

Attachment M - RANDS during COVID-19 Variable Crosswalk, Uses, & Comments

Note: This sheet includes the variables, crosswalk, purposes, and covariate information for the RANDS variables. The second sheet presents NCHS' estimates of prevalence used in the power calculation. The third sheet presents the power calculation.

Variable	Question Wording
COVID_NOWK	Were you unable to work because you or a family member was sick with the Coronavirus?
COVID_CARE	At any time in the last 4 weeks, did you need medical care for something other than Coronavirus, but not get it because of the Coronavirus pandemic?
TELMED	In the last two months, has this provider offered you a telephone or video appointment?
TELEMEDUSE	In the last two months, have you had an appointment with a doctor, nurse, or other health professional by video or by phone?
TELMEDNEW	Did this provider offer telephone or video appointments before the Coronavirus pandemic?
COVIDSEEK	Did you seek medical care for Coronavirus or Covid-19?
DISR_MED	Since the Coronavirus pandemic began, have you been able, unable, or have not needed... To get medications?
DISR_DOC	Since the Coronavirus pandemic began, have you been able, unable, or have not needed... To get a doctor's appointment or some other kind of healthcare?
NOCARTYP	In the last two months, were you unable to get any of the following types of care for any reason?
COVIDNOCAR	[FILL: "Regarding your NOCARTYP"] Were you unable able to get this because of the Coronavirus pandemic?
COVID_INS	Did you lose health insurance coverage at any point in the last two months?
PREVFREQ	In the last month, have you done the following more, about the same, or less than before?
PHSTAT	Would you say your health in general is excellent, very good, good, fair, or poor?
ANXFREQ	How often do you feel worried, nervous or anxious? Would you say daily, weekly, monthly, a few times a year, or never?
ANXMED	Do you take prescription medication for these feelings?

ANXLEVEL Thinking about the last time you felt worried, nervous or anxious, how would you describe the level of these feelings? [IF MODE=PHONE, READ: Would you say a little, a lot, or somewhere in between?]

DEPFREQ How often do you feel depressed? Would you say daily, weekly, monthly, a few times a year, or never?

DEPMED Do you take prescription medication for depression?

DEPLEVEL Thinking about the last time you felt depressed, how depressed did you feel? [IF MODE=PHONE, READ: Would you say a little, a lot, or somewhere in between?]

SMKEV Have you smoked at least 100 cigarettes in your entire life?

SMNOW Do you now smoke cigarettes every day, some days or not at all?

ECIGNOW Do you now vape or use e-cigarettes every day, some days or not at all?

EMPLASTWK Last week, did you work for pay at a job or business?

HICOV Are you covered by any kind of health insurance or some other kind of health care plan?

USUALPL Is there a place that you usually go to if you are sick and need health care?

USPLKIND What kind of place [FILL: USUALPL==1 "is it?"; USUALP== 3, R, DK "do you go most often?"] [If Mode=Phone, READ: "A doctor's office or health center; an urgent care center, a clinic in a drug store or grocery store; a hospital emergency room; a VA Medical Center or VA outpatient clinic; or some other place?"]

HYPEV [If Mode=Phone, read: Have you ever been told by a doctor or other health professional that you had] Hypertension, also called high blood pressure?

CHLEV [If Mode=Phone, read: Have you ever been told by a doctor or other health professional that you had] High cholesterol?

CHDEV [If Mode=Phone, read: Have you ever been told by a doctor or other health professional that you had] Coronary heart disease?

ASEV [If Mode=Phone, read if necessary: Have you ever been told by a doctor or other health professional that you had] Asthma?

ASTILL Do you still have asthma?

COPDEV [If Mode=Phone, read if necessary: Have you ever been told by a doctor or other health professional that you had] Chronic Obstructive Pulmonary Disease, C.O.P.D., emphysema, or chronic bronchitis?

