



2003

Behavioral Risk Factor Surveillance System

Summary Matrix of Calculated Variables

(Version 4 – Revised January 04, 2005)

SUMMARY MATRIX OF CALCULATED VARIABLES IN THE 2003 DATA FILE

Updated – 01-04-05

Description or Result of Calculation	Input Variables (From Questionnaire)	Intermediate Variables (May not be in Final Data Set)	Output Variables (In Final Data Set)
Section 1: Health Status			
RF for fair or poor general health	GENHLTH		_RFHLTH
Section 3: Exercise			
RF for no leisure time physical activity	EXERANY2		_TOTINDA
Section 5: Hypertension Awareness			
RF for High Blood Pressure	BPHIGH3		_RFHYPE4
Section 6: Cholesterol Awareness			
Three level categorization for cholesterol checked within past five years	BLOODCHO, CHOLCHK		_CHOLCHK
RF for ever having had cholesterol checked and told it was high	BLOODCHO, TOLDHI2		_RFCHOL
Section 7: Fruits and Vegetables			
Fruit juice servings per day	FRUITJUI		FTJUDAY_
Fruit servings per day	FRUIT		FRUTDAY_
Green salad servings per day	GREENSAL		GNSLDAY_
Potato servings per day	POTATOES		POTADAY_
Carrot servings per day	CARROTS		CRTSDAY_
Vegetable servings per day	VEGETABL		VEGEDAY_
Calculated servings of fruits & vegetables	FRUITJUI, FRUIT, GREENSAL, POTATOES, CARROTS, VEGETBLE	FTJUDAY_, FRUTDAY_, GNSLDAY_, POTADAY_, CRTSDAY_, VEGEDAY_	_FRTSERV
Summary index of daily servings fruits and vegetables	FRUITJUI, FRUIT, GREENSAL, POTATOES, CARROTS, VEGETABL	_FRTSERV	_FRTINDX
Consume five or more servings or fruits or vegetables per day	FRUITJUI, FRUIT, GREENSAL, POTATOES, CARROTS, VEGETABL	_FRTSERV	_FV5SRV
Section 9: Asthma			
RF for lifetime asthma prevalence	ASTHMA2		_LTASTHM
RF for current asthma prevalence	ASTHMA2, ASTHNOW		_CASTHMA

SUMMARY MATRIX OF CALCULATED VARIABLES IN THE 2003 DATA FILE

Updated – 01-04-05

Description or Result of Calculation	Input Variables (From Questionnaire)	Intermediate Variables (May not be in Final Data Set)	Output Variables (In Final Data Set)
Computed asthma status	ASTHMA2, ASTHNOW		_ASTHMST
Section 10: Immunization			
RF for respondents aged 65 and older that have had a flu shot within the past year	FLUSHOT		_FLUSHOT
RF for respondent aged 65 and older that have ever had a pneumonia vaccine	PNEUVAC2		_PNEUMOC
Section 11: Tobacco Use			
Smoking Status: Everyday smoker, someday smoker, former smoker and non smoker	SMOKE100, SMOKEDAY		_SMOKER2
RF for current smoking status	SMOKE100, SMOKEDAY	_SMOKER2	_RFSMOK2
Section 12: Alcohol Consumption			
Drink occasions per day	ALCDAY3		DROCCDY_
Drink alcoholic beverages in past 30 days (Y/N)	ALCDAY3		DRNKANY3
RF for BINGE drinking (GE 5 drinks on an occasion)	ALCDAY3, DRNK2GE5		_RFBING2
Number of Drinks of Alcohol per day	ALCDAY3, AVEDRNK	DROCCDY_	_DRNKDY2
Number of Drinks of Alcohol per month	ALCDAY3, AVEDRNK	DROCCDY_, _DRNKDY2	_DRNKMO2
RF for HEAVY drinking (GT 2 drinks per day for men, GT 1 drink per day for women)	SEX, ALCDAY3, AVEDRNK	_DRNKDY2	_RFDRHV2
RF for HEAVY drinking in men (GT 2 drinks per day)	SEX, ALCDAY3, AVEDRNK	_DRNKDY2	_RFDRMN2
RF for HEAVY drinking in women (GT 1 drink per day)	SEX, ALCDAY3, AVEDRNK	_DRNKDY2	_RFDRWM2
Section 14: Demographics – Race variables			
Reported MRACE with trailing 7,8,9's removed	MRACE		MRACEORG
Reported MRACE with trailing 7,8,9's removed in ascending order	MRACE	MRACEORG	MRACEASC
Preferred Race	MRACE, ORACE2	MRACEORG, MRACEASC	_PRACE
Multiracial Race categorization	MRACE	MRACEORG, MRACEASC	_MRACE

