Calculated Variables on the 2001 Behavioral Risk Factor Surveillance System Data File

Variables that begin with an underscore (e.g. _RFHYPE3) are calculated from questionnaire variables. Exceptions are _DENSTR, _GEOSTR, _RECORD, and _STATE, that 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 _AGEG_, _CSA, _DENWT, _FINALWT, _GEOWT, _IMPAGE, _IMPNPH, _MSACODE, _POSTSTR, _QSTVER, _RACEG2_, _RAW, _REGION, _SEXG_, _STSTR, and _WT2.

Demographics: Age
_AGE (3 level age category)
This variable is derived from the variable AGE and breaks it into three categories:
1   ages including 18–34
2   ages including 35–54
3   ages including 55–99

_AGEG5YR (14 level age category)
This variable is derived from the variable AGE and breaks it into 14 categories:
1   ages including 18–24
2   ages including 25–29
3   ages including 30–34
4   ages including 35–39
5   ages including 40–44
6   ages including 45–49
7   ages including 50–54
8   ages including 55–59
9   ages including 60–64
10   ages including 65–69
11   ages including 70–74
12   ages including 75–79
13   ages including 80–99
14   those respondents with unknown or missing age values or those that refused to give an age value.

_AGE65YR (2 level age category)
This variable is derived from the variable AGE and breaks it into three categories:
1   ages less than or equal to 64,
2   ages greater than 64 and
3   those respondents with unknown or missing age values or those that refused to give an age value.

Demographics: Overweight & Obese
HTIN (Reported height in inches)

This variable is derived from the variable HEIGHT. It uses the foot portion of HEIGHT times 12 plus the inch portion to get the overall height in inches. If HEIGHT is equal to 777 or 999 then HTIN is missing.

HTM (Reported height in meters)
This variable is derived from the variable HTIN. Height in inches is converted to height in centimeters by using the *conversion factor 2.54 cm/in*. Note: HTM is stored in the data set with two implied decimal places. If HEIGHT is equal to 777 or 999 then HTM is missing.

HTIN = (HT {1} *12) + (HT{2}); *convert height to inches*
HTM = (HTIN * 2.54)/100; *convert height to centimeters*

WTKG (Reported weight in kilograms)
This variable is derived from the variable WEIGHT. Weight in pounds is converted to weight in kilograms by using the *conversion factor 2.2 kg/lb*. Note: WTKG is stored in the data set with two implied decimal places. If WEIGHT is equal to 777 or 999 then WTKG is missing.

WTKG = WEIGHT/ 2.2; *convert weight to kilograms*
BMI = WTKG/ (HTM **2); *compute BMI*

_BMI2 (Body Mass Index)
This variable is derived from the variables HTM and WTKG. _BMI2 is equal to WTKG divided by HTM².

_BMI2 = ROUND ((BMI * 10000),1) ; *calculates BMI free of decimals*

_BMI2CAT   (Body Mass Index- three levels)
Body mass is computed as weight in kilograms divided by height in meters squared, (weight/height²). _BMI2 is an intermediate variable used in creating these categories.

1	Normal weight:	Respondents with a body mass index less than 250000.
2	Overweight:	Respondents with a body mass index equal to or greater than 250000 but less than 300000.
3	Obese:	Respondents with a body mass index equal to or greater than 300000 but less than 999999.
9	DK/Refused:	Respondents who "don't know" or "refused" to answer the height or weight questions prohibiting calculation of body mass index.

_RFBMI2 (At risk for overweight or obese)

1	Not at Risk:	Respondents with a body mass index less than 250000.
2	At Risk:	Respondents with a body mass index equal to or greater than 250000.
9	DK/Refused:	Respondents who "don't know" or "refused" to answer the height or weight questions prohibiting calculation of body mass index.

