

Summary Matrix of Calculated Variables (CV) in the 2017 Data File

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2017, Summary Martix

Behavioral Risk Factor Surveillance System			
2017, Summary Martix			
Description or Result of Calculation	Input Variables (From Questionnaire)	Intermediate and Output Variables used in calculations	Output Variables (In Final Data Set)
Section 1: Health Status			
CV for fair or poor general health	GENHLTH		_RFLH1H
Section 2: Healthy Days — Health Related Quality of Life			
CV for days of not good physical health	PHYSHLTH		_PHYS14D
CV for days of not good mental health	MENTHLTH		_MENT14D
Section 3: Health Care Access			
CV for respondents aged 18-64 years that have any form of health care coverage	HLTHPLN1, AGE		_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	CHOLCHK1		_CHOLCH1
CV for ever having had cholesterol checked and told it was high	CHOLCHK1, TOLDHI2		_RFCHOL1
Section 6: Chronic Health Conditions			
CV for respondents that reported having coronary heart disease or mycardial infarction	CVDINFR4, CVDCRHD4		_MICH1D
CV for lifetime asthma prevalence	ASTHMA3		_LTASTH1
CV for current asthma prevalence	ASTHMA3, ASTHNOV		_CASTHM1
Computed asthma status	ASTHMA3, ASTHNOV		_ASTHMS1
CV for respondents that have had a doctor diagnose them as having some form of arthritis	HAVARTH3		_DRDXAR1
Section 7: 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 8: Demographics			
Reported MRACE with trailing 7,8,9's removed	MRACE1		MRACORG1
Reported MRACE with trailing 7,8,9's removed in ascending order	MRACE1	MRACORG1	MRACASC1
Preferred Race	MRACE1, ORACE3	MRACORG1, MRACASC1	_PRACE1
Multiracial Race categorization	MRACE1	MRACORG1, MRACASC1	_MRACE1
Multiracial Race categorization	MRACE1	MRACORG1, MRACASC1	_M_RACE
CV for Hispanic, Latino or Spanish categorization	HISPANC3		_HISPANC
CV for race/ethnicity	MRACE1, HISPANC3	_HISPANC, _MRACE1, MRACORG1, MRACASC1	_RACE
White, non-Hispanic and non-White or Hispanic race/ethnicity groupings.	MRACE1, HISPANC3	_HISPANC, _MRACE1, MRACORG1, MRACASC1, _RACE	_RACEG21
Hispanic and non-Hispanic White, Black, and Other race/ethnicity groupings.	MRACE1, HISPANC3	_HISPANC, _MRACE1, MRACORG1, MRACASC1, _RACE	_RACEGR3
Hispanic and non-Hispanic White, Black, and Other race/ethnicity groupings.	MRACE1, HISPANC3	_HISPANC, _MRACE1, MRACORG1, MRACASC1, _RACE, _RACEGR3	_RACE_G1
18-24 and then 5-year age groupings to 80+.	AGE		_AGEG5YR
18-64 and 65+ age groupings.	AGE		_AGE65YR
CV for imputed age collapsed above 80	AGE	_IMPAGE	_AGE80
18-64 and 65+ 10 year age groupings.	AGE	_IMPAGE	_AGE_G
CV for height in inches	HEIGHT3		HTIN4
CV for height in meters	HEIGHT3	HTIN4	HTM4
CV for weight in kilograms	WEIGHT2		WTKG3
Calculated Body Mass Index	PREGNANT, WEIGHT2, HEIGHT3	HTIN4, HTM4, WTKG3	_BMI5
Tri-level weight variable (normal, overweight, obese) based on Body Mass Index	PREGNANT, WEIGHT2, HEIGHT3	HTIN4, HTM4, WTKG3, _BMI5	_BMI5CAT
CV for Overweight or Obese Body Mass Index level	PREGNANT, 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 9: 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 10: E-Cigarettes			
CV for e-cigarette smoker status	ECIGARET, ECIGNOW		_ECIGSTS
CV for current e-cigarette smoker status	ECIGARET, ECIGNOW	_ECIGSTS	_CURECIG
Section 11: Alcohol Consumption			
CV for alcohol consupcion	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
CV for 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	_DRNKWEK	_RFRDRHV5
Section 12: Fruits & Vegetables			
CV for fruit juice intake in times per day	FRUITJU2		FTJUDA2_
CV for fruit intake in times per day	FRUIT2		FRUTDA2_
CV for dark green vegetable intake in times per day	FVGREEN1		GREENDA1_
CV for french fry intake in times per day	FRENCHF1		FRNCHDA_
CV for potato intake in times per day	POTATOE1		POTADA1_
CV for vegetable intake in times per day	VEGETAB2		VEGEDA2_
CV for the number of missing fruit responses	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_	_MISFRT1
CV for the number of missing vegetable responses	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREENDA1_, VEGEDA2_, POTATDA1_, FRENCHDA_	_MISVEG1
CV for missing any fruit responses	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_, _MISFRT1	_FRTRES1
CV for missing any vegetable responses	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREENDA1_, VEGEDA2_, POTATDA1_, FRENCHDA_, _MISVEG1	_VEGRES1
CV for total fruits consumed per day	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_	_FRUTSU1
