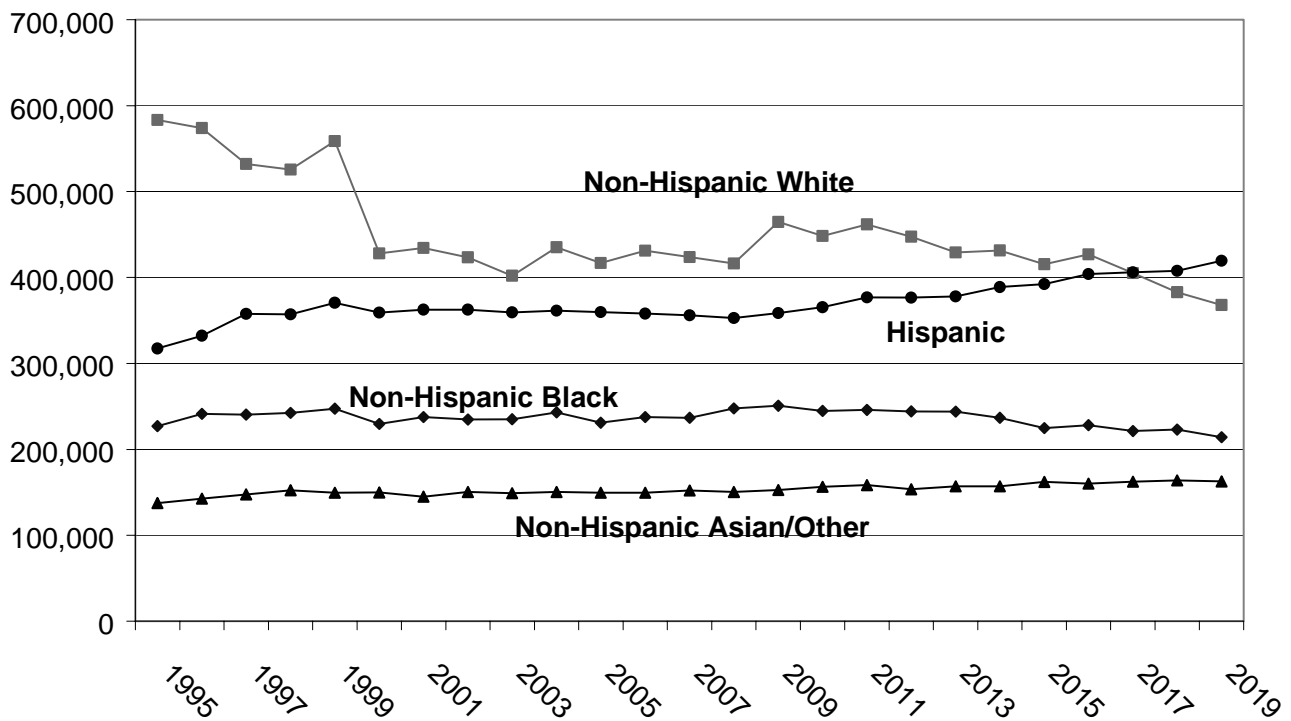


Figure 14

Projected Minority and Non-Hispanic White Annual Household Growth



Cohort Change in the Number of Households, 2000-2010: by Race/Hispanic Origin

Figure 15a

**Cohort Change in # Households: 2000-2010
Hispanics**

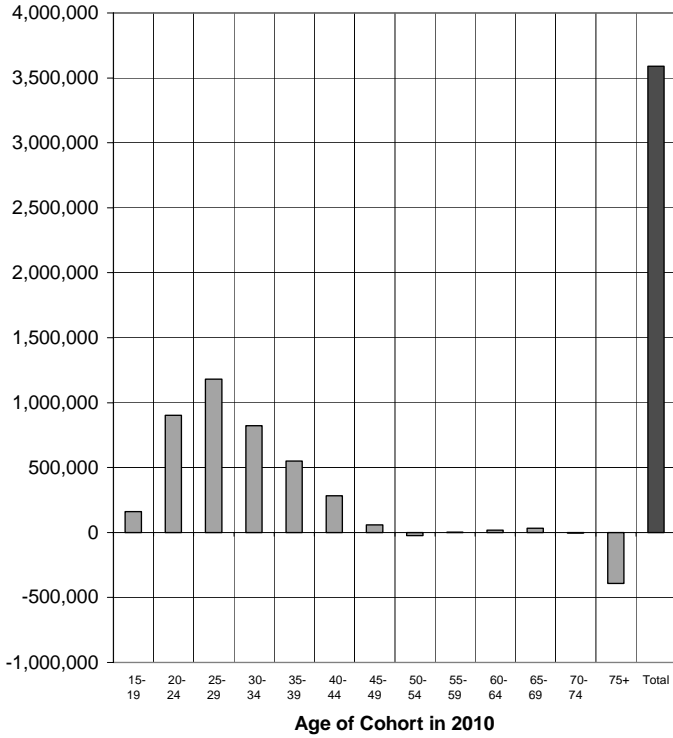


Figure 15b

**Cohort Change in # Households: 2000-2010
Non-Hispanic Whites**

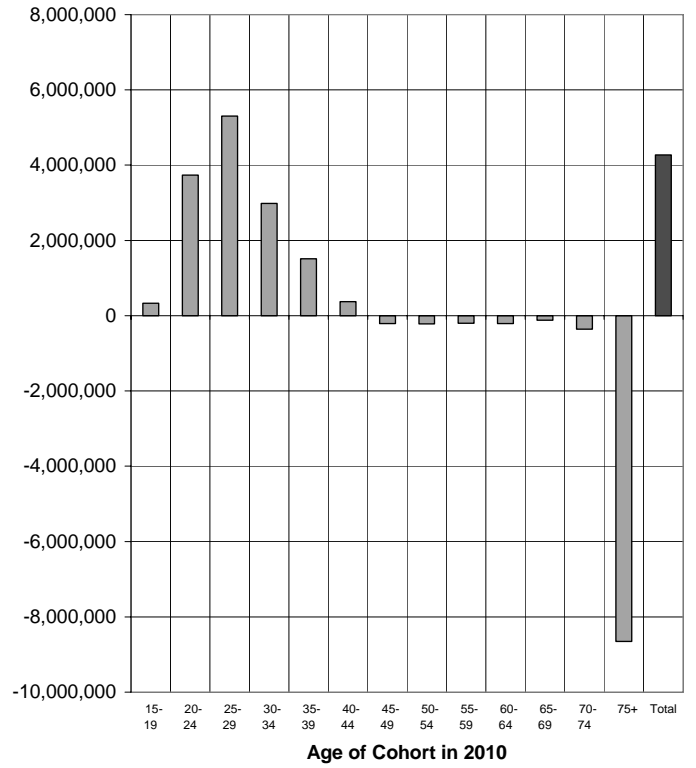


Figure 15c

**Cohort Change in # Households: 2000-2010
Non-Hispanic Blacks**

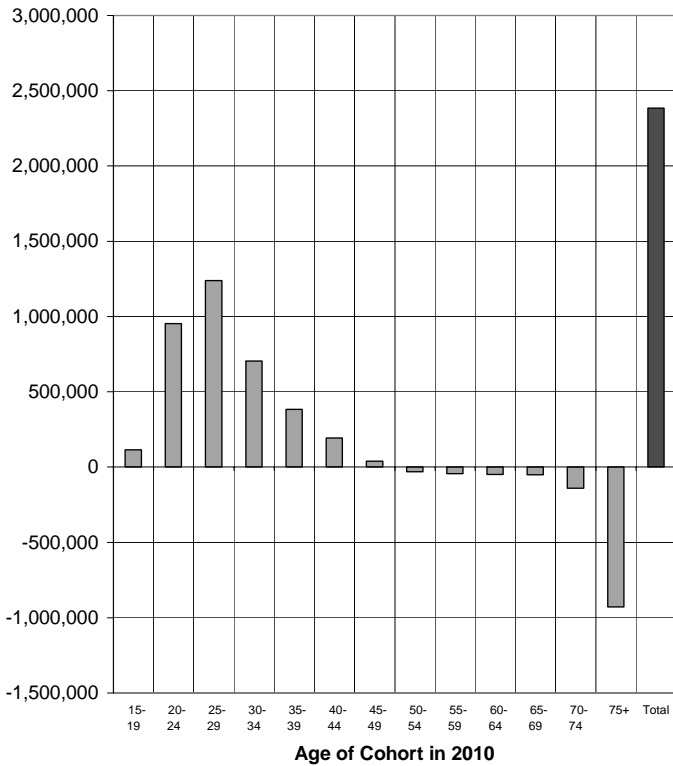
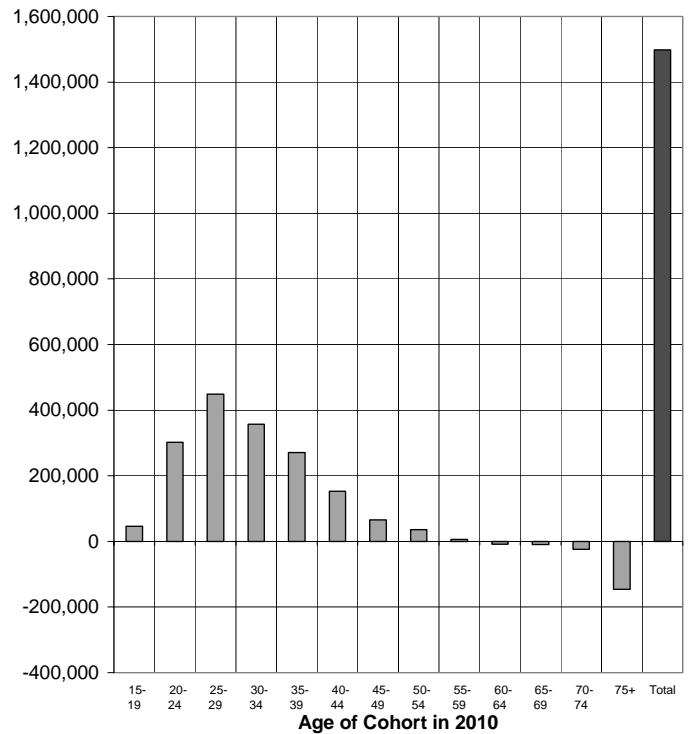
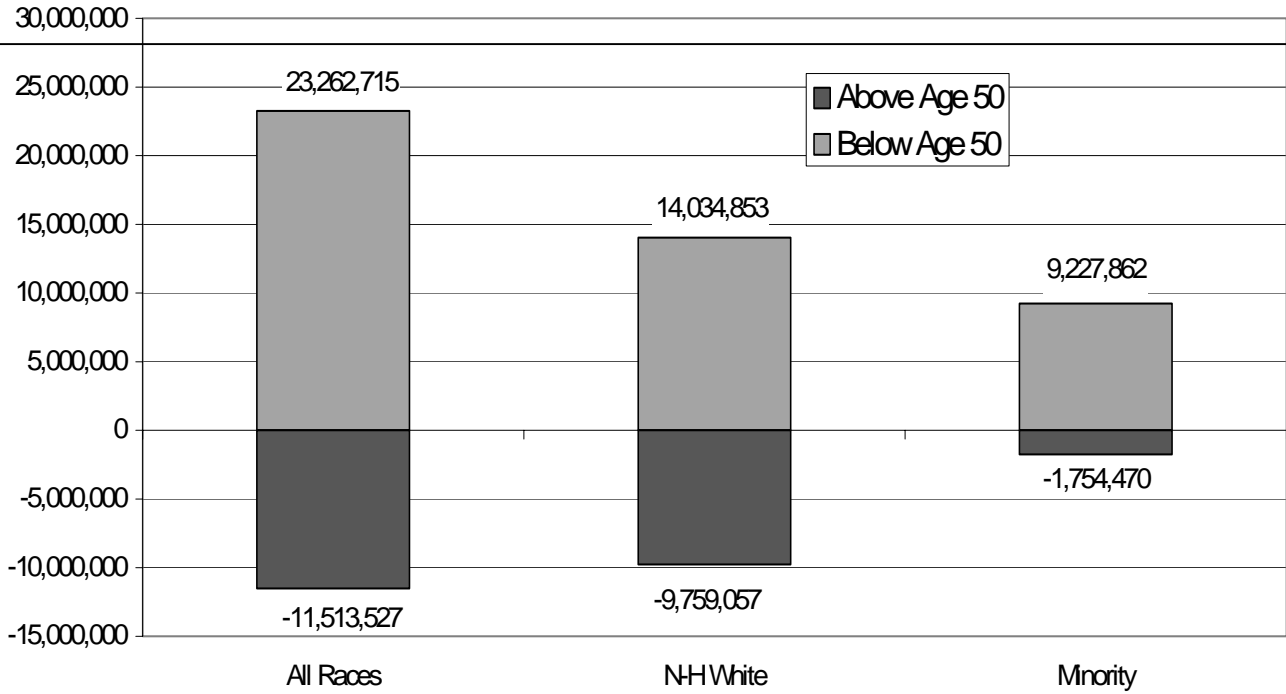