Demographics: RACE
MRACEORG (Reported MRACE variable with trailing 7,8,9's removed). "ORG", refers to the

original order in which the data were received from the state/territory. This variable is derived from MRACE. If MRACE is greater than 9 then any trailing 7,8, or 9 is removed. If MRACE is less than or equal to 9 then MRACEORG is equal to MRACE. (Example: If MRACE=3147 then MRACEORG=314.)

MRACEASC (Reported MRACE variable with trailing 7,8,9's removed, in ascending order) This variable is derived from MRACEORG. The values that make up MRACEORG are sorted from smallest to largest. (Example: If MRACEORG=513 then MRACEASC=135.)

_PRACE (Preferred Race)
This variable is derived from MRACEASC and ORACE2. If MRACEASC has only one response, then _PRACE= MRACEASC. If MRACEASC has more than one response then _PRACE=ORACE2. Hispanic or Latino information is not used to derive this variable.

1	White:	Respondents who report their race as white. (MRACE=1 or if MRACEASC>11 and ORACE2=1).
2	Black:	Respondents who report their race as black. (MRACE=2 or if MRACEASC>11 and ORACE2=2).
3	Asian:	Respondents who report they are Asian. (MRACE=3 or if MRACEASC>11 and ORACE2=3).
4	Native Hawaiian or Pacific Islander:	Respondents who report their race as Native Hawaiian or Pacific Islander. (MRACE=4 or if MRACEASC>11 and ORACE2=4).
5	American Indian, Alaska Native:	Respondents who report their race as American Indian or Alaska Native. (MRACE=5 or if MRACEASC>11 and ORACE2=5).
6	Other Race:	Respondents who report they are of some other race group not listed in the question responses. (MRACE=6 or if MRACEASC>11 and ORACE2=6).
7	No Preferred Race:	Respondents who report they are of more than one race group but do not report a preference or preferred race is missing. (MRACEASC>11 and ORACE2=7,9).
8	Multiracial (Preferred Race Not Asked):	Respondents who report they are of more than one race group but did not answer the question about which race best represents them. **NOTE: This is a data collection error.** (MRACEASC >11 and ORACE2="8").
77	Don't Know:	Respondents who reported they "didn't know" their race and did not answer the question about which race best

represents them. (MRACE=7 and ORACE2="8").

99   Refused: Respondents who "refused" to give their race and did not answer the question about which race best represents them. (MRACE=9 and ORACE2="8").

_MRACE (Multiracial Race categorization)
This variable is derived from MRACEASC. If respondents report more than one race they are assigned to the multiracial category. Otherwise _MRACE=MRACEASC. Hispanic or Latino information not used in defining this variable.

01	White only:	Respondents who report they are white. (MRACEASC=1).
02	Black only:	Respondents who report they are black. (MRACEASC=2).
03	Asian only:	Respondents who report they are Asian. (MRACEASC=3).
04	Native Hawaiian or Pacific Islander only:	Respondents who report they are Native Hawaiian or Pacific Islander. (MRACEASC=4).
05	American Indian, Alaska Native only:	Respondents who report they are American Indian or Alaska Native. (MRACEASC=5).
06	Other Race only:	Respondents who report they are of some other race group not listed in the question responses. (MRACEASC=6).
07	Multiracial:	Respondents who report they are of more than one race group but do not specify a preferred race. (MRACEASC>11).
77	Don't Know/Not Sure:	Respondents who reported they "didn't know" their race. (MRACEASC=7).
99	Refused:	Respondents who "refused" to give their race information. (MRACEASC=9).

RACE2 (Race/Ethnicity)
This variable is derived from the variables _MRACE and HISPANC2. All of those that report they are of Hispanic or Latino origin are coded as Hispanic.

