

IPUMS

# User Extract nhis\_00002.dat

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## § 1. Document Description

### Citation

<b>Title Statement</b>	
Title:	Codebook for an Integrated Health Interview Series Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'nhis_00002.dat'
Identification Number:	ddi2-560e0390-579e-013a-48a2-0242c0a82007-nhis_00002.dat-nhis.ipums.org
<b>Responsibility Statement</b>	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
<b>Production Statement</b>	
Producer:	IPUMS
Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	February 1, 2022
Place of Production:	IPUMS, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
<b>Distribution Statement</b>	
Contact Persons:	IPUMS
Affiliation:	University of Minnesota
URI:	<a href="https://ipums.org">https://ipums.org</a>

## § 2. Study Description

### Citation

<b>Title Statement</b>	
Title:	User Extract nhis_00002.dat
<b>Responsibility Statement</b>	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
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<b>Distribution Statement</b>	
Contact Persons:	IPUMS
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URI:	<a href="https://ipums.org">https://ipums.org</a>
<b>Version Statement</b>	
Date:	2022-02-01

### Study Scope

<b>Subject Information</b>	
Topic Classification:	Technical Household Variables -- HOUSEHOLD
	Technical Person Variables -- PERSON
	Core Demographic Variables -- PERSON
	Family Interrelationships Variables -- PERSON

	Ethnicity/Nativity Variables -- PERSON
	Education Variables -- PERSON
	Work Variables -- PERSON
	Total Income and Earnings Variables -- PERSON
	Income Sources Variables -- PERSON
	Income Sources Variables -- PERSON
	Housing Variables -- PERSON
	General Health Variables -- PERSON
	Women's Health Variables -- PERSON
	Alcohol Consumption Variables -- PERSON
	Smoking Variables -- PERSON
	Anxiety Variables -- PERSON
	Depression Variables -- PERSON
	COVID-19 Variables -- PERSON
	COVID-19 Variables -- PERSON
<b>Summary Data Description</b>	
Time Period:	2017
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2018
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2019
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2020

Country:	United States
<b>Notes</b>	
Note:	Additional notes on a sample that is part of this study: 2017 NHIS
	Additional notes on a sample that is part of this study: 2018 NHIS
	Additional notes on a sample that is part of this study: 2019 NHIS
	Additional notes on a sample that is part of this study: 2020 NHIS

## Data Access - Use Statement

<b>Confidentiality Declaration</b>	
<p>The Public Health Service Act (Section 308 (d)) provides that the data collected by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), may be used only for the purpose of health statistical reporting and analysis. Any effort to determine the identity of any reported case is prohibited by this law. NCHS does all it can to assure that the identity of data subjects cannot be disclosed. All direct identifiers, as well as any characteristics that might lead to identification, are omitted from the data files. Any intentional identification or disclosure of a person or establishment violates the assurances of confidentiality given to the providers of the information.</p> <p>Therefore, users will:</p> <p>Use the data in these data files for statistical reporting and analysis only.</p> <p>Make no use of the identity of any person or establishment discovered inadvertently and advise the Director, NCHS, of any such discovery (301-458-4500).</p> <p>Not link these data files with individually identifiable data from other NCHS or non-NCHS data files.</p> <p>By using these data, you signify your agreement to comply with the above-stated statutorily-based requirements.</p>	
Contact Persons:	Integrated Health Interview Series
Affiliation:	IPUMS
URI:	<a href="http://www.nhis.ipums.org/">http://www.nhis.ipums.org/</a>
<b>Citation Requirement</b>	
<p>Publications and research reports based on the NHIS database must cite it appropriately. The citation is as follows:</p> <p>Lynn A. Blewett, Julia A. Rivera Drew, Miriam L. King and Kari C.W. Williams. IPUMS Health Surveys: National Health Interview Survey, Version 6.4 [dataset]. Minneapolis, MN: IPUMS, 2019.  <a href="https://doi.org/10.18128/D070.V6.4">https://doi.org/10.18128/D070.V6.4</a></p> <p>If possible, citations should also include the URL for the NHIS site: <a href="http://www.nhis.ipums.org">http://www.nhis.ipums.org</a>.</p> <p>Please see <a href="http://www.nhis.ipums.org/nhis/citation.shtml">http://www.nhis.ipums.org/nhis/citation.shtml</a> for precise formatting of the citation.</p>	
<b>Conditions</b>	
<p>The Public Health Service Act (Section 308 (d)) provides that the data collected by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), may be used only for</p>	

the purpose of health statistical reporting and analysis. Any effort to determine the identity of any reported case is prohibited by this law. NCHS does all it can to assure that the identity of data subjects cannot be disclosed. All direct identifiers, as well as any characteristics that might lead to identification, are omitted from the data files. Any intentional identification or disclosure of a person or establishment violates the assurances of confidentiality given to the providers of the information.

Therefore, users must:

Use the data in these data files for statistical reporting and analysis only.

Make no use of the identity of any person or establishment discovered inadvertently and advise the Director, NCHS, of any such discovery (301-458-4500).

Not link these data files with individually identifiable data from other NCHS or non-NCHS data files.

By using these data, you signify your agreement to comply with the above-stated statutorily-based requirements.

Furthermore, users of NHIS data must agree to abide by the conditions of use. Users must agree to the following conditions:

(1) Use the data in these data files for statistical reporting and analysis only

(2) Make no use of the identity of any person or establishment discovered inadvertently and advise the Director of NCHS of any such discovery (301-458-4500)

(3) Do not link these data with individually-identifiable data from NCHS or non-NCHS data files

(4) No fees may be charged for use or distribution of the data. All persons are granted a limited license to use and distribute these data, but you may not charge a fee for the data if you distribute them to others.

(5) Cite the NHIS appropriately. Publications and research reports based on the database must cite it appropriately. Please see <http://www.nhis.ipums.org/nhis/citation.shtml>

(6) NHIS cannot be used to study small geographic areas. The smallest geographical areas identified in the NHIS are regions (groups of states) and a limited number of metropolitan areas.

(7) This system provides individual-level data only. The NHIS Data Extraction System will not produce tables. You will need to use a statistical software package, such as Stata, SAS, or SPSS, to analyze the downloaded data. Alternatively, you may use the NHIS-SDA tabulator to produce tables online, without making a data extract.

### **Disclaimer**

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

### **Study Notes**

<b>Notes</b>	
Note:	User-provided description: IPUMS_HS

### **§ 3. File Description**

#### **File**

File Name:	nhis_00002.dat
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Contents of Files:	Microdata records
Type:	rectangular
File Type:	ISO-8859-1 data file
Data Format:	fixed length fields
Place of File Production:	IPUMS, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455

## § 4. Variable Description

### Jump to Variable

1. [YEAR](#) (Survey year)
2. [SERIAL](#) (Sequential Serial Number, Household Record)
3. [STRATA](#) (Stratum for variance estimation)
4. [PSU](#) (Primary sampling unit (PSU) for variance estimation)
5. [NHISHID](#) (NHIS Unique identifier, household)
6. [HHWEIGHT](#) (Household weight, final annual)
7. [PERNUM](#) (Person number within family/household (from reformatting))
8. [NHISPID](#) (NHIS Unique Identifier, person)
9. [HHX](#) (Household number (from NHIS))
10. [FMX](#) (Family number (from NHIS))
11. [PX](#) (Person number of respondent (from NHIS).)
12. [PERWEIGHT](#) (Final basic annual weight)
13. [SAMPWEIGHT](#) (Sample Person Weight)
14. [LONGWEIGHT](#) (Sample adult weight, longitudinal sample)
15. [PARTWEIGHT](#) (Sample adult weight, partial sample)
16. [FWEIGHT](#) (Final annual family weight)
17. [SUPP1WT](#) (Supplemental Person Weight 1)
18. [ASTATFLG](#) (Sample adult flag)
19. [CSTATFLG](#) (Sample child flag)
20. [AGE](#) (Age)
21. [SEX](#) (Sex)
22. [SEXORIEN](#) (Sexual orientation)
23. [MARSTAT](#) (Legal marital status)
24. [MARST](#) (Current marital status)
25. [MARSTCOHAB](#) (Marital status, including living with partner)
26. [COHABMARST](#) (Legal marital status of cohabiting person)
27. [COHABEVMAR](#) (Cohabiting person ever married)
28. [MARRIEDEV](#) (Ever been married)
29. [SPOUSESEX](#) (Sex of sample adult's spouse)
30. [SPOUSAGE](#) (Age of sample adult's spouse)
31. [PRTNRSEX](#) (Sex of sample adult's unmarried partner)
32. [PRTNRAGE](#) (Age of sample adult's unmarried partner)
33. [RELATE](#) (Relationship to householder)
34. [FAMSIZE](#) (Number of persons in family)
35. [FAMREL](#) (Relationship to family reference person)
36. [MOMLOC](#) (Person number of first mother (from programming))

37. MOMRULE (Rule for linking first mother)
38. MOMLOC2 (Person number of second mother (from programming))
39. MOM2RULE (Rule for linking second mother)
40. POPLOC (Person number of first father (from programming))
41. POPRULE (Rule for linking first father)
42. POPLOC2 (Person number of second father (from programming))
43. POP2RULE (Rule for linking second father)
44. SPLOC (Person number of spouse (from programming))
45. SPRULE (Rule for linking spouse)
46. SPLIVEHERE (Spouse lives in household)
47. SPNOTHERSEP (Spouse does not reside in household due to legal separation)
48. PARTNERED (Education of cohabiting or unmarried partner)
49. PARTNEREMP (Employment status of cohabiting or unmarried partner)
50. PARTNEREMPF (Cohabiting or unmarried partner is employed full time)
51. ISPARENT (Sample adult is a parent of minor co-residential child)
52. ISPARENTSC (Sample adult is the parent of the sample child)
53. NCHILD (Number of own children (from programming))
54. NCHLT5 (Number of own children less than 5 years old (from programming))
55. YNGCH (Age of youngest own child (from programming))
56. NSIBS (Number of own siblings in the household (from programming))
57. FAMNUMR (Family number (reported))
58. FAMTYPEFREC (Family type, as reported on family record)
59. FAMKIDNO (Number of family members under 18 (fam record))
60. FAMOLDNO (Number of family members age 65+ (family record))
61. PARENTHERE (Parent(s) present in the family (reported))
62. MOMED (Education of mother)
63. DADED (Education of father)
64. HISPETH (Hispanic ethnicity)
65. USBORN (Born in the United States)
66. CITIZEN (U.S. citizenship)
67. EDUCREC2 (Educational attainment recode, intervalled)
68. EDUCREC1 (Educational attainment recode, nonintervalled)
69. EDUC (Educational attainment)
70. SPOUSEDUC (Education level of sample adult's spouse)
71. SCHOOLNOW (Currently attending school)
72. EMPSTAT (Employment status in past 1 to 2 weeks)
73. OCC (Detailed occupation )
74. OCC1995 (Occupation, 1995 basis)
75. IND (Detailed industry recode, 1969-2003)
76. IND1995 (Industry, 1995 basis)
77. HOURSWRK (Total hours worked last week or usually)
78. MONTHWRK (Months in last year had one or more jobs)
79. NUMEMPS (Number of employees at work)
80. SECONDJOB (Have more than one job or business)
81. PAIDHOUR (Paid by the hour at current job)
82. PAIDSICK (Paid sick leave at current job)
83. EMPHI (Workplace offered health insurance)
84. USUALFT (Usually work full time)
85. EMPFT (Usually work 35+ hours per week)
86. JOBSECINCORP (Current self-employment job is incorporated business)

87. WORKEV (Ever worked)
88. EMPLAST (Last time worked for pay)
89. YEARSONJOB (Years on main or longest or last job)
90. POORYN (Above or below poverty threshold)
91. INCFAM97ON2 (Total combined family income (1997+ w. 2007 categories))
92. INCFAM07ON (Total combined family income (2007+))
93. FAMTOTINC (Total family income, last year (top coded))
94. QTCINCFAM (Family income top code flag)
95. IMPINCFAM (Family income imputation flag)
96. CPI2009 (CPI conversion factor)
97. INCIMP1 (Imputed total combined family income (1997+ grouping))
98. WELFMQ (Months received welfare income, previous calendar year)
99. GOTWELF (Received income from welfare/public assistance, previous calendar year)
100. GOTNEWELF (Received other (new welfare reform) assistance from government program)
101. GOTSSISSDI (Received income from SSI or SSDI, previous calendar year)
102. WCHSSISSDI (Received SSI, SSDI, or both)
103. WHYSSISSDI (Received SSI, SSDI, or both due to disability)
104. GOTSSI (Received income from SSI, previous calendar year)
105. GOTSSIWHY (Received SSI due to disability)
106. SSIAPPLY (Ever applied for SSI)
107. GOTSS (Received income from Social Security/RRR, previous calendar year)
108. GOTSSDIS (Received SS/RR as disability benefit, previous calendar year)
109. SSDIAPPLY (Ever applied for SSDI)
110. GOTDIV (Received income from dividends from stocks/funds, previous calendar year)
111. GOTINT (Received income from savings/bank account interest, previous calendar year)
112. GOTOTHOPEN (Received income from other pensions, past calendar year)
113. GOTWAGE (Received income from wages/salary, previous calendar year)
114. GOTSEMP (Received income from self-employment, previous calendar year)
115. GOTCHSUP (Received income from child support, previous calendar year)
116. OWNERSHIP (Family's home owned or rented)
117. LOWRENT (Family pays lower rent due to government program)
118. HEALTH (Health status)
119. HEIGHT (Height in inches without shoes)
120. WEIGHT (Weight in pounds without shoes)
121. BMICALC (Body Mass Index, calculated from publicly released height and weight variables)
122. BMI (Body mass index)
123. BMICAT (Categorical body mass index)
124. HEIGHTKID (Height in inches of child)
125. WEIGHTKID (Weight in pounds of child)
126. BMIKID (Body mass index of child)
127. BEDAYR2 (Bed disability days in past 12 months, intervalled)
128. BEDAYR (Bed disability days, past 12 months)
129. SLDAYR (School loss days, past 12 months)
130. HSTATYR (Health status compared to 1 year ago)
131. WLDAZR (Work loss days, past 12 months)
132. WLDAZR2 (Work loss days in past 12 months, truncated)
133. WORKVOLHCSET (Currently work or volunteer in health care setting)
134. WORKVOLHCPAT (Currently have direct contact with health care patients)
135. NBHDTIME (Length of time living in present neighborhood)
136. NBHDCLKT (How much do you agree that this is a close-knit neighborhood)

