

## Calculated Variables on the 2000 Behavioral Risk Factor Surveillance System Data File

Variables that begin with an underscore (e.g. \_RFHYPE2) are calculated from questionnaire variables. Exceptions are RACE– which is calculated from ORACE and HISPANIC– and \_STATE, \_PSU, and \_RECORD which are determined before the interview.

A number of calculated variables are used to weight the data and reflect sample design and other information, and are therefore not included in the descriptive text below. The weighting/sample design variables are \_RACEG, \_AGEG\_, \_SEXG\_, \_CSA, \_DENSTR, \_DENWT, \_IMPAGE, \_MSACODE, \_GEOWT, \_POSTSTR, \_RAW, \_RECORD, \_REGION, \_STSTR, \_GEOSTR, \_DENSTR, \_WT1, and \_FINALWT.

Hypertension Awareness:

### \_RFHYPE2

- 1 Not at Risk: Respondents who had their blood pressure checked and were not told their pressure is high by a health professional.
- 2 At Risk: Respondents who had their blood pressure checked and were told their pressure is high by a health professional.
- 9 Blank/NA/Refused: Respondents who report they did not have their blood pressure checked, those who had their blood pressure checked and “don’t know” if they were told if their blood pressure is high and those who “refused” to answer the question or the response is missing because the question was not asked.

### \_BPCHECK

- 1 Not at Risk: Respondents who had their blood pressure checked within the past two years.
- 2 At Risk: Respondents who did not have their blood pressure checked within the past two years.
- 9 Blank/NA/Refused: Respondents who “don’t know” if they had their blood pressure checked by a health professional or those who “refused” to answer the question or the response is missing because the question was not asked.

## Cholesterol Screening

### \_CHOLCHK

- 1 Respondents who had their cholesterol checked within the past five years.
  - 2 Respondents who did not have their cholesterol checked within the past five years.
  - 3 Respondents who never had their cholesterol checked.
  - 9 NA/Refused: Respondents who “don’t know” if they had their cholesterol checked by a health professional or those who “refused” to answer the question.
- Blank Missing: Respondents were not asked the question and response is missing

## Fruits & Vegetables

### \_FRTINDEX (Index of fruit and vegetable consumption)

- 1 Less than 1 per day or never: Respondents reporting they never consume fruits or vegetables or consume less than 1 serving per day
- 2 1 to less than 3 times per day: Respondents reporting they consume 1 to less than 3 servings of fruits and vegetables per day.
- 3 3 to less than 5 times per day: Respondents reporting they consume 3 to less than 5 servings of fruits and vegetables per day.
- 4 5 or more times per day: Respondents reporting they consume 5 or more servings of fruits and vegetables per day.
- 9 NA/Refused: Respondents who “don’t know” or “refused” to answer all of the fruit and vegetable questions prohibiting calculation of the daily servings level.

## Overweight & Obese

### \_BMI2CAT (Body Mass Index- three levels)

Body mass is computed as weight in kilograms divided by height in meters squared, (weight/height\*\*2). \_BMI2 is an intermediate variable used in calculating this measure.

- 1 Normal weight: Respondents with a body mass index less than 25.0.

- 2      Overweight:              Respondents with a body mass index equal to or greater than 25.0 but less than 30.0.
- 3      Obese: Respondents with a body mass index equal to or greater than 30.0.
- 9      NA/Refused: Respondents who “don’t know” or “refused” to answer the height or weight questions prohibiting calculation of body mass index.

\_RFBMI2

- 1      Not at Risk:    Respondents with a body mass index less than 25.0.
- 2      At Risk:              Respondents with a body mass index equal to or greater than 25.0.
- 9      NA/Refused: Respondents who “don’t know” or “refused” to answer the height or weight questions prohibiting calculation of body mass index.

Tobacco Consumption

\_RFSMOK2 (Current Smoking Status)

- 1      Not at Risk:    Respondents who have not smoked at least 100 cigarettes in their lifetime or those who have smoked 100 cigarettes in their lifetime but do not currently smoke.
- 2      At Risk:              Respondents who have smoked at least 100 cigarettes in their lifetime and now smoke.
- 9      NA/Refused: Respondents who report they “don’t know” if they have smoked at least 100 cigarettes in their lifetime or “refused” to answer the tobacco consumption questions.