1	White only, Non-Hispanic:	Respondents who report they are white but not of Hispanic origin. (_MRACE=01 and HISPANC2=2).
2	Black only, Non-Hispanic:	Respondents who report they are black but not of Hispanic origin. (_MRACE=02 and HISPANC2=2).
3	Asian only, Non-Hispanic:	Respondents who report they are Asian and not of Hispanic origin. (_MRACE=03 and HISPANC2=2).
4	Native Hawaiian or	Respondents who report they are Native Hawaiian or

	Pacific Islander only, Non-Hispanic:	Islander and not of Hispanic origin. (_MRACE=04 and HISPANC2=2).
5	American Indian, Alaska Native only, Non-Hispanic:	Respondents who report they are American Indian or Alaska Native and not of Hispanic origin. (_MRACE= 05 and HISPANC2=2).
6	Other Race only, Non-Hispanic:	Respondents who report they are of some other race group not listed in the question responses and are not of Hispanic origin. (_MRACE=06 and HISPANC2=2).
7	Multiracial, Non-Hispanic:	Respondents who report they are of more than one race group and are not of Hispanic origin. (_MRACE=07 and HISPANC2=2).
8	Hispanic:	Respondents who report they are of Hispanic origin. (HISPANC2=1).
9	DK/REF:	Respondents who "don't know" or "refused" to give their race and are not of Hispanic origin or "don't know" if they are of Hispanic origin or "refused" to answer. (_MRACE =77,99 and HISPANC2=2, or HISPANC2=7,9).

_RACEG2 (White/Hispanic race group)
This variable is derived from RACE2.

1	White only, Non-Hispanic:	Respondents who report they are white but they are not of Hispanic origin. (RACE2=1).
2	Non-White or Hispanic:	All other respondents with valid RACE2 responses. (RACE2=2,3,4,5,6,7,8).
9	DK/REF:	Respondents who "don't know" their race or if they are of Hispanic origin or refused to give their race or Hispanic origin. (RACE2=9).

_RACEGR2 (5 level race category)
This variable is derived from RACE2.

1	White only, Non-Hispanic:	Respondents who report they are white but they are not of Hispanic origin. (RACE2=1).
2	Black only, Non-Hispanic:	Respondents who report they are black but they are not of Hispanic origin. (RACE2=2).
3	Other Race only, Non-Hispanic:	All other respondents with valid race response, but not multiracial and not of Hispanic origin. (RACE2=3,4,5,6).

4	Multiracial, Non-Hispanic:	All other respondents with multiracial responses and not of Hispanic origin. (RACE2=7).
5	Hispanic:	Respondents who report that they are of Hispanic origin. (RACE2=8).
9	DK/REF:	Respondents who "didn't know" their race or Hispanic origin and "refused" to give their race or Hispanic origin. (RACE2=9).

_CNRACE (Number of Census Race Categories Chosen)
This variable is derived from MRACEASC (MRACE) and is equal to the number of chosen "census" race categories from 0–5: (White, Black, Asian, Native Hawaiian/Pacific Islander, American Indian/Alaska Native). If MRACEASC is between 1 and 5 then _CNRACE is equal to 1. If MRACEASC is between 6 and 9 then _CNRACE is equal to zero.

_CNRACEC (Number of Census Race Categories Chosen, Collapsed)
This variable is derived from _CNRACE. If CNRACE is equal to zero then _CNRACEC is set to missing. If CNRACE is equal to one then _CNRACEC is equal to one. If CNRACE is greater than one then _CNRACEC is equal to two.

For definition purposes:
 _CNRACEC

1   One census race category chosen by the respondent

2   Two or more census race categories chosen by the respondent

MISS   Respondent answered "other", "don't know" or "refused" to answer race question.

Hypertension Awareness:
 _RFHYPE3
This variable is derived from BPHIGH2.

1	Not at Risk:	Respondents who were not told their pressure is high by a health professional (BPHIGH2=2).
2	At Risk:	Respondents who were told their pressure is high by a health professional (BPHIGH2=1).
9	DK/REF/MISS:	Respondents "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 (BPHIGH2=7,9,".").

Cholesterol Awareness:
 _CHOLCHK

This variable is derived from BLOODCHO and CHOLCHK.