137. NBHDCTON (How much do you agree that there are people you can count on in this neighborhood)
138. NBHDTRUST (How much do you agree that people in this neighborhood can be trusted)
139. NBHDHELP (How much do you agree that people in this neighborhood help each other out)
140. PAINLMT6MO (How often did pain limit life or work activities, past 6 months)
141. PREGNANTNOW (Currently pregnant)
142. PREGEVER (Ever been pregnant)
143. PREGFLUYR (Pregnant during last flu season)
144. PREGFLUSH (Got a flu shot before, during or after pregnancy)
145. TDAPPREG (Had Tdap booster shot during pregnancy)
146. HYSTEV (Ever had a hysterectomy)
147. LIVEBIRTH (Had live birth in the past 12 months)
148. ALC1YR (Ever had 12+ drinks in any one year)
149. ALCLIFE (Had 12+ drinks in entire life)
150. ALC5UPYR (Days had 5+ drinks, past year)
151. ALCAMT (Average number of drinks on days drank)
152. ALCSTAT1 (Alcohol drinking status: Recode)
153. ALCANYNO (Frequency drank alcohol in past year: Number of units)
154. ALCANYTP (Frequency drank alcohol in past year: Time period)
155. ALCDAYSWK (Frequency drank alcohol in past year: Days per week)
156. ALCDAYSYR (Frequency drank alcohol in past year: Days in past year)
157. ALC5UPNO (Days had 5+ drinks, past year: Number of units)
158. ALC5UPTP (Days had 5+ drinks, past year: Time period)
159. SMOKEV (Ever smoked 100 cigarettes in life)
160. SMOKAGEREG (Age first smoked fairly regularly)
161. CIGDAYMO (Number days smoked in past 30 days (some day smokers))
162. CIGSDAY (Number cigarettes per day (current smokers))
163. CIGSDAY1 (Number cigarettes per day (daily smokers))
164. CIGSDAY2 (Number cigarettes per day (some day smokers))
165. SMOKESTATUS2 (Cigarette smoking recode 2: Current detailed/former/never)
166. SMOKFREQNOW (Smoke every day, some days, or not at all)
167. ANXIETYEV (Ever told you had any anxiety disorder)
168. WORFREQ (How often feel worried, nervous, or anxious)
169. WORRX (Take medication for worried, nervous, or anxious feelings)
170. WORFEELVL (Level of worried, nervous, or anxious feelings, last time)
171. WRYSTDLIV (Worried about maintaining standard of living)
172. WRYMEDCST (Worried about medical costs due to illness/accident)
173. WRYHOUS (Worried about paying rent/mortgage/housing costs)
174. WRYCCPAY (Worried about credit card payments)
175. WRYHCCST (Worried about medical costs of healthcare)
176. WRYRET (Worried about money for retirement)
177. WRYCOLL (Worried about paying for children's college)
178. WRYBILLS (Worried about paying monthly bills)
179. GADANX (Feel anxious or nervous: past two weeks)
180. GADWORCTRL (Not able to stop or control worrying: past two weeks)
181. GADWORMUCH (Worry too much: past two weeks)
182. GADRELAX (Trouble relaxing: past two weeks)
183. GADRSTLS (Restless or hard to sit still: past two weeks)
184. GADANNOY (Easily annoyed or irritable: past two weeks)
185. GADFEAR (Feel afraid: past two weeks)
186. GADCAT (Severity of anxiety symptoms (GAD))

187. DEPFREQ (How often feel depressed)
188. DEPRX (Take medication for depression)
189. DEPFEELVL (Level of depression, last time depressed)
190. PHQINTR (Little interest in doing things: past two weeks)
191. PHQDEP (Feeling down, depressed, or hopeless: past two weeks)
192. PHQSLEEP (Trouble sleeping: past two weeks)
193. PHQENGY (Tired or little energy: past two weeks)
194. PHQEAT (Poor appetite or overeating: past two weeks)
195. PHQBAD (Feel bad about yourself: past two weeks)
196. PHQCONC (Trouble concentrating: past two weeks)
197. PHQMOVE (Moving or speaking slow or fast: past two weeks)
198. PHQCAT (Severity of depressive symptoms (PHQ))
199. CVDDIAG (Ever told had or likely had coronavirus)
200. CVDTEST (Ever been tested for coronavirus)
201. CVDTESTRSLT (Had coronavirus, according to test)
202. CVDSYMP (Severity of coronavirus symptoms at their worst)
203. CVDCANTREA (In treatment or supposed to receive treatment for cancer since start of coronavirus pandemic)
204. CVDCANCHG (Cancer treatments changed, delayed, or cancelled because of the coronavirus pandemic)
205. CVDCANOTHTR (Needed other medical care for cancer since start of coronavirus pandemic)
206. CVDCANOTHCHG (Other medical care for cancer changed, delayed, or cancelled because of the coronavirus pandemic)
207. CVDDLYCARE (Delayed getting medical care because of the coronavirus pandemic)
208. CVDDNGCARE (Did not get needed medical care other than for coronavirus because of the coronavirus pandemic)
209. VIRAPP12M (Had a medical appointment by video or phone, past 12 months)
210. CVDVIRAPPCVD (Had a virtual medical appointment because of reasons related to the coronavirus pandemic)
211. CVDDNGHMECARE (Did not get needed medical care at home because of the coronavirus pandemic)
212. CVDFAMCAR12M (Received care at home from friend or family member, past 12 months)
213. CVDDNGFAMCAR (Did not get needed care at home from friend or family because of coronavirus pandemic)
214. CVDFAMCAREPR (Friend or family provided some or all of the care health professional did not provide due to the coronavirus pandemic)
215. CVDCURJOBSD (Currently social distancing measures in effect at main job or business)
216. CVDWCLSDCUR (How often still need to work closer than 6 feet at main job or business)
217. CVDWCLNOSD (How often needed to work closer than 6 feet without social distancing measures)
218. CVDWCLOFT (How often need to work closer than 6 feet at main job or business (no social distancing))
219. CVDJOBSDEV (Main job or business put social distancing measures into effect since start of the coronavirus pandemic)
220. CVDWCLSDOF (How often needed closer to work closer than 6 feet when social distancing measures were in effect)
221. CVDMNJOBSD12M (Any social distancing measures in effect at main job held in last 12 months)
222. CVDWCLSD12M (How often still needed to work closer than 6 feet to other people at main job held in past 12 months)
223. CVDWCLNOSD12M (How often needed to work closer than 6 feet to other people at main job held in past 12 months when social distancing measures were not in effect)
224. CVDWCLSOFT12M (How often needed to work closer than 6 feet to other people at main job held in past 12 months (no social distancing measures at job))
225. CVDJOBANYSD (Social distancing measures ever in effect at current or recent job)
226. CVDCLSWRKSD (How often work close to others with social distancing measures at current or recent job)

227. CVDCLSWRKNOSD (How often work close to others without social distancing measures at current or recent job)

### Variable: "YEAR"

Name:	YEAR
Label:	Survey year
Variable Text:	YEAR is a four-digit variable reporting the calendar year (e.g., 2003) the survey was conducted and the data were collected. YEAR indicates the survey year reported on the household record.
Concept:	Technical Household Variables -- HOUSEHOLD
Start Position:	1
End Position:	4
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 4-digit numeric variable with 0 implied decimal places

### Variable: "SERIAL"

Name:	SERIAL
Label:	Sequential Serial Number, Household Record
Variable Text:	SERIAL is an IPUMS NHIS-constructed value that is an identifying number unique to each household in a given survey year. The combination of YEAR and SERIAL provides a unique identifier for every household in the IPUMS NHIS database.
Concept:	Technical Household Variables -- HOUSEHOLD
Start Position:	5
End Position:	10
Width:	6
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	CodesSERIAL is a 6-digit numeric variable.

## Variable: "STRATA"

Name:	STRATA
Label:	Stratum for variance estimation
Variable Text:	<p>STRATA is an IPUMS NHIS-constructed variable based on the NHIS sample design variables in the public use files concatenated with a sample design period indicator. STRATA represents the impact of the sample design stratification on the estimates of variance and standard errors. It is constant within a sample design period and changes between sample design periods. For analysis, researchers need to use STRATA in conjunction with PSU to account for stratification and clustering when computing variance estimates with IPUMS NHIS data.</p> <p>See the User Notes on variance estimation for additional information.</p> <p>After the 2019 redesign, there is no longer a sampling weight to produce household population estimates. See the user note on the calculation and use of sampling weights for additional information.</p>
Concept:	Technical Household Variables -- HOUSEHOLD
Start Position:	11
End Position:	14
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesSTRATA is a 5-digit numeric variable.</p> <p>000: Not in Universe</p>

## Variable: "PSU"

Name:	PSU
Label:	Primary sampling unit (PSU) for variance estimation
Variable Text:	<p>PSU is the primary sampling unit variable that represents the impact of the sample design clustering on the estimates of variance and standard errors. It is constant within a sample design period and changes between sample design periods. For analysis, researchers need to use PSU in conjunction with STRATA to account for</p>

	<p>stratification and clustering when computing variance estimates with IPUMS NHIS data.</p> <p>See the User Notes on variance estimation for additional information.</p> <p>After the 2019 redesign, there is no longer a sampling weight to produce household population estimates. See the user note on the calculation and use of sampling weights for additional information.</p>
Concept:	Technical Household Variables -- HOUSEHOLD
Start Position:	15
End Position:	17
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesPSU is a 3-digit numeric variable.</p> <p>000: Not in Universe</p>

## Variable: "NHISHID"

Name:	NHISHID
Label:	NHIS Unique identifier, household
Variable Text:	<p>NHISHID is an IPUMS NHIS-constructed value that is an identifying number unique to each household in a given survey year. Using NHISHID, analysts can link IPUMS NHIS data with additional household-level data elements, from the NHIS source public use data files, that are not currently available in IPUMS. NHISHID is a single variable constructed by concatenating multiple data elements from the NHIS source data files. Analysts wishing to link person-level NHIS data should use the person-level linking key NHISPID.</p> <p>See the user note on LINKING for instructions on how to create links between IPUMS NHIS and NHIS source data.</p> <p>After the 2019 redesign, there is no longer a sampling weight to produce household population estimates. See the user note on the calculation and use of sampling weights for additional information.</p>
Concept:	Technical Household Variables -- HOUSEHOLD
Start Position:	18
End Position:	31

Width:	14
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	CodesNHISHID is a 14-character string variable.

## Variable: "HHWEIGHT"

Name:	HHWEIGHT
Label:	Household weight, final annual
Variable Text:	<p>HHWEIGHT is an IPUMS NHIS-constructed variable based on the Final Annual Household Weight for 1997 forward and the Final Basic Weight in 1969-1996 NHIS public use files. HHWEIGHT represents the inverse probability of household selection into the sample, adjusted for non-response. For analyses using the household as the unit of analysis (e.g., how many households contained a person who needed help with activities of daily living?), researchers should use the household weight.</p> <p>Rather than using HHWEIGHT, researchers should use PERWEIGHT or SAMPWEIGHT when analyzing person-level variables or variables from the sample adult/sample child supplements from 1997 forward. See the User Notes on the use of sampling weights for additional information.</p>
Concept:	Technical Household Variables -- HOUSEHOLD
Start Position:	32
End Position:	37
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesHHWEIGHT is a 6-digit numeric variable.

## Variable: "PERNUM"

Name:	PERNUM
Label:	Person number within family/household (from reformatting)
Variable	PERNUM is an IPUMS NHIS-constructed variable that numbers all persons within each

Text:	family or within each household consecutively (starting with "1") in the order in which they appear in the original NHIS data. PERNUM was created by IPUMS NHIS during the process of reformatting the original NHIS public use files.
	Prior to 2019, PERNUM numbers all persons within each family. Beginning in 2019, PERNUM numbers all person within a household and has a maximum of "2," as only the sample child and sample adult are identified in the original NHIS data. For more information, see the Comparability section.
Concept:	Technical Person Variables -- PERSON
Start Position:	38
End Position:	39
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPERNUM is a 2-digit numeric variable.

## Variable: "NHISPID"

Name:	NHISPID
Label:	NHIS Unique Identifier, person
Variable Text:	<p>NHISPID is an IPUMS NHIS-constructed value that is an identifying number unique to each person in a given survey year. Using NHISPID, analysts can link IPUMS NHIS data with additional data elements, from the NHIS source public use data files, that are not currently available in IPUMS. For example, researchers can use NHISPID to link variables in IPUMS NHIS with other variables from the core NHIS files variables. Alternatively, users may use NHISPID to link variables from IPUMS with variables from NHIS supplements that are not yet part of IPUMS NHIS. NHISPID is a single variable constructed by concatenating multiple data elements from the NHIS source data files.</p> <p>Analysts wishing to link household-level NHIS data should use the household-level linking key NHISHID.</p> <p>See the user note on LINKING for instructions on how to create links between IPUMS NHIS and NHIS source data.</p>
Concept:	Technical Person Variables -- PERSON
Start Position:	40
End Position:	55
Width:	16

Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	CodesNHISPID is a 16-character string variable.

## Variable: "HHX"

Name:	HHX
Label:	Household number (from NHIS)
Variable Text:	For sample adults and sample children, HHX reports the person's household number on the original NHIS data. HHX is unique within sample but only unique across samples when combined with information on year. Prior to 2019, this variable was available for all persons.
Concept:	Technical Person Variables -- PERSON
Start Position:	56
End Position:	62
Width:	7
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	This is a 7-digit numeric variable with 0 implied decimal places

## Variable: "FMX"

Name:	FMX
Label:	Family number (from NHIS)
Variable Text:	For all persons, FMX reports the person's family number within the household, as documented on the family record on the original NHIS data. FMX is unique only when combined with information on year and household.
Concept:	Technical Person Variables -- PERSON
Start Position:	63

End Position:	64
Width:	2
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	This is a 2-digit numeric variable with 0 implied decimal places

### Variable: "PX"

Name:	PX
Label:	Person number of respondent (from NHIS).
Variable Text:	PX is the original person number assigned to each individual by the NHIS. PX is unique only when combined with information on year, household, and family.
Concept:	Technical Person Variables -- PERSON
Start Position:	65
End Position:	66
Width:	2
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	CodesPX is a 2-digit numeric variable.

