



Summary Matrix of Calculated Variables (CV) in the 2021 Data File

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Behavioral Risk Factor Surveillance System
2021, 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		_RFHLTH
Section 2: Healthy Days			
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 that have any form of health insurance	PRIMINSR		_HLTHPLN
CV for respondents aged 18-64 years that have any form of health insurance	PRIMINSR, AGE		_HCVU652
Section 4: Exercise			
CV for no leisure time physical activity	EXERANY2		_TOTINDA
Section 7: Chronic Health Conditions			
CV for respondents that reported having coronary heart disease or mycardial infarction	CVDINFR4, CVDCRHD4		_MICHHD
CV for lifetime asthma prevalence	ASTHMA3		_LTASTH1
CV for current asthma prevalence	ASTHMA3, ASTHNOW		_CASTHM1
Computed asthma status	ASTHMA3, ASTHNOW		_ASTHMS1
Section 8: Arthritis			
CV for respondents that have had a doctor diagnose them as having some form of arthritis	HAVARTH5		_DRDXAR3
CV for limited usual activities	HAVARTH5, LMTJOIN3		_LMTACT3
CV for limited work activities	HAVARTH5, ARTHDIS2		_LMTWRK3
Section 9: Demographics			
Preferred Race	MRACE1, ORACE3	MRACORG1, MRACASC1	_PRACE1
Multiracial Race categorization	MRACE1	MRACORG1, MRACASC1	_MRACE1
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
Computed race groups used for internet prevalence tables	_RACE, _IMPRACE		_RACEPRV
Calculated sex variable	BIRTHSEX, SEXVAR		_SEX
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
Section 11: 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
CV for current e-cigarette smoker status	ECIGNOW1		_CURECI1
Section 12: Alcohol Consumption			
CV for alcohol comsuption	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, AVEDRNK3	DROCDY3_	_DRNKWK1
CV for HEAVY drinking (GT 2 drinks per day for men, GT 1 drink per day for women)	BIRTHSEX,SEXVAR, ALCDAY5	_DRNKWK1	_RFRDHV7
Section 13: Immunization			
CV for respondents aged 65 and older that have had a flu shot within the past year	AGE, FLUSHOT7		_FLSHOT7
CV for respondent aged 65 and older that have ever had a pneumonia vaccine	PNEUVAC4		_PNEUMO3
Section 14: HIV/AIDS			
CV for having ever been tested for HIV	HIVTST7		_AIDTST4
Section 15: 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		GREND1A_
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	GREND1A_, 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	GREND1A_, 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	GREND1A_, VEGEDA2_, POTATDA1_, FRENCHDA_	_VEGESU1
CV for consuming fruit 1 or more times per day	FRUITJU2, FRUIT2	FTJUDA2_, FRUTDA2_, _FRUTSU1	_FRTL1A
CV for consuming vegetables 1 or more times per day	VEGETAB2, FVGREEN1, POTATOE1, FRENCHF1	GREND1A_, 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	GREND1A_, 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	GREND1A_, VEGEDA2_, POTATDA1_, FRENCHDA_, _VEGESU1, _MISVEG1, _VEGRES1, _VEG23A	_VEGETE1

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