

Summary Matrix of Calculated Variables (CV) in the 2011 Data File

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Description or Result of Calculation	Input Variables (From Questionnaire)	Description of Field and SAS Variable Name	Output Variables (In Final Data Set)
Section 1: Health Status			
CV for fair or poor general health	GENHLTH		_RFHLTH
Section 4: Hypertension Awareness			
CV for High Blood Pressure	BPHIGH4		_RFHYPE5
Section 5: Cholesterol Awareness			
Three level categorization for cholesterol checked within past five years	BLOODCHO, CHOLCHK		_CHOLCHK
CV for ever having had cholesterol checked and told it was high	BLOODCHO, TOLDHI2		_RFCHOL
Section 6: Chronic Health Conditions			
CV for lifetime asthma prevalence	ASTHMA3		_LTASTH1
CV for current asthma prevalence	ASTHMA3, ASTHNOW		_CASTHM1
Computed asthma status	ASTHMA3, ASTHNOW		_ASTHMS1
Section 7: Tobacco Use			
Smoking Status: Everyday smoker, someday smoker, former smoker and non smoker	SMOKE100, SMOKDAY2		_SMOKER3
CV for current smoking status	SMOKE100, SMOKDAY2	_SMOKER3	_RFSMOK3
Section 8: Demographics			
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
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
Hispanic and non-Hispanic White, Black, and Other race/ethnicity groupings.	MRACE, HISPANC2	MRACEORG, MRACEASC, _MRACE, RACE2, _RACEGR2	_RACE_G
Number of Census Race Categories Chosen	MRACE	MRACEORG, MRACEASC	_CNRACE
Number of Census Race Categories Chosen, Collapsed	MRACE	MRACEORG, MRACEASC, _CNRACE	_CNRACEC
18-24 and then 5-year age groupings to 80+.	AGE		_AGEG5YR
18-64 and 65+ age groupings.	AGE		_AGE65YR
18-64 and 65+ 10 year age groupings.	AGE	_IMPAGE	_AGE_G
Calculated Body Mass Index	SEX, WEIGHT2, HEIGHT3	HTIN4, HTM4, WTKG3	_BMI5
Four level weight variable (normal, overweight, obese) based on Body Mass Index	SEX, WEIGHT2, HEIGHT3	HTIN4, HTM4, WTKG3, _BMI5	_BMI5CAT
Calculated number of children in household	CHILDREN		_CHLDCNT
Calculated education level completed	EDUCA		_EDUCAG
Calculated income categories	INCOME2		_INCOMG
Section 9: Fruits & Vegetables			
Fruit juice servings per day	FRUITJU1		FTJUDA1_
Fruit servings per day	FRUIT1		FRUTDA1_
Bean servgins per day	FVBEANS		BEANDAY_
Dark green vegetable servings per day	FVGREEN		GRENDAY_
Orange-colored vegetable servings per day	FVORANG		ORNGDAY_
Vegetable servings per day	VEGETAB1		VEGEDA1_
The number of missing fruit responses	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_	_MISFRTN
The number of missing vegetable responses	VEGETAB1, FVGREEN, FVORANG, FVBEANS	GRENDAY_, ORNGDAY_, BEANDAY_, VEGEDA1_	_MISVEGN
Missing any fruit responses	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_, _MISFRTN	_FRTRESP
Missing any vegetable responses	VEGETAB1, FVGREEN, FVORANG, FVBEANS	GRENDAY_, ORNGDAY_, BEANDAY_, VEGEDA1_, _MISVEGN	_VEGRES
Total fruits consumed per day	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_	_FRUTSUM
Total vegetables consumed per day	VEGETAB1, FVGREEN, FVORANG, FVBEANS	GRENDAY_, ORNGDAY_, BEANDAY_, VEGEDA1_	_VEGESUM
Reported consuming Fruit >16/day	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_, _FRUTSUM	_FRT16
Reported consuming Vegetables >23/day	VEGETAB1, FVGREEN, FVORANG, FVBEANS	_VEGESUM	_VEG23
Fruit Exclusion from analyses	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_, _MISFRTN, _FRTRESP	_FRUITEX
Vegetable Exclusion from analyses	VEGETAB1, FVGREEN, FVORANG, FVBEANS	GRENDAY_, ORNGDAY_, BEANDAY_, VEGEDA1_, _MISVEGN, _VEGESUM, _VEGRES, _VEG23	_VEGETEX
Section 10: Exercise (Physical Activity)			
CV for no leisure time physical activity	EXERANY2		_TOTINDA
Activity MET Value for First Activity	EXTRACT01		METVAL1_
Activity MET Value for Second Activity	EXTRACT02		METVAL2_
Estimated Age-Gender Specific Maximum Oxygen Consumption	SEX, AGE		MAXVO2_
Estimated Activity Intensity for First Activity	EXTRACT01, SEX, AGE	METVAL1_, FC60_	ACTINT1_
Estimated Activity Intensity for Second Activity	EXTRACT02, SEX, AGE	METVAL2_, FC60_	ACTINT2_