### Variable: "PERWEIGHT"

Name:	PERWEIGHT
Label:	Final basic annual weight
Variable Text:	PERWEIGHT is an IPUMS NHIS-constructed variable based on the Final Annual Weight in the original NHIS public use files. This weight should be used for many analyses at the person level, particularly with variables for which information was collected about all family members. PERWEIGHT represents the inverse probability of selection into the sample, adjusted for non-response with post-stratification adjustments for age, race/ethnicity, and sex using the Census Bureau's population control totals. For each

year, the sum of these weights is equal to that year's civilian, non-institutionalized U.S. population.

There are instances, however, when the researcher should use a different person-level weight, particularly with supplements where a random adult or child family member was selected for questioning. For example, researchers analyzing variables from the sample adult/sample child supplements from 1997 forward should use SAMPWEIGHT rather than PERWEIGHT.

Users should review the documentation for extracted variables--most notably the "Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year. See the User Notes on the use of sampling weights for additional information.

Concept:	Technical Person Variables -- PERSON
Start Position:	67
End Position:	78
Width:	12
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPERWEIGHT is a 12-digit numeric variable.

## Variable: "SAMPWEIGHT"

Name:	SAMPWEIGHT
Label:	Sample Person Weight
Variable Text:	<p>SAMPWEIGHT is an IPUMS NHIS-constructed variable that represents, with a few exceptions, the random selection of a sample person in the household to complete a supplement survey. (The exceptions to this generalization are the 1983 health insurance supplement and 1993 health insurance, access to care, and family resources supplements, which were asked of all persons in the second half of the year.)</p> <p>For survey years 1997 forward, SAMPWEIGHT is based on the Final Annual Sample Adult and Sample Child Weights in the original NHIS public use files. This weight should be used with variables taken from the sample adult or sample child supplements for 1997 on (as indicated by the supplement title in the "Source" section toward the top of each variable description).</p> <p>SAMPWEIGHT also contains the sampling weights for a subset of the pre-1997 supplements, for which the definition of a sample person, and the rules governing the selection of sample persons, are less consistent. The universe statements for SAMPWEIGHT document who was included in the supplements requiring use of this weight on a year-by-year basis. SAMPWEIGHT consistently represents the inverse probability of selection into a supplement, adjusted for non-response with additional post-stratification adjustments for age, race/ethnicity, and sex using the Census Bureau's population control totals.</p> <p>Users should review the documentation for extracted variables--most notably the</p>

	"Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year. See the User Notes on the use of sampling weights for additional information.
Concept:	Technical Person Variables -- PERSON
Start Position:	79
End Position:	90
Width:	12
Variable Format:	numeric
Implied Decimal Places:	3
Coder Instructions:	Codes SAMPWEIGHT is a 12-digit numeric variable with three implied decimals.

## Variable: "LONGWEIGHT"

Name:	LONGWEIGHT
Label:	Sample adult weight, longitudinal sample
Variable Text:	<p>LONGWEIGHT is the final Longitudinal Weight offered in the original NHIS public use files. LONGWEIGHT was created to allow analysis of individual-level changes from 2019 to 2020 in the longitudinal sample.</p> <p>Due to the coronavirus pandemic in 2020, about half of the original NHIS sample allocated for the last five months of 2020 was replaced with persons that completed a Sample Adult interview in the 2019 NHIS. This group of sample adults that completed interviews in the 2019 and 2020 NHIS are referred to as the "longitudinal" sample. Persons in the longitudinal sample were interviewed for the 2020 NHIS at least 12 months after their initial 2019 interview date. According to the 2020 Survey Description, the longitudinal sample was introduced "due to concerns about possible loss of coverage and lower response rates typically associated with telephone interviewing." See the user note on COVID-related changes to the NHIS for more information. Due to methodological concerns, sample children were not included in the longitudinal sample.</p> <p>Researchers may use NHISPID in 2019 and NHISPIDPRVYR in 2020 to link the longitudinal sample across these two years of data. Please see NHISPIDPRVYR for more information.</p> <p>See the User Note on the use of sampling weights for additional information.</p>
Concept:	Technical Person Variables -- PERSON
Start Position:	91
End Position:	101

Width:	11
Variable Format:	numeric
Implied Decimal Places:	3
Coder Instructions:	CodesLONGWEIGHT is a 11-digit numeric variable with 3 implied decimals.

## Variable: "PARTWEIGHT"

Name:	PARTWEIGHT
Label:	Sample adult weight, partial sample
Variable Text:	<p>PARTWEIGHT is the final Partial Weight offered in the original NHIS public use files. PARTWEIGHT was created to allow estimates that are based only on the respondents from the original 2020 NHIS sample (i.e., excluding the longitudinal sample). According to the 2020 Survey Description, PARTWEIGHT is only recommended for use with 2020 data when pooling 2019 and 2020 data to increase sample size. In that case, SAMPWEIGHT should be used as the weight for the 2019 data. A user might, for example, create a new weight and assign PARTWEIGHT values for 2020 and SAMPWEIGHT values for 2019.</p> <p>Due to the coronavirus pandemic in 2020, about half of the original NHIS sample allocated for the last five months of 2020 was replaced with persons that completed a Sample Adult interview in the 2019 NHIS. This group of sample adults that completed interviews in the 2019 and 2020 NHIS are referred to as the "longitudinal" sample. PARTWEIGHT does not include sample adults from the longitudinal sample. See the user note on COVID-related changes to the NHIS for more information.</p> <p>See the User Note on the use of sampling weights for additional information.</p>
Concept:	Technical Person Variables -- PERSON
Start Position:	102
End Position:	112
Width:	11
Variable Format:	numeric
Implied Decimal Places:	3
Coder Instructions:	CodesPARTWEIGHT is a 11-digit numeric variable with 3 implied decimals.

## Variable: "FWEIGHT"

Name:	FWEIGHT
Label:	Final annual family weight
Variable Text:	<p>FWEIGHT is a variable based on the Final Annual Weight in the original NHIS public use files. This weight should be used for many analyses at the family level, particularly with variables for which information was collected about family characteristics.</p> <p>&amp;nbsp;Creating FWEIGHT requires using independent estimates of the number of families from a reliable source such as the U.S. Census Bureau in order to perform post-stratification adjustments in a manner similar to what was done for the person-level weights. However, such independent estimates do not exist.</p> <p>As a result, the NHIS used the "principle person" method to create family-level weights. The person weight with the smallest ratio adjustment within each family was used as a proxy for the family-level ratio adjustment. This method is believed to provide a more accurate estimate of the total number of U.S. families than either the use of other person weights within the family or the use of no ratio adjustments at all. Therefore, the Family weight contains factors for selection probabilities at the household level, household non-response adjustment, and several ratio adjustment factors that are applied to all person weights. Users should review the documentation for extracted variables--most notably the "Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year. See the User Notes on the use of sampling weights for additional information.</p>
Concept:	Technical Person Variables -- PERSON
Start Position:	113
End Position:	118
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesFWEIGHT is a 6-digit numeric variable.

### Variable: "SUPP1WT"

Name:	SUPP1WT
Label:	Supplemental Person Weight 1
Variable Text:	<p>SUPP1WT is an IPUMS NHIS-constructed variable that harmonizes the sampling weights for a select subset of the supplements of the original NHIS public use files. In this case, harmonization refers to putting weights from various years and source supplement files into a single, consistently named variable.</p> <p>The majority of weights included in SUPP1WT come from the supplement surveys for childhood immunization (years 1992-2003), smoking (1978-1980), family medical expenses (1975-1976), and AIDS knowledge and attitudes (1987-1995). In some cases, SUPP1WT represents a randomly selected person from a household; for</p>

example, a sample person age 18 and older was selected for the 1990 AIDS supplement. In other cases, the survey was also administered to all persons within a specific age group; for example, the 1998 childhood immunization supplement was administered to a sample child under 18 plus all children age 12-35 months. SUPP1WT represents the inverse probability of selection into a supplement, adjusted for non-response with additional post-stratification adjustments for age, race/ethnicity, and sex using the Census Bureau's population control totals.

Beginning in 2011, the weights included in SUPP1WT are associated with variables from the Functioning and Disability supplement.

Users should review the documentation for extracted variables--most notably the "Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year. See the User Notes on the use of sampling weights for additional information.

Concept:	Technical Person Variables -- PERSON
Start Position:	119
End Position:	127
Width:	9
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesSUPP1WT is a 9-digit-numeric variable. 0: Not in Universe

## Variable: "ASTATFLG"

Name:	ASTATFLG
Label:	Sample adult flag
Variable Text:	<p>ASTATFLG identifies the record of a sample adult. A sample adult is the one person over age 18 per household who is randomly selected to complete the sample adult questionnaire. For 1997-2018, a sample adult is the one adult per family who was selected at random by the computerized survey instrument to answer additional health-related questions, under the survey design instituted in 1997. All persons other than sample adults (those not having the value 1 in ASTATFLG) are coded as "not in universe" for variables derived from the additional questions asked only of sample adults. (Some additional questions were asked of both sample adults and sample children.) Every adult in each family, except for active duty armed forces members, was eligible to be selected as the sample adult.</p> <p>Prior to 2019, ASTATFLG has the value "no one selected as sample adult" (code 4) for all adults in the family in the following two cases: 1) sample adult status was incorrectly assigned to someone in the armed forces, or 2) it could not be ascertained which adult in the family was chosen as sample adult.</p> <p>For 2020 only, SALNGPRTFLG further distinguishes between sample adults included in the longitudinal sample and sample adults included in the partial sample. Please see the user note on COVID-related changes to the NHIS for more information on the longitudinal and</p>

	partial samples.
	A similar flag variable, CSTATFLG, identifies the record of a sample child.
	This variable is automatically included in all extracts, but only has valid values for 1997 forward.
Concept:	Technical Person Variables -- PERSON
Start Position:	128
End Position:	128
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	NIU
1	Sample adult, has record
2	Sample adult, no record
3	Not selected as sample adult
4	No one selected as sample adult
5	Armed forces member
6	AF member, selected as sample adult

### Variable: "CSTATFLG"

Name:	CSTATFLG
Label:	Sample child flag
Variable Text:	CSTATFLG identifies the record of a sample child. A sample child is the one person under age 18 per household who is randomly selected to complete the sample child questionnaire. For 1997-2018, the sample child is the one person under age 18 per family who was selected at random by the computerized survey instrument for additional health-related questions, under the survey design instituted in 1997. All persons other than sample children (those not having the value 1 in CSTATFLG) are coded as "not in universe" for variables derived from these additional questions asked only of sample

children. (Some additional questions were asked of both sample adults and sample children.)

Prior to 2019, Every child in each family, except for active duty armed forces members and emancipated minors, was eligible to be selected as the sample child. Emancipated minors are persons age 14 to 17 who are married or living with a partner OR who live on their own without the supervision of a parent, other adult family member, or legal guardian.

CSTATFLG has the value "no one selected as sample child" (code 4) for all children in the family in the following two cases prior to 2019: 1) if sample child status was incorrectly assigned to someone who was ineligible, or 2) if it was unknown which child in the family was chosen as sample child.

A similar flag variable, ASTATFLG, identifies the record of a sample adult.

This variable is automatically included in all extracts, but only has valid values for 1997 forward.

Concept:	Technical Person Variables -- PERSON
Start Position:	129
End Position:	129
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

#### Categories

Value	Label
0	NIU
1	Sample child-has record
2	Sample child-no record
3	Not selected as sample child
4	No one selected as sample child
5	Emancipated minor

#### Variable: "AGE"

Name:	AGE

Label:	Age
Variable Text:	AGE reports the individual's age, in years since their last birthday. Starting in 2019, "Unknown-refused" and "Unknown-don't know" are allowed responses. Prior to 2019 age is not coded as "unknown" for any persons included in the IPUMS NHIS data. As the public use file's codebooks for 1998-2003 state, "Because age is an important variable for instrument check items and in developing the weights, all respondents must have data on age."
Concept:	Core Demographic Variables -- PERSON
Start Position:	130
End Position:	132
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesAGE is a 3-digit-numeric variable.</p> <p>085: Top code for 85 years or older (1963-1968 and 1997-forward)      090: Top code for 90 years or older (1996 only)      099: Top code for 99 years or older (1969-1995)      997: Unknown-refused      998: Unknown-not ascertained      999: Unknown-don't know</p>

## Variable: "SEX"

Name:	SEX
Label:	Sex
Variable Text:	<p>SEX indicates whether the person was male or female.</p> <p>Starting in 2019, "Unknown-refused" and "Unknown-don't know" responses are allowed. Prior to 2019, SEX is not coded as "unknown" for any persons included in the IPUMS NHIS data.</p>
Concept:	Core Demographic Variables -- PERSON
Start Position:	133
End Position:	133
Width:	1
Variable	numeric

Format:													
Implied Decimal Places:	0												
<b>Categories</b>													
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>Male</td></tr> <tr> <td>2</td><td>Female</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	1	Male	2	Female	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label												
1	Male												
2	Female												
7	Unknown-refused												
8	Unknown-not ascertained												
9	Unknown-don't know												

## Variable: "SEXORIEN"

Name:	SEXORIEN
Label:	Sexual orientation
Variable Text:	<p>For sample adults ages 18 and older, SEXORIEN reports the person's sexual orientation. Respondents were asked "Which of the following best represents how you think of yourself?" Response options included: "gay" or "lesbian", "straight, that is, not lesbian or gay", "bisexual", "something else", and "I don't know the answer". The wording of the question differed slightly for men and women, with men being asked if they are "gay" or "straight, that is, not gay" and women being asked if they are "lesbian or gay" or "straight, that is, not lesbian or gay". Persons who responded "something else" or "I don't know the answer" were asked follow-up questions about what they meant by "something else" or "don't know," but due to sample size constraints, those responses are not included in the publicly-available data.</p> <p>SEXORIEN was first introduced in 2013. Users interested in learning more about the cognitive testing involved in developing the NHIS sexual orientation questions can refer to the NHIS question evaluation report.</p>
Concept:	Core Demographic Variables -- PERSON
Start Position:	134
End Position:	134
Width:	1
Variable Format:	numeric
Implied	0

Decimal Places:	
-----------------	--

**Categories**

Value	Label
0	NIU
1	Lesbian or gay
2	Straight, that is, not lesbian or gay
3	Bisexual
4	Something else
5	I don't know the answer
7	Unknown-refused
8	Unknown-not ascertained

