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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** ACASEID                      **Module:** General                      **Section:** IDN

**Description:**

Annual Case Identification

**File(s):**

Adult, Adultinc, Child, Childinc, Paradata

**Data type:**

Character

**Response:**

	Range of values
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**Universe description:**

All households

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Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** AD\_PCLASS                      **Module:** General                      **Section:** GEN

**Description:**

Adult phone classification

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Wireless only
2	Wireless mostly
3	Dual users
4	Landline mostly
5	Landline only
6	Phoneless
7	Unknown

**Universe description:**

All households

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Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** AGE\_FINAL\_ERW      **Module:** Roster      **Section:** HHC

**Description:**

Adult age group recode - Early Release Wireless

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	18-24
2	25-29
3	30-34
4	35-44
5	45-64
6	65+

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:** HHC.0240.00.1    **Variable:** AGE65    **Module:** Roster    **Section:** HHC

**Description:**

Age 65 or older

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Less than 65
2	65 or older
7	Refused
9	Don't Know

**Universe description:**

Person is 18 years or older but refused or don't know specific age

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** AGEGRP\_R\_A                      **Module:** Roster                      **Section:** HHC

**Description:**

Adult age group recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	18-34 years
2	35-49 years
3	50-64 years
4	65 years and over

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** AGEI\_A                      **Module:** Roster                      **Section:** HHC

**Description:**

Age of SA

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

018-120	18-120 years
997	Refused
999	Don't Know

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** AGEP\_C                      **Module:** Roster                      **Section:** HHC

**Description:**

Age of SC

**File(s):**

Child

**Data type:**

Numeric

**Response:**

00	Under 1 year
01-17	1-17 years
97	Refused
99	Don't Know

**Universe description:**

Sample children 0-17

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** ANX\_R\_A                      **Module:** Adult                      **Section:** ANX

**Description:**

Regularly had feelings of worry, anxiety, nervousness recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

Adults were defined as regularly having feelings of worry, nervousness, or anxiety if they had these feelings daily and reported the level as "a lot," or "somewhere in between a little and a lot," or b) had these feelings weekly and reported the level as "a lot."

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**Question ID:**                      **Variable:** ASAT12M\_R\_A                      **Module:** Adult                      **Section:** AST

**Description:**

Asthma episode, past 12 months recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+ who were ever told they had asthma

**Notes:**

PRELIMINARY MICRODATA FILE ONLY, NOT FINAL INHOUSE OR PUBLIC USE VARIABLE

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** ASTAT                      **Module:** General    **Section:** GEN

**Description:**

Status of Sample Adult section

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

0	Not applicable/None eligible
1	Completed
2	HH member selected
3	Reached Sample Adult
4	Started HIS section
5	Sufficient Partial
6	HH member selected and no longer eligible
7	Refused

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** CSTAT                      **Module:** General    **Section:** GEN

**Description:**

Status of Sample Child section

**File(s):**

Child, Paradata

**Data type:**

Numeric

**Response:**

0	Not applicable/None eligible
1	Completed
2	HH member selected
3	Reached Sample Adult
4	Started HIS section
5	Sufficient Partial
6	HH member selected and no longer eligible
7	Refused

**Universe description:**

Sample children 0-17

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** CTRLNUM                      **Module:** General    **Section:** IDN

**Description:**

Control number

**File(s):**

Adult, Adultinc, Child, Childinc, Paradata

**Data type:**

Character

**Response:**

	Range of values
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**Universe description:**

All households

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** DENPREV\_R\_A                      **Module:** Adult                      **Section:** DNC

**Description:**

Dental exam or cleaning, past 12 months recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** DEP\_R\_A                      **Module:** Adult                      **Section:** DEP

**Description:**

Regularly had feelings of depression recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

PRELIMINARY MICRODATA FILE ONLY, NOT FINAL INHOUSE OR PUBLIC USE VARIABLE

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** DISAB3\_A                      **Module:** Adult                      **Section:** UPP

**Description:**

The Washington Group Short Set Composite Disability Indicator

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
9	Don't Know

**Universe description:**

Sample adults 18+

**Notes:**

The final recode variable created for Washington Group Adult Composite Disability Indicator

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** ECIGCUR\_R\_A                      **Module:** Adult                      **Section:** CIG

**Description:**

Current electronic cigarette smoking recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

Adults were defined as current electronic cigarette users if they had used an electronic cigarette or other electronic vaping product, even just one time in their life and now use them every day or some days.