1	Checked	Respondents who had their cholesterol checked within the past five years (BLOODCHO=1 and CHOLCHK=1,2,3).
2	Not Checked	Respondents who did not have their cholesterol checked within the past five years (BLOODCHO=1 and CHOLCHK=4).
3	Never Checked	Respondents who never had their cholesterol checked (BLOODCHO=2 and CHOLCHK=".").
9	DK/REF/MISS:	Respondents who "don't know" if they had their cholesterol checked by a health professional or those who "refused" to answer the question, or the response is missing (BLOODCHO=7,9 and CHOLCHK=7,9).

_RFCHOL
This variable is derived from BLOODCHO and TOLDHI2.

1	Not at Risk:	Respondents who had their blood cholesterol checked but had not been told it was high (BLOODCHO=1 and TOLDHI2=2).
2	At Risk:	Respondents who had their blood cholesterol checked and had been told that they have high blood cholesterol (BLOODCHO=1 and TOLDHI2=1).
9	DK/REF/MISS:	Respondents who "don't know" if they had high blood cholesterol, those who "refused" to answer the question, or one of the component questions is missing (BLOODCHO=2,7,9 and TOLDHI2=7,9).

Arthritis:
_HASCJS (Chronic Joint Symptoms)
This variable is derived from PAIN12MN and SYMTMMTH.

1	Not at Risk:	Respondents who did not report having chronic joint symptoms present on most days for at least one month during the last year? (PAIN12MN=2 or SYMTMMTH=2).
2	At Risk:	Respondents who reported having chronic joint symptoms present on most days for at least one month during the last year (PAIN12MN=1 and SYMTMMTH=1).
9	DK/REF/MISS:	Respondents who "don't know" if they had chronic joint symptoms, those who "refused" to answer the questions, or were missing one of the component questions (PAIN12MN=7,9,"." or SYMTMMTH=7,9).

_CJSLMT (Chronic Joint Symptoms And Limited Activities)
This variable is derived from _HASCJS and LMTJOINT.

1	Not at Risk:	Respondents who did not report having limited activities due to chronic joint symptoms during the last year (_HASCJS=2 and LMTJOINT=2,7,9).
2	At Risk:	Respondents who reported having limited activities due to chronic joint symptoms during the last year (_HASCJS=2 and LMTJOINT=1).

_CJSARTH (Arthritis)
This variable is derived from _HASCJS and HAVARTH.
1   Not at Risk: Respondents who do not report chronic joint symptoms and have not been diagnosed with arthritis (_HASCJS=1 or HAVARTH=2).
2   At Risk: Respondents who reported being diagnosed with arthritis or report chronic joint symptoms (_HASCJS=2 and HAVARTH=1).
9   DK/REF/MISS: Respondents who "don't know" if they had been told they had arthritis, those who "refused" to answer the questions, or were missing one of the component questions (_HASCJS=9 or HAVARTH=7,9).

Tobacco Use:
_SMOKER2   (Smoker Status- 4 levels)
This variable is derived from SMOKE100 and SMOKEDAY.
1   Current Smoker (every day):   Respondents who have smoked at least 100 cigarettes in their lifetime and now smoke every day (SMOKE100=1 and SMOKEDAY=1).
2   Current Smoker (some days):   Respondents who have smoked at least 100 cigarettes in their lifetime and now smoke some days (SMOKE100=1 and SMOKEDAY=2).
3   Former Smoker: Respondents who have smoked at least 100 cigarettes in their lifetime and currently do not smoke (SMOKE100=1 and SMOKEDAY=3).
4   Never Smoked: Respondents who have not smoked at least 100 cigarettes in their lifetime (SMOKE100=2).
9   DK/REF: 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 (SMOKE100=7,9 or SMOKEDAY=9).