**Variable: "MARSTAT"**

Name:	MARSTAT
Label:	Legal marital status
Variable Text:	MARSTAT reports the person's legal marital status.
Concept:	Core Demographic Variables -- PERSON
Start Position:	135
End Position:	136
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU
10	Married

11	Married - Spouse present
12	Married - Spouse not in household
13	Married - Spouse in household unknown
20	Widowed
30	Divorced
40	Separated
50	Never married
99	Unknown marital status

**Variable: "MARST"**

Name:	MARST
Label:	Current marital status
Variable Text:	MARST reports the person's current marital status.
Concept:	Core Demographic Variables -- PERSON
Start Position:	137
End Position:	138
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU
10	Married
11	Married - Spouse present
12	Married - Spouse not in household
13	Married - Spouse in household unknown
20	Widowed

30	Divorced
40	Separated
50	Never married
99	Unknown marital status

**Variable: "MARSTCOHAB"**

Name:	MARSTCOHAB
Label:	Marital status, including living with partner
Variable Text:	For sample adults (and, prior to 2019, for all persons), MARSTCOHAB reports the person's marital status, including living with a partner. For a person's legal marital status, see MARSTAT.
Concept:	Core Demographic Variables -- PERSON
Start Position:	139
End Position:	139
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	Married, spouse present
2	Married, spouse absent
3	Married, spouse in household unknown
4	Separated
5	Divorced
6	Widowed

7	Living with partner
8	Never married
9	Unknown marital status

**Variable: "COHABMARST"**

Name:	COHABMARST
Label:	Legal marital status of cohabiting person
Variable Text:	For persons age 14 and older who have ever been married and are living with a partner, COHABMARST reports the person's current legal marital status. Please see the Codes tab for response categories.
Concept:	Core Demographic Variables -- PERSON
Start Position:	140
End Position:	140
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	Married
2	Widowed
3	Divorced
4	Separated
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "COHABEVMAR"**

Name:	COHABEVMAR
Label:	Cohabiting person ever married
Variable Text:	For persons age 14 and older who are living with a partner, COHABEVMAR reports if the person has ever been married.
Concept:	Core Demographic Variables -- PERSON
Start Position:	141
End Position:	141
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	Not married
2	Married
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "MARRIEDDEV"**

Name:	MARRIEDDEV
Label:	Ever been married
Variable Text:	For sample adults who are living with a cohabiting partner, are unmarried, or living with a cohabiting partner and refused to say or don't know their current marital status, MARRIEDDEV indicates whether they have ever been married.
Concept:	Core Demographic Variables -- PERSON
Start	142

Position:															
End Position:	142														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-Refused</td></tr> <tr> <td>8</td><td>Unknown-Not ascertained</td></tr> <tr> <td>9</td><td>Unknown-Don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-Refused	8	Unknown-Not ascertained	9	Unknown-Don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-Refused														
8	Unknown-Not ascertained														
9	Unknown-Don't know														

## Variable: "SPOUSESEX"

Name:	SPOUSESEX
Label:	Sex of sample adult's spouse
Variable Text:	<p>For sample adults who are married (MARSTCOHAB), SPOUSESEX indicates whether the sample adult's spouse is male or female. The following information is gathered for the sample adult's spouse:</p> <p>SPOUSAGE: Age of sample adult's spouse</p> <p>SPOUSEDUC: Education level of sample adult's spouse</p> <p>SPOUSWRK: Sample adult's spouse works for pay at a job or business</p> <p>SPOUSWKFT: Sample adult's spouse works full time</p> <p>PRTNRSEX and PRTNRAGE report the sex and age of the sample adult's unmarried partner, respectively.</p>
Concept:	Core Demographic Variables -- PERSON
Start Position:	143

End Position:	143														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>Male</td></tr> <tr> <td>2</td><td>Female</td></tr> <tr> <td>7</td><td>Unknown - refused</td></tr> <tr> <td>8</td><td>Unknown - not ascertained</td></tr> <tr> <td>9</td><td>Unknown - don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Male	2	Female	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	Male														
2	Female														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

### Variable: "SPOUSAGE"

Name:	SPOUSAGE
Label:	Age of sample adult's spouse
Variable Text:	<p>For sample adults who are married (MARSTCOHAB), SPOUSAGE reports the age of the sample adult's spouse. This variable is bottom coded at 20 years or younger and top coded at 85 years or older. The following information is gathered for the sample adult's spouse:</p> <p>SPOUSESEX: Sex of sample adult's spouse</p> <p>SPOUSEDUC: Education level of sample adult's spouse</p> <p>SPOUSWRK: Sample adult's spouse works for pay at a job or business</p> <p>SPOUSWKFT: Sample adult's spouse works full time</p> <p>PRTNRSEX and PRTNRAGE report the sex and age of the sample adult's unmarried partner, respectively.</p>
Concept:	Core Demographic Variables -- PERSON
Start Position:	144
End Position:	145

Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
00	NIU
20	20 years or younger
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39

40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67

	68	68
	69	69
	70	70
	71	71
	72	72
	73	73
	74	74
	75	75
	76	76
	77	77
	78	78
	79	79
	80	80
	81	81
	82	82
	83	83
	84	84
	85	85+ years
	97	Unknown - refused
	98	Unknown - not ascertained
	99	Unknown - don't know

### Variable: "PRTNRSEX"

Name:	PRTNRSEX
Label:	Sex of sample adult's unmarried partner
Variable Text:	For sample adults who are living with an unmarried partner (MARSTCOHAB), PRTNRSEX indicates whether the sample adult's partner is male or female. PRTNRAGE reports the age of the sample adult's partner.  Please see SPOUSESEX for a list of variables collected about the sample adult's spouse.
Concept:	Core Demographic Variables -- PERSON

Start Position:	146														
End Position:	146														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>Male</td></tr> <tr> <td>2</td><td>Female</td></tr> <tr> <td>7</td><td>Unknown - refused</td></tr> <tr> <td>8</td><td>Unknown - not ascertained</td></tr> <tr> <td>9</td><td>Unknown - don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Male	2	Female	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	Male														
2	Female														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

## Variable: "PRTNRAGE"

Name:	PRTNRAGE
Label:	Age of sample adult's unmarried partner
Variable Text:	For sample adults who are living with an unmarried partner (MARSTCOHAB), PRTNRAGE indicates the age of the sample adult's partner. PRTNRSEX reports the sex of the sample adult's partner.
Concept:	Core Demographic Variables -- PERSON
Start Position:	147
End Position:	148
Width:	2
Variable	numeric

Format:

Implied  
Decimal  
Places:

0

**Categories**

Value	Label
00	NIU
20	20 years or younger
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41

42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
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57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69

	70	70
	71	71
	72	72
	73	73
	74	74
	75	75
	76	76
	77	77
	78	78
	79	79
	80	80
	81	81
	82	82
	83	83
	84	84
	85	85+ years
	97	Unknown - refused
	98	Unknown - not ascertained
	99	Unknown - don't know

## Variable: "RELATE"

Name:	RELATE
Label:	Relationship to householder
Variable Text:	<p>RELATE reports an individual's relationship to the householder.</p> <p>1969-1981 In 1969-1981, interviewers asked, "How is [person] related to --- (Head of household)?" The Field Representative's Manual for 1969-1981 says that some typical examples of "relationship entries are: wife, son, daughter, stepson, stepdaughter, father, mother, grandson, daughter-in-law, aunt, cousin, nephew, roomer, servant, hired hand, partner and maid." For the NHIS public use data files, the National Center for Health Statistics (NCHS) recoded the literal answers of the respondents into eight categories. In RELATE, the 1969-1981 public use categories "Unrelated individual living alone" and "Head of family or unrelated individual not living alone" are combined as "Householder." There was no unique category for non-relatives, as they were enumerated in separate family units and their presence was indicated only by their inclusion in the category of "Head of family or unrelated individual not living alone." The public use categories "Wife</p>

(husband living at home and not in Armed Forces)" and "Wife (husband living at home and is in Armed Forces)" are combined as "Spouse." In 1982-1996, interviewers asked, "What is [person's] relationship to (reference person)?" The Field Representative's Manual for 1982-1996 says that some typical examples of "relationship entries are: husband, wife, son, daughter, stepson, father, granddaughter, daughter-in-law, aunt, cousin, nephew, roomer, hired hand, partner, maid, [and] friend." For the NHIS public use data files, the NCHS recoded the literal answers of the respondents into ten categories, including "Don't know or refused" (1982-1991) and "Unknown" (1992-1996). In RELATE, the 1982-1996 public use categories "Reference person, living alone" and "Reference person, 2+ persons in household" are combined as "Householder." In addition, the public use categories "Spouse, other spouse not in Armed Forces and living at home" and "Spouse, other spouse in Armed Forces and living at home" are combined as "Spouse." With some exceptions, the RELATE category "Child of ineligible householder" refers to children of military personnel. Military personnel were not eligible to participate in the NHIS. In some instances, respondents over the age of 18 are classified as "Child of ineligible householder." In some instances, it appears that these are co-resident adult children of military personnel but in others - particularly in the 1992 sample - it is unclear why respondents were classified as "Child of ineligible householder." Users should exercise caution when using this category, and can refer to the variable COMIVIEW to ascertain whether the respondent lives in a military household. In 1997 forward, interviewers asked, "What is [person's] relationship to (reference person)?" Respondents selected the appropriate category from a card that retained the same content from 1997 forward. The words "(biological/adoptive/in-law/step/foster)" were printed after the categories "child," "parent," and "brother/sister" on the card. The Field Representative's Manual for 1997 forward instructed interviewers to treat unmarried couples (same-sex and opposite-sex) living together as unmarried partners. However, if the response of the couple (same-sex and opposite sex) was less explicit, such as "we share an apartment" or "we room together," the interviewer was instructed to treat them as housemates/roommates. Finally, if two persons of the same sex (two males or two females) considered themselves as married, the interviewer was instructed to treat them as married.

Concept:	Family Interrelationships Variables -- PERSON
Start Position:	149
End Position:	150
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

#### Categories

Value	Label
10	Householder
20	Spouse
21	Spouse, other spouse at home and NOT in Armed forces
22	Spouse, other spouse at home and in Armed Forces

30	Unmarried partner
40	Child
41	Child (bio/adopt/in-law/step/foster) of householder
43	Child of partner
44	Child of ineligible householder
50	Other relative 1 (not wife, child)
60	Grandchild
70	Other relative 2 (not grandkid, child, spouse, parent)
71	Parent (bio/adopt/in-law/step/foster) of householder
72	Brother/sister (bio/adopt/in-law/step/foster)
73	Grandparent (Grandma/Grandpa)
74	Aunt/uncle
75	Niece/nephew
76	Other relative 3 (no named category)
80	Nonrelative
81	Housemate/roommate
82	Roomer/boarder
83	Legal guardian
84	Ward
85	Other nonrelative
90	Unknown
96	Unknown - Don't know or refused
97	Unknown-Refused
98	Unknown - Not ascertained
99	Unknown-Don't know

### Variable: "FAMSIZE"

Name:	FAMSIZE

Label:	Number of persons in family
Variable Text:	<p>For sample adults and sample children, FAMSIZE reports the number of persons in a family. FAMSIZE is generated by the National Center for Health Statistics, rather than based on a direct question to survey respondents. Prior to 2019, FAMSIZE is available for all persons.</p> <p>Analysts who wish to know the number of person records for a given household may wish to use the NUMPREC (available 1963-2018) variable which was generated by the IPUMS NHIS project. The values for NUMPREC do not always agree with those for FAMSIZE. For example, a one-person household consistently has the value "1" in NUMPREC, while, as discussed below, a one-person household is coded "0" in FAMSIZE prior to 1982.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	151
End Position:	152
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesFAMSIZE is a 2-digit numeric variable.</p> <p>00: Unrelated individuals (1969-1981)      06: Top code for 6 or more people (2019-forward)      98: Unknown-not ascertained      99: NIU</p>

## Variable: "FAMREL"

Name:	FAMREL
Label:	Relationship to family reference person
Variable Text:	For all persons, FAMREL reports the person's relationship to the reference person or householder.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	153
End Position:	154
Width:	2
Variable Format:	numeric

Implied Decimal  
Places:

0

**Categories**

<b>Value</b>	<b>Label</b>
01	Family reference person
02	Spouse
03	Unmarried partner
04	Child (biological/adoptive/in-law/step/foster)
05	Child of partner
06	Grandchild
07	Parent (biological/adoptive/in-law/ste/foster)
08	Brother/sister (biological/adoptive/in-law/step/foster)
09	Grandmother/Grandfather
10	Aunt/Uncle
11	Niece/nephew
12	Other relative
13	Housemate/roommate
14	Roomer/boarder
15	Other nonrelative
16	Legal guardian
17	Ward
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

**Variable: "MOMLOC"**

Name:	MOMLOC
Label:	Person number of first mother (from programming)

Variable Text:	MOMLOC is a constructed variable that indicates whether the person's mother lived in the same household and, if so, gives the person number of the mother (PERNUM). The method by which probable child-mother links are identified is described in MOMRULE.  MOMLOC makes it easy for researchers to link the characteristics of children and their (probable) mothers.  User Caution: MOMLOC identifies social relationships (such as stepmother and adoptive mother) as well as biological relationships. MOMLOC will also identify the unmarried partner of a child's father identified with POPLOC. If the person identified with MOMLOC has a spouse or partner identified through SPLOC, the spouse or partner will also be identified as a parent through POPLOC (if a different-sex couple) or MOMLOC2 (if a same-sex couple). POPRULE and MOM2RULE will communicate the method through which those relationships are identified.				
Concept:	Family Interrelationships Variables -- PERSON				
Start Position:	155				
End Position:	156				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 2px;">Value</th><th style="text-align: center; padding: 2px;">Label</th></tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">00</td><td style="text-align: left; padding: 2px;">No mother assigned.</td></tr> </tbody> </table>		Value	Label	00	No mother assigned.
Value	Label				
00	No mother assigned.				