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                    **Variable:** EDUC\_ERW                    **Module:** Roster                    **Section:** HHC

**Description:**

Adult Education recode - Early Release Wireless

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Less than HS
2	GED or HS
3	Some college, no degree
4	4yr degree or more

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** EDUC\_R\_A                      **Module:** Roster                      **Section:** HHC

**Description:**

Education recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Less than high school/GED or high school/GED
2	Some college or associate degree but less than bachelor's degree
3	Bachelor's, master's, professional, or doctoral degree
4	Unknown
5	Under 25 years old

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** EMER12M\_R\_A                      **Module:** Adult                      **Section:** UTZ

**Description:**

Hospital emergency department visit, past 12 months recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** EXCHANGE                      **Module:** General                      **Section:** GEN

**Description:**

Recode: Private coverage through Health Insurance Marketplace

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	Exchange plan
2	Not exchange plan

**Universe description:**

All persons

**Notes:**

Includes state-based exchanges.

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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Question ID: IMS.0050.00.3 Variable: FLUPREG\_A Module: Adult Section: IMS

**Description:**

Was flu shot before or during pregnancy

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Before pregnancy
2	During pregnancy
7	Refused
9	Don't Know

**Universe description:**

Female sample adults 18-49 (or don't know or refuse their age) and who are currently pregnant and received a flu vaccination in the past 12 months and the interview takes place in Jan-March or Aug-Dec.

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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Question ID: IMS.0060.00.3 Variable: FLUPREG2\_A Module: Adult Section: IMS

**Description:**

earlier pregnancy and flu vaccine

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Before pregnancy
2	During pregnancy
3	After pregnancy
7	Refused
9	Don't Know

**Universe description:**

Female sample adults 18-49 years of age or don't know or refuse age who reported a pregnancy during August-March and received a flu vaccination in the past 12 months.

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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Question ID: Variable: FLURISK\_A Module: General Section: GEN

**Description:**

Sample adult at high risk for influenza-related complications

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

Adults categorized as being at high risk for influenza-related complications self-reported one or more of the following: (a) ever being told by a doctor or other health professional that they had diabetes, chronic obstructive pulmonary disease, emphysema, chronic bronchitis, coronary heart disease, angina, or a heart attack; (b) having had a diagnosis of cancer during the previous 12 months (excluding nonmelanoma skin cancer), or ever being told by a doctor or other health professional that they had lymphoma, leukemia, or blood cancer; or (c) having had an asthma episode or attack during the preceding 12 months.

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**Question ID:**                      **Variable:** FLURISK\_C                      **Module:** General                      **Section:** GEN

**Description:**

Sample child at high risk for influenza-related complications

**File(s):**

Child

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample children 0-17

**Notes:**

Children under 18 years categorized as being at high risk for influenza-related complications reported by a knowledgeable adult included (a) ever having been told by a doctor or other health professional that the child had diabetes; or (b) the child having had an asthma episode or attack during the preceding 12 months.

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Preliminary Microdata File Variable Codebook  
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Question ID: IMM.0030.01.1 Variable: FLUVAC1M\_C Module: Child Section: IMM

**Description:**

Month of most recent flu vaccine

**File(s):**

Child

**Data type:**

Numeric

**Response:**

01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
97	Refused
99	Don't Know

**Universe description:**

Sample children 0-17 who have had one or more flu shots in the past 12 months

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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Question ID: IMM.0030.02.1 Variable: FLUVAC1Y\_C Module: Child Section: IMM

**Description:**

Year of most recent flu vaccine

**File(s):**

Child

**Data type:**

Numeric

**Response:**

Year	Year
9997	Refused
9999	Don't Know

**Universe description:**

Sample children 0-17 who have had one or more flu shots in the past 12 months and gave month or don't know month of flu shot

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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Question ID: IMM.0040.01.1 Variable: FLUVAC2M\_C Module: Child Section: IMM

**Description:**

Month of next most recent flu vaccine

**File(s):**

Child

**Data type:**

Numeric

**Response:**

01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
97	Refused
99	Don't Know

**Universe description:**

Sample children 0-17 who have had two or more flu shots in the past 12 months

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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Question ID: IMM.0040.02.1 Variable: FLUVAC2Y\_C Module: Child Section: IMM