Figure 15d

**Cohort Change in # Households: 2000-2010
Non-Hispanic Asian/Others**



**Cohort Household Growth 2000-2010
 Householders Below and Above Age 50 in 2010
 Whites vs. Minorities**



**Old vs. New Projected Household Growth
 2000-2010 by Age of Head
 Total Households**

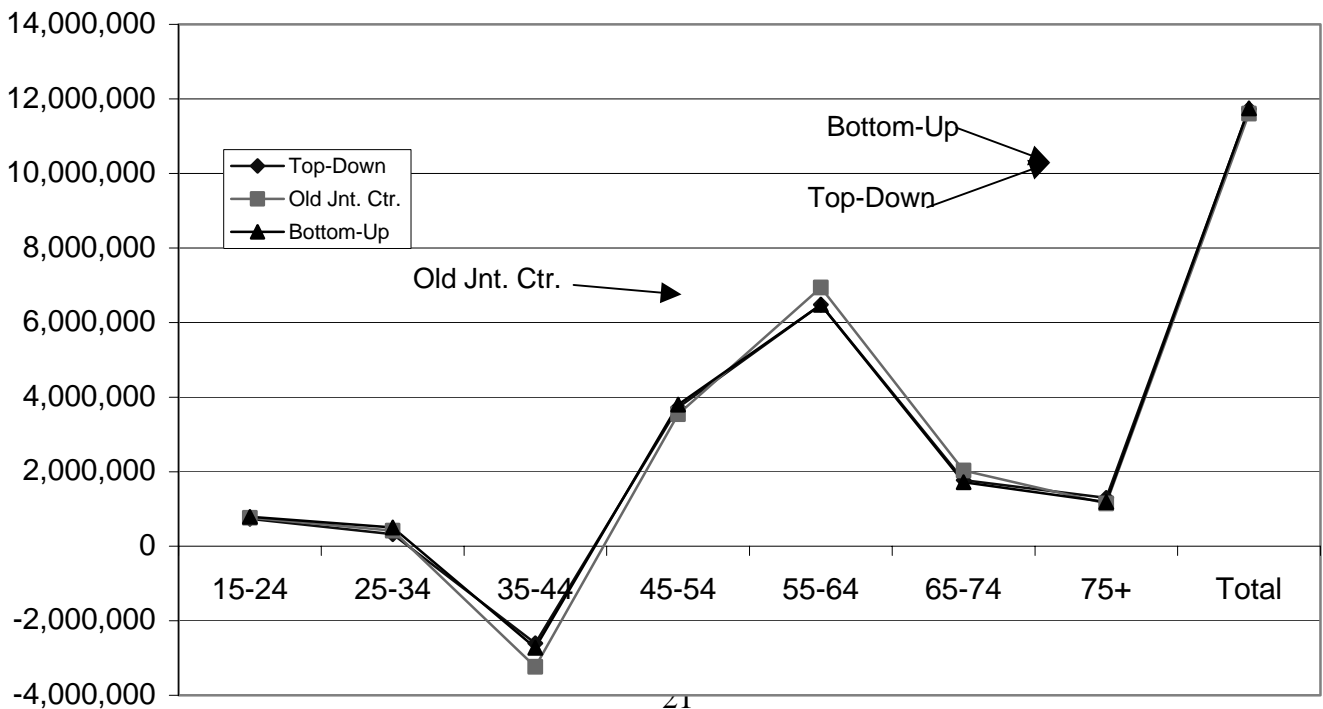


Figure 18

**Old vs. New Projected Household Growth
2000-2010 by Age of Head
Family Households**

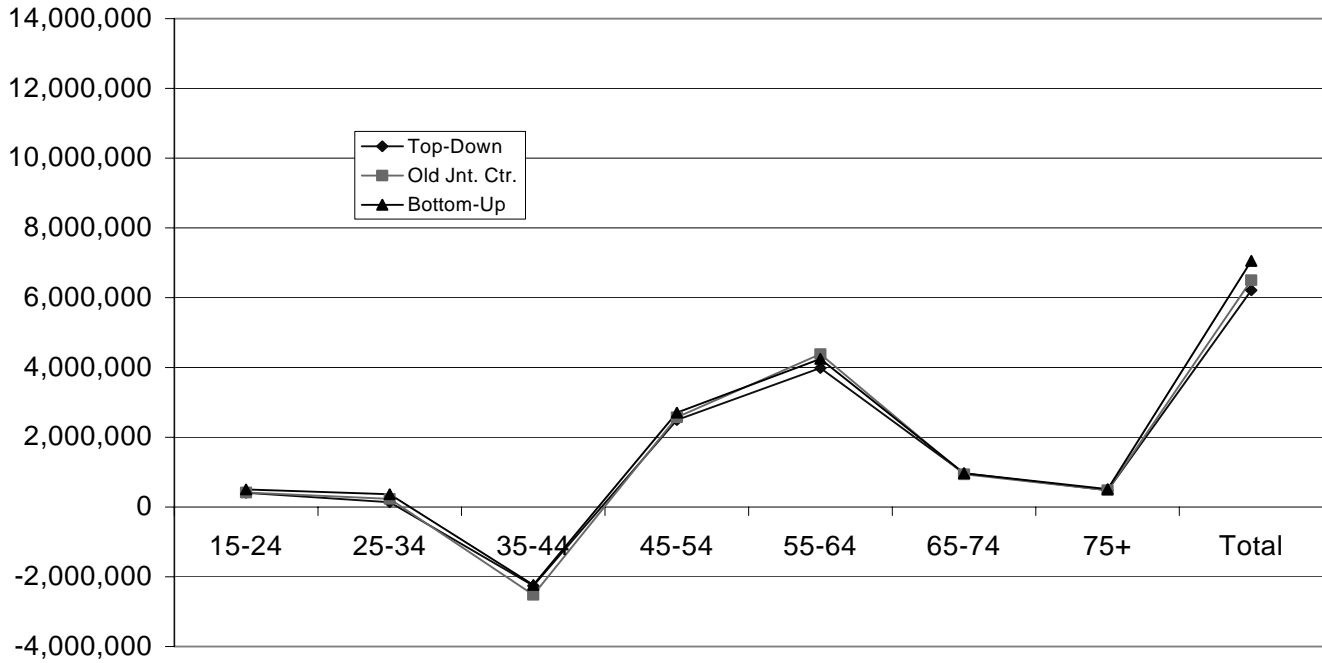


Figure 19

**Old vs. New Projected Household Growth
2000-2010 by Age of Head
Non-Family Households**

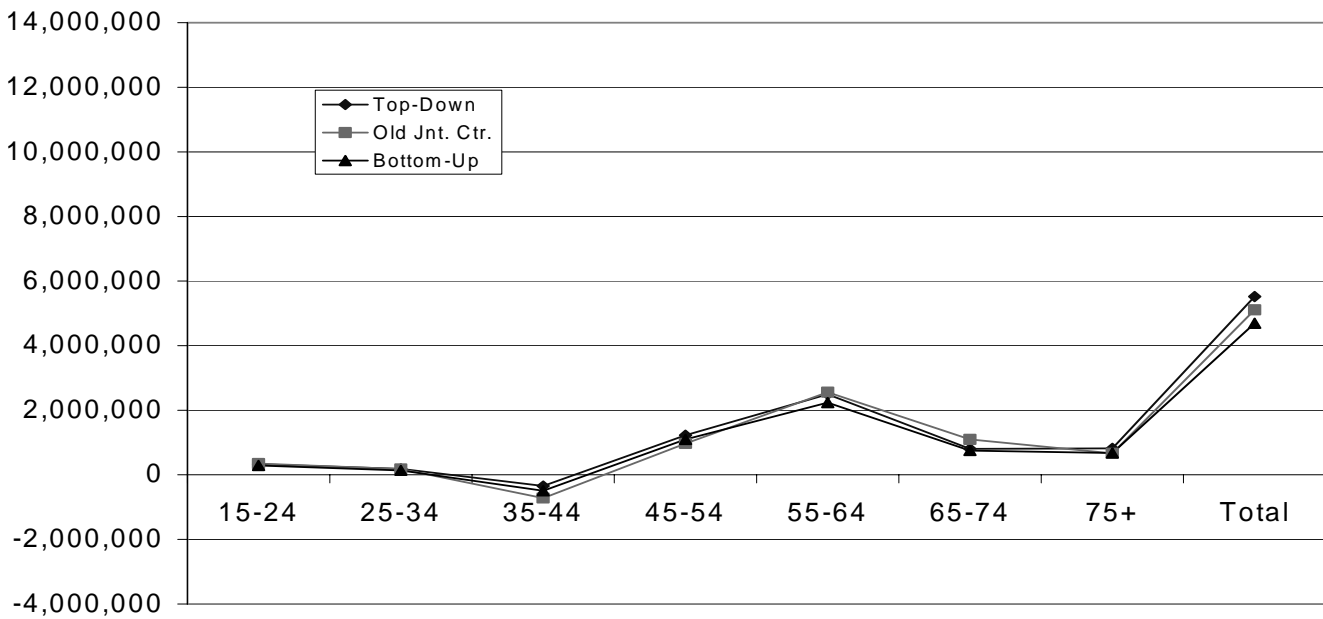


Figure 20

High-, Middle-, and Low-Projected Ownership Rates

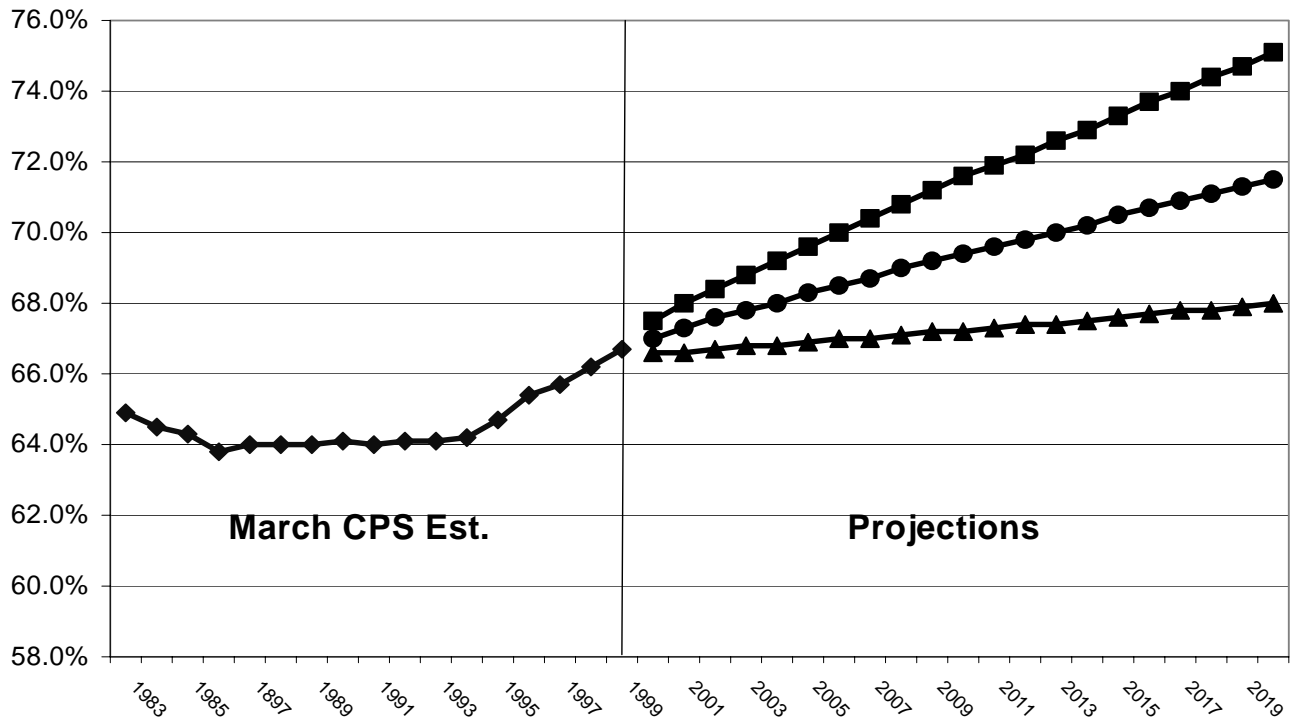


Table 1

Projected Headship Rates

	1995	2000	2005	2010	2015	2020
Family Households						
15-19	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186
20-24	0.1422	0.1422	0.1422	0.1422	0.1422	0.1422
25-29	0.3016	0.2806	0.2806	0.2806	0.2806	0.2806
30-34	0.3861	0.3901	0.3796	0.3796	0.3796	0.3796
35-39	0.4199	0.4264	0.4284	0.4258	0.4258	0.4258
40-44	0.4386	0.4254	0.4286	0.4291	0.4291	0.4291
45-49	0.4358	0.4165	0.4099	0.4107	0.4107	0.4107
50-54	0.4379	0.4076	0.3979	0.3963	0.3963	0.3963
55-59	0.4253	0.4003	0.3852	0.3827	0.3827	0.3827
60-64	0.4229	0.4026	0.3901	0.3863	0.3863	0.3863
65-69	0.3990	0.3957	0.3855	0.3824	0.3824	0.3824
70-74	0.3764	0.3694	0.3677	0.3651	0.3651	0.3651
75+	0.2701	0.2900	0.2865	0.2861	0.2861	0.2861
NonFamily Households						
15-19	0.0137	0.0137	0.0137	0.0137	0.0137	0.0137
20-24	0.1149	0.1149	0.1149	0.1149	0.1149	0.1149
25-29	0.1494	0.1471	0.1471	0.1471	0.1471	0.1471
30-34	0.1261	0.1426	0.1414	0.1414	0.1414	0.1414
35-39	0.1088	0.1186	0.1269	0.1266	0.1266	0.1266
40-44	0.1093	0.1153	0.1202	0.1223	0.1223	0.1223
45-49	0.1250	0.1323	0.1353	0.1365	0.1365	0.1365
50-54	0.1354	0.1564	0.1600	0.1607	0.1607	0.1607
55-59	0.1478	0.1713	0.1818	0.1827	0.1827	0.1827
60-64	0.1735	0.1868	0.1985	0.2012	0.2012	0.2012
65-69	0.2166	0.2190	0.2257	0.2286	0.2286	0.2286
70-74	0.2693	0.2752	0.2764	0.2781	0.2781	0.2781
75+	0.3630	0.3960	0.3990	0.3993	0.3993	0.3993
Total Households						
15-19	0.0322	0.0322	0.0322	0.0322	0.0322	0.0322
20-24	0.2571	0.2571	0.2571	0.2571	0.2571	0.2571
25-29	0.4510	0.4277	0.4277	0.4277	0.4277	0.4277
30-34	0.5122	0.5327	0.5210	0.5210	0.5210	0.5210
35-39	0.5287	0.5450	0.5552	0.5523	0.5523	0.5523
40-44	0.5479	0.5407	0.5488	0.5514	0.5514	0.5514
45-49	0.5608	0.5488	0.5452	0.5472	0.5472	0.5472
50-54	0.5733	0.5639	0.5579	0.5570	0.5570	0.5570
55-59	0.5731	0.5717	0.5670	0.5655	0.5655	0.5655
60-64	0.5964	0.5894	0.5886	0.5875	0.5875	0.5875
65-69	0.6156	0.6147	0.6112	0.6110	0.6110	0.6110
70-74	0.6457	0.6446	0.6441	0.6432	0.6432	0.6432
75+	0.6331	0.6860	0.6855	0.6854	0.6854	0.6854