SUMMARY MATRIX OF CALCULATED VARIABLES IN THE 2003 DATA FILE

Updated – 01-04-05

Description or Result of Calculation	Input Variables (From Questionnaire)	Intermediate Variables (May not be in Final Data Set)	Output Variables (In Final Data Set)
Race/Hispanic ethnicity combination code	MRACE, HISPANC2	MRACEORG, MRACEASC, _MRACE	RACE2
White, non-Hispanic and non-White or Hispanic race/ethnicity groupings.	MRACE, HISPANC2	MRACEORG, MRACEASC, _MRACE, RACE2	_RACEG2
Hispanic and non-Hispanic White, Black, and Other race/ethnicity groupings.	MRACE, HISPANC2	MRACEORG, MRACEASC, _MRACE, RACE2	_RACEGR2
Number of Census Race Categories Chosen	MRACE	MRACEORG, MRACEASC	_CNRACE
Number of Census Race Categories Chosen, Collapsed	MRACE	MRACEORG, MRACEASC, _CNRACE	_CNRACEC
Section 14: Demographics – Age variables			
18-24 and then 5-year age groupings to 80+.	AGE		_AGEG5YR
18-64 and 65+ age groupings.	AGE		_AGE65YR
Section 14: Demographics – BMI Variables			
Height in inches	HEIGHT		HTIN2
Height in meters	HEIGHT	HTIN2	HTM2
Weight in Kilograms	WEIGHT		WTKG
Calculated Body Mass Index	SEX, WEIGHT, HEIGHT	HTIN2, HTM2, WTKG	_BMI3
Tri-level weight variable (normal, overweight, obese) based on Body Mass Index	SEX, WEIGHT, HEIGHT	HTIN2, HTM2, WTKG, _BMI3	_BMI3CAT
RF for Overweight or Obese Body Mass Index level	SEX, WEIGHT, HEIGHT	HTIN2, HTM2, WTKG, _BMI3	_RFBMI3
Section 14: Demographics			
Calculated number of children in household	CHILDREN		_CHLDCNT
Calculated education level completed	EDUCA		_EDUCAG
Calculate income categories	INCOME2		_INCOMG
Section 18: Physical Activity			
Minutes of Moderate Physical Activity	MODPATIM		_MODPAMN
Minutes of Vigorous Physical Activity	VIGPATIM		_VIGPAMN
Meet Moderate Recommendations	MODPACT, MODPATIM, MODPADAY	_MODPAMN	MODCAT_

SUMMARY MATRIX OF CALCULATED VARIABLES IN THE 2003 DATA FILE

Updated – 01-04-05

Description or Result of Calculation	Input Variables (From Questionnaire)	Intermediate Variables (May not be in Final Data Set)	Output Variables (In Final Data Set)
Meet Vigorous Recommendations	VIGPACT, VIGPATIM, VIGPADAY	_VIGPAMN	VIGCAT_
Meet Vigorous Recommendations	VIGPACT, VIGPATIM, VIGPADAY	MODCAT_, VIGCAT_	PACAT_
RF for Moderate Physical Activity	MODPACT, MODPATIM, MODPADAY, VIGPACT, VIGPATIM, VIGPADAY	PACAT_	_RFPAMOD
RF for Vigorous Physical Activity	VIGPACT, VIGPATIM, VIGPADAY	PACAT_	_RFPAVIG
RF for Recommended Physical Activity	MODPACT, MODPATIM, MODPADAY, VIGPACT, VIGPATIM, VIGPADAY	PACAT_	_RFPAREC
RF for no leisure time physical activity	EXERANY2		_TOTINDA
RF for no leisure time exercise or physical activity	EXERANY2, MODPACT, MODPATIM, MODPADAY, VIGPACT, VIGPATIM, VIGPADAY	_RFPAREC	_RFNOPA
Section 20: HIV/AIDS			
RF for age 18-64 that have ever been tested for HIV	HIVTST3, AGE		_AIDSTST
RF for age 18-64 that have ever participated in high-risk behavior	HIVRISK2, AGE		_HIGHRSK
RF for age 18-64 that have ever been counseled within the past 12 months for prevention of STD through condom use	PCSAIDS, AGE		_STDCNDM