PREDIB	[If Mode=Phone, read if necessary: Have you ever been told by a doctor or other health professional that you had] Prediabetes or borderline diabetes?
DIBEV	[IF PREDIB=1 or GESDIB=1, fill: Not including prediabetes or gestational diabetes] [If Mode=Phone, read: Have you ever been told by a doctor or other health professional that you had] Diabetes?
CANEV	[If Mode=Phone, read: Have you ever been told by a doctor or other health professional that you had] Cancer or a malignancy of any kind?
SRHPSYCH	Would you say your mental health is excellent, very good, good, fair, or poor?
PROBE_SRH	When you said your health in general was [FILL: PHSTAT], which of the following, if any, were you thinking about?
AUTOIM	Do you currently have a health condition that a doctor or other health professional told you weakens the immune system, making it easier for you to get sick?
PROBE_AUTOEV	What is this condition?
NOCARDIR	[FILL: "Regarding your NOCARTYP"] Did your medical provider make this decision or did you ?
NOCARWHYMD	What reasons were you given for this decision?
NOCARWHYR	What reasons did you have for your decision?
COVIDEV	Has a doctor or other health professional ever told you that you have or likely have Coronavirus or COVID-19?
NHIS_TEST	Have you ever been tested for Coronavirus or COVID-19?
PROBE_TESTTYP	What kind of Coronavirus test did you receive? Please select all that apply
ALT_NHISTEST1	Have you ever had a test to determine if you were infected with Coronavirus or COVID-19 at the time of the test ?
ALT_NHISTEST2	Have you ever had an antibody test to determine if you had Coronavirus or COVID-19 in the past?
NHIS_RSLT	Did the test find that you had Coronavirus or COVID-19?
PROBE_RSLT	Were you not told the results, are you still waiting on the results, or do you not remember the results of the test?
WANTTEST	Did you ever ask a doctor or medical professional for a Coronavirus test?
SUSPECT	Do you suspect that you have ever had the Coronavirus or Covid-19?
PROBE_SUSPECT	Why do believe this?
COVIDCARNO	Why did you not seek this medical care?

QUARANTINE	Have you isolated or quarantined yourself because of the Coronavirus?
PROBE_QUAR1/2	When answering the previous question about isolating or quarantining because of the Coronavirus, which of the following if any were you thinking about?
FEEL_ANX	Since the Coronavirus pandemic began, have you felt more stressed or anxious, less stressed or anxious, or about the same?
FEEL_DEP	Since the Coronavirus pandemic began, have you felt more lonely or sad, less lonely or sad, or about the same?
FEEL_SOC	Since the Coronavirus pandemic began, have you felt more socially connected to family and friends, less socially connected to family and friends, or about the same?
PROBE_WAYS	List the ways that the Coronavirus pandemic has affected your life.
GAD71	[If Mode=Phone, read: Over the last 2 weeks, how often have you been bothered by any of the following problems?] Feeling nervous, anxious, or on edge. [If Mode=Phone, read if necessary: Would you say not at all, several days, more than half the days, or nearly every day?]
GAD72	[If Mode=Phone, read: Over the last 2 weeks, how often have you been bothered by any of the following problems?] Not being able to stop or control worrying. [If Mode=Phone, read if necessary: Would you say not at all, several days, more than half the days, or nearly every day?]
PHQ81	[If Mode=Phone, read: Over the last 2 weeks, how often have you been bothered by any of the following problems?] Little interest or pleasure in doing things [If Mode=Phone, read: Would you say not at all, several days, more than half the days, or nearly every day?]
PHQ82	[If Mode=Phone, read: Over the last 2 weeks, how often have you been bothered by any of the following problems?] Feeling down, depressed, or hopeless. [If Mode=Phone, read if necessary: Would you say not at all, several days, more than half the days, or nearly every day?]
PROBE_ANX	Which of the following statements, if any, describe any of your feelings of being nervous or anxious?
PROBE_DEP	Which of the following statements, if any, describe any of your feelings of being sad or depressed?
PROBE_RPEPI	When do you think the Coronavirus pandemic began? Your best guess is fine.
PROBE_RPAFFECT	When did the Coronavirus pandemic first affect your daily life? Your best guess is fine.

PROBE_PANDEMIC Why do you say that?

and Power Calculation

≠ indicator.

re power calculation.

Crosswalk to other Surveys	Primary Use Category
New Question for this RANDS	Estimation
CPS, Census Pulse Survey	Estimation
New Question for this RANDS, Planned for NHIS	Estimation
New Question for this RANDS, Planned for NHIS	Estimation
New Question for this RANDS, Planned for NHIS	Estimation
New Question for this RANDS	Estimation
New Question for this RANDS	Estimation
New Question for this RANDS	Estimation
New Question for this RANDS	Estimation
New Question for this RANDS	Estimation
New Question for this RANDS	Secondary Coronavirus-related variables
New Question for this RANDS	Secondary Coronavirus-related variables
NHIS Annual Core; Census' Pulse	Alignment
NHIS Annual Core; Washington Group	Alignment
NHIS Annual Core; Washington Group	Alignment