Table 2

Projected Households by Age and Family Type: 1995-2010

Using Census Bureau January 2000 Population Projections (<http://www.census.gov/population/www/projections/natproj.html>)

Year and Age of Head	Family Households.....				NonFamily Households....		Total Households.....		Total
	Marrieds w/o Kids	Marrieds with Kids	Lone Parents	Other Families	Single Person	2 or More Persons	Family	NonFamily	
1995.....									
15-24	688,809	845,094	1,004,852	355,402	1,169,725	1,145,186	2,894,157	2,314,911	5,209,068
25-34	2,797,911	7,553,369	3,245,633	526,815	3,789,682	1,786,660	14,123,728	5,576,342	19,700,070
35-44	2,532,602	11,365,691	3,528,856	819,264	3,660,329	977,696	18,246,413	4,638,025	22,884,438
45-54	6,362,712	4,655,577	1,025,368	1,537,372	3,486,292	542,706	13,581,029	4,028,998	17,610,027
55-64	7,005,405	604,996	138,925	1,213,577	3,097,297	283,662	8,962,903	3,380,959	12,343,862
65-74	6,067,624	114,360	22,581	1,079,498	4,366,055	161,639	7,284,063	4,527,694	11,811,757
75+	3,149,037	3,612	7,626	853,282	5,276,202	119,239	4,013,557	5,395,441	9,408,998
All Ages	28,604,100	25,142,699	8,973,841	6,385,210	24,845,582	5,016,788	69,105,850	29,862,370	98,968,220
2000.....									
15-24	714,550	876,675	1,042,401	368,684	1,212,738	1,187,298	3,002,310	2,400,036	5,402,346
25-34	2,505,727	6,764,576	2,906,694	471,800	3,683,067	1,736,396	12,648,797	5,419,463	18,068,260
35-44	2,653,650	11,908,926	3,697,521	858,421	4,143,998	1,106,887	19,118,518	5,250,885	24,369,403
45-54	7,180,233	5,253,753	1,157,113	1,734,903	4,613,262	718,140	15,326,002	5,331,402	20,657,404
55-64	7,528,684	650,187	149,302	1,304,227	3,918,256	358,849	9,632,400	4,277,105	13,909,505
65-74	5,802,989	109,372	21,596	1,032,416	4,315,870	159,781	6,966,373	4,475,651	11,442,024
75+	3,787,973	4,345	9,173	1,026,412	6,447,220	145,704	4,827,903	6,592,924	11,420,827
All Ages	30,173,806	25,567,834	8,983,800	6,796,863	28,334,411	5,413,055	71,522,303	33,747,466	105,269,769
2005.....									
15-24	774,874	950,685	1,130,404	399,809	1,315,525	1,287,929	3,255,772	2,603,454	5,859,226
25-34	2,417,297	6,525,848	2,804,113	455,150	3,620,971	1,707,121	12,202,408	5,328,092	17,530,500
35-44	2,540,457	11,400,939	3,539,800	821,805	4,158,514	1,110,764	18,303,001	5,269,278	23,572,279
45-54	7,934,044	5,805,316	1,278,592	1,917,041	5,323,491	828,700	16,934,993	6,152,191	23,087,184
55-64	8,987,369	776,161	178,230	1,556,922	5,142,102	470,934	11,498,682	5,613,036	17,111,718
65-74	5,803,909	109,389	21,599	1,032,580	4,427,393	163,910	6,967,477	4,591,303	11,558,780
75+	4,025,333	4,617	9,748	1,090,729	6,987,649	157,917	5,130,427	7,145,566	12,275,993
All Ages	32,483,283	25,572,955	8,962,486	7,274,036	30,975,645	5,727,275	74,292,760	36,702,920	110,995,680