## Variable: "MOMRULE"

Name:	MOMRULE
Label:	Rule for linking first mother
Variable Text:	<p>MOMRULE is a constructed variable that indicates the method by which the probable child-mother link shown in MOMLOC was identified.</p> <p>The IPUMS family interrelationship variables address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, when links are not unique we use a series of logical steps to select between multiple potential parents. MOMRULE, POPRULE, MOM2RULE, and POP2RULE are all two digit variables that show how these two types of ambiguity were addressed when forming a parental link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected.</p> <p>We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The links in the first priority level are direct links,</p>

so there are no age restrictions placed on these links. For links in the second priority level, the difference in the age of the "child" half of the link the "parent" half of the link must be 15 to 44 for mothers and 15 to 60 for fathers. For links in the third through fifth level, the same age difference restrictions apply. In addition, third- through fifth-level links only occur when the "child" half of the link is under 22 and is single. The spouse or partner of someone's parent will be identified as their parent in the same step. For example, the child of the householder is a direct link to the householder; the partner of the head will also be identified as the child's parent in this same step.

Direct links:

Parental rule value: 1-

Child to Householder

Child of partner to Partner

Householder to Parent

Sibling to Parent

Spouse to Parent-in-law

2nd level links

Parental rule value: 2-

Grandchild to Child

Child to Spouse, Partner

Niece/Nephew to Sibling, Sibling-in-law

Parent to Grandparent

3rd level links

Parental rule value: 3-

Grandchild to Child-in-law

Housemate to Housemate

Roomer to Roomer

Non-relative to Non-relative

Other relative to Other relative, Aunt/Uncle, Niece/Nephew (for years 1969 to present)

Unknown to Unknown

4th level links

Parental rule value: 4-

Other relative to Child, Other relative (for years 1963 to 1968)

The allowed relationship links for determining a person's probable parent vary over time because of the level of detail collected regarding the relationship to the reference person. For example, in 1963 to 1986, there was no "Grandchild" option. In these early years, a child of the householder can be identified as the parent to an "other relative," although this is not allowed in more recent samples because there is more detail collected about the relationship to the reference person.

While the first step to finding a parental link is based on their relationship to the reference person, this may not enough to uniquely determine the link. It is not uncommon for a person to be in a household where there are multiple people who could be their parent. To be able to select among multiple potential links, we apply a set of logical steps within each priority level that selects among multiple potential links. This information is captured in the second digit of MMRULE.

As shown in the list below, parental links that are direct are made first, because these links are unique. For example, a person identified as the child of the householder will link directly to the householder. For those who were not linked to a parent through a direct link, the second step identifies people in households where there is one married couple who could be their parents. If there are multiple people who could pair to multiple married parents, they are split by age; for example, the eldest children will pair with the eldest couple. If there are no married couples that are possible parents, people who were previously married are selected as parents. If there are no parents who were previously married, the eldest single woman will be identified as the parent. The last potential parent who will be identified is a single man.

#### Clarity level 1

Parental rule value: -1

This step identifies parents through links that are uniquely identified by relationship (direct links from previous list).

#### Clarity level 2

Parental rule value: -2

When a person is in a household where there is one married couple who could be his/her parents. This couple is identified as the probable parents.

#### Clarity level 3

Parental rule value: -3

When a person is in a household where there is are multiple married couples who could be his/her parents. Age is used to create pairings.

#### Clarity level 4

Parental rule value: -4

When a person is in a household with no married couple who could be their parent, but there is only one potential unmarried parent in the household. This person is identified as their parent.

#### Clarity level 5

Parental rule value: -5

When a person is in a household with no married couple who could be their parent and there are multiple possible parents. The first option selected is a woman who was previously married.

#### Clarity level 6

Parental rule value: -6

When a person is in a household with no married couple who could be their parent, there is no previously married woman who would be their parent, and there are multiple possible parents. This step will identify a man who was previously married as the parent.

#### Clarity level 7

Parental rule value: -7

When a person is in a household with no married couple or previously married people who could be their parent. In this step, the eldest single woman is selected as the parent.

Clarity level 8

Parental rule value: -8

When a person is in a household with no married couple, previously married people, or single women who could be their parent. In this step, the eldest single man is selected as the parent.

The two steps together determine the value of MOMRULE. For example, in a household consisting of a householder, a female child, and a grandchild, the daughter will be identified as the grandchild's mother with MOMLOC. This link happens with priority 2 during clarity level 4. MOMRULE would therefore be 24.

In 2016, the family interrelationship variables for all samples were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables.

The pre-2016 version of MOMLOC, MOMRULE, and other IPUMS family interrelationship variables are available here.

Concept:	Family Interrelationships Variables -- PERSON				
Start Position:	157				
End Position:	158				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No mother assigned.</td> </tr> </tbody> </table>		Value	Label	00	No mother assigned.
Value	Label				
00	No mother assigned.				

## Variable: "MOMLOC2"

Name:	MOMLOC2
Label:	Person number of second mother (from programming)
Variable	MOMLOC2 is a constructed variable that indicates whether the person has two mothers

Text:	<p>who live in the same household and, if so, gives the person number of the second mother (PERNUM). This variable is only non-zero when the parents identified for a child are both women. The method by which probable child-mother links are identified is described in MOM2RULE.</p> <p>MOMLOC2 makes it easy for researchers to link the characteristics of children and their (probable) mothers.</p> <p>If the person identified with MOMLOC2 has a spouse or partner identified through SPLOC, the spouse or partner will also be identified as a parent through MOMLOC. MOMRULE will communicate the method through which those relationships are identified.</p>				
Concept:	Family Interrelationships Variables -- PERSON				
Start Position:	159				
End Position:	160				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>00</td><td>No mother assigned.</td></tr> </tbody> </table>		Value	Label	00	No mother assigned.
Value	Label				
00	No mother assigned.				

## Variable: "MOM2RULE"

Name:	MOM2RULE
Label:	Rule for linking second mother
Variable Text:	<p>MOM2RULE is a constructed variable that indicates the method by which the probable child-mother link shown in MOMLOC2 was identified. MOMLOC2 is only non-zero when the parents identified for a person are both men. The person identified in MOMLOC2 will be the spouse or partner (SPLOC) of the person identified with MOMLOC.</p> <p>The IPUMS family interrelationship variables address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, when links are not unique we use a series of logical steps to select between multiple potential parents. MOMRULE, POPRULE, MOM2RULE, and POP2RULE are all two digit variables that show how these two types of ambiguity were addressed when forming a parental link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected.</p> <p>We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The links in the first priority level are direct links, so there are no age restrictions placed on these links. For links in the second priority</p>

level, the difference in the age of the "child" half of the link the "parent" half of the link must be 15 to 44 for mothers and 15 to 60 for fathers. For links in the third through fifth level, the same age difference restrictions apply. In addition, third- through fifth-level links only occur when the "child" half of the link is under 22 and is single. The spouse or partner of someone's parent will be identified as their parent in the same step. For example, the child of the householder is a direct link to the householder; the partner of the head will also be identified as the child's parent in this same step.

Direct links:

Parental rule value: 1-

Child to Householder

Child of Partner to Partner

Householder to Parent

Sibling to Parent

Spouse to Parent-in-law

2nd level links

Parental rule value: 2-

Grandchild to Child

Child to Spouse, Partner

Niece/Nephew to Sibling, Sibling-in-law

Parent to Grandparent

3rd level links

Parental rule value: 3-

Grandchild to Child-in-law

Housemate to Housemate

Roomer to Roomer

Non-relative to Non-relative

Other relative to Other relative, Aunt/Uncle, Niece/Nephew (for years 1969 to present)

Unknown to Unknown

4th level links

Parental rule value: 4-

Other relative to Child, Other relative (for years 1963 to 1968)

The allowed relationship links for determining a person's probable parent vary over time

because of the level of detail collected regarding the relationship to the reference person. For example, in 1963 to 1986, there was no "Grandchild" option. In these early years, a child of the householder can be identified as the parent to an "other relative," although this is not allowed in more recent samples because there is more detail collected about the relationship to the reference person.

While the first step to finding a spouse or parental link is based on their relationship to the reference person, this may not enough to uniquely determine the link. It is not uncommon for a person to be in a household where there are multiple people who could be their parent. To be able to select among multiple potential links, we apply a set of logical steps within each priority level that selects among multiple potential links. This information is captured in the second digit of MOM2RULE.

As shown in the list below, parental links that are direct are made first, because these links are unique. For example, a person identified as the child of the householder will link directly to the householder. For those who were not linked to a parent through a direct link, the second step identifies people in households where there is one married couple who could be their parents. If there are multiple people who could pair to multiple married parents, they are split by age; for example, the eldest children will pair with the eldest couple. If there are no married couples that are possible parents, people who were previously married are selected as parents. If there are no parents who were previously married, the eldest single woman will be identified as the parent. The last potential parent who will be identified is a single man.

#### Clarity level 1

Parental rule value: -1

This step identifies parents through links that are uniquely identified by relationship (direct links from previous list).

#### Clarity level 2

Parental rule value: -2

When a person is in a household where there is one married couple who could be his/her parents. This couple is identified as the probable parents.

#### Clarity level 3

Parental rule value: -3

When a person is in a household where there is are multiple married couples who could be his/her parents. Age is used to create pairings.

#### Clarity level 4

Parental rule value: -4

When a person is in a household with no married couple who could be their parent, but there is only one potential unmarried parent in the household. This person is identified as their parent.

#### Clarity level 5

Parental rule value: -5

When a person is in a household with no married couple who could be their parent and there are multiple possible parents. The first option selected is a woman who was previously married.

#### Clarity level 6

Parental rule value: -6

When a person is in a household with no married couple who could be their parent, there is no previously married woman who would be their parent, and there are multiple possible parents. This step will identify a man who was previously married as the parent.

#### Clarity level 7

Parental rule value: -7

When a person is in a household with no married couple or previously married people who could be their parent. In this step, the eldest single woman is selected as the parent.

Clarity level 8

Parental rule value: -8

When a person is in a household with no married couple, previously married people, or single women who could be their parent. In this step, the eldest single man is selected as the parent.

The two steps together determine the value of MOM2RULE. For example, in a household consisting of a female householder, a female unmarried partner, and a child, the householder will be identified as the child's first mother with MOMLOC and the partner will be identified with MOMLOC2. Both links happen with priority 1 during clarity level 1. MOMRULE and MOM2RULE would therefore be 11.

In 2016, the family interrelationship variables for all samples were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables.

The pre-2016 version of MOMLOC, MOMRULE, and other IPUMS family interrelationship variables are available here.

Concept:	Family Interrelationships Variables -- PERSON				
Start Position:	161				
End Position:	162				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No mother assigned.</td> </tr> </tbody> </table>		Value	Label	00	No mother assigned.
Value	Label				
00	No mother assigned.				

## Variable: "POPLOC"

Name:	POPLOC
Label:	Person number of first father (from programming)
Variable	POPLOC is a constructed variable that indicates whether the person's father lived in the

Text:	<p>same household and, if so, gives the person number of the father (PERNUM). The method by which probable child-father links are identified is described in POPRULE.</p> <p>POPLOC makes it easy for researchers to link the characteristics of children and their (probable) fathers.</p> <p>User Caution: POPLOC identifies social relationships (such as stepfather and adoptive father) as well as biological relationships. POPLOC will also identify the unmarried partner of a child's mother identified with MOMLOC. If the person identified with POPLOC has a spouse or partner identified through SPLOC, the spouse or partner will also be identified as a parent through MOMLOC (if a different-sex couple) or POPLOC2 (if a same-sex couple). POP2RULE and MOMRULE will communicate the method through which those relationships are identified.</p>				
Concept:	Family Interrelationships Variables -- PERSON				
Start Position:	163				
End Position:	164				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>00</td><td>No father assigned.</td></tr> </tbody> </table>		Value	Label	00	No father assigned.
Value	Label				
00	No father assigned.				

## Variable: "POPRULE"

Name:	POPRULE
Label:	Rule for linking first father
Variable Text:	<p>POPRULE is a constructed variable that indicates the method by which the probable child-mother link shown in POPLOC was identified.</p> <p>The IPUMS family interrelationship variables address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, when links are not unique we use a series of logical steps to select between multiple potential parents. MOMRULE, POPRULE, MOM2RULE, and POP2RULE are all two digit variables that show how these two types of ambiguity were addressed when forming a parental link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected.</p> <p>We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The links in the first priority level are direct links, so there are no age restrictions placed on these links. For links in the second priority</p>

level, the difference in the age of the "child" half of the link the "parent" half of the link must be 15 to 44 for mothers and 15 to 60 for fathers. For links in the third through fifth level, the same age difference restrictions apply. In addition, third- through fifth-level links only occur when the "child" half of the link is under 22 and is single. The spouse or partner of someone's parent will be identified as their parent in the same step. For example, the child of the householder is a direct link to the householder; the partner of the head will also be identified as the child's parent in this same step.

Direct links:

Parental rule value: 1-

Child to Householder

Child of partner to Partner

Householder to Parent

Sibling to Parent

Spouse to Parent-in-law

2nd level links

Parental rule value: 2-

Grandchild to Child

Child to Spouse, Partner

Niece/Nephew to Sibling, Sibling-in-law

Parent to Grandparent

3rd level links

Parental rule value: 3-

Grandchild to Child-in-law

Housemate to Housemate

Roomer to Roomer

Non-relative to Non-relative

Other relative to Other relative, Aunt/Uncle, Niece/Nephew (for years 1969 to present)

Unknown to Unknown

4th level links

Parental rule value: 4-

Other relative to Child, Other relative (for years 1963 to 1968)

The allowed relationship links for determining a person's probable parent vary over time

because of the level of detail collected regarding the relationship to the reference person. For example, in 1963 to 1986, there was no "Grandchild" option. In these early years, a child of the householder can be identified as the parent to an "other relative," although this is not allowed in more recent samples because there is more detail collected about the relationship to the reference person.

While the first step to finding a spouse or parental link is based on their relationship to the reference person, this may not enough to uniquely determine the link. It is not uncommon for a person to be in a household where there are multiple people who could be their parent. To be able to select among multiple potential links, we apply a set of logical steps within each priority level that selects among multiple potential links. This information is captured in the second digit of POPRULE.

As shown in the list below, parental links that are direct are made first, because these links are unique. For example, a person identified as the child of the householder will link directly to the householder. For those who were not linked to a parent through a direct link, the second step identifies people in households where there is one married couple who could be their parents. If there are multiple people who could pair to multiple married parents, they are split by age; for example, the eldest children will pair with the eldest couple. If there are no married couples that are possible parents, people who were previously married are selected as parents. If there are no parents who were previously married, the eldest single woman will be identified as the parent. The last potential parent who will be identified is a single man.

#### Clarity level 1

Parental rule value: -1

This step identifies parents through links that are uniquely identified by relationship (direct links from previous list).