_RFSMOK2   (Current Smoking Status)
This variable is derived from _SMOKER2.
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 (_SMOKER2=3,4).
2   At Risk: Respondents who have smoked at least 100 cigarettes in their lifetime and now smoke (_SMOKER2=1,2).
9   DK/REF: Respondents who report they "don't know" if they have smoked at least 100 cigarettes in their lifetime or "refused" to answer the tobacco use questions (_SMOKER2=9).

Alcohol Consumption:
_DRNKDAY
This variable is derived from ALCDAYS and AVEDRNK. It is derived by calculating the total

number of occasions per day = (ALCDAYS /7 per week or ALCDAYS /30 per month) times the average number of drinks per occasion (AVEDRNK). Respondents who did not drink in the past month are assigned the value zero. Respondents who refused or did not know the quantity consumed or their response is missing are assigned the code "9900". _DRNKDAY is stored in the data set with two implied decimal places. To get the actual value, divide _DRNKDAY by 100.

_DRNKMO
This variable is derived from the variable _ DRNKDAY by multiplying _ DRNKDAY times 30. Respondents who did not drink during the past month are assigned the code zero. Respondents who refused or did not know the quantity consumed or response missing are assigned the code "9999".

DRNKANY2
This variable is derived from ALCDAYS and collapses ALCDAYS into a "Yes/No" variable.

1	Yes	Respondents who did report drinking in the past 30 days (ALCDAYS < 777).
2	No	Respondents who report they did not drink in the past 30 days (ALCDAYS = 888).
7	DK	Respondents who report they "don't know" if they had a drink in the past 30 days (ALCDAYS = 777).
9	REF	Respondents who refused to answer if they had a drink in the past 30 days (ACLDAYS = 999).

_RFBINGE   (Binge Drinking)
Binge drinking is defined as having five or more drinks on an occasion. This variable is derived from DRNK2GE5 and ALCDAYS.

1	Not at Risk:	Respondents who report they did not drink in the past 30 days and who did not have five or more drinks on an occasion (ALCDAYS<300 and DRNK2GE5=88 or ALCDAYS=888).
2	At Risk:	Respondents who report they did drink in the past 30 days and had five or more drinks on one or more occasions in the past month (ALCDAYS<300 and 1<=DRNK2GE5<=76).
9	DK/REF/MISS:	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 (DRNK2GE5=77,99,"." or ALCDAYS=777,999,".").

_ RFDRHVY (Heavy Drinking)
This variable is derived from _DRNKDAY, ALCDAYS and SEX. Heavy drinking defined as: men having an average of more than 2 drinks per day and females having an average of more than 1 drink per day. (_DRNKDAY has two implied decimal places therefore, two drinks per day are equal to _DRNKDAY=200.)

1	Not at Risk:	Male respondents who report they had less than or equal to 2 drinks per day, or female respondents who report they had less than or equal to 1 drinks per day (Sex=1 and _DRNKDAY <= 200

		or Sex=2 and _DRNKDAY <= 100 or ALCDAYS=888).
2	At Risk:	Male respondents who report they had more than 2 drinks per day, or female respondents who report they had more than 1 drink per day (Sex=1 and _DRNKDAY > 200 or Sex=2 and _DRNKDAY > 100).
9	DK/REF/MISS:	Respondents who report they "don't know" they number or drinks they had in the last 30 days or those who "refused" to answer the questions or the responses are missing (_DRNKDAY=".").

_RFDRKMN (Heavy Drinking Among Men)
This variable is derived from _DRNKDAY and SEX and ALCDAYS. Heavy drinking among men is defined as having an average of more than 2 drinks per day. (_DRNKDAY has two implied decimal places therefore, two drinks per day are equal to _DRNKDAY=200.)

1	Not at Risk:	Male respondents who report they had less than or equal to 2 drinks per day, (SEX=1 and _DRNKDAY <= 200 or ALCDAYS=888).
2	At Risk:	Male respondents who report they had more than 2 drinks per day, (SEX=1 and _DRNKDAY > 200).
9	DK/REF/MISS:	Male respondents who report they "don't know" the number or drinks they had in the last 30 days or those who "refused" to answer the questions or the responses are missing (SEX=1 and _DRNKDAY=".").
BLANK		(SEX=2).