Table 2 (cont'd)

Year and Age of Head	Family Households.....				NonFamily Households....		Total Households.....		Total
	Marrieds w/o Kids	Marrieds with Kids	Lone Parents	Other Families	Single Person	2 or More Persons	Family	NonFamily	
2010.....									
15-24	811,471	995,586	1,183,793	418,692	1,377,874	1,348,970	3,409,542	2,726,844	6,136,386
25-34	2,532,144	6,835,894	2,937,338	476,774	3,811,123	1,796,768	12,782,150	5,607,891	18,390,041
35-44	2,340,211	10,502,289	3,260,784	757,028	3,871,163	1,034,011	16,860,312	4,905,174	21,765,486
45-54	8,348,970	6,108,916	1,345,458	2,017,297	5,676,132	883,595	17,820,641	6,559,727	24,380,368
55-64	10,644,162	919,244	211,086	1,843,935	6,205,291	568,305	13,618,427	6,773,596	20,392,023
65-74	6,609,113	124,566	24,596	1,175,835	5,092,936	188,549	7,934,110	5,281,485	13,215,595
75+	4,165,807	4,779	10,088	1,128,793	7,247,543	163,790	5,309,467	7,411,333	12,720,800
All Ages	35,451,878	25,491,274	8,973,143	7,818,354	33,282,062	5,983,988	77,734,649	39,266,050	117,000,699
2015.....									
15-24	828,236	1,016,156	1,208,251	427,342	1,407,187	1,377,668	3,479,985	2,784,855	6,264,840
25-34	2,694,423	7,273,989	3,125,585	507,329	4,045,065	1,907,061	13,601,326	5,952,126	19,553,452
35-44	2,301,076	10,326,658	3,206,254	744,368	3,809,394	1,017,512	16,578,356	4,826,906	21,405,262
45-54	7,930,482	5,802,710	1,278,018	1,916,181	5,419,101	843,584	16,927,391	6,262,685	23,190,076
55-64	11,993,357	1,035,762	237,842	2,077,662	6,995,001	640,629	15,344,623	7,635,630	22,980,253
65-74	8,223,128	154,986	30,602	1,462,986	6,319,703	233,966	9,871,702	6,553,669	16,425,371
75+	4,410,447	5,059	10,680	1,195,081	7,673,157	173,409	5,621,267	7,846,566	13,467,833
All Ages	38,381,149	25,615,320	9,097,232	8,330,949	35,668,608	6,193,829	81,424,650	41,862,437	123,287,087
2020.....									
15-24	805,105	987,776	1,174,506	415,407	1,367,254	1,338,573	3,382,794	2,705,827	6,088,621
25-34	2,798,535	7,555,055	3,246,357	526,933	4,196,060	1,978,249	14,126,880	6,174,309	20,301,189
35-44	2,414,851	10,837,254	3,364,786	781,173	3,999,948	1,068,410	17,398,064	5,068,358	22,466,422
45-54	7,338,949	5,369,886	1,182,691	1,773,253	5,002,580	778,744	15,664,779	5,781,324	21,446,103
55-64	12,653,945	1,092,811	250,942	2,192,098	7,398,030	677,540	16,189,796	8,075,570	24,265,366
65-74	9,822,185	185,124	36,553	1,747,476	7,597,486	281,272	11,791,338	7,878,758	19,670,096
75+	4,998,027	5,733	12,103	1,354,296	8,695,412	196,511	6,370,159	8,891,923	15,262,082
All Ages	40,831,597	26,033,639	9,267,938	8,790,636	38,256,770	6,319,299	84,923,810	44,576,069	129,499,879

Table 3

Projected Annual Household Growth by Age and Family Type: 1995-2010

Using Census Bureau January 2000 Population Projections (<http://www.census.gov/population/www/projections/natproj.html>)

Year and Age of Head	Family Households.....				NonFamily Households....		Total Households.....		Total
	Marrieds w/o Kids	Marrieds with Kids	Lone Parents	Other Families	Single Person	2 or More Persons	Family	NonFamily	
1995-2000.....									
15-24	5,148	6,316	7,510	2,656	8,603	8,422	21,631	17,025	38,656
25-34	-58,437	-157,759	-67,788	-11,003	-21,323	-10,053	-294,986	-31,376	-326,362
35-44	24,210	108,647	33,733	7,831	96,734	25,838	174,421	122,572	296,993
45-54	163,504	119,635	26,349	39,506	225,394	35,087	348,995	260,481	609,475
55-64	104,656	9,038	2,075	18,130	164,192	15,037	133,899	179,229	313,129
65-74	-52,927	-998	-197	-9,416	-10,037	-372	-63,538	-10,409	-73,947
75+	127,787	147	309	34,626	234,204	5,293	162,869	239,497	402,366
All Ages	313,941	85,026	1,991	82,330	697,767	79,252	483,291	777,019	1,260,310
2000-2005.....									
15-24	12,065	14,802	17,601	6,225	20,557	20,126	50,692	40,684	91,376
25-34	-17,686	-47,746	-20,516	-3,330	-12,419	-5,855	-89,278	-18,274	-107,552
35-44	-22,639	-101,597	-31,544	-7,323	2,903	775	-163,103	3,679	-159,425
45-54	150,762	110,313	24,296	36,428	142,046	22,112	321,798	164,158	485,956
55-64	291,737	25,195	5,786	50,539	244,769	22,417	373,256	267,186	640,443
65-74	184	3	1	33	22,305	826	221	23,130	23,351
75+	47,472	54	115	12,863	108,086	2,443	60,505	110,528	171,033
All Ages	461,895	1,024	-4,261	95,435	528,247	62,844	554,091	591,091	1,145,182
2005-2010.....									
15-24	7,319	8,980	10,678	3,777	12,470	12,208	30,754	24,678	55,432
25-34	22,969	62,009	26,645	4,325	38,030	17,929	115,948	55,960	171,908
35-44	-40,049	-179,730	-55,803	-12,955	-57,470	-15,351	-288,538	-72,821	-361,359
45-54	82,985	60,720	13,373	20,051	70,528	10,979	177,130	81,507	258,637
55-64	331,359	28,617	6,571	57,403	212,638	19,474	423,949	232,112	656,061
65-74	161,041	3,035	599	28,651	133,109	4,928	193,327	138,036	331,363
75+	28,095	32	68	7,613	51,979	1,175	35,808	53,153	88,961
All Ages	593,719	-16,337	2,131	108,865	461,284	51,342	688,378	512,625	1,201,003

Table 3 (cont'd)

Year and Age of Head	Family Households.....				NonFamily Households....		Total Households.....		Total
	Marrieds w/o Kids	Marrieds with Kids	Lone Parents	Other Families	Single Person	2 or More Persons	Family	NonFamily	

2010-2015.....									
15-24	3,353	4,114	4,892	1,730	5,863	5,740	14,089	11,602	25,691
25-34	32,456	87,619	37,649	6,111	46,788	22,059	163,835	68,847	232,682
35-44	-7,827	-35,126	-10,906	-2,532	-12,354	-3,300	-56,391	-15,654	-72,045
45-54	-83,698	-61,241	-13,488	-20,223	-51,406	-8,002	-178,650	-59,408	-238,058
55-64	269,839	23,304	5,351	46,745	157,942	14,465	345,239	172,407	517,646
65-74	322,803	6,084	1,201	57,430	245,353	9,083	387,518	254,437	641,955
75+	48,928	56	118	13,258	85,123	1,924	62,360	87,047	149,407
All Ages	585,854	24,810	24,817	102,519	477,309	41,969	738,000	519,278	1,257,278

2015-2020.....									
15-24	-4,626	-5,676	-6,749	-2,387	-7,987	-7,819	-19,438	-15,806	-35,244
25-34	20,822	56,213	24,154	3,921	30,199	14,238	105,111	44,437	149,547
35-44	22,755	102,119	31,706	7,361	38,111	10,180	163,942	48,290	212,232
45-54	-118,307	-86,565	-19,065	-28,586	-83,304	-12,968	-252,522	-96,272	-348,795
55-64	132,118	11,410	2,620	22,887	80,606	7,382	169,035	87,988	257,023
65-74	319,811	6,028	1,190	56,898	255,557	9,461	383,927	265,018	648,945
75+	117,516	135	285	31,843	204,451	4,620	149,778	209,071	358,850
All Ages	490,089	83,664	34,141	91,937	517,633	25,094	699,833	542,726	1,242,558

Table 4

Comparison of Estimates and Projections of Households: 1995 to 2020
(Numbers in 1000s)

	CPS (March)*	Top-Down**	Bottom-Up**
Households.....			
1995	98,990	98,968	99,093
1996	99,627	100,209	100,359
1997	101,018	101,485	101,649
1998	102,528	102,736	102,927
1999	103,874	103,977	104,205
2000		105,270	105,530
2005		110,996	111,383
2010		117,001	117,280
2015		123,287	123,383
2020		129,500	129,334
Annual Growth.....			
1995-96	637	1,241	1,266
1996-97	1,391	1,276	1,290
1997-98	1,510	1,251	1,278
1998-99	1,346	1,241	1,278
1999-00		1,293	1,325
2000-05		1,145	1,171
2005-10		1,201	1,179
2010-15		1,257	1,221
2015-20		1,243	1,190

* March Survey

** Based on March headship and July population

Table 5

High, Middle and Low Ownership Rate Projections
Based on Revised Joint Center Household Projections