\_SMOKER2 (Smoker Status- 4 levels)

- 1      Current Smoker (every day): Respondents who have smoked at least 100 cigarettes in their lifetime and now smoke every day.
- 2      Current Smoker (some days): Respondents who have smoked at least 100 cigarettes in their lifetime and now smoke some days.
- 3      Former Smoker:              Respondents who have smoked at least 100 cigarettes in their lifetime and currently do not smoke.

- 4 Never Smoked: Respondents who have not smoked at least 100 cigarettes in their lifetime.
- 9 NA/Refused: Respondents who report they “don’t know” if they have smoked at least 100 cigarettes in their lifetime or “refused” to answer the question, or those who have smoked 100 cigarettes in their lifetime but refused to answer whether they smoke now.

## Smokeless Tobacco

### \_RFTOBAC (Current Smokeless Tobacco Use)

- 1 Not at Risk: Respondents who have not used smokeless tobacco products or those who have used smokeless tobacco products, but do not currently use them.
- 2 At Risk: Respondents who have used smokeless tobacco products and currently use them.
- 9 Blank/NA/Refused: Respondents who report they “don’t know” if they have used smokeless tobacco products or “refused” to answer the questions or the responses are missing because the question was not asked.

### \_SMKLESS (Smokeless Tobacco User Status- 3 levels)

- 1 Current User: Respondents who have used smokeless tobacco products and currently use them.
- 2 Former User: Respondents who have used smokeless tobacco products, but currently do not use them.
- 3 Never Used: Respondents who have never used smokeless tobacco products.
- 9 Blank/NA/Refused: Respondents who report they “don’t know” if they have used smokeless tobacco products or “refused” to answer the question or the response is missing because the question was not asked.

## Alcohol Consumption

### \_RFDRACU (Acute or Binge Drinking)

- 1 Not at Risk: Respondents who report they did not have alcoholic beverages in the past

month and who did not have five or more drinks on an occasion.

- 2     At Risk:        Respondents who report they had alcoholic beverages in the past month and had five or more alcoholic drinks on one or more occasions in the past month.
  
- 9     Blank/NA/Refused:   Respondents who report they “don’t know” if they had five or more drinks on an occasion or those who “refused” to answer the questions or the responses are missing because the questions were not asked.

\_RFDRDRI (Drinking and Driving)

- 1     Not at Risk:        Respondents who did not have alcoholic beverages in the past month or respondents who had alcoholic beverages in the past month but did not drive a car after having too much to drink.
  
- 2     At Risk:            Respondents who had alcoholic beverages in the past month and have driven after having too much to drink one or more times in the past month.
  
- 9     Blank/NA/Refused:   Respondents who “don’t know” if they have driven after having too much to drink or those who “refused” to answer the questions or the responses are missing because the questions were not asked.

\_RFDRCHR (Chronic Drinking)

Chronic drinking is defined as having an average of two or more drinks per day or sixty or more drinks per month.

- 1     Not at Risk:        Respondents who report they did not have alcoholic beverages in the past month and who did not have 60 or more drinks per month (based on total number of drinks per month).
  
- 2     At Risk:            Respondents who report they had an average of two or more drinks per day or 60 or more per month (based on total number of drinks per month).
  
- 9     Blank/NA/Refused:   Respondents who report they “don’t know” how many days a week they drank alcoholic beverages or “don’t know” how many drinks they drank on the average or those who “refused” to answer the questions or the responses are missing because the questions were not asked.

\_DRNKMO

This variable is derived by calculating the total number of drinks consumed per month= $(\text{number of days} \times \text{number of drinks}) \times \text{frequency}$ . Respondents who did not drink alcoholic beverages in the past month are assigned the code "8888". Respondents who refused or did not know the quantity consumed or response missing are assigned the code "9999".

### Physical Inactivity/Activity

See article "Description of the Scoring System for the Physical Activity Questions of the Behavioral Risk Factor Surveillance System" written by Carl Caspersen, PhD (770-488-5513) for computation of the scoring system (activity levels):

#### \_TOTINDX (Index of Physical Activity - 4 levels)

- 1 Physical Inactive: Respondents reporting no physical activity (formerly labeled Sedentary from 1984 to 1991).
- 2 Irregular Activity: Any physical activity or pair of activities done for less than 20 minutes or less than three times per week.
- 3 Regular Activity: Any physical activity or pair of activities done for 20 or more minutes, three or more times per week, less than 50% of capacity.
- 4 Regular and Vigorous Activity: Any physical activity or pair of activities that requires rhythmic contraction of large muscle groups at 50% functional capacity for 20 or more minutes, three or more times per week.
- 9 NA/Refused: Respondents who report they "don't know" if they have participated in any physical activity during the past month or those who "refused" to answer the physical activity questions.

