

Summary Matrix of Calculated Variables (CV) in the 2015 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 3: Health Care Access			
CV for respondents aged 18-64 years that have any form of health care coverage	HLTHPLN1		_HCVU651
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 respondents that have ever reported having coronary heart disease or myocardial infarction	CVDINFR4, CVDCRHD4		_MICHD
CV for lifetime asthma prevalence	ASTHMA3		_LTASTH1
CV for current asthma prevalence	ASTHMA3, ASTHNOW		_CASTHM1
Computed asthma status	ASTHMA3, ASTHNOW		_ASTHMS1
CV for respondents that have had a doctor diagnose them as having some form of arthritis	HAVARTH3		_DRDXAR1
Section 7: Demographics			
Preferred Race	MRACE1, ORACE3	MRACASC1	_PRACE1
Multiracial Race categorization	MRACE1	MRACORG1, MRACASC1	_MRACE1
Derived Hispanic status	HISPANC3		_HISPANC
Race/Hispanic ethnicity combination code	MRACE1, HISPANC3	MRACORG1, MRACASC1, _MRACE1, _HISPANC	_RACE
White, non-Hispanic and non-White or Hispanic race/ethnicity groupings.	HISPANC3, MRACE1	_RACE	_RACEG21
Hispanic and non-Hispanic White, Black, and Other race/ethnicity groupings.	HISPANC3, MRACE1	_RACE	_RACEGR3
Hispanic and non-Hispanic White, Black, and Other race/ethnicity groupings.	MRACE1, HISPANC3	_RACEGR3	_RACE_G1
18-24 and then 5-year age groupings to 80+.	AGE		_AGEG5YR
18-64 and 65+ age groupings.	AGE		_AGE65YR
18-80 age groupings (80=80+)	AGE	_IMPAGE	_AGE80
18-64 and 65+ 10 year age groupings.	AGE	_IMPAGE	_AGE_G
Height in inches	HEIGHT3		HTIN4
Calculated height in meters	HEIGHT3	HTIN4	HTM4
Calculated weight in kilograms	WEIGHT2		WTKG3
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
CV for Overweight or Obese Body Mass Index level	SEX, WEIGHT2, HEIGHT3	HTIN4, HTM4, WTKG3, _BMI5	_RFBMI5
Calculated number of children in household	CHILDREN		_CHLDCNT
Calculated education level completed	EDUCA		_EDUCAG
Calculated income categories	INCOME2		_INCOMG
Section 8: 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 9: 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 week	ALCDAY5, AVEDRNK	DROCDY3_	_DRNKWEK
CV for HEAVY drinking (GT 2 drinks per day for men, GT 1 drink per day for women)	SEX, ALCDAY5, AVEDRNK	_DRNKWEK	_RFRDRHV5
Section 10: Fruits & Vegetables			
Fruit juice times consumed per day	FRUITJU1		FTJUDA1_
Fruit times consumed per day	FRUIT1		FRUTDA1_
Bean times consumed per day	FVBEANS		BEANDAY_
Dark green vegetable times consumed per day	FVGREEN		GRENDAY_
Orange-colored vegetable times consumed per day	FVORANG		ORNGDAY_
Vegetable times consumed 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
Consumed fruits 1 or more times per day	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_, _FRUTSUM	_FRTL1
Consumed vegetables 1 or more times per day	VEGETAB1, FVGREEN, FVORANG, FVBEANS	GRENDAY_, ORNGDAY_, BEANDAY_, VEGEDA1_, _VEGESUM	_VEGL1
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
Consumed fruits 1 or more times per day	FRUITJU1, FRUIT1	FTJUDA1_, FRUTDA1_, _FRUTSUM	_FRTL1
Consumed vegetables 1 or more times per day	VEGETAB1, FVGREEN, FVORANG, FVBEANS	GRENDAY_, ORNGDAY_, BEANDAY_, VEGEDA1_, _VEGESUM	_VEGL1
Section 11: Exercise (Physical Activity)			
CV for no leisure time physical activity	EXERANY2		_TOTINDA
Activity MET Value for First Activity	EXRACT11		METVL11_
Activity MET Value for Second Activity	EXRACT21		METVL21_
Estimated Age-Gender Specific Maximum Oxygen Consumption	SEX, AGE		MAXVO2_
Estimated Functional Capacity	SEX, AGE	MAXVO2_	FC60_