NHIS Annual Core; Washington Group Alignment

NHIS Annual Core; Washington Group Alignment

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NHIS Annual Core Alignment

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NHIS Annual Core Alignment

NHIS Annual Core Alignment

NHIS Annual Core Alignment

NHIS Annual Core Alignment

NHIS Annual Core Alignment

NHIS Annual Core Calibration

NHIS Annual Core Calibration

NHIS Annual Core Calibration

NHIS Annual Core Calibration

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New Question for this RANDS Measurment Research

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New Question for this RANDS Measurment Research

NHIS Rotating Core Measurment Research

NHIS Rotating Core Measurment Research

NHIS Rotating Core Measurment Research

NHIS Rotating Core Measurment Research

Used in RANDS 3 through
RANDS 4 Measurment Research

Used in RANDS 2 through
RANDS 4 Measurment Research

New Question for this RANDS Measurment Research

New Question for this RANDS Measurment Research

New Question for this RANDB Measurement Research

Covariate for Estimates

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Question	Wording
COVID_NOWK	Were you unable to work because you or a family member was sick with the Coronavirus?
COVID_CARE	At any time in the last 4 weeks, did you need medical care for something other than coronavirus, but not get it because of the coronavirus pandemic?
TELMED	In the last two months, has this provider offered you a telephone or video appointment
TELEMEDUSE	In the last two months, did you schedule and participate in a telephone or video appointment?
TELMEDNEW	Did this provider offer telephone or video appointments before the Coronavirus outbreak?
COVIDSEEK	Did you seek medical care for Coronavirus or Covid-19?
NOCARTYP	Were you unable to get any of the following types of care in the last two months?
COVIDNOCAR	[FILL: "Regarding your NOCARTYP"] Were you unable able to get this because of the Coronavirus epidemic?
DISR_MED	At any point since the coronavirus outbreak began, have you been able, unable, or have not needed... To get medications?
DISR_DOC	Since the coronavirus outbreak began, have you been able, unable, or have not needed... To get a doctor's appointment or some other kind of healthcare?

Assumed Prevalence

Low (prop w/ as of today is about 0.35%, but multiplied by the average US HH size of 2.52 is .882%, multiplied by

Med (~35% via KFF Poll in March)

Low/Med (~18 %--about 90 % of ppl have access a usual place of care, and I saw pre-covid estimates that about

Low(<18 %--about 90 % of ppl have access a usual place of care, and I saw pre-covid estimates that about 20% o

Low/Med (~18 %--about 90 % of ppl have access a usual place of care, and I saw pre-covid estimates that about

Low, but higher than the prop of ppl who have covid (which is about 0.35%)

Unknown, but less than than the overall of covid_Care for each individual area

Unknown, but less than than the overall of covid_Care for each individual area

Med (~65% via KFF Poll in March of ABLE)

Med (~65% via KFF Poll in March of ABLE)

Experimental estimates for the primary estimation variables below will be released. Because adults defined by chronic conditions and factors related to chronic conditions (e.g. insurance, age) were primary experimental estimates for all adults and for smaller samples for subgroups. CV of 30% away from CV and are based on exact confidence intervals but were established to be consistent with Beyond the subgroups shown in this table, other covariates indicated in the "Variables and Purpo:

CV were calculated for the sample of all adults (n=6000) and for sample sizes 2500, 2000, 1500, 1000. These expected sample sizes were based on RANDS 3 or NHIS.

CV were calculated assuming a design effect of 2. The average design effect for RANDS 3 was 1.83.

Table. Coefficients of Variation for primary estimation variables with varying expected prevalence

Primary estimation variable	Covariate subgroups (expected sample size based on RANDS 3)	Between 70% and 75% report one or more chronic condition	
		Any health insurance (5700*)	All adults, n=6000
	Assumed prevalence		n=4000
COVIDSEEK	0.50%	25.76	31.54
COVID_NOWK	1%	18.17	22.25
NOCARTYP	5%	7.96	9.75
COVIDNOCAR	5%	7.96	9.75
Variables with prevalence 10%	10%	5.48	6.71
TELEMEDUSE	15%	4.35	5.32
TELMED	20%	3.65	4.47
TELMEDNEW	20%	3.65	4.47
Variables with prevalence 25%	25%	3.16	3.87
Variables with prevalence 30%	30%	2.79	3.42
COVID_CARE	35%	2.49	3.05
DISR_MED	65%	1.34	1.64
DISR_DOC	65%	1.34	1.64

*based on NHIS, not fielded on RANDS 3

****https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf****

ated subgroups
✓) for the
ards** moved
released.

l in row 17.

*Diabetes (636),
COPD (485),
Cancer (561*)*

n=500

89.22

62.93

27.57

27.57

18.97

15.06

12.65

12.65

10.95

9.66

8.62

4.64

4.64