**Description:**

Year of next most recent flu vaccine

**File(s):**

Child

**Data type:**

Numeric

**Response:**

Year	Year
9997	Refused
9999	Don't Know

**Universe description:**

Sample children 0-17 who have had two or more flu shots and gave month or don't know month of vaccine dose

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** HH\_PCLASS                      **Module:** General                      **Section:** GEN

**Description:**

Household phone classification

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	Landline(LL) with cell phone(CP)
2	LL without CP
3	LL with unknown CP
4	No LL with unknown CP
5	CP only
6	Phoneless
7	Unknown LL with CP

**Universe description:**

All households

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

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**Question ID:**                      **Variable:** HHID                      **Module:** General    **Section:** IDN

**Description:**

First 18 characters of the control number

**File(s):**

Adult, Adultinc, Child, Childinc

**Data type:**

Character

**Response:**

	Range of values
--	-----------------

**Universe description:**

All households

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: HOU.0020.00.1 Variable: HOUTENURE\_A Module: Adult Section: HOU

**Description:**

Residence owned/rented

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Owned or being bought
2	Rented
3	Other arrangement
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

**Question ID:**                      **Variable:** HPX\_A                      **Module:** General    **Section:** IDN

**Description:**

Person number of SA

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

01-25	Person Number
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**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** HPX\_C                      **Module:** General    **Section:** IDN

**Description:**

Person number of SC

**File(s):**

Child

**Data type:**

Numeric

**Response:**

01-25	Person Number
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**Universe description:**

Sample children 0-17

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** HRACER\_A                      **Module:** Roster                      **Section:** HHC

**Description:**

Simplified single race recode for SA

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

01	Hispanic
02	Non-Hispanic White only
03	Non-Hispanic Black only
04	Non-Hispanic AIAN only
05	Non-Hispanic Asian only
06	Non-Hispanic NHPI only
07	Non-Hispanic other race only
08	Non-Hispanic multiple race
97	Refused
99	Don't Know

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

**Question ID:**                      **Variable:** HRACER\_C                      **Module:** Roster                      **Section:** HHC

**Description:**

Simplified single race recode for SC

**File(s):**

Child

**Data type:**

Numeric

**Response:**

01	Hispanic
02	Non-Hispanic White only
03	Non-Hispanic Black only
04	Non-Hispanic AIAN only
05	Non-Hispanic Asian only
06	Non-Hispanic NHPI only
07	Non-Hispanic other race only
08	Non-Hispanic multiple race
97	Refused
99	Don't Know

**Universe description:**

Sample children 0-17

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** HYP\_R\_A                      **Module:** Adult                      **Section:** HYP

**Description:**

Current hypertension or takes prescription medication to control it recode

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** INSURED6                      **Module:** General    **Section:** GEN

**Description:**

Insurance coverage status created for Early Release analysis.

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	Covered
2	Uninsured
7	Refused
9	Don't Know

**Universe description:**

All persons

**Notes:**

PRELIMINARY MICRODATA FILE ONLY, NOT FINAL INHOUSE OR PUBLIC USE VARIABLE

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** INTV\_MON                      **Module:** General    **Section:** GEN

**Description:**

Interview month

**File(s):**

Adult, Child, Paradata

**Data type:**

Numeric

**Response:**

01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December

**Universe description:**

All households

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** INTV\_QRT                      **Module:** General    **Section:** GEN

**Description:**

Interview quarter

**File(s):**

Adult, Child, Paradata

**Data type:**

Numeric

**Response:**

1	Quarter 1
2	Quarter 2
3	Quarter 3
4	Quarter 4

**Universe description:**

All households

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** LASTDR\_R\_A                      **Module:** Adult                      **Section:** UTZ

**Description:**

Doctor visit for any reason, past 12 months recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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Question ID: IMS.0020.00.3 Variable: LIVEBIRTH\_A Module: Adult Section: IMS

**Description:**

Any live births

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Female sample adults 18-49 or age is don't know or refused who did not refuse to say if they are currently pregnant or if they were pregnant in August-March

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**Question ID:**                      **Variable:** MAEXP                      **Module:** General      **Section:** GEN

**Description:**

State Medicaid expansion status as of January 1, 2020

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	States that had moved forward with Medicaid expansion at this time
2	States that had not moved forward with Medicaid expansion at this time

**Universe description:**

All persons

**Notes:**

For 2020, states moving forward with Medicaid expansion included: AK, AZ, AR, CA, CO, CT, DE, DC, HI, ID, IL, IN, IA, KY, LA, ME, MD, MA, MI, MN, MT, NV, NH, NJ, NM, NY, ND, OH, OR, PA, RI, UT, VT, VA, WA, and WV. For 2020, states not moving forward with Medicaid expansion included: AL, FL, GA, KS, MS, MO, NC, NE, OK, SC, SD, TN, TX, WI, AND WY.