Minutes of First Activity	EXERHMM1		PADUR1_
Minutes of Second Activity	EXERHMM2		PADUR2_
Physical Activity Frequency per Week for First Activity	EXERANY2, EXEROFT1		PAFREQ1_
Physical Activity Frequency per Week for Second Activity	EXERANY2, EXEROFT2		PAFREQ2_
Minutes of Physical Activity per week for First Activity	EXTRACT01, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	PADUR1_, PAFREQ1_, ACTINT1_	_MINACT1
Minutes of Physical Activity per week for Second Activity	EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PADUR2_, PAFREQ2_, ACTINT2_	_MINACT2
Strength Activity Frequency per Week	STRENGTH		STRFREQ_
Missing Physical Activity Data	EXERANY2, EXTRACT01, SEX, AGE, EXTRACT02, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	ACTINT1_, _MINACT1, ACTINT2_, _MINACT2	PAMISS_
Minutes of Physical Activity per week for First Activity	EXTRACT01, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	ACTINT1_, _MINACT1	PAMIN1_
Minutes of Physical Activity per week for Second Activity	EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	ACTINT2_, _MINACT2	PAMIN2_
Minutes of total Physical Activity per week	EXTRACT01, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1, EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PAMIN1_, PAMIN2_	PAMIN_
Minutes of Vigorous Physical Activity per week for First Activity	EXTRACT01, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	ACTINT1_, _MINACT1	PAVIGM1_
Minutes of Vigorous Physical Activity per week for Second Activity	EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	ACTINT2_, _MINACT2	PAVIGM2_
Minutes of total Vigorous Physical Activity per week	EXTRACT01, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1, EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PAVIGM1_, PAVIGM2_	PAVIGMN_
Physical Activity Categories	EXERANY2, EXTRACT01, SEX, AGE, EXERHMM1, EXEROFT1, EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PAMIN_, PAVIGMN_	_PACAT
Physical Activity Index	EXERANY2, EXTRACT01, SEX, AGE, EXERHMM1, EXEROFT1, EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PAMIN_	_PAINDEX
150 Minute Physical Activity Calculated Variable	EXERANY2, EXTRACT01, SEX, AGE, EXERHMM1, EXEROFT1, EXTRACT02, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PAMIN_, PAVIGMN_	_PA150R1
300 Minute Physical Activity Calculated Variable	EXERANY2, EXTRACT01, SEX, AGE, EXTRACT02, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	PAMISS_, PAMIN_	_PA300R1
300 Minute Physical Activity 2-Level Calculated Variable	EXERANY2, EXTRACT01, SEX, AGE, EXTRACT02, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	_PA300R1	_PA3002L
Muscle Strengthening Recommendation	STRENGTH	STRFREQ_	_PASTRNG
Aerobic and Strengthening Guideline	STRENGTH	_PASTRNG, _PAINDEX	_PAREC
Aerobic and Strengthening (2-level)	STRENGTH	_PAREC	_PASTAER
Section 13: Seatbelt Use			
CV for Always/Nearly Always wear seatbelt	SEATBELT		_RFSEAT2
CV for Alwayswear seatbelt	SEATBELT		_RFSEAT3
Section 14: Immunization			
CV for respondents aged 65 and older that have had a flu shot within the past year	FLUSHOT5		_FLSHOT5
CV for respondent aged 65 and older that have ever had a pneumonia vaccine	PNEUVAC3		_PNEUMO2
Section 15: Alcohol Consumption			
Drink alcoholic beverages in past 30 days (Y/N)	ALCDAY5		DRNKANY5
Drink occasions per day	ALCDAY5		DROCDY3_
CV for BINGE drinking (males GE 5 drinks on an occasion, females GE 4 drinks on an occasion)	ALCDAY5, DRNK3GE5		_RFBING5
Number of Drinks of Alcohol per day	ALCDAY5, AVEDRNK	DROCDY3_	_DRNKDY4
Number of Drinks of Alcohol per month	ALCDAY5, AVEDRNK	DROCDY3_, _DRNKDY4	_DRNKMO4
CV for HEAVY drinking (GT 2 drinks per day for men, GT 1 drink per day for women)	SEX, ALCDAY5, AVEDRNK	_DRNKDY4	_RFDHRV4
CV for HEAVY drinking in men (GT 2 drinks per day)	SEX, ALCDAY5, AVEDRNK	_DRNKDY4	_RFDRMN4
CV for HEAVY drinking in women (GT 1 drink per day)	SEX, ALCDAY5, AVEDRNK	_DRNKDY4	_RFDRWM4