#### \_TOTINDA (No Leisure Time Physical Activity)

- 1 Not at Risk: Respondents reporting no physical activity.
- 2 At Risk: Respondents who report any level of physical activity.
- 9 NA/Refused: Respondents who report they "don't know" if they have participated in any physical activity during the past month or those who "refused" to answer the physical activity questions.

\_TOTINDB (Regular and Vigorous Physical Activity)

- 1 Not at Risk: Respondents who report physical activity for 20 or more minutes, three or more times per week at 50% of capacity. .
- 2 At Risk: Respondents who report no physical activity or less than 20 or more minutes, three or more times per week at 50% of capacity.
- 9 NA/Refused: Respondents who report they “don’t know” if they have participated in any physical activity during the past month or those who “refused” to answer the physical activity questions.

\_RFREGUL (Regular and Sustained Physical Activity)

- 1 Not at Risk: Respondents who report physical activity for 30 or more minutes, five or more times per week regardless of intensity.
- 2 At Risk: Respondents who report no physical activity or less than 30 or more minutes, five or more times per week.
- 9 NA/Refused: Respondents who report they “don’t know” if they have participated in any physical activity during the past month or those who “refused” to answer the physical activity questions.

Demographics

RACE (Race/Ethnicity)

Beginning in 1995, respondents reporting Asian/Pacific Islander and American Indian/Alaska Native race who also state Hispanic are coded as Hispanic. The race question and the Hispanic question are used to create the new race variable. The new race variable includes Hispanic categories.

White Non-Hispanic: Respondents who report they are white but not of Hispanic origin. 02=if race=1 and Hispanic origin=2,7, or 9.

Black Non-Hispanic: Respondents who report they are black but not of Hispanic origin. 01=if race=2 and Hispanic origin=2,7, or 9.

White Hispanic: Respondents who report they are white and of Hispanic origin. 03=if race=1 and Hispanic origin=1.

- Black Hispanic: Respondents who report they are black and of Hispanic origin. 04=if race=2 and Hispanic origin=1.
- Other Hispanic: Respondents who report they are of other race, as well as those respondents who “don’t know” their race or “refused” to give their race and are also of Hispanic origin. 05=if race=6,7,8, or 9, missing and Hispanic origin=1.
- Asian or Pacific Islander: Respondents who report they are Asian or Pacific Islander and not of Hispanic origin. 06=if race=3 and Hispanic origin=2,7, or 9.
- American Indian, Alaska Native: Respondents who report they are American Indian or Alaska Native and not of Hispanic origin. 07=if race=4 and Hispanic origin=2,7, or 9.
- Other: respondents who report they are of some other race group not listed in the question responses and are not of Hispanic origin. 08=if race=5 and Hispanic=2,2 or 9.
- Don’t Know/Not sure: Respondents who “don’t know” their race and “don’t know” if they are of Hispanic origin. 77=if race =7 or race value is missing and Hispanic=2,7, or 9 or Hispanic value is missing.
- Refused: Respondents who “refused” to give their race are not of Hispanic origin or “don’t know” if they are of Hispanic origin or “refused” to give the information. 99=if race =9 and Hispanic=2,7, or 9 or Hispanic value is missing.

## \_RACEG

- White, Non-Hispanic: Respondents who report they are white but not of Hispanic origin. 01=if race =1 and Hispanic origin=2.
- Non-White or Hispanic: All other respondents with valid responses (excludes persons with race=1 and Hispanic=2).
- Don’t Know, Refused, Missing: Respondents who “don’t know” their race and “don’t know” if they are of Hispanic origin. 77=if race =7 or race value is missing and Hispanic=2,7, or 9 or Hispanic value is missing or those who “refused” to give their race are not of Hispanic origin or “don’t know” if they are of Hispanic origin or “refused” to give the information. 99=if race =9 and Hispanic=2,7, or 9 or Hispanic value is missing.