#### Clarity level 2

Parental rule value: -2

When a person is in a household where there is one married couple who could be his/her parents. This couple is identified as the probable parents.

#### Clarity level 3

Parental rule value: -3

When a person is in a household where there is are multiple married couples who could be his/her parents. Age is used to create pairings.

#### Clarity level 4

Parental rule value: -4

When a person is in a household with no married couple who could be their parent, but there is only one potential unmarried parent in the household. This person is identified as their parent.

#### Clarity level 5

Parental rule value: -5

When a person is in a household with no married couple who could be their parent and there are multiple possible parents. The first option selected is a woman who was previously married.

#### Clarity level 6

Parental rule value: -6

When a person is in a household with no married couple who could be their parent, there is no previously married woman who would be their parent, and there are multiple possible parents. This step will identify a man who was previously married as the parent.

#### Clarity level 7

Parental rule value: -7

When a person is in a household with no married couple or previously married people who could be their parent. In this step, the eldest single woman is selected as the parent.

Clarity level 8

Parental rule value: -8

When a person is in a household with no married couple, previously married people, or single women who could be their parent. In this step, the eldest single man is selected as the parent.

The two steps together determine the value of POPRULE. For example, in a household consisting of a householder, a male child, and a grandchild, the son will be identified as the grandchild's father with POPLOC. This link happens with priority 2 during clarity level 4. POPRULE would therefore be 24.

In 2016, the family interrelationship variables for all samples were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables.

The pre-2016 version of POPLOC, POPRULE, and other IPUMS family interrelationship variables are available here.

Concept:	Family Interrelationships Variables -- PERSON
Start Position:	165
End Position:	166
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	No father assigned.

### Variable: "POPLOC2"

Name:	POPLOC2
Label:	Person number of second father (from programming)
Variable Text:	POPLOC2 is a constructed variable that indicates whether the person has two fathers who live in the same household and, if so, gives the person number of the second father

	(PERNUM). This variable is only non-zero when the parents identified for a child are both men. The method by which probable child-father links are identified is described in POP2RULE.				
	POPLOC2 makes it easy for researchers to link the characteristics of children and their (probable) fathers.				
	If the person identified with POPLOC2 has a spouse or partner identified through SPLOC, the spouse or partner will also be identified as a parent through POPLOC. POPRULE will communicate the method through which those relationships are identified.				
Concept:	Family Interrelationships Variables -- PERSON				
Start Position:	167				
End Position:	168				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>00</td><td>No father assigned.</td></tr> </tbody> </table>		Value	Label	00	No father assigned.
Value	Label				
00	No father assigned.				

## Variable: "POP2RULE"

Name:	POP2RULE
Label:	Rule for linking second father
Variable Text:	<p>POP2RULE is a constructed variable that indicates the method by which the probable child-mother link shown in POPLOC2 was identified. POPLOC2 is only non-zero when the parents identified for a person are both men. The person identified in POPLOC2 will be the spouse or partner (SPLOC) of the person identified with POPLOC.</p> <p>The IPUMS family interrelationship variables address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, when links are not unique we use a series of logical steps to select between multiple potential parents. MOMRULE, POPRULE, MOM2RULE, and POP2RULE are all two digit variables that show how these two types of ambiguity were addressed when forming a parental link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected.</p> <p>We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The links in the first priority level are direct links, so there are no age restrictions placed on these links. For links in the second priority level, the difference in the age of the "child" half of the link the "parent" half of the link</p>

must be 15 to 44 for mothers and 15 to 60 for fathers. For links in the third through fifth level, the same age difference restrictions apply. In addition, third- through fifth-level links only occur when the "child" half of the link is under 22 and is single. The spouse or partner of someone's parent will be identified as their parent in the same step. For example, the child of the householder is a direct link to the householder; the partner of the head will also be identified as the child's parent in this same step.

Direct links:

Parental rule value: 1-

Child to Householder

Child of Partner to Partner

Householder to Parent

Sibling to Parent

Spouse to Parent-in-law

2nd level links

Parental rule value: 2-

Grandchild to Child

Child to Spouse, Partner

Niece/Nephew to Sibling, Sibling-in-law

Parent to Grandparent

3rd level links

Parental rule value: 3-

Grandchild to Child-in-law

Housemate to Housemate

Roomer to Roomer

Non-relative to Non-relative

Other relative to Other relative, Aunt/Uncle, Niece/Nephew (for years 1969 to present)

Unknown to Unknown

4th level links

Parental rule value: 4-

Other relative to Child, Other relative (for years 1963 to 1968)

The allowed relationship links for determining a person's probable parent vary over time because of the level of detail collected regarding the relationship to the reference person.

For example, in 1963 to 1986, there was no "Grandchild" option. In these early years, a child of the householder can be identified as the parent to an "other relative," although this is not allowed in more recent samples because there is more detail collected about the relationship to the reference person.

While the first step to finding a spouse or parental link is based on their relationship to the reference person, this may not enough to uniquely determine the link. It is not uncommon for a person to be in a household where there are multiple people who could be their parent. To be able to select among multiple potential links, we apply a set of logical steps within each priority level that selects among multiple potential links. This information is captured in the second digit of POP2RULE.

As shown in the list below, parental links that are direct are made first, because these links are unique. For example, a person identified as the child of the householder will link directly to the householder. For those who were not linked to a parent through a direct link, the second step identifies people in households where there is one married couple who could be their parents. If there are multiple people who could pair to multiple married parents, they are split by age; for example, the eldest children will pair with the eldest couple. If there are no married couples that are possible parents, people who were previously married are selected as parents. If there are no parents who were previously married, the eldest single woman will be identified as the parent. The last potential parent who will be identified is a single man.

#### Clarity level 1

Parental rule value: -1

This step identifies parents through links that are uniquely identified by relationship (direct links from previous list).

#### Clarity level 2

Parental rule value: -2

When a person is in a household where there is one married couple who could be his/her parents. This couple is identified as the probable parents.

#### Clarity level 3

Parental rule value: -3

When a person is in a household where there are multiple married couples who could be his/her parents. Age is used to create pairings.

#### Clarity level 4

Parental rule value: -4

When a person is in a household with no married couple who could be their parent, but there is only one potential unmarried parent in the household. This person is identified as their parent.

#### Clarity level 5

Parental rule value: -5

When a person is in a household with no married couple who could be their parent and there are multiple possible parents. The first option selected is a woman who was previously married.

#### Clarity level 6

Parental rule value: -6

When a person is in a household with no married couple who could be their parent, there is no previously married woman who would be their parent, and there are multiple possible parents. This step will identify a man who was previously married as the parent.

#### Clarity level 7

Parental rule value: -7

When a person is in a household with no married couple or previously married people who could be their parent. In this step, the eldest single woman is selected as the parent.

Clarity level 8

Parental rule value: -8

When a person is in a household with no married couple, previously married people, or single women who could be their parent. In this step, the eldest single man is selected as the parent.

The two steps together determine the value of POP2RULE. For example, in a household consisting of a male householder, a male unmarried partner, and a child, the householder will be identified as the child's first father with POPLOC and the partner will be identified with POPLOC2. Both links happen with priority 1 during clarity level 1. POPRULE and POP2RULE would therefore be 11.

In 2016, the family interrelationship variables for all samples were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables.

The pre-2016 version of POPLOC, POPRULE, and other IPUMS family interrelationship variables are available [here](#).

Concept:	Family Interrelationships Variables -- PERSON
Start Position:	169
End Position:	170
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	No father assigned.

## Variable: "SPLOC"

Name:	SPLOC
Label:	Person number of spouse (from programming)
Variable Text:	SPLOC is a constructed variable that indicates whether the person's spouse or partner lived in the same household and, if so, gives the person number (PERNUM) of the

spouse/partner. The method by which probable spouse-spouse links are identified is described in SPRULE.

SPLOC makes it easy for researchers to link the characteristics of (probable) spouses. &nbsp;NHIS also offers the variable SPOUSEPNUM, which indicates the person number (PX) of every married person's spouse from 2006 and forward. Note that PX must be used with YEAR, HHX, and FMX to uniquely identify members of a household.

SPLOC is the IPUMS NHIS-constructed spouse or partner location variable and refers to PERNUM. Similarly, PERNUM should be used with YEAR, SERIAL, and FAMNUMR to uniquely identify each household member in the data.

Concept:	Family Interrelationships Variables -- PERSON
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Start Position:	171
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End Position:	172
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Width:	2
--------	---

Variable Format:	numeric
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Implied Decimal Places:	0
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### **Categories**

<b>Value</b>	<b>Label</b>
00	No spouse assigned.
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11

12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25

## Variable: "SPRULE"

Name:	SPRULE
Label:	Rule for linking spouse
Variable Text:	<p>SPRULE is a constructed variable that indicates the method used to assign probable spouse and partner links in SPLOC.</p> <p>Each of the two digits of SPRULE indicates our confidence in the assigned probable spouse and partner link. The first digit reflects the specificity of the relationship between the spouses or partners and the second digit reflects the household composition.</p> <p><b>SPRULE First Digit Significance</b></p> <p><b>Specificity Example</b></p> <p>1 A definitive relationship. Child to child-in-law.</p> <p>2 Could link to multiple different relationship types. Child to other relative.</p> <p>3 A valid but unclear relationship link. Child to a child.</p> <p><b>SPRULE Second Digit Significance</b></p>

	<p>Household composition Example</p> <p>1 Only one potential spouse or partner. Note that this includes same-sex couples. One married child and one married child-in-law.</p> <p>2 More than one potential spouse, but only one of the opposite sex. Same-sex couples will not be identified in this step. One married female child, one married male child, one married male child-in-law, and one married female child-in-law.</p> <p>3 Multiple opposite sex spouse/partner options available; potential matches were sorted by age and matched. Same-sex couples will not be identified in this step. Two married female children and two married male children-in-law.</p> <p>4 Two people in the household who are married or partnered, the same age, the same sex, and able to marry the same people; location in the household will be used to select spouses. Same-sex couples will not be identified in this step. Two married female children who are both 35; location in household will be used to select between the two male children-in-law.</p> <p>5 or 6 Multiple potential spouse/partner options available and the potential links are same-sex. These links are suspect and rare.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	173
End Position:	174
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	No spouse assigned.
11	Rule 11 is used to identify spouse/partner
12	Rule 12 is used to identify spouse/partner
13	Rule 13 is used to identify spouse/partner
14	Rule 14 is used to identify spouse/partner

15	Rule 15 is used to identify spouse/partner
16	Rule 16 is used to identify spouse/partner
21	Rule 21 is used to identify spouse/partner
22	Rule 22 is used to identify spouse/partner
23	Rule 23 is used to identify spouse/partner
24	Rule 24 is used to identify spouse/partner
25	Rule 25 is used to identify spouse/partner
26	Rule 26 is used to identify spouse/partner
31	Rule 31 is used to identify spouse/partner
32	Rule 32 is used to identify spouse/partner
33	Rule 33 is used to identify spouse/partner
34	Rule 34 is used to identify spouse/partner
35	Rule 35 is used to identify spouse/partner
36	Rule 36 is used to identify spouse/partner
41	Rule 41 is used to identify spouse/partner
42	Rule 42 is used to identify spouse/partner
43	Rule 43 is used to identify spouse/partner
44	Rule 44 is used to identify spouse/partner
45	Rule 45 is used to identify spouse/partner
46	Rule 46 is used to identify spouse/partner

### Variable: "**SPLIVEHERE**"

Name:	SPLIVEHERE
Label:	Spouse lives in household
Variable Text:	SPLIVEHERE indicates whether, for married sample adults, their spouse lives in the household.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	175
End Position:	175

Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-Refused
8	Unknown-Not Ascertained
9	Unknown-Don't Know

### Variable: "SPNOTHERSEP"

Name:	SPNOTHERSEP
Label:	Spouse does not reside in household due to legal separation
Variable Text:	SPNOTHERSEP indicates whether, for married sample adults whose spouse does not live with them (SPLIVEHERE), their spouse does not live in the same household because they are legally separated.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	176
End Position:	176
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-Refused
8	Unknown-Not ascertained
9	Unknown-Don't know

## Variable: "PARTNERED"

Name:	PARTNERED
Label:	Education of cohabiting or unmarried partner
Variable Text:	For sample adults living with a cohabiting partner (MARSTCOHAB), PARTNERED reports the highest level of education that the cohabiting partner completed.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	177
End Position:	178
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	NIU
01	Grade 0-11
02	12th grade, no diploma
03	GED or equivalent

04	High School graduate
05	Some college, no degree
06	Associate degree: occupational, technical, or vocational program
07	Associate degree: academic program
08	Bachelor's degree
09	Master's degree
10	Professional School degree
11	Doctoral degree
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "PARTNEREMP"

Name:	PARTNEREMP		
Label:	Employment status of cohabiting or unmarried partner		
Variable Text:	For sample adults with a cohabiting or unmarried partner and the cohabiting partner's age is not refused or unknown, PARTNEREMP reports the employment status of the cohabiting partner.		
Concept:	Family Interrelationships Variables -- PERSON		
Start Position:	179		
End Position:	179		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "PARTNEREMPFT"**

Name:	PARTNEREMPFT
Label:	Cohabiting or unmarried partner is employed full time
Variable Text:	For sample adults who have a cohabiting or unmarried partner (MARSTCOHAB) and the cohabiting partner's age is not refused or unknown and they are employed (PARTNEREMP), PARTNEREMPFT reports whether they were employed full time. Working 35 or more hours per week is considered full time.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	180
End Position:	180
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained

9

Unknown-don't know

**Variable: "ISPARENT"**

Name:	ISPARENT
Label:	Sample adult is a parent of minor co-residential child
Variable Text:	For sample adults, ISPARENT reports whether the sample adult is the parent of minor co-resident children, there are minor co-resident children but the sample adult is not their parent, or there are no minor co-resident children in the family.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	181
End Position:	181
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	Yes, sample adult is parent of child residing in the family
2	There are minor children residing in the family but sample adult is not their parent
3	There are no minor children residing in the family
9	Unknown

**Variable: "ISPARENTSC"**

Name:	ISPARENTSC
Label:	Sample adult is the parent of the sample child
Variable Text:	For sample adults and sample children, ISPARENTSC reports the whether the sample adult is the sample child's parent.