	March CPS Estimates	Low	Projections Middle	High	
1983	64.9%				
1984	64.5%				
1985	64.3%				1985
1986	63.8%				
1897	64.0%				
1988	64.0%				
1989	64.0%				
1990	64.1%				1990
1991	64.0%				
1992	64.1%				
1993	64.1%				
1994	64.2%				
1995	64.7%				1995
1996	65.4%				
1997	65.7%				
1998	66.2%				
1999	66.7%				
2000		66.6%	67.0%	67.5%	2000
2001		66.6%	67.3%	68.0%	
2002		66.7%	67.6%	68.4%	
2003		66.8%	67.8%	68.8%	
2004		66.8%	68.0%	69.2%	
2005		66.9%	68.3%	69.6%	2005
2006		67.0%	68.5%	70.0%	
2007		67.0%	68.7%	70.4%	
2008		67.1%	69.0%	70.8%	
2009		67.2%	69.2%	71.2%	
2010		67.2%	69.4%	71.6%	2010
2011		67.3%	69.6%	71.9%	
2012		67.4%	69.8%	72.2%	
2013		67.4%	70.0%	72.6%	
2014		67.5%	70.2%	72.9%	
2015		67.6%	70.5%	73.3%	2015
2016		67.7%	70.7%	73.7%	
2017		67.8%	70.9%	74.0%	
2018		67.8%	71.1%	74.4%	
2019		67.9%	71.3%	74.7%	
2020		68.0%	71.5%	75.1%	2020

Table 6

Projected Middle Series Ownership Rates by Age of Householder

	<25	25-29	30-34	35-44	45-54	55-64	65+	Total
1995	16.95%	35.54%	52.30%	66.18%	75.80%	80.26%	79.05%	65.61%
1996	16.95%	35.78%	52.44%	66.28%	75.76%	80.22%	79.20%	65.92%
1997	16.95%	36.01%	52.58%	66.40%	75.82%	80.17%	79.34%	66.23%
1998	16.95%	36.23%	52.73%	66.51%	75.83%	80.13%	79.50%	66.51%
1999	16.95%	36.46%	52.87%	66.62%	75.83%	80.09%	79.67%	66.79%
2000	16.95%	36.68%	53.01%	66.74%	75.84%	80.05%	79.84%	67.03%
2005	16.95%	36.68%	54.47%	67.82%	76.29%	80.40%	80.85%	68.27%
2010	16.95%	36.68%	54.47%	69.18%	77.16%	81.17%	81.85%	69.40%
2015	16.95%	36.68%	54.47%	69.90%	78.37%	81.86%	82.90%	70.45%
2020	16.95%	36.68%	54.47%	69.81%	79.76%	82.75%	83.89%	71.53%

Table 7

Projected Middle Series Tenure Choice

Year	Age-grp	Middle Ownership Series			Renters			Grand Total
		Owners Family	Non-family	Total	Family	Non-family	Total	
1995	15-19	79,211	22,275	101,485	258,855	226,168	485,022	586,507
	20-24	590,143	191,358	781,501	1,965,955	1,875,121	3,841,076	4,622,577
	25-29	2,426,510	602,947	3,029,456	3,272,656	2,220,964	5,493,619	8,523,075
	30-34	4,949,570	895,733	5,845,302	3,475,004	1,856,705	5,331,708	11,177,010
	35-39	6,435,170	985,402	7,420,572	2,926,086	1,439,275	4,365,361	11,785,933
	40-44	6,710,734	1,014,004	7,724,737	2,174,429	1,199,346	3,373,774	11,098,511
	45-49	6,113,307	1,149,091	7,262,398	1,494,434	1,033,192	2,527,626	9,790,023
	50-54	5,038,181	1,047,032	6,085,213	935,106	799,691	1,734,797	7,820,009
	55-59	4,056,890	987,975	5,044,865	657,885	650,484	1,308,369	6,353,233
	60-64	3,750,539	1,112,276	4,862,815	497,593	630,220	1,127,813	5,990,628
	65-69	3,586,329	1,434,407	5,020,735	373,655	715,407	1,089,061	6,109,796
	70-74	3,005,382	1,643,870	4,649,251	318,698	734,006	1,052,703	5,701,954
	75+	3,539,076	3,565,601	7,104,676	474,489	1,829,847	2,304,335	9,409,011
	All Ages	50,281,037	14,651,968	64,933,005	18,824,840	15,210,423	34,035,263	98,968,267
2000	15-19	86,596	24,353	110,949	282,991	247,262	530,253	641,201
	20-24	607,834	197,095	804,929	2,024,889	1,931,328	3,956,217	4,761,145
	25-29	2,240,144	561,642	2,801,786	2,771,123	2,066,046	4,837,169	7,638,954
	30-34	4,605,376	923,583	5,528,959	3,032,155	1,868,192	4,900,347	10,429,306
	35-39	6,630,731	1,095,465	7,726,195	2,867,222	1,547,249	4,414,470	12,140,665
	40-44	7,320,596	1,217,052	8,537,647	2,299,971	1,391,121	3,691,091	12,228,738
	45-49	6,703,343	1,415,340	8,118,682	1,586,240	1,216,628	2,802,867	10,921,549
	50-54	5,979,196	1,568,925	7,548,121	1,057,225	1,130,510	2,187,735	9,735,855
	55-59	4,623,490	1,406,681	6,030,171	710,468	876,067	1,586,535	7,616,705
	60-64	3,809,093	1,295,690	5,104,783	489,350	698,668	1,188,018	6,292,800
	65-69	3,391,182	1,413,215	4,804,396	342,210	653,506	995,715	5,800,111
	70-74	2,939,541	1,726,721	4,666,261	293,442	682,211	975,652	5,641,913
	75+	4,312,791	4,470,881	8,783,672	515,113	2,122,043	2,637,156	11,420,827
	All Ages	53,249,909	17,316,639	70,566,548	18,272,395	16,430,827	34,703,222	105,269,769
2005	15-19	91,353	25,690	117,043	298,536	260,844	559,380	676,423
	20-24	661,665	214,550	876,215	2,204,218	2,102,371	4,306,589	5,182,803
	25-29	2,301,729	577,083	2,878,812	2,847,305	2,122,846	4,970,151	7,848,962
	30-34	4,403,057	870,048	5,273,105	2,650,318	1,758,116	4,408,434	9,681,538
	35-39	6,138,785	1,069,755	7,208,539	2,463,783	1,477,808	3,941,590	11,150,129
	40-44	7,485,126	1,292,127	8,777,252	2,215,309	1,429,590	3,644,898	12,422,150
	45-49	7,419,958	1,642,660	9,062,617	1,692,066	1,364,502	3,056,567	12,119,184
	50-54	6,687,327	1,863,116	8,550,442	1,135,644	1,281,915	2,417,558	10,968,000
	55-59	5,663,655	1,930,518	7,594,173	823,176	1,131,560	1,954,736	9,548,909
	60-64	4,473,057	1,691,057	6,164,114	538,795	859,901	1,398,696	7,562,809
	65-69	3,544,480	1,582,351	5,126,830	343,603	693,919	1,037,521	6,164,351
	70-74	2,808,196	1,697,780	4,505,975	271,200	617,255	888,454	5,394,429
	75+	4,609,256	5,027,718	9,636,974	521,171	2,117,848	2,639,019	12,275,993
	All Ages	56,287,640	19,484,449	75,772,089	18,005,120	17,218,471	35,223,591	110,995,680

Table 7 (cont'd)

Year	Age-grp	Middle Ownership Series						Grand Total
		Owners			Renters			
		Family	Non-family	Total	Family	Non-family	Total	
2010	15-19	94,304	26,520	120,824	308,179	269,270	577,449	698,273
	20-24	694,260	225,118	919,378	2,312,800	2,205,936	4,518,736	5,438,113
	25-29	2,489,621	624,190	3,113,810	3,079,732	2,296,135	5,375,866	8,489,676
	30-34	4,502,577	889,713	5,392,290	2,710,221	1,797,854	4,508,075	9,900,365
	35-39	5,956,625	1,012,443	6,969,067	2,149,230	1,397,343	3,546,572	10,515,639
	40-44	6,890,677	1,198,130	8,088,807	1,863,782	1,297,259	3,161,041	11,249,847
	45-49	7,531,542	1,682,124	9,213,666	1,597,598	1,352,195	2,949,793	12,163,459
	50-54	7,478,947	2,118,416	9,597,362	1,212,555	1,406,993	2,619,547	12,216,909
	55-59	6,445,826	2,248,337	8,694,162	894,133	1,255,628	2,149,760	10,843,922
	60-64	5,643,047	2,214,025	7,857,072	635,422	1,055,607	1,691,029	9,548,101
	65-69	4,268,171	1,969,371	6,237,542	381,424	810,721	1,192,145	7,429,687
	70-74	3,006,053	1,862,854	4,868,906	278,463	638,540	917,002	5,785,908
	75+	4,784,423	5,337,536	10,121,959	525,045	2,073,797	2,598,842	12,720,800
All Ages	59,786,069	21,408,775	81,194,844	17,948,580	17,857,276	35,805,856	117,000,699	
2015	15-19	90,923	25,570	116,492	297,128	259,614	556,741	673,233
	20-24	713,856	231,473	945,328	2,378,080	2,268,200	4,646,279	5,591,607
	25-29	2,604,512	652,995	3,257,507	3,221,856	2,402,097	5,623,953	8,881,460
	30-34	4,853,505	959,057	5,812,561	2,921,454	1,937,978	4,859,431	10,671,992
	35-39	6,082,709	1,033,873	7,116,582	2,194,722	1,426,920	3,621,642	10,738,224
	40-44	6,710,138	1,136,592	7,846,730	1,590,786	1,229,521	2,820,307	10,667,037
	45-49	6,923,743	1,532,660	8,456,402	1,314,129	1,205,422	2,519,550	10,975,952
	50-54	7,570,185	2,146,542	9,716,727	1,119,335	1,378,063	2,497,398	12,214,124
	55-59	7,239,367	2,542,199	9,781,565	951,441	1,367,946	2,319,386	12,100,951
	60-64	6,466,163	2,564,413	9,030,575	687,654	1,161,074	1,848,727	10,879,302
	65-69	5,446,384	2,546,050	7,992,434	446,290	977,305	1,423,595	9,416,028
	70-74	3,666,911	2,296,854	5,963,764	312,119	733,461	1,045,579	7,009,343
	75+	5,083,875	5,740,082	10,823,957	537,392	2,106,484	2,643,876	13,467,833
All Ages	63,452,267	23,408,356	86,860,623	17,972,382	18,454,081	36,426,463	123,287,086	
2020	15-19	92,367	25,976	118,343	301,850	263,740	565,590	683,932
	20-24	689,993	223,735	913,728	2,298,585	2,192,377	4,490,962	5,404,689
	25-29	2,682,152	672,461	3,354,612	3,317,900	2,473,704	5,791,603	9,146,215
	30-34	5,073,159	1,002,461	6,075,620	3,053,670	2,025,684	5,079,354	11,154,974
	35-39	6,550,754	1,113,427	7,664,181	2,363,599	1,536,718	3,900,317	11,564,497
	40-44	6,857,895	1,161,620	8,019,515	1,625,815	1,256,595	2,882,410	10,901,924
	45-49	6,736,769	1,455,072	8,191,841	1,080,933	1,143,356	2,224,289	10,416,129
	50-54	6,957,710	1,955,594	8,913,304	889,367	1,227,303	2,116,670	11,029,974
	55-59	7,331,084	2,575,380	9,906,464	864,316	1,336,957	2,201,273	12,107,736
	60-64	7,271,171	2,901,119	10,172,289	723,226	1,262,116	1,985,341	12,157,630
	65-69	6,253,489	2,952,406	9,205,895	475,424	1,070,954	1,546,378	10,752,272
	70-74	4,697,206	2,977,125	7,674,330	365,221	878,274	1,243,494	8,917,824
	75+	5,801,557	6,622,466	12,424,023	568,603	2,269,457	2,838,060	15,262,082
All Ages	66,995,303	25,638,838	92,634,141	17,928,506	18,937,231	36,865,737	129,499,878	

Appendix A

Projected Households By Race/Hispanic Origin

All Race/Hispanic Origins (Bottom-Up).....