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**Question ID:**                      **Variable:** MDNG12M\_R\_A                      **Module:** Adult                      **Section:** UTZ

**Description:**

Did not get needed medical care due to cost, past 12 months recode Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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**Question ID:**                      **Variable:** MTHND\_R\_A                      **Module:** Adult                      **Section:** MHC

**Description:**

Did not get needed mental health care due to cost, past 12 months Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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**Question ID:**                      **Variable:** MHTHRPY\_R\_A                      **Module:** Adult                      **Section:** MHC

**Description:**

Counseling or therapy from mental health professional, past 12 months recode

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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---

**Question ID:**                      **Variable:** MSA\_R\_A                      **Module:** General    **Section:** UCF

**Description:**

MSA recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Large MSA
2	Small MSA
3	Not in MSA

**Universe description:**

Sample adults 18+

**Notes:**

MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. "Not in MSA" consists of persons not living in an MSA.

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2020 Quarter 4 National Health Interview Survey (NHIS)  
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Document Version:08/13/2021

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**Question ID:**                    **Variable:** MSA\_R2                    **Module:** General    **Section:** UCF

**Description:**

Collapsed MSA status

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	MSA
2	Non-MSA

**Universe description:**

All households

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** PAFRQ3M\_R\_A                      **Module:** Adult                      **Section:** PAI

**Description:**

Regularly experience chronic pain recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

PRELIMINARY MICRODATA FILE ONLY, NOT FINAL INHOUSE OR PUBLIC USE VARIABLE

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

Question ID: Variable: PNEUMORISK\_A Module: General Section: GEN

**Description:**

Sample adult at high risk for pneumococcal disease

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

Adults were considered at high risk for pneumococcal disease if they (a) had ever been told by a doctor or other health professional that they had diabetes, chronic obstructive pulmonary disease, emphysema, chronic bronchitis, coronary heart disease, angina, or a heart attack; (b) had a diagnosis of cancer during the previous 12 months (excluding nonmelanoma skin cancer), or had ever been told by a doctor or other health professional that they had lymphoma, leukemia, or blood cancer; (c) had an asthma episode or attack during the preceding 12 months; or (d) were current smokers.

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
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Document Version:08/13/2021

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**Question ID:**                      **Variable:** POVERTY                      **Module:** General    **Section:** GEN

**Description:**

Recode: Poverty status created for Early Release analysis - 4 categories.

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	Less than 100% federal poverty level (FPL)
2	100% to less than 200% FPL
3	200% FPL and greater
4	Unknown FPL

**Universe description:**

All persons

**Notes:**

POVERTY is based on family income and family size using the U.S. Census Bureau's poverty thresholds. This variable does not appear on the final files.

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** PPSU                      **Module:** General    **Section:** UCF

**Description:**

Pseudo-PSU for public-use file variance estimation

**File(s):**

Adult, Child, Paradata

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

All cases

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0010.00.3 Variable: PREGFLUYR\_A Module: Adult Section: IMS

**Description:**

Was SA pregnant last flu season

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Female sample adults 18-49 years or don't know or refuse age and who are not currently pregnant or Female sample adults 18-49 years who are currently pregnant and the interview occurred between April-July.

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** PSTRAT                      **Module:** General    **Section:** UCF

**Description:**

Pseudo-stratum for public-use file variance estimation

**File(s):**

Adult, Child, Paradata

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

All cases

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** PSU\_ER                      **Module:** General      **Section:** UCF

**Description:**

Early Release PSU for variance estimation

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

All households

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** REGION                      **Module:** General    **Section:** UCF

**Description:**

Household region

**File(s):**

Adult, Child, Paradata

**Data type:**

Numeric

**Response:**

1	Northeast
2	Midwest
3	South
4	West

**Universe description:**

All households

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** RXNA12M\_R\_A              **Module:** Adult              **Section:** PMD

**Description:**

Did not take medications as prescribed to reduce drug costs, past 12 months

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+ who have taken prescription medication in the past 12 months

**Notes:**

Not taking medication as prescribed to reduce costs is defined as having a positive reponse to questions about any of the following: skipping medication doses to save money, taking less medicine to save money, or delay filling a prescription to save money.