Concept:	Family Interrelationships Variables -- PERSON
Start Position:	182
End Position:	182
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	NIU
1	Sample adult is the parent of sample child
2	Sample adult is not parent of sample child
3	No sample child in sample adult's family OR sample adult in sample child's family
9	Unknown

### Variable: "NCHILD"

Name:	NCHILD
Label:	Number of own children (from programming)
Variable Text:	<p>NCHILD counts the number of own children (of any age or marital status) residing with each individual. NCHILD includes step-children and adopted children as well as biological children. Persons with no children present are coded 0.</p> <p>Note that NCHILD is an IPUMS-derived variable using IPUMS-derived family interrelationships.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	183
End Position:	183
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	0 children present
1	1 child present
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9+

### Variable: "NCHLT5"

Name:	NCHLT5
Label:	Number of own children less than 5 years old (from programming)
Variable Text:	<p>NCHLT5 counts the number of own children age 4 and under residing with each individual. NCHLT5 includes step-children and adopted children as well as biological children. Persons with no children under 5 present are coded 0.</p> <p>Note that NCHLT5 is an IPUMS-derived variable using IPUMS-derived family interrelationships.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	184
End Position:	184
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	No children under age 5
1	1 child under age 5
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9+

### Variable: "YNGCH"

Name:	YNGCH
Label:	Age of youngest own child (from programming)
Variable Text:	<p>YNGCH reports the age of the youngest own child (if any) residing with each individual, regardless of the child's age or marital status. The highest legitimate age for YNGCH is 98. YNGCH includes step-children and adopted children as well as biological children. Persons with no own children present are coded 99.</p> <p>Note that YNGCH is an IPUMS-derived variable using IPUMS-derived family interrelationships.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	185
End Position:	186
Width:	2
Variable Format:	numeric

Implied Decimal Places:	0
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**Categories**

Value	Label
00	Less than 1 year old
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22

23	23
24	24
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28	28
29	29
30	30
31	31
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34	34
35	35
36	36
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38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50

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67	67
68	68
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70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78

79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	NIU

### Variable: "NSIBS"

Name:	NSIBS
Label:	Number of own siblings in the household (from programming)
Variable Text:	<p>NSIBS counts the number of own siblings (including half-siblings, step-siblings, and adopted siblings) residing with each individual. Persons with no siblings present are coded 0.</p> <p>Note that NSIBS is an IPUMS-derived variable using IPUMS-derived family interrelationships.</p>

Concept:	Family Interrelationships Variables -- PERSON																						
Start Position:	187																						
End Position:	187																						
Width:	1																						
Variable Format:	numeric																						
Implied Decimal Places:	0																						
<b>Categories</b>																							
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr><td>0</td><td>0 Siblings</td></tr> <tr><td>1</td><td>1 Sibling</td></tr> <tr><td>2</td><td>2 Siblings</td></tr> <tr><td>3</td><td>3 Siblings</td></tr> <tr><td>4</td><td>4 Siblings</td></tr> <tr><td>5</td><td>5 Siblings</td></tr> <tr><td>6</td><td>6 Siblings</td></tr> <tr><td>7</td><td>7 Siblings</td></tr> <tr><td>8</td><td>8 Siblings</td></tr> <tr><td>9</td><td>9 or more Siblings</td></tr> </tbody> </table>		Value	Label	0	0 Siblings	1	1 Sibling	2	2 Siblings	3	3 Siblings	4	4 Siblings	5	5 Siblings	6	6 Siblings	7	7 Siblings	8	8 Siblings	9	9 or more Siblings
Value	Label																						
0	0 Siblings																						
1	1 Sibling																						
2	2 Siblings																						
3	3 Siblings																						
4	4 Siblings																						
5	5 Siblings																						
6	6 Siblings																						
7	7 Siblings																						
8	8 Siblings																						
9	9 or more Siblings																						

## Variable: "FAMNUMR"

Name:	FAMNUMR
Label:	Family number (reported)
Variable Text:	For all persons, FAMNUMR reports the person's family number within the household. Please see the Comparability tab for information about using this variable across multiple samples.
Concept:	Family Interrelationships Variables -- PERSON

Start Position:	188
End Position:	189
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	0
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17

18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30

### Variable: "FAMTYPEFREC"

Name:	FAMTYPEFREC
Label:	Family type, as reported on family record
Variable Text:	For all persons, FAMTYPEFREC reports the family type for the person, as reported on the family record. Possible family types are one adult and no children, multiple adults and no children, one adult and one or more children, and multiple adults and one or more children.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	190
End Position:	190
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
1	One adult, no children
2	Multiple adults, no children
3	One adult, 1+ children
4	Multiple adults, 1+ children
9	Unknown

### Variable: "FAMKIDNO"

Name:	FAMKIDNO
Label:	Number of family members under 18 (fam record)
Variable Text:	For sample adults and sample children, FAMKIDNO reports the number of family members under the age of 18. Prior to 2019, this variable is available for all persons and is collected on the family record. For 2019 forward, FAMKIDNO is collected on the sample adult and sample child questionnaires. If the sample adult and sample child belong to the same family, the family level questions are only asked as part of the first interview and the data are then replicated to the other interview. Starting in 2019, "Unknown-not ascertained" responses are allowed. Prior to 2019, FAMKIDNO is not coded as "unknown" for any persons included in the IPUMS NHIS data.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	191
End Position:	192
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesFAMKIDNO is a 2-digit numeric variable. 03: Top code for 3 or more children (2019-forward) 98: Unknown-not ascertained

### Variable: "FAMOLDNO"

Name:	FAMOLDNO
Label:	Number of family members age 65+ (family record)

Variable Text:	For all persons, FAMOLDNO reports the number of persons in the family aged 65 and older, as documented on the family record.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	193
End Position:	194
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	0
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15

16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30

## Variable: "PARENTHERE"

Name:	PARENTHERE
Label:	Parent(s) present in the family (reported)
Variable Text:	For all persons, PARENTHERE reports which of the person's parents, if any, are present in the family.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	195
End Position:	196
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU
10	One parent
11	Mother, no father
12	Father, no mother
20	Mother and father
30	Neither mother nor father
98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "MOMED"

Name:	MOMED
Label:	Education of mother
Variable Text:	<p>For all persons under age 18, MOMED reports the person's mother's education in intervalled groups.</p> <p>Users may be interested in using the IPUMS NHIS family interrelationship variables instead of MOMED. These variables allow users to identify a person's (probable) coresident spouse/partner and/or parent(s), and make it easy to include characteristics about these family members as new variables in their data extracts. When using the IPUMS family interrelationship variables, not only can users attach information about a parent's education, but can also attach other characteristics of interest, such as parent's race, labor force status, and health insurance coverage, as new variables. The IPUMS variable MOMLOC reports the location number of the person's coresident mother.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	197
End Position:	198
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU
01	Less/equal to 8th grade
02	9-12th grade, no high school diploma
03	High school graduate/GED recipient
04	Some college, no degree
05	AA degree, technical or vocational
06	AA degree, academic program
07	Bachelor's degree
08	Master's, professional, or doctoral degree
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "DADED"

Name:	DADED
Label:	Education of father
Variable Text:	<p>For all persons under age 18, DAGED reports the education level of the person's father in intervalled groups.</p> <p>Users may be interested in using the IPUMS NHIS family interrelationship variables instead of DAGED. These variables allow users to identify a person's (probable) coresident spouse/partner and/or parent(s), and make it easy to include characteristics about these family members as new variables in their data extracts. When using the IPUMS family interrelationship variables, not only can users attach information about a parent's education, but can also attach other characteristics of interest, such as parent's race, labor force status, and health insurance coverage, as new variables. The IPUMS variable POPLOC reports the location number of the person's coresident father.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	199
End Position:	200
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
00	NIU
01	8th grade or less
02	9th to 12th grade, no high school diploma
03	High school grad or GED
04	Some college, no degree
05	AA degree, technical or vocational
06	AA degree, academic program
07	Bachelor's degree
08	MA, professional, or PhD degree
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "HISPETH"

Name:	HISPETH
Label:	Hispanic ethnicity
Variable Text:	HISPETH identifies and classifies persons of Hispanic/Spanish/Latino origin or ancestry. According to the Field Representative's Manual for 1976-1981, "The term 'national origin or ancestry' refers to the national or cultural group from which the person is descended. A person may report his origin based on the origin of a parent, a grandparent, or some far-removed ancestor." The 1982 Field Representative's Manual noted, "There is no set rule as to how many generations are to be taken into account in determining origin."
Concept:	Ethnicity/Nativity Variables -- PERSON
Start Position:	201
End	202

Position:	
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
10	Not Hispanic/Spanish origin
20	Mexican
21	Mexican-Mexicano
22	Mexicano
23	Mexican-American
24	Chicano
30	Puerto Rican
40	Cuban/Cuban American
50	Dominican (Republic)
60	Other Hispanic
61	Central or South American
62	Other Latin American, type not specified
63	Other Spanish
64	Hispanic/Latino/Spanish, non-specific type
65	Hispanic/Latino/Spanish, type refused
66	Hispanic/Latino/Spanish, type not ascertained
67	Hispanic/Spanish, type don't know
70	Multiple Hispanic
90	Unknown
91	Unknown if Hispanic/Spanish origin

92	Two origins, unknown which is the main
93	Origin unknown, refused or not reported
99	NIU

## **Variable: "USBORN"**

Name:	USBORN						
Label:	Born in the United States						
Variable Text:	<p>USBORN indicates whether the respondent was born in the United States. To collect this information, interviewers asked, "Where were you born?" Responses were recoded in the original NHIS public use files into the categories included in this variable.</p> <p>Take note: Changes in the definition of U.S. born      In 1997-2001, the available codes distinguished between born in a U.S. state or D.C. or born outside of the U.S., where "outside of the U.S." included being born in a U.S. territory. In 2002, an additional category, "born in a U.S. territory" was introduced as distinct from born outside of the U.S. In 2019, the available codes changed so that born in the 50 states or D.C. was combined into a single category with born in a U.S. territory, distinguished from born outside of the U.S. or U.S. territory.</p> <p>Related Variables;       REGIONBR provides additional detail on the place of birth of respondents born outside the United States. In REGIONBR, respondents' reported countries of birth were recoded in the original NHIS public use files into 12 broad regional categories.</p> <p>CITIZEN provides information on whether the person is a citizen of the U.S.</p>						
Concept:	Ethnicity/Nativity Variables -- PERSON						
Start Position:	203						
End Position:	204						
Width:	2						
Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>10</td><td>No</td></tr> <tr> <td>11</td><td>No, born in U.S. territory</td></tr> </tbody> </table>		Value	Label	10	No	11	No, born in U.S. territory
Value	Label						
10	No						
11	No, born in U.S. territory						

12	No, born outside U.S. and U.S. territories
20	Yes, born in U.S.
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know
96	Inapplicable

**Variable: "CITIZEN"**

Name:	CITIZEN
Label:	U.S. citizenship
Variable Text:	For all sample children and sample adults who did not have a don't know, not ascertained, or refused response to whether they were born in the United States or a United States territory (USBORN), CITIZEN indicates whether the individual was a U.S. citizen. Prior to 2019, this variable was available for all persons.
Concept:	Ethnicity/Nativity Variables -- PERSON
Start Position:	205
End Position:	205
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
1	No, not U.S. citizen
2	Yes, U.S. citizen
7	Unknown--refused
8	Unknown--not ascertained
9	Unknown--don't know

**Variable: "EDUCREC2"**

Name:	EDUCREC2
Label:	Educational attainment recode, intervalled
Variable Text:	EDUCREC2 is a recoded combination of two other variables, HIGRADE2 and EDUC, which measure educational attainment in different ways. HIGRADE2, available for 1968-1996, reports the respondent's highest grade of school or year of college completed, in intervals (e.g., grouping together grades 1 through 4). EDUC, available beginning in 1997, classifies high school graduates according to their highest degree or diploma obtained. In EDUCREC2, the HIGRADE2 categories are given the same codes as their approximate equivalents in EDUC.
Concept:	Education Variables -- PERSON
Start Position:	206
End Position:	207
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	NIU
10	Never attended/kindergarten only
20	Grade 1, 2, 3, or 4
30	Grade 5, 6, 7, or 8
31	Grade 5, 6, or 7
32	Grade 8
40	Grade 9, 10, 11, or 12
41	Grade 9, 10, or 11
42	Grade 12
50	1 to 4 years of college

51	1 to 3 years of college
52	1 to 2 years of college
53	3 to 4 years of college
54	4 years college/Bachelor's degree
60	5+ years of college
96	Unknown-not reported
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown (1996 forward - Don't know)

## Variable: "EDUCREC1"

Name:	EDUCREC1				
Label:	Educational attainment recode, nonintervalled				
Variable Text:	EDUCREC1 is a recoded combination of two other variables, HIGRADE1 and EDUC, which measure educational attainment in different ways. HIGRADE1, available for 1982-1996, reports the respondent's highest grade of school or year of college completed, by single years. EDUC, available beginning in 1997, classifies high school graduates according to their highest degree or diploma obtained. In EDUCREC1, the HIGRADE1 categories are given the same codes as their approximate equivalents in EDUC.				
Concept:	Education Variables -- PERSON				
Start Position:	208				
End Position:	209				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>NIU</td> </tr> </tbody> </table>		Value	Label	00	NIU
Value	Label				
00	NIU				

01	Never attended/kindergarten only
02	Grade 1
03	Grade 2
04	Grade 3
05	Grade 4
06	Grade 5
07	Grade 6
08	Grade 7
09	Grade 8
10	Grade 9
11	Grade 10
12	Grade 11
13	Grade 12
14	1 to 3 years of college
15	4 years college/Bachelor's degree
16	5+ years of college
96	Unknown--all causes
97	Unknown--refused
98	Unknown--not ascertained
99	Unknown--not known

## Variable: "EDUC"

Name:	EDUC
Label:	Educational attainment
Variable Text:	<p>For sample adults (and, prior to 2019, for all persons aged 5 and older), EDUC reports the highest level of schooling an individual had completed, in terms of completed grades for persons with less than a high school degree, and in terms of degrees attained for high school graduates and those with higher education. Respondents were handed a card listing recognized categories and asked to identify the correct category.</p> <p>According to the Field Representative's Manuals for 1997-2000, only "regular schooling which advances a person toward an elementary or high school diploma, or a college/university/professional school (such as law, medicine, dentistry)" counted as education. Schooling in settings other than "regular schools" counted only if the credits</p>

obtained were acceptable in a regular school system. Thus, for example, "adult education" classes not taken for credit or for the attainment of a college degree did not count.

