

## **RANDS 9: technical documentation of the OMB\_racethnicity variable**

The RANDS 9 survey contractor NORC at the University of Chicago (NORC) created the OMB\_racethnicity variable using information collected on the survey questionnaire.

The survey question was: "What races or ethnicities are you? Please select all that apply, and note that you may report more than one group. Are you:

### **RESPONSE OPTIONS:**

1. White
2. Hispanic or Latino
3. Black or African American
4. Asian
5. American Indian or Alaska Native
6. Middle Eastern or North African
7. Native Hawaiian or Pacific Islander

The response(s) was (were) coded into variables DEM\_RACE\_1 through DEM\_RACE\_7 corresponding to the above options. Each of these was coded '1' if the respondent included the choice in their response, coded '0' if not included, and left blank if there was nonresponse to the question.

The RANDS 9 AmeriSpeak sample included records where there was nonresponse to this question. When there was nonresponse to the question, the survey contractor assigned the value of the AmeriSpeak panel racethnicity variable to OMB\_racethnicity. Otherwise the following logic was used:

OMB\_RACETHNICITY=1 if DEM\_RACE\_1=1 or DEM\_RACE\_6=1 (the two variables could not both be equal to 1), all other DEM\_RACE variables equal to zero.

OMB\_RACETHNICITY=2 if DEM\_RACE\_3=1, all other DEM\_RACE variables equal to zero.

OMB\_RACETHNICITY=4 if DEM\_RACE\_2=1.

OMB\_RACETHNICITY=6 if DEM\_RACE\_4=1 or DEM\_RACE=7 (the two variables could not both be equal to 1), all other DEM\_RACE variables equal to zero.

OMB\_RACETHNICITY=5 if two or more of DEM\_RACE\_1, DEM\_RACE\_3, DEM\_RACE\_4, DEM\_RACE\_5, DEM\_RACE\_6, and DEM\_RACE\_7 were equal to 1.

The remaining records were assigned OMB\_RACETHNICITY=3.

All records in the RANDS 9 non-probability sample had response to the survey question. OMB\_racethnicity was assigned as follows:

OMB\_RACETHNICITY=1 if DEM\_RACE\_1=1 or DEM\_RACE\_6=1 (the two variables could not both be equal to 1), all other DEM\_RACE variables equal to zero.

OMB\_RACETHNICITY=2 if DEM\_RACE\_3=1, all other DEM\_RACE variables equal to zero.

OMB\_RACETHNICITY=4 if DEM\_RACE\_2=1.

OMB\_RACETHNICITY=6 if DEM\_RACE\_4=1 or DEM\_RACE=7 (the two variables could not both be equal to 1), all other DEM\_RACE variables equal to zero.

OMB\_RACETHNICITY=5 if two or more of DEM\_RACE\_1, DEM\_RACE\_3, DEM\_RACE\_4, DEM\_RACE\_5, DEM\_RACE\_6, and DEM\_RACE\_7 were equal to 1.

The remaining records were assigned OMB\_RACETHNICITY=3.

This resulted in the variable OMB\_racethnicity which has the following categories:

- 1 = "White, non-Hispanic"
- 2 = "Black, non-Hispanic"
- 3 = "Other, non-Hispanic"
- 4 = "Hispanic"
- 5 = "2+, non-Hispanic"
- 6 = "Asian, non-Hispanic" ;

For the RANDS 9 data release, NCHS combined the categories "2+ non-Hispanic" and "Asian non-Hispanic" with the category "All other non-Hispanic" to limit disclosure risk.