_RFDRKWM (Heavy Drinking Among Females)
This variable is derived from _DRNKDAY and SEX and ALCDAYS. Heavy drinking among women is defined as having an average of more than 1 drink per day. (_DRNKDAY has two implied decimal places therefore, one drink per day are equal to _DRNKDAY=100.)

1	Not at Risk:	Female respondents who report they had less than or equal to 1 drink per day, (SEX=2 and _DRNKDAY<=100 or ALCDAYS=888).
2	At Risk:	Female respondents who report they had more than 1 drink per day, (SEX=2 and _DRNKDAY>100).
9	DK/REF/MISS:	Female respondents who report they "don't know" the number or drinks they had in the last 30 days or those who "refused" to answer the questions or the responses are missing (SEX=2 and _DRNKDAY =".").
BLANK		(SEX=1).

Physical Inactivity/Activity:
_MODPAMN
This variable is derived from MODPATIM. The "hours" portion of MODPATIM is multiplied by 60 and added to the "minutes" portion of MODPATIM.

_VIGPAMN
This variable is derived from VIGPATIM. The "hours" portion of VIGPATIM is multiplied by 60 and added to the "minutes" portion of VIGPATIM.

_RFPAMOD   (Moderate Physical Activity)
This variable is derived from MODPACT, MODPADAY, _MODPAMN, VIGPACT, VIGPADAY and _VIGPAMN.

1	Not at Risk:	Respondents who report doing moderate physical activity for 30 or more minutes per day, five or more days per week or respondents who report doing vigorous physical activity for 20 or more minutes per day, three or more days per week ((MODPACT=1 and MODPADAY=5,6,7 and 30<=_MODPAMN<=599) or (VIGPACT=1 and VIGPADAY=3,4,5,6,7 and 20<=_VIGPAMN<=599)).
2	At Risk:	Respondents who report no moderate physical activity or less than 30 minutes per day, or less than five days per week and no vigorous physical activity or less than 20 minutes per day, or less than three days per week ((MODPACT=2 or (MODPACT=1 and MODPADAY<5 or _MODPAMN<30)) and (VIGPACT=2 or (VIGPACT=1 and VIGPADAY<3 or _VIGPAMN<20))).
9	DK/REF/MISS:	Respondents who report they "don't know" if they have participated in any moderate or vigorous physical activity or those who "refused" to answer the moderate or vigorous physical activity questions or were missing the minutes per day or days per week of moderate or vigorous physical activity (MODPACT=7,9,"." or MODPADAY=77,99,"." or _MODPAMN>=777,999,"." or VIGPACT=7,9,"." or VIGPADAY=77,99,"." or _VIGPAMN>=777,999,"..").

_RFPAVIG   (Vigorous Physical Activity)
This variable is derived from VIGPACT, VIGPADAY and _VIGPAMN

1	Not at Risk:	Respondents who report doing vigorous physical activity for 20 or more minutes per day, three or more days per week (VIGPACT=1 and VIGPADAY=3,4,5,6,7 and 20<=_VIGPAMN<=599).
2	At Risk:	Respondents who report no vigorous physical activity or less than 20 minutes per day, or less than three days per week (VIGPACT=2 or (VIGPACT=1 and VIGPADAY<3 or _VIGPAMN<20)).
9	DK/REF/MISS:	Respondents who report they "don't know" if they have participated in any vigorous physical activity or those who "refused" to answer the vigorous physical activity questions or were missing the minutes per day or days per week of vigorous physical activity (VIGPACT=7,9,"." or VIGPADAY=77,99,"." or

_VIGPAMN>=777,999,".").

_TOTINDA (No Leisure Time Physical Activity or Exercise during the past 30 days other than the respondent's regular job.)
This variable is derived from EXERANY2.