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** SEX\_A                      **Module:** Roster                      **Section:** HHC

**Description:**

Sex of Sample Adult

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Male
2	Female
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** SEX\_C                      **Module:** Roster                      **Section:** HHC

**Description:**

Sex of Sample Child

**File(s):**

Child

**Data type:**

Numeric

**Response:**

1	Male
2	Female
7	Refused
9	Don't Know

**Universe description:**

Sample children 0-17

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** SHFL12M\_R\_A                      **Module:** Adult                      **Section:** IMS

**Description:**

Influenza vaccination, past 12 months recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

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2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0130.00.3 Variable: SHINGRIX\_A Module: Adult Section: IMS

**Description:**

Ever had Shingrix vaccination

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 50+ who ever had a Shingles vaccine

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0140.00.3 Variable: SHINGRIXNB\_A Module: Adult Section: IMS

**Description:**

How many Shingrix shots

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	One Shingrix shot
2	Two Shingrix shots
7	Refused
9	Don't Know

**Universe description:**

Sample adults 50+ who had a Shingrix vaccine

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0150.00.3 Variable: SHINGRIXR\_A Module: Adult Section: IMS

**Description:**

What year did you get your most recent Shingrix shot

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1900-2030	Range of values
9997	Refused
9999	Don't Know

**Universe description:**

Sample adults 50+ who had a Shingrix vaccine

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0160.00.3 Variable: SHINGWHEN\_A Module: Adult Section: IMS

**Description:**

Was last Shingrix in 2018 or before 2018

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 50+ who had a Shingrix vaccination and don't know or refused the year they had it

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0030.00.1 Variable: SHTFLU12M\_A Module: Adult Section: IMS

**Description:**

Flu vaccine, past 12 months

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMM.0010.00.1 Variable: SHTFLU12M\_C Module: Child Section: IMM

**Description:**

Flu vaccine, past 12 months

**File(s):**

Child

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample children 0-17

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0040.01.1 Variable: SHTFLUM\_A Module: Adult Section: IMS

**Description:**

Month of last flu vaccine

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
97	Refused
99	Don't Know

**Universe description:**

Sample adults 18+ who have had a flu shot in the past 12 months

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMM.0020.00.1 Variable: SHTFLUNUM\_C Module: Child Section: IMM

**Description:**

Number of flu vaccines, past 12 months

**File(s):**

Child

**Data type:**

Numeric

**Response:**

1	1 vaccination
2	2 or more vaccinations
7	Refused
9	Don't Know

**Universe description:**

Sample children 0-17 who have had a flu shot in the past 12 months

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0040.02.1 Variable: SHTFLUY\_A Module: Adult Section: IMS

**Description:**

Year of last flu vaccine

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

Year	Year
9997	Refused
9999	Don't Know

**Universe description:**

Sample adults 18+ who gave a month for their last flu shot or who didn't know the month

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0080.00.1 Variable: SHTPNEUNB\_A Module: Adult Section: IMS

**Description:**

Number of pneumonia shots

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	One pneumonia shot
2	Two pneumonia shots
3	More than two pneumonia shots
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+ who have ever had a pneumonia shot

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0070.00.1 Variable: SHTPNUEV\_A Module: Adult Section: IMS

**Description:**

Ever had pneumonia shot

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0090.00.3 Variable: SHTSHINGLE\_A Module: Adult Section: IMS

**Description:**

ever had a shingles vaccination

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 50+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** SMKCUR\_R\_A                      **Module:** Adult                      **Section:** CIG

**Description:**

Current cigarette smoking recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
3	Unknown

**Universe description:**

Sample adults 18+

**Notes:**

Adults were defined as current cigarette smokers if they had smoked at least 100 cigarettes in their lifetime and now smoke every day or some days.