CV for total vegetables consumed per day	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREENDA1_, VEGEDA2_, POTATDA1_, FRENCHDA_	_VEGESU1
CV for consuming fruit 1 or more times per day	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_, _FRUTSU1	_FRTL11A
CV for consuming vegetables 1 or more times per day	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREENDA1_, VEGEDA2_, POTATDA1_, FRENCHDA_, _VEGESU1	_VEGLT1A
CV for reported consuming fruit >16 per day	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_, _FRUTSU1	_FRT16A
CV for reported consuming vegetables >23 per day	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREENDA1_, VEGEDA2_, POTATDA1_, FRENCHDA_, _VEGESU1	_VEG23A
CV for fruit exclusion from analyses	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_, _MISFRT1, _FRUTSU1, _FRTRES1, _FRT16A	_FRUTE1
CV for vegetable exclusion from analyses	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREENDA1_, VEGEDA2_, POTATDA1_, FRENCHDA_, _VEGESU1, _MISVEG1, _VEGRES1, _VEG23A	_VEGETE1
Section 13: Exercise (Physical Activity)			
CV for no leisure time physical activity	EXERANY2		_TOTINDA
Activity MET Value for First Activity	EXTRACT11		METVL11_
Activity MET Value for Second Activity	EXTRACT21		METVL21_
Estimated Age-Gender Specific Maximum Oxygen Consumption	SEX, AGE		MAXVO2_
CV for estimated functional capacity	AGE	MAXVO2_	FC60_
CV for activity intensity for first activity	EXTRACT11	METVL11_, FC60_	ACTIN11_
CV for activity intensity for second activity	EXTRACT21	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	EXTRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	PADUR1_, PAFREQ1_, ACTIN11_	_MINAC11
Minutes of Physical Activity per week for Second Activity	EXTRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	PADUR2_, PAFREQ2_, ACTIN21_	_MINAC21
Strength Activity Frequency per Week	STRENGTH		STRFREQ_
Missing Physical Activity Data	EXERANY2, EXTRACT11, SEX, AGE, EXTRACT21, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	ACTIN11_, _MINAC11, ACTIN21_, _MINAC21	PAMISS1_
Minutes of Physical Activity per week for First Activity	EXTRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	ACTIN11_, _MINAC11	PAMIN11_
Minutes of Physical Activity per week for Second Activity	EXTRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	ACTIN21_, _MINAC21	PAMIN21_
CV for inutes of total Physical Activity per week	EXERANY2, EXTRACT11, SEX, AGE, EXTRACT21, EXERHMM1, EXEROFT1, EXERHMM2, EXEROFT2	ACTIN11_, _MINAC11, ACTIN21_, _MINAC21, PAMIN11_, PAMIN21_	PA1MIN_
Minutes of Vigorous Physical Activity per week for First Activity	EXTRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1	ACTIN11_, _MINAC11	PAVIG11_
Minutes of Vigorous Physical Activity per week for Second Activity	EXTRACT21, SEX, AGE, EXERHMM2, EXERANY2, EXEROFT2	ACTIN21_, _MINAC21	PAVIG21_
Minutes of total Vigorous Physical Activity per week	EXTRACT11, SEX, AGE, EXERHMM1, EXERANY2, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2	PAVIG11_, PAVIG21_	PA1VIGM_
Physical Activity Categories	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_, PA1VIGM_, PAMISS1_	_PACAT1
Physical Activity Index	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_, PAMISS1_	_PAINDX1
150 Minute Physical Activity Calculated Variable	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_, PA1VIGM_, PAMISS1_	_PA150R2
300 Minute Physical Activity Calculated Variable	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2	PA1MIN_, PAMISS1_	_PA300R2
300 Minute Physical Activity 2-Level Calculated Variable	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2	_PA300R2	_PA300021
Muscle Strengthening Recommendation	STRENGTH	STRFREQ_	_PASTRNG
Aerobic and Strengthening Guideline	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2, STRENGTH	_PASTRNG, _PAINDX1	_PAREC1
Aerobic and Strengthening (2-level)	SEX, AGE, EXERANY2, EXTRACT11, EXERHMM1, EXEROFT1, EXTRACT21, EXERHMM2, EXERANY2, EXEROFT2, STRENGTH	_PAREC1	_PASTAE1
Section 14: Seatbelt Use			
CV for Always/Nearly Always wear seatbelt	SEATBELT		_RFSEAT2
CV for Alwayswear seatbelt	SEATBELT		_RFSEAT3
Section 15: Immunization			
CV for respondents aged 65 and older that have had a flu shot within the past year	AGE, FLUSHOT6		_FLSHOT6
CV for respondent aged 65 and older that have ever had a pneumonia vaccine	PNEUVAC3		_PNEUMO2
Section 16: HIV/AIDS			
CV for having ever been tested for HIV	HIVTST6		_AIDTST3

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