Year	Family	Non-family	Total	Tot pop	Avg. Size
1995	69,137,965	29,955,458	99,093,423	262,764,929	2.65
1996	69,788,308	30,570,527	100,358,835	265,189,775	2.64
1997	70,422,458	31,226,497	101,648,955	267,743,576	2.63
1998	71,037,173	31,889,616	102,926,789	270,295,981	2.63
1999	71,642,559	32,562,030	104,204,589	272,822,981	2.62
2000	72,263,515	33,267,258	105,530,773	275,304,982	2.61
2001	72,969,262	33,727,909	106,697,171	277,807,982	2.60
2002	73,654,282	34,222,365	107,876,647	280,301,982	2.60
2003	74,316,757	34,731,000	109,047,757	282,798,982	2.59
2004	74,966,118	35,227,163	110,193,281	285,266,981	2.59
2005	75,634,827	35,748,465	111,383,292	287,713,981	2.58
2006	76,377,546	36,163,032	112,540,578	290,148,981	2.58
2007	77,117,412	36,599,480	113,716,892	292,582,982	2.57
2008	77,840,750	37,044,758	114,885,508	295,010,981	2.57
2009	78,563,634	37,489,513	116,053,147	297,438,981	2.56
2010	79,318,957	37,961,004	117,279,961	299,861,981	2.56
2011	80,100,402	38,394,786	118,495,188	302,298,981	2.55
2012	80,876,843	38,861,303	119,738,146	304,767,981	2.55
2013	81,626,376	39,333,915	120,960,291	307,250,981	2.54
2014	82,372,716	39,795,583	122,168,299	309,748,981	2.54
2015	83,130,007	40,252,667	123,382,674	312,267,981	2.53
2016	83,873,583	40,703,987	124,577,570	314,791,981	2.53
2017	84,590,373	41,206,278	125,796,651	317,322,981	2.52
2018	85,275,305	41,716,436	126,991,741	319,859,981	2.52
2019	85,964,923	42,204,394	128,169,317	322,392,981	2.52
2020	86,652,430	42,681,426	129,333,856	324,925,981	2.51

Appendix A (cont'd)

Projected Households By Race/Hispanic Origin

NonHispanic Whites.....						
Year	Family	Non-family	Total	Tot pop	Avg. Size	
1995	52,474,616	24,151,052	76,625,668	193,319,768	2.52	
1996	52,661,295	24,547,781	77,209,076	194,029,153	2.51	
1997	52,815,124	24,967,867	77,782,991	194,750,873	2.50	
1998	52,931,283	25,383,950	78,315,233	195,440,981	2.50	
1999	53,039,787	25,801,148	78,840,935	196,080,981	2.49	
2000	53,157,949	26,241,852	79,399,801	196,669,982	2.48	
2001	53,343,766	26,484,007	79,827,773	197,249,982	2.47	
2002	53,510,199	26,751,868	80,262,067	197,812,982	2.46	
2003	53,656,242	27,029,184	80,685,426	198,363,982	2.46	
2004	53,796,404	27,291,203	81,087,607	198,895,981	2.45	
2005	53,952,199	27,570,517	81,522,716	199,415,981	2.45	
2006	54,170,990	27,768,619	81,939,609	199,922,981	2.44	
2007	54,388,669	27,982,129	82,370,798	200,427,981	2.43	
2008	54,593,654	28,200,865	82,794,519	200,935,981	2.43	
2009	54,796,939	28,413,968	83,210,907	201,443,981	2.42	
2010	55,027,644	28,647,953	83,675,597	201,955,981	2.41	
2011	55,275,282	28,848,716	84,123,998	202,472,981	2.41	
2012	55,510,662	29,075,120	84,585,782	202,994,981	2.40	
2013	55,725,883	29,307,501	85,033,384	203,526,981	2.39	
2014	55,935,335	29,527,215	85,462,550	204,058,981	2.39	
2015	56,154,898	29,739,256	85,894,154	204,590,981	2.38	
2016	56,361,779	29,947,868	86,309,647	205,117,981	2.38	
2017	56,535,302	30,201,274	86,736,576	205,642,981	2.37	
2018	56,679,353	30,462,329	87,141,682	206,156,981	2.37	
2019	56,825,557	30,699,099	87,524,656	206,656,981	2.36	
2020	56,970,129	30,922,507	87,892,636	207,145,981	2.36	

Appendix A (cont'd)

Projected Households By Race/Hispanic Origin

NonHispanic Blacks.....						
Year	Family	Non-family	Total	Tot pop	Avg. Size	
1995	7,994,730	3,504,233	11,498,963	31,573,110	2.75	
1996	8,110,532	3,615,472	11,726,004	31,933,120	2.72	
1997	8,230,470	3,736,808	11,967,278	32,323,675	2.70	
1998	8,346,074	3,861,544	12,207,618	32,716,000	2.68	
1999	8,459,979	3,990,190	12,450,169	33,107,000	2.66	
2000	8,573,636	4,123,774	12,697,410	33,488,000	2.64	
2001	8,701,955	4,225,053	12,927,008	33,876,000	2.62	
2002	8,831,328	4,333,350	13,164,678	34,265,000	2.60	
2003	8,956,230	4,443,273	13,399,503	34,658,000	2.59	
2004	9,079,422	4,555,055	13,634,477	35,050,000	2.57	
2005	9,205,665	4,671,744	13,877,409	35,443,000	2.55	
2006	9,341,721	4,766,823	14,108,544	35,845,000	2.54	
2007	9,479,292	4,866,807	14,346,099	36,249,001	2.53	
2008	9,615,124	4,967,714	14,582,838	36,657,000	2.51	
2009	9,756,527	5,074,081	14,830,608	37,070,000	2.50	
2010	9,898,855	5,182,617	15,081,472	37,484,000	2.49	
2011	10,042,528	5,283,832	15,326,360	37,899,000	2.47	
2012	10,184,737	5,387,678	15,572,415	38,313,000	2.46	
2013	10,325,518	5,491,190	15,816,708	38,728,000	2.45	
2014	10,465,686	5,594,855	16,060,541	39,141,000	2.44	
2015	10,599,843	5,697,438	16,297,281	39,552,000	2.43	
2016	10,727,221	5,794,904	16,522,125	39,957,000	2.42	
2017	10,854,356	5,895,859	16,750,215	40,360,000	2.41	
2018	10,978,115	5,993,499	16,971,614	40,758,000	2.40	
2019	11,102,625	6,091,993	17,194,618	41,157,000	2.39	
2020	11,219,657	6,189,260	17,408,917	41,549,000	2.39	

Appendix A (cont'd)

Projected Households By Race/Hispanic Origin

NonHispanic Asians and Others.....						
Year	Family	Non-family	Total	Tot pop	Avg. Size	
1995	2,502,975	820,879	3,323,854	10,772,834	3.24	
1996	2,598,575	862,874	3,461,449	11,135,699	3.22	
1997	2,696,179	907,830	3,604,009	11,508,942	3.19	
1998	2,797,634	953,863	3,751,497	11,887,000	3.17	
1999	2,900,988	1,002,859	3,903,847	12,280,000	3.15	
2000	3,001,667	1,051,633	4,053,300	12,668,000	3.13	
2001	3,108,974	1,094,076	4,203,050	13,066,000	3.11	
2002	3,211,479	1,136,413	4,347,892	13,457,000	3.10	
2003	3,317,317	1,181,056	4,498,373	13,860,000	3.08	
2004	3,421,487	1,225,738	4,647,225	14,261,000	3.07	
2005	3,526,151	1,271,542	4,797,693	14,666,000	3.06	
2006	3,635,492	1,311,802	4,947,294	15,074,000	3.05	
2007	3,743,959	1,352,777	5,096,736	15,487,000	3.04	
2008	3,853,463	1,395,315	5,248,778	15,903,000	3.03	
2009	3,961,708	1,437,567	5,399,275	16,318,000	3.02	
2010	4,071,060	1,480,815	5,551,875	16,734,000	3.01	
2011	4,184,148	1,524,087	5,708,235	17,156,000	3.01	
2012	4,297,916	1,568,664	5,866,580	17,586,000	3.00	
2013	4,408,250	1,611,850	6,020,100	18,009,000	2.99	
2014	4,520,859	1,656,222	6,177,081	18,437,000	2.98	
2015	4,633,360	1,700,734	6,334,094	18,870,000	2.98	
2016	4,749,441	1,746,864	6,496,305	19,309,000	2.97	
2017	4,863,916	1,792,546	6,656,462	19,744,000	2.97	
2018	4,979,890	1,839,115	6,819,005	20,186,000	2.96	
2019	5,096,329	1,886,384	6,982,713	20,630,000	2.95	
2020	5,212,401	1,933,149	7,145,550	21,075,000	2.95	

Appendix A (cont'd)