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** SRVY\_YR                      **Module:** General    **Section:** IDN

**Description:**

Year of the National Health Interview Survey

**File(s):**

Adult, Child, Paradata, Adultlong, Adultpart

**Data type:**

Numeric

**Response:**

1963-current year	Survey year
-------------------	-------------

**Universe description:**

All households

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** STRAT\_ER                      **Module:** General    **Section:** UCF

**Description:**

Early Release Stratum for variance estimation

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

All households

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
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Document Version:08/13/2021

---

Question ID: IMS.0170.00.03 Variable: TDAPPREG\_A Module: Adult Section: IMS

**Description:**

Have a Tdap booster shot

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Female sample adults less than 49 years old or who don't know or refused their age who had a live birth in the past 12 months

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** TYPEPRI                      **Module:** General      **Section:** GEN

**Description:**

Private coverage variable created for Early Release analysis.

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	Yes private
2	No private
7	Refused
9	Don't Know

**Universe description:**

All persons

**Notes:**

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---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

**Question ID:**                      **Variable:** TYPEPUB                      **Module:** General      **Section:** GEN

**Description:**

Public coverage variable created for Early Release analysis.

**File(s):**

Adult, Child

**Data type:**

Numeric

**Response:**

1	Yes public
2	No public
7	Refused
9	Don't Know

**Universe description:**

All persons

**Notes:**

PRELIMINARY MICRODATA FILE ONLY, NOT FINAL INHOUSE OR PUBLIC USE VARIABLE

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

**Question ID:**                      **Variable:** WKDYSMS\_R\_A                      **Module:** Adult                      **Section:** EMP

**Description:**

Missed 6 or more workdays due to health recode - Early Release

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	6 or more workdays missed
2	Less than 6 workdays missed
3	Unknown

**Universe description:**

Sample adults 18+ who worked for pay at a job or business last week, were temporarily absent, had seasonal or contract work, worked at a job or business but not for pay, or who were not currently working but had some period of employment in the past 12 months.

**Notes:**

Number of workdays missed due to illness, injury, or disability were asked of sample adults who worked for pay at a job or business last week, were temporarily absent, had seasonal or contract work, worked at a job or business but not for pay, or who were not currently working but had some period of employment in the past 12 months.

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

Question ID: IMS.0180.00.3 Variable: WORKHEALTH\_A Module: Adult Section: IMS

**Description:**

Currently provide medical care to patients

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

Question ID: IMS.0190.00.3 Variable: WRKHLTHFC\_A Module: Adult Section: IMS

**Description:**

Currently volunteer or work in health care

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 18+ who do not provide medical care to patients or don't know or refused if they do

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** WTFA\_A                      **Module:** General    **Section:** IDN

**Description:**

Weight - Final Annual

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

Sample adults 18+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** WTFA\_C                      **Module:** General    **Section:** IDN

**Description:**

Weight - Final Annual

**File(s):**

Child

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

Sample children 0-17

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

**Question ID:**                      **Variable:** WTFA\_SA\_ERW                      **Module:** General                      **Section:** IDN

**Description:**

Sample Adult Weight Wireless - Final Annual

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

Sample adults 18+

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
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---

**Question ID:**                      **Variable:** WTFA\_SC\_ERW                      **Module:** General                      **Section:** IDN

**Description:**

Sample Child Weight Wireless - Final Annual

**File(s):**

Child

**Data type:**

Numeric

**Response:**

	Range of values
--	-----------------

**Universe description:**

Sample children 0-17

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0100.00.3 Variable: ZOSTAVAX\_A Module: Adult Section: IMS

**Description:**

Ever had Zostavax

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 50+ who ever had a vaccine for shingles

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0110.00.3 Variable: ZOSTAVAXYR\_A Module: Adult Section: IMS

**Description:**

When was most recent Zostavax shot

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1900-2030	Range of values
9997	Refused
9999	Don't Know

**Universe description:**

Sample adults 50+ who have had a Zostavax vaccine

---

2020 Quarter 4 National Health Interview Survey (NHIS)  
Preliminary Microdata File Variable Codebook  
Document Version:08/13/2021

---

Question ID: IMS.0120.00.3 Variable: ZOSTAWHEN\_A Module: Adult Section: IMS

**Description:**

Was Zostavax in 2018 or before 2018

**File(s):**

Adult

**Data type:**

Numeric

**Response:**

1	Yes
2	No
7	Refused
9	Don't Know

**Universe description:**

Sample adults 50+ who don't know or refused the year they had a Zostavax vaccination