Estimated Activity Intensity for First Activity	EXRACT11, SEX, AGE	METVL11_, FC60_	ACTIN11_
Estimated Activity Intensity for Second Activity	EXRACT21, SEX, AGE	METVL21_, FC60_	ACTIN21_
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	EXRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	PADUR1_, PAFREQ1_, ACTIN11_	_MINAC11
Minutes of Physical Activity per week for Second Activity	EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PADUR2_, PAFREQ2_, ACTIN21_	_MINAC21
Strength Activity Frequency per Week	STRENGTH		STRFREQ_
Missing Physical Activity Data	EXERANY2, EXRACT11, SEX, AGE, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	ACTIN11_, _MINAC11, ACTIN21_, _MINAC21	PAMISS1_
Minutes of Physical Activity per week for First Activity	EXRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	ACTIN11_, _MINAC11	PAMIN11_
Minutes of Physical Activity per week for Second Activity	EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	ACTIN21_, _MINAC21	PAMIN21_
Minutes of total physical activity per week	EXRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1, EXRACT21, EXERHMM2, EXEROFT2	PAMIN11_, PAMIN21_	PA1MIN_
Minutes of Vigorous Physical Activity per week for First Activity	EXRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	ACTIN11_, _MINAC11	PAVIG11_
Minutes of Vigorous Physical Activity per week for Second Activity	EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	ACTIN21_, _MINAC21	PAVIG21_
Minutes of total Vigorous Physical Activity per week	EXRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1, EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PAVIG11_, PAVIG21_	PA1VIGM_
Physical Activity Categories	EXERANY2, EXRACT11, SEX, AGE, EXERHMM1, EXEROFT1, EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_, PA1VIGM_, PAMISS1_	_PACAT1
Physical Activity Index	EXERANY2, EXRACT11, SEX, AGE, EXERHMM1, EXEROFT1, EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_	_PAINDX1
150 Minute Physical Activity Calculated Variable	EXERANY2, EXRACT11, SEX, AGE, EXERHMM1, EXEROFT1, EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_, PA1VIGM_	_PA150R2
300 Minute Physical Activity Calculated Variable	EXERANY2, EXRACT11, SEX, AGE, EXRACT21, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	PA1MISS_, PA1MIN_	_PA300R2
300 Minute Physical Activity 2-Level Calculated Variable	EXERANY2, EXRACT11, SEX, AGE, EXRACT21, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	_PA300R2	_PA30021
Muscle Strengthening Recommendation	STRENGTH	STRFREQ_	_PASTRNG
Aerobic and Strengthening Guideline	EXERANY2, EXRACT11, SEX, AGE, EXERHMM1, EXEROFT1, EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2,STRENGTH	_PASTRNG, _PAINDX1	_PAREC1
Aerobic and Strengthening (2-level)	EXERANY2, EXRACT11, SEX, AGE, EXERHMM1, EXEROFT1, EXRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2,STRENGTH	_PAREC1	_PASTAE1
Section 12: Arthritis Burden			
CV for limited usual activities	HAVARTH3, LMTJOIN3		_LMTACT1
CV for limited work activities	HAVARTH3, ARTHDIS2		_LMTWRK1
CV for limited social activities	HAVARTH3, ARTHSOCL		_LMTSCL1
Section 13: Seatbelt Use			
CV for Always/Nearly Always wear seatbelt	SEATBELT		_RFSEAT2
CV for Always wear seatbelt	SEATBELT		_RFSEAT3
Section 14: Immunization			
CV for respondents aged 65 and older that have had a flu shot within the past year	FLUSHOT6		_FLSHOT6
CV for respondent aged 65 and older that have ever had a pneumonia vaccine	PNEUVAC3		_PNEUMO2
Section 15: HIV/AIDS			
CV for adults that have ever been tested for HIV	HIVTST6		_AIDTST3