Projected Households By Race/Hispanic Origin

Hispanics.....						
Year	Family	Non-family	Total	Tot pop	Avg. Size	
1995	6,165,644	1,479,294	7,644,938	27,099,217	3.54	
1996	6,417,906	1,544,400	7,962,306	28,091,803	3.53	
1997	6,680,685	1,613,992	8,294,677	29,160,086	3.52	
1998	6,962,182	1,690,259	8,652,441	30,252,000	3.50	
1999	7,241,805	1,767,833	9,009,638	31,355,000	3.48	
2000	7,530,263	1,849,999	9,380,262	32,479,000	3.46	
2001	7,814,567	1,924,773	9,739,340	33,616,000	3.45	
2002	8,101,276	2,000,734	10,102,010	34,767,000	3.44	
2003	8,386,968	2,077,487	10,464,455	35,917,000	3.43	
2004	8,668,805	2,155,167	10,823,972	37,060,000	3.42	
2005	8,950,812	2,234,662	11,185,474	38,189,000	3.41	
2006	9,229,343	2,315,788	11,545,131	39,307,000	3.40	
2007	9,505,492	2,397,767	11,903,259	40,419,000	3.40	
2008	9,778,509	2,480,864	12,259,373	41,515,000	3.39	
2009	10,048,460	2,563,897	12,612,357	42,607,000	3.38	
2010	10,321,398	2,649,619	12,971,017	43,688,000	3.37	
2011	10,598,444	2,738,151	13,336,595	44,771,000	3.36	
2012	10,883,528	2,829,841	13,713,369	45,874,000	3.35	
2013	11,166,725	2,923,374	14,090,099	46,987,000	3.33	
2014	11,450,836	3,017,291	14,468,127	48,112,000	3.33	
2015	11,741,906	3,115,239	14,857,145	49,255,000	3.32	
2016	12,035,142	3,214,351	15,249,493	50,408,000	3.31	
2017	12,336,799	3,316,599	15,653,398	51,576,000	3.29	
2018	12,637,947	3,421,493	16,059,440	52,759,000	3.29	
2019	12,940,412	3,526,918	16,467,330	53,949,000	3.28	
2020	13,250,243	3,636,510	16,886,753	55,156,000	3.27	

Appendix B

Household Projections by Age and Race/Hispanic Origin All Four Race/Hispanic Origin Groups Combined (Bottom-Up)

Age Group	Family	Non-Family	Total	Family	Non-Family	Total
	1995.....			2000.....		
15-19	270,889	258,416	529,305	299,480	283,002	582,482
20-24	2,940,732	2,089,028	5,029,760	3,048,110	2,122,560	5,170,670
25-29	5,633,171	2,763,757	8,396,928	5,281,325	2,629,040	7,910,365
30-34	8,464,474	2,845,372	11,309,846	7,620,460	2,762,441	10,382,901
35-39	9,469,818	2,522,189	11,992,007	9,604,881	2,716,827	12,321,708
40-44	8,919,678	2,307,427	11,227,105	9,778,398	2,643,148	12,421,546
45-49	7,599,302	2,170,228	9,769,530	8,399,698	2,606,330	11,006,028
50-54	5,781,198	1,821,257	7,602,455	7,097,808	2,557,610	9,655,418
55-59	4,668,537	1,640,907	6,309,444	5,338,841	2,139,643	7,478,484
60-64	4,144,721	1,684,025	5,828,746	4,285,479	1,938,434	6,223,913
65-69	4,005,523	2,103,717	6,109,240	3,685,112	2,009,539	5,694,651
70-74	3,278,197	2,375,189	5,653,386	3,244,488	2,369,588	5,614,076
75+	3,961,725	5,373,946	9,335,671	4,579,435	6,489,096	11,068,531
All Ages	69,137,965	29,955,458	99,093,423	72,263,515	33,267,258	105,530,773
	2005.....			2010.....		
15-19	324,136	296,732	620,868	344,882	305,923	650,805
20-24	3,322,244	2,297,862	5,620,106	3,503,139	2,388,681	5,891,820
25-29	5,441,401	2,666,879	8,108,280	5,882,600	2,876,819	8,759,419
30-34	7,211,834	2,616,786	9,828,620	7,384,307	2,651,348	10,035,655
35-39	8,680,380	2,544,684	11,225,064	8,231,783	2,397,978	10,629,761
40-44	9,870,244	2,732,977	12,603,221	8,918,165	2,468,964	11,387,129
45-49	9,301,928	2,937,304	12,239,232	9,337,821	2,938,431	12,276,252
50-54	7,956,269	2,977,046	10,933,315	8,863,714	3,321,181	12,184,895
55-59	6,642,218	2,826,826	9,469,044	7,535,051	3,236,294	10,771,345
60-64	5,026,089	2,409,224	7,435,313	6,330,938	3,077,518	9,408,456
65-69	3,878,800	2,217,179	6,095,979	4,645,234	2,687,254	7,332,488
70-74	3,044,177	2,266,462	5,310,639	3,251,669	2,446,153	5,697,822
75+	4,935,107	6,958,504	11,893,611	5,089,654	7,164,460	12,254,114
All Ages	75,634,827	35,748,465	111,383,292	79,318,957	37,961,004	117,279,961
	2015.....			2020.....		
15-19	337,099	296,383	633,482	351,152	300,060	651,212
20-24	3,622,108	2,412,140	6,034,248	3,508,366	2,302,259	5,810,625
25-29	6,166,248	2,988,420	9,154,668	6,361,456	3,023,187	9,384,643
30-34	7,955,946	2,853,400	10,809,346	8,324,357	2,965,444	11,289,801
35-39	8,414,466	2,432,547	10,847,013	9,060,340	2,614,487	11,674,827
40-44	8,469,223	2,323,522	10,792,745	8,665,778	2,362,416	11,028,194
45-49	8,447,454	2,623,525	11,070,979	8,034,193	2,472,162	10,506,355
50-54	8,877,890	3,295,923	12,173,813	8,035,917	2,948,514	10,984,431
55-59	8,413,081	3,605,785	12,018,866	8,427,330	3,587,298	12,014,628
60-64	7,211,133	3,514,827	10,725,960	8,056,898	3,929,102	11,986,000
65-69	5,883,167	3,408,804	9,291,971	6,706,570	3,903,150	10,609,720
70-74	3,939,372	2,959,870	6,899,242	5,005,386	3,765,892	8,771,278
75+	5,392,820	7,537,521	12,930,341	6,114,687	8,507,455	14,622,142
All Ages	83,130,007	40,252,667	123,382,674	86,652,430	42,681,426	129,333,856

Appendix B (cont'd)

Household Projections by Age and Race/Hispanic Origin NonHispanic Whites

Age Group	Family	Non-Family	Total	Family	Non-Family	Total
	1995.....			2000.....		
15-19	115,033	193,605	308,638	123,224	207,401	330,625
20-24	1,824,374	1,606,914	3,431,288	1,822,726	1,605,460	3,428,186
25-29	3,795,825	2,148,914	5,944,739	3,331,345	1,957,655	5,289,000
30-34	6,013,572	2,189,714	8,203,286	5,096,150	2,068,386	7,164,536
35-39	6,917,070	1,925,562	8,842,632	6,726,114	2,011,199	8,737,313
40-44	6,693,541	1,801,393	8,494,934	7,071,152	1,976,677	9,047,829
45-49	5,879,381	1,720,911	7,600,292	6,248,076	1,996,315	8,244,391
50-54	4,539,380	1,438,555	5,977,935	5,477,632	1,993,560	7,471,192
55-59	3,703,151	1,267,972	4,971,123	4,197,704	1,670,645	5,868,349
60-64	3,365,760	1,317,992	4,683,752	3,406,426	1,486,845	4,893,271
65-69	3,352,346	1,711,182	5,063,528	3,000,175	1,568,151	4,568,326
70-74	2,837,783	2,027,142	4,864,925	2,738,346	1,956,390	4,694,736
75+	3,437,400	4,801,196	8,238,596	3,918,879	5,743,168	9,662,047
All Ages	52,474,616	24,151,052	76,625,668	53,157,949	26,241,852	79,399,801
	2005.....			2010.....		
15-19	125,508	211,245	336,753	123,075	207,149	330,224
20-24	1,950,813	1,718,279	3,669,092	1,985,419	1,748,760	3,734,179
25-29	3,322,287	1,952,332	5,274,619	3,551,283	2,086,901	5,638,184
30-34	4,556,140	1,878,867	6,435,007	4,537,546	1,871,200	6,408,746
35-39	5,728,191	1,819,902	7,548,093	5,158,658	1,645,500	6,804,158
40-44	6,830,727	1,979,458	8,810,185	5,825,559	1,715,190	7,540,749
45-49	6,687,009	2,176,894	8,863,903	6,421,339	2,106,934	8,528,273
50-54	5,917,673	2,244,031	8,161,704	6,393,727	2,435,740	8,829,467
55-59	5,135,393	2,175,491	7,310,884	5,634,373	2,410,472	8,044,845
60-64	3,969,711	1,854,723	5,824,434	4,928,946	2,335,877	7,264,823
65-69	3,093,641	1,694,222	4,787,863	3,692,721	2,053,800	5,746,521
70-74	2,499,318	1,809,918	4,309,236	2,619,548	1,916,146	4,535,694
75+	4,135,788	6,055,155	10,190,943	4,155,450	6,114,284	10,269,734
All Ages	53,952,199	27,570,517	81,522,716	55,027,644	28,647,953	83,675,597
	2015.....			2020.....		
15-19	114,978	193,522	308,500	111,478	187,630	299,108
20-24	1,943,472	1,711,813	3,655,285	1,817,183	1,600,578	3,417,761
25-29	3,612,424	2,122,831	5,735,255	3,540,527	2,080,581	5,621,108
30-34	4,846,424	1,998,575	6,844,999	4,927,628	2,032,062	6,959,690
35-39	5,135,308	1,638,052	6,773,360	5,481,738	1,748,556	7,230,294
40-44	5,258,686	1,548,288	6,806,974	5,238,976	1,542,485	6,781,461
45-49	5,484,200	1,799,445	7,283,645	4,953,922	1,625,453	6,579,375
50-54	6,129,378	2,335,034	8,464,412	5,239,193	1,995,911	7,235,104
55-59	6,115,346	2,616,240	8,731,586	5,869,203	2,510,936	8,380,139
60-64	5,441,653	2,578,854	8,020,507	5,916,063	2,803,682	8,719,745
65-69	4,615,126	2,566,818	7,181,944	5,109,119	2,841,565	7,950,684
70-74	3,167,541	2,316,992	5,484,533	3,978,600	2,910,266	6,888,866
75+	4,290,362	6,312,792	10,603,154	4,786,499	7,042,802	11,829,301
All Ages	56,154,898	29,739,256	85,894,154	56,970,129	30,922,507	87,892,636

