

## **MODIFIED RACE SUMMARY FILE METHODOLOGY**

### **PURPOSE: POPULATION ESTIMATES AND PROJECTIONS**

This Modified Race Summary File contains modified counts by race categories based on Census 2010 data tabulated by five year age, sex, and Hispanic origin categories for counties and county equivalents in the United States and Puerto Rico. The Census Bureau's Population Estimates Program modifies the tabulated race data for use in the production of Census 2010 based post-censal population estimates and projections. The modification reconciles the Census 2010 race categories with race categories that appear, or will appear, in the data from administrative records, which we use to produce population estimates and projections. The modification in this summary file does not correct or adjust Census 2010 tabulating or coding procedures for race data, nor does it correct for undercoverage or duplication of persons in Census 2010.

### **CENSUS 2010 RACE CATEGORIES**

Many state and local agencies comply with the U.S. Office of Management and Budget (OMB) 1997 revised standards for the collection, tabulation, and presentation of federal data on race and ethnicity. These revised OMB standards identify a minimum of five racial categories: White; Black or African American; American Indian and Alaska Native; Asian; and Native Hawaiian and Other Pacific Islander. Much like Census 2000, in Census 2010, respondents were given the option to mark one or more races on the questionnaire to indicate their racial identity. When these Census 2010 counts are displayed, they show data for people who reported a race either alone or in combination with other races.

To allow for Census 2010 respondents who do not identify with any of the above five OMB race categories, OMB approved Census Bureau's inclusion of a sixth race category: Some Other Race. Space was provided on the questionnaire to allow respondents to also write in their race if their selected response category was Some Other Race.

Because of needs to have census data comparable with the reporting categories used by state and local agencies and for compiling other administrative data used in producing population estimates and projections, the Census Bureau developed a procedure to assign an OMB race to those who reported Some Other Race. (For more information about race classifications in Census 2010, see the Census Bureau's publication "Overview of Race and Hispanic Origin: 2010" at: [www.census.gov/prod/cen2010/briefs/c2010br-02.pdf](http://www.census.gov/prod/cen2010/briefs/c2010br-02.pdf).)

### **RACE MODIFICATIONS**

This summary file provides data from Census 2010 that have been modified to assign each of the persons who selected the Some Other Race category to an OMB race category. The modified race data include 31 race groups (five Office of Management and Budget single race categories and every combination of those five).

The following describes the modifications used to reconcile the Census 2010 race categories with those race categories that appear in the data from administrative records, which are used to produce population estimates and projections.

## METHODOLOGY

### *Definitions*

- A specified race response is a response of one or more of the five Office of Management and Budget (OMB) race categories: White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander.
- A non-specified race response is a response of Some Other Race.

### *Categorization of Census 2010 Race Responses*

- Single or multiple race responses that include only specified OMB races.
- Single race responses of a non-specified race (Some Other Race alone).
- Two or more race responses that include both the specified OMB race(s) and the non-specified response, Some Other Race.

### *Modification Procedures*

- No modification was made for race responses where only a specified OMB race was provided alone or in combination with one or more OMB races (e.g., White alone, White *and* Black or African American; White *and* Black or African American *and* American Indian and Alaska Native).
- Non-specified race responses of Some Other Race alone were modified by blanking the non-specified race response and allocating a specified OMB race alone or in combination. Race was allocated from a donor within the household that matched on Hispanic origin. If a donor could not be found within the household, a race was allocated from a hot deck matrix where the donor and donee matched on the specific Hispanic origin (Not Hispanic or Latino; Mexican; Puerto Rican; Cuban; Central American and Dominican; South American; other Spanish).
- Race responses of both specified and non-specified races were modified by blanking the non-specified race and using the specified OMB race(s). For example, White *and* Some Other Race became White alone; White *and* Black or African American *and* Some Other Race became White *and* Black or African American.

### *Race Allocation Guidelines*

- Within household race allocation:
  - Donors and donees must match on the specific Hispanic origin (Not Hispanic or Latino; Mexican; Puerto Rican; Cuban; Central American and Dominican; South American; other Spanish).
  - Donors were permitted to have a race and Hispanic origin that was allocated or edited as part of the Census 2010 edit procedures.
  - Donors were permitted to have a race that was modified.
  - The within-household allocation was consistent with the household relationship guidelines used in Census 2010 procedures.
- Race allocation from the hot deck matrix:
  - Donors and donees must match on specific Hispanic origin (Not Hispanic or Latino; Mexican; Puerto Rican; Cuban; Central American and Dominican; South American; other Spanish).

- Donors could *not* have a race or Hispanic origin that had been allocated or edited as part of the Census 2010 procedures.
- Donors could *not* have a race that had been modified.
- Donors were permitted to have an edited age but had to be in the same broad age range (0-14, 15-34, 35-54, 55+).
- Hot deck guidelines were consistent with the Census 2000 procedures.

## FINAL MODIFIED RACE CATEGORIES

1. White alone
2. Black or African American alone
3. American Indian and Alaska Native alone
4. Asian alone
5. Native Hawaiian and Other Pacific Islander alone
6. White *and* Black or African American
7. White *and* American Indian and Alaska Native
8. White *and* Asian
9. White *and* Native Hawaiian and Other Pacific Islander
10. Black or African American *and* American Indian and Alaska Native
11. Black or African American *and* Asian
12. Black or African American *and* Native Hawaiian and Other Pacific Islander
13. American Indian and Alaska Native *and* Asian
14. American Indian and Alaska Native *and* Native Hawaiian and Other Pacific Islander
15. Asian *and* Native Hawaiian and Other Pacific Islander
16. White *and* Black or African American *and* American Indian and Alaska Native
17. White *and* Black or African American *and* Asian
18. White *and* Black or African American *and* Native Hawaiian and Other Pacific Islander
19. White *and* American Indian and Alaska Native *and* Asian
20. White *and* American Indian and Alaska Native *and* Native Hawaiian and Other Pacific Islander
21. White *and* Asian *and* Native Hawaiian and Other Pacific Islander
22. Black or African American *and* American Indian and Alaska Native *and* Asian
23. Black or African American *and* American Indian and Alaska Native *and* Native Hawaiian and Other Pacific Islander
24. Black or African American *and* Asian *and* Native Hawaiian and Other Pacific Islander
25. American Indian and Alaska Native *and* Asian *and* Native Hawaiian and Other Pacific Islander
26. White *and* Black or African American *and* American Indian and Alaska Native *and* Asian
27. White *and* Black or African American *and* American Indian and Alaska Native *and* Native Hawaiian and Other Pacific Islander
28. White *and* Black or African American *and* Asian *and* Native Hawaiian and Other Pacific Islander
29. White *and* American Indian and Alaska Native *and* Asian *and* Native Hawaiian and Other Pacific Islander
30. Black or African American *and* American Indian and Alaska Native *and* Asian *and* Native Hawaiian and Other Pacific Islander
31. White *and* Black or African American *and* American Indian and Alaska Native *and* Asian *and* Native Hawaiian and Other Pacific Islander