1	Not at Risk:	Respondents who report any level of physical activity or exercise (EXERANY2=1).
2	At Risk:	Respondents reporting no physical activity or exercise (EXERANY2=2).
9	DK/REF/MIS:	Respondents who report they "don't know" if they have participated in any physical activity or exercise during the past 30 days or those who "refused" to answer the physical activity/exercise question (EXERANY2=7,9,".").

_RFPAREC (Meet Physical Activity Recommendations)
This variable is derived from MODPACT, MODPADAY and _MODPAMN, VIGPACT, VIGPADAY and _VIGPAMN.

1	Meet Rec for PA:	Respondents who report moderate physical activity for 30 or more minutes per day, five or more days per week or vigorous physical activity for 20 or more minutes per day, three or more days per week ((MODPACT=1 and MODPADAY=5,6,7 and 30<=_MODPAMN<=599) or (VIGPACT=1 and VIGPADAY=3,4,5,6,7 and 20<=_VIGPAMN<=599)).
2	Do Some Physical Activity, But Do Not Meet Recommendations:	Respondents who report doing moderate physical activity for less than 30 minutes per day or less than five days per week or vigorous physical activity for less than 20 minutes per day or less than three days per week ((MODPACT=1 and MODPADAY<5 or _MODPAMN<30) and (VIGPACT=1 and VIGPADAY<3 or _VIGPAMN<20)).
3	Physically Inactive:	Respondents who report doing no moderate or vigorous physical activity or doing less than ten minutes per week of moderate or vigorous activity ((MODPACT=2 or MODPADAY=88) and (VIGPACT=2 or VIGPADAY=88)).
9	DK/REF/MIS:	Respondents who report they "don't know" if they have participated in any physical activity or those who "refused" to answer the physical activity questions or those missing the minutes per day or days per week of moderate or vigorous physical activity (MODPACT=7,9,"." or MODPADAY=77,99,"." or _MODPAMN>=777,999,"." or VIGPACT=7,9,"." or VIGPADAY=77,99,"." or _VIGPAMN>=777,999,".").

Fruits & Vegetables:

_FRTSERV

This variable is derived by calculating the total number of servings of fruit and vegetables per day using the variables FRUITJUI, FRUIT, GREENSAL, POTATOES, CARROTS, and VEGETABL. Respondents who refused or did not know the quantity consumed or response was missing are assigned the code "99999."

_FRTINDX   (Index of fruit and vegetable consumption)

This variable is derived from _FRTSERV.

1	Less than 1 per day or never:	Respondents reporting they never consume fruits or vegetables or consume less than 1 serving per day (_FRTSERV<1).
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 (1<=_FRTSERV<3).
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 (3<=_FRTSERV<5).
4	5 or more times per day:	Respondents reporting they consume 5 or more servings of fruits and vegetables per day (_FRTSERV>=5).
9	DK/REF:	Respondents who "don't know" or "refused" to answer all of the fruit and vegetable questions prohibiting calculation of the daily servings level (_FRTSERV=".").

Smokeless Tobacco:

_SMKLESS   (Smokeless Tobacco User Status- 3 levels)

This variable is derived from USEEVER2 and USENOW2.

1	Current User:	Respondents who have used smokeless tobacco products and currently use them (USEEVER2=1 and USENOW2=1,2).
2	Former User:	Respondents who have used smokeless tobacco products, but currently do not use them (USEEVER2=1 and USENOW2=3).
3	Never Used:	Respondents who have never used smokeless tobacco products (USEEVER2=2).
9	DK/REF/MISS:	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 (USEEVER2=7,9,"." or USENOW2=7,9,".").

_RFTOBAC   (Current Smokeless Tobacco Use)

This variable is derived from _SMKLESS.

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 (_SMKLESS=2,3).
2	At Risk:	Respondents who have used smokeless tobacco products and currently use them (_SMKLESS=1).
9	DK/REF/MISS:	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=9).

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