Appendix B (cont'd)

Household Projections by Age and Race/Hispanic Origin NonHispanic Blacks

Age Group	Family	Non-Family	Total	Family	Non-Family	Total
	1995.....			2000.....		
15-19	79,015	16,724	95,739	84,815	17,953	102,768
20-24	527,267	249,088	776,355	550,413	260,022	810,435
25-29	828,563	311,911	1,140,474	858,947	345,837	1,204,784
30-34	1,117,885	352,854	1,470,739	1,063,103	361,365	1,424,468
35-39	1,217,300	361,212	1,578,512	1,249,255	405,131	1,654,386
40-44	1,073,441	322,455	1,395,896	1,229,715	417,754	1,647,469
45-49	823,435	290,920	1,114,355	990,968	399,616	1,390,584
50-54	595,484	257,485	852,969	736,071	366,917	1,102,988
55-59	470,807	248,362	719,169	519,493	306,730	826,223
60-64	383,623	243,273	626,896	403,317	288,935	692,252
65-69	340,810	255,399	596,209	320,712	275,723	596,435
70-74	233,168	210,666	443,834	243,800	243,698	487,498
75+	303,932	383,884	687,816	323,027	434,093	757,120
All Ages	7,994,730	3,504,233	11,498,963	8,573,636	4,123,774	12,697,410
	2005.....			2010.....		
15-19	92,984	19,682	112,666	94,126	19,923	114,049
20-24	589,848	278,652	868,500	646,600	305,462	952,062
25-29	892,898	359,507	1,252,405	957,302	385,438	1,342,740
30-34	1,078,916	378,790	1,457,706	1,120,711	393,464	1,514,175
35-39	1,182,324	396,607	1,578,931	1,187,309	401,396	1,588,705
40-44	1,266,325	447,659	1,713,984	1,193,350	425,126	1,618,476
45-49	1,147,983	487,713	1,635,696	1,185,805	508,079	1,693,884
50-54	901,033	475,839	1,376,872	1,053,901	562,993	1,616,894
55-59	661,098	416,864	1,077,962	821,563	525,057	1,346,620
60-64	457,812	346,086	803,898	595,852	457,545	1,053,397
65-69	346,239	315,135	661,374	403,935	372,625	776,560
70-74	238,863	255,866	494,729	264,269	287,038	551,307
75+	349,342	493,344	842,686	374,132	538,471	912,603
All Ages	9,205,665	4,671,744	13,877,409	9,898,855	5,182,617	15,081,472
	2015.....			2020.....		
15-19	85,518	18,101	103,619	88,651	18,765	107,416
20-24	652,442	308,222	960,664	595,690	281,412	877,102
25-29	1,046,907	421,516	1,468,423	1,060,558	427,012	1,487,570
30-34	1,200,423	421,449	1,621,872	1,310,297	460,024	1,770,321
35-39	1,232,496	416,673	1,649,169	1,319,181	445,978	1,765,159
40-44	1,195,187	425,781	1,620,968	1,241,580	442,308	1,683,888
45-49	1,117,843	478,960	1,596,803	1,120,050	479,905	1,599,955
50-54	1,091,317	582,981	1,674,298	1,029,372	549,890	1,579,262
55-59	964,992	616,722	1,581,714	1,000,061	639,134	1,639,195
60-64	748,644	574,871	1,323,515	882,758	677,855	1,560,613
65-69	535,128	493,649	1,028,777	672,190	620,086	1,292,276
70-74	313,302	340,296	653,598	417,417	453,382	870,799
75+	415,644	598,217	1,013,861	481,852	693,509	1,175,361
All Ages	10,599,843	5,697,438	16,297,281	11,219,657	6,189,260	17,408,917

Appendix B (cont'd)

Household Projections by Age and Race/Hispanic Origin NonHispanic Asians and Others

Age Group	Family	Non-Family	Total	Family	Non-Family	Total
	1995.....			2000.....		
15-19	9,196	19,538	28,734	11,193	23,780	34,973
20-24	106,769	114,790	221,559	110,382	118,675	229,057
25-29	214,422	134,119	348,541	231,794	166,862	398,656
30-34	324,356	119,001	443,357	354,528	152,186	506,714
35-39	384,260	85,975	470,235	433,234	112,056	545,290
40-44	375,927	62,113	438,040	440,453	83,258	523,711
45-49	315,918	50,301	366,219	386,434	70,732	457,166
50-54	228,388	39,758	268,146	319,138	62,707	381,845
55-59	168,965	35,065	204,030	219,755	49,412	269,167
60-64	128,412	33,954	162,366	167,045	45,093	212,138
65-69	94,025	36,526	130,551	117,792	44,616	162,408
70-74	66,035	34,879	100,914	83,358	42,736	126,094
75+	86,302	54,860	141,162	126,561	79,520	206,081
All Ages	2,502,975	820,879	3,323,854	3,001,667	1,051,633	4,053,300
	2005.....			2010.....		
15-19	12,463	26,478	38,941	14,663	31,152	45,815
20-24	131,731	141,627	273,358	145,680	156,625	302,305
25-29	240,252	172,950	413,202	281,628	202,735	484,363
30-34	385,744	177,838	563,582	401,396	185,054	586,450
35-39	476,355	135,248	611,603	518,729	150,546	669,275
40-44	495,585	101,808	597,393	544,340	115,035	659,375
45-49	454,108	88,598	542,706	509,444	101,470	610,914
50-54	391,957	81,943	473,900	461,483	97,897	559,380
55-59	302,988	71,875	374,863	373,438	89,866	463,304
60-64	214,115	59,802	273,917	291,320	82,351	373,671
65-69	148,869	56,576	205,445	188,134	72,016	260,150
70-74	101,515	51,205	152,720	125,470	63,263	188,733
75+	170,469	105,594	276,063	215,335	132,805	348,140
All Ages	3,526,151	1,271,542	4,797,693	4,071,060	1,480,815	5,551,875
	2015.....			2020.....		
15-19	15,921	33,827	49,748	17,577	37,344	54,921
20-24	169,333	182,055	351,388	182,798	196,531	379,329
25-29	309,745	222,976	532,721	355,921	256,217	612,138
30-34	462,372	213,165	675,537	504,435	232,557	736,992
35-39	540,641	156,906	697,547	616,737	178,991	795,728
40-44	590,974	124,890	715,864	616,834	130,355	747,189
45-49	558,166	111,175	669,341	605,179	120,538	725,717
50-54	515,877	109,436	625,313	563,795	119,601	683,396
55-59	437,708	105,333	543,041	488,116	117,463	605,579
60-64	356,602	100,805	457,407	416,171	117,644	533,815
65-69	252,321	96,586	348,907	306,180	117,203	423,383
70-74	157,582	79,455	237,037	208,896	105,328	314,224
75+	266,118	164,125	430,243	329,762	203,377	533,139
All Ages	4,633,360	1,700,734	6,334,094	5,212,401	1,933,149	7,145,550

Appendix B (cont'd)

Household Projections by Age and Race/Hispanic Origin Hispanics

Age Group	Family	Non-Family	Total	Family	Non-Family	Total
	1995.....			2000.....		
15-19	67,645	28,549	96,194	80,248	33,868	114,116
20-24	482,322	118,236	600,558	564,589	138,403	702,992
25-29	794,361	168,813	963,174	859,239	158,686	1,017,925
30-34	1,008,661	183,803	1,192,464	1,106,679	180,504	1,287,183
35-39	951,188	149,440	1,100,628	1,196,278	188,441	1,384,719
40-44	776,769	121,466	898,235	1,037,078	165,459	1,202,537
45-49	580,568	108,096	688,664	774,220	139,667	913,887
50-54	417,946	85,459	503,405	564,967	134,426	699,393
55-59	325,614	89,508	415,122	401,889	112,856	514,745
60-64	266,926	88,806	355,732	308,691	117,561	426,252
65-69	218,342	100,610	318,952	246,433	121,049	367,482
70-74	141,211	102,502	243,713	178,984	126,764	305,748
75+	134,091	134,006	268,097	210,968	232,315	443,283
All Ages	6,165,644	1,479,294	7,644,938	7,530,263	1,849,999	9,380,262
	2005.....			2010.....		
15-19	93,181	39,327	132,508	113,018	47,699	160,717
20-24	649,852	159,304	809,156	725,440	177,834	903,274
25-29	985,964	182,090	1,168,054	1,092,387	201,745	1,294,132
30-34	1,191,034	181,291	1,372,325	1,324,654	201,630	1,526,284
35-39	1,293,510	192,927	1,486,437	1,367,087	200,536	1,567,623
40-44	1,277,607	204,052	1,481,659	1,354,916	213,613	1,568,529
45-49	1,012,828	184,099	1,196,927	1,221,233	221,948	1,443,181
50-54	745,606	175,233	920,839	954,603	224,551	1,179,154
55-59	542,739	162,596	705,335	705,677	210,899	916,576
60-64	384,451	148,613	533,064	514,820	201,745	716,565
65-69	290,051	151,246	441,297	360,444	188,813	549,257
70-74	204,481	149,473	353,954	242,382	179,706	422,088
75+	279,508	304,411	583,919	344,737	378,900	723,637
All Ages	8,950,812	2,234,662	11,185,474	10,321,398	2,649,619	12,971,017
	2015.....			2020.....		
15-19	120,682	50,933	171,615	133,446	56,321	189,767
20-24	856,861	210,050	1,066,911	912,695	223,738	1,136,433
25-29	1,197,172	221,097	1,418,269	1,404,450	259,377	1,663,827
30-34	1,446,727	220,211	1,666,938	1,581,997	240,801	1,822,798
35-39	1,506,021	220,916	1,726,937	1,642,684	240,962	1,883,646
40-44	1,424,376	224,563	1,648,939	1,568,388	247,268	1,815,656
45-49	1,287,245	233,945	1,521,190	1,355,042	246,266	1,601,308
50-54	1,141,318	268,472	1,409,790	1,203,557	283,112	1,486,669
55-59	895,035	267,490	1,162,525	1,069,950	319,765	1,389,715
60-64	664,234	260,297	924,531	841,906	329,921	1,171,827
65-69	480,592	251,751	732,343	619,081	324,296	943,377
70-74	300,947	223,127	524,074	400,473	296,916	697,389
75+	420,696	462,387	883,083	516,574	567,767	1,084,341
All Ages	11,741,906	3,115,239	14,857,145	13,250,243	3,636,510	16,886,753