For the end of high school, EDUC distinguishes between those who completed twelfth grade but did not attain a diploma (e.g., those who failed to pass state-mandated high school exit examinations), those who graduated from high school, and those passed the GED (General Equivalence Degree) Test (which certifies that the test taker has attained high school-level academic skills). Persons who attained a high school diploma in less than twelve years were to be recorded as "high school graduates," a guideline consistent with EDUC's emphasis on degrees attained rather than years spent in the classroom. The Field Representative's Manual for 1997-2000 directed interviewers to probe to determine whether persons who attended "post-graduate" high school classes but did not attend college had received a high school diploma.

For nurses, interviewers were to determine whether training was received in a college or in a nursing school (with the grade completed at the last regular--non-nursing--school to be entered in the latter case). For a person attending special education classes or a school for persons with mental, physical, or developmental difficulties, interviewers were to ask which grade in a regular school most closely matched the individual's education level. Persons currently in school were generally assumed to have completed the previous grade.

Concept:	Education Variables -- PERSON
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Start Position:	210
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End Position:	212
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Width:	3
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Variable Format:	numeric
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Implied Decimal Places:	0
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### **Categories**

<b>Value</b>	<b>Label</b>
000	NIU
100	Grade 12 or less, no high school diploma or equivalent
101	Grade 8 or less (no further detail)
102	Never attended/kindergarten only
103	Grades 1-11 (no further detail)
104	Grade 1
105	Grade 2
106	Grade 3

107	Grade 4
108	Grade 5
109	Grade 6
110	Grade 7
111	Grade 8
112	Grade 9-12, no diploma (no further detail)
113	Grade 9
114	Grade 10
115	Grade 11
116	12th grade, no diploma
200	High school diploma or GED
201	High school graduate
202	GED or equivalent
300	Some college, no 4yr degree
301	Some college, no degree
302	AA degree: technical/vocational/occupational
303	AA degree: academic program
400	Bachelor's degree (BA,AB,BS,BBA)
500	Master's, Professional, or Doctoral Degree
501	Master's degree (MA,MS,Med,MBA)
502	Professional (MD,DDS,DVM,JD)
503	Doctoral degree (PhD, EdD)
504	Other degree
996	No degree, years of education unknown
997	Unknown--refused
998	Unknown--not ascertained
999	Unknown--don't know

**Variable: "SPOUSEDUC"**

Name:	SPOUSEDUC																				
Label:	Education level of sample adult's spouse																				
Variable Text:	<p>For sample adults who are married (MARSTCOHAB), SPOUSEDUC indicates educational attainment of the sample adult's spouse. The following information is gathered for the sample adult's spouse:</p> <p>SPOUSAGE: Age of sample adult's spouse</p> <p>SPOUSESEX: Sex of sample adult's spouse</p> <p>SPOUSWRK: Sample adult's spouse works for pay at a job or business</p> <p>SPOUSWKFT: Sample adult's spouse works full time PRTNRSEX and PRTNRAGE report the sex and age of the sample adult's unmarried partner, respectively.</p>																				
Concept:	Education Variables -- PERSON																				
Start Position:	213																				
End Position:	214																				
Width:	2																				
Variable Format:	numeric																				
Implied Decimal Places:	0																				
<b>Categories</b>																					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>NIU</td> </tr> <tr> <td>01</td> <td>Grade 0-11</td> </tr> <tr> <td>02</td> <td>12th grade, no diploma</td> </tr> <tr> <td>03</td> <td>GED or equivalent</td> </tr> <tr> <td>04</td> <td>High school graduate</td> </tr> <tr> <td>05</td> <td>Some college, no degree</td> </tr> <tr> <td>06</td> <td>Associate degree (occupational, technical, or vocational program)</td> </tr> <tr> <td>07</td> <td>Associate degree (academic program)</td> </tr> <tr> <td>08</td> <td>Bachelor's degree</td> </tr> </tbody> </table>		Value	Label	00	NIU	01	Grade 0-11	02	12th grade, no diploma	03	GED or equivalent	04	High school graduate	05	Some college, no degree	06	Associate degree (occupational, technical, or vocational program)	07	Associate degree (academic program)	08	Bachelor's degree
Value	Label																				
00	NIU																				
01	Grade 0-11																				
02	12th grade, no diploma																				
03	GED or equivalent																				
04	High school graduate																				
05	Some college, no degree																				
06	Associate degree (occupational, technical, or vocational program)																				
07	Associate degree (academic program)																				
08	Bachelor's degree																				

09	Master's degree
10	Professional school degree
11	Doctoral degree
97	Unknown - refused
98	Unknown - not ascertained
99	Unknown - don't know

**Variable: "SCHOOLNOW"**

Name:	SCHOOLNOW
Label:	Currently attending school
Variable Text:	For sample adults, SCHOOLNOW reports if the sample adult is currently enrolled in or attending school. If necessary, the interviewer read, "School includes high school, college, trade school, and professional school. Students may be enrolled part-time or full-time."
Concept:	Education Variables -- PERSON
Start Position:	215
End Position:	215
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained

9

Unknown-don't know

## Variable: "EMPSTAT"

Name:	EMPSTAT
Label:	Employment status in past 1 to 2 weeks
Variable Text:	<p>EMPSTAT reports whether sample adults were working--working for pay, performing seasonal or contract work, or working at a job or business but NOT for pay--last week. Responses of "no" include both sample adults who were part of the labor force but unemployed and sample adults who were out of the labor force. Additional detail about reasons for not working in the past week can be found in WHYNOWK2. Before 2019, EMPSTAT reports whether persons were part of the labor force--working or seeking work--and, if so, whether they worked, had a job or business from which they were temporarily absent, or were looking for work or on layoff during the preceding two weeks (for 1969-1996) or during the preceding week (for 1997-2018).</p> <p>In 1969-1996, EMPSTAT is a summary recode of responses to a series of questions. &amp;nbsp;In 1969-1973 interviewers first asked, "Did [person] work at any time last week or the week before - (For females): not counting work around the house?" This question was also asked in 1974-1981, but the wording in these years omitted the instructions "For females" before the phrase "not counting work around the house." In 1982-1996 the question wording was changed to, "During those 2 weeks, did [person] work at any time at a job or business, not counting work around the house? (Include unpaid work in the family farm/business.)</p> <p>If the answer to the initial question asked in 1969-1996 was negative, interviewers asked whether the person had a job or business, even though he/she did not work during the reference period. The final questions used to categorize current employment status in 1969-1996 were, "Was he looking for work or on layoff from a job [during those 2 weeks]?" and, if yes, "Which--looking for work or on layoff from a job?" In 1997-2018, respondents were asked one general question to ascertain their employment status. &amp;nbsp;Interviewers asked, "Which of the following was [person] doing last week?" In 1997-2000 interviewers read the following possible responses: "Working at a job or business," "With a job or business but not at work," "Looking for work," and "Not working at a job or business." Beginning in 2001, the response category "Working at a job or business" was split into two separate categories, "Working for pay at a job or business" and "Working, but not for pay, at a job or business." The rest of the response categories in 2001-2018 are the same as in 1997-2000. In 2019 forward, EMPSTAT only indicates whether someone was employed or not employed in the last week.</p> <p>&amp;nbsp;Respondents are asked a series of questions that are used to code a final response to EMPSTAT:</p> <p>"LAST WEEK, did you work for pay at a job or business?"</p> <p>"Did you have a job or business LAST WEEK, but were temporarily absent due to illness, vacation, family or maternity leave, or some other reason?"</p> <p>"What is the MAIN reason you were not working for pay at a job or business last week?"</p> <p>"Does [sample adult] work for pay at a job or business?"</p> <p>NCHS uses these responses to code an individual as "Employed" or "Not employed" in EMPSTAT. Those who indicate they were performing seasonal or contract work or were working at a job or business but not for pay are coded as "Employed." Definitions and Instructions</p>
Concept:	Work Variables -- PERSON
Start Position:	216
End	218

Position:	
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
000	NIU
100	Employed
110	Working
111	Working for pay at job/business
112	Working, w/out pay, at job/business
120	With job, but not at work
121	With job, not at work: not laid-off, not looking
122	With job, not at work: looking
200	Not employed
210	Unemployed
211	Unemployed: On layoff
212	Unemployed: On layoff and looking
213	Unemployed: Unk if looking or laid off
214	Unemployed: Looking or on layoff
215	Unemployed: Have job to return to
216	Unemployed: Had job during the round
217	Unemployed: No job during reference period
220	Not in labor force
900	Unknown-all causes
997	Unknown-refused

998	Unknown-not ascertained
999	Unknown-don't know

## Variable: "OCC"

Name:	OCC				
Label:	Detailed occupation				
Variable Text:	<p>OCC reports the sample person's primary occupation, coded into a contemporary Classified Index of Occupation (from 1969 to 1982) and the Standard Occupational Classification (from 1983 and forward). Please see the Comparability and Universe tabs for more information on how this variable was constructed.</p> <p>To increase comparability over time, the IPUMS NHIS provides OCC1995, which applies a common occupational classification system over time. This recoded variable is also discussed at the "User Note on Occupation and Industry Variables".</p>				
Concept:	Work Variables -- PERSON				
Start Position:	219				
End Position:	220				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td></td> </tr> </tbody> </table>		Value	Label	00	
Value	Label				
00					

## Variable: "OCC1995"

Name:	OCC1995
Label:	Occupation, 1995 basis
Variable Text:	<p>OCC1995 is a modified version of the 1995 revised Standard Occupational Classification-based codes (SOC), offering researchers a consistent long-term classification of occupations from 1969 to present. All original occupation information is stored in OCC. For more information on all of the occupational schemes that were used in previous NHIS surveys, please refer to the "User Note on Occupation and Industry Variables." Please see the "Universe" tab for more detailed information on changes in the universe across survey</p>

samples.

Occupation coding in NHIS surveys underwent its two biggest changes in 1983, when the NHIS switched from using the Classified Index of Occupation to using the 1977 SOC, and in 2004, after the 2000 SOC was released. The introduction of the 1977 SOC and the 2000 SOC contributed to significant discontinuities in occupation coding in the NHIS history. The IPUMS NHIS staff chose the 1995 revised SOC as the standard because it falls in-between the years when the 1977 SOC and the 2000 SOC were implemented in the NHIS.

The construction of OCC1995 is based on the work done by the IPUMS-USA project, which harmonized Census Bureau occupation classifications from 1950 to present, using the 1990 Census Bureau occupational classification scheme as a standard. Based on a series of technical papers and crosswalks that provide detailed analyses on how the occupation coding scheme for each census year differed from the scheme used in the previous census year, the IPUMS staff traced the proportion of each occupation as it broke down into more specific occupations or as it was combined with others into a more aggregated occupation.

The IHIS followed procedures established by IPUMS-USA staff to create a version of the occupation codes that is comparable, to the extent possible, to the 1995 revised SOC that was used in NHIS surveys from 1995 to 2003. However, the IHIS staff was not able to follow the exact procedures employed by IPUMS-USA staff because the NHIS has released far less detail on occupation codes on the public use files than the Census or American Community Survey. For example, in the 2004 sample, the NHIS occupation code "59" (Communications equipment operators) combined multiple occupational classifications that were distinct in the Census occupational classifications, including code "5010" for switchboard operators, code "5020" for telephone operators, and code "5030" for all other communications equipment operators.

Concept:	Work Variables -- PERSON
Start Position:	221
End Position:	224
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0000	NIU
0100	Executive, Administrative, and Managerial Occupations
0101	Managers and administrators, except farm
0102	Officials and administrators, public administration
0103	Managers and administrators, except public administration

0104	Management related occupations
0200	Professional Specialty Occupations
0210	Engineers, Architects, Surveyors, and Scientists:
0211	Engineers, scientists, and technicians
0212	Engineers and architects
0213	Engineers
0214	Architects and surveyors
0215	Scientists
0216	Natural mathematical and computer scientists
0220	Health Assessment, Diagnosing, and Treating Occupations:
0221	Health workers
0222	Health diagnosing occupations
0223	Health assessment and treating occupations
0230	Teachers, Librarians, Archivists, and Curators:
0231	Teachers, librarians and counselors
0232	Teachers, including professors and instructors
0240	All other professional specialty occupations
0241	All other professional, technical, and kindred workers
0242	Writers, artists, entertainers and athletes
0243	Other professional specialty occupations
0300	Technicians and Related Support Occupations
0301	Health technologists and technicians
0302	Engineering and science technicians
0303	Technologists, technicians except health
0400	Sales Occupations:
0401	Sales workers
0402	Supervisors and proprietors
0403	Sales representatives, commodities and finance

0404	Other sales
0500	Administrative Support Occupations, Including Clerical
0501	Mail carriers, baggagemen, teleg. messengers
0502	Stenos, typists, secretaries, receptionist
0503	Other clerical
0504	Financial records processing occupations
0505	Bookkeepers
0506	Office machine operators
0507	Computer equipment operators
0508	All other clerical workers
0509	Other administrative support
0600	Private Household Occupations:
0601	Private household workers
0602	Housekeepers, laundresses, baby sitters, etc.
0700	Protective Service Occupations
0701	Protective service
0702	Police and firefighters
0703	Other protective service occupations
0800	Service Occupations, Except Protective and Household
0801	All other service workers
0802	Food service
0803	Cleaning and building service
0804	Health and personal service
0805	Health service
0806	Personal service
0900	Farm Operators and Managers:
0901	Farmers and farm managers
0902	Farmers

0903	Farm managers
1000	Other Agricultural and Related Occupations:
1001	Farm workers and other agricultural workers
1002	Farm laborers and farm foremen
1003	Farm laborers
1004	Forestry and fishing occupations
1100	Mechanics and Repairers Occupation
1101	Mechanics and repairers
1102	Construction, including carpenters
1103	Machinists, mechanics, repairment, and metal craftsmen
1200	Construction and Extractive Trades Occupation
1201	Construction and extractive trades
1202	Apprentice, construction
1203	Carpenters
1204	Other construction craftsmen
1205	Mine operatives and laborers
1300	Precision Production Occupations:
1301	Precision production occupations
1302	Metal craftsmen, except mechanics
1303	All other craftsmen
1304	Apprentice, machinists, mechanics, metals
1400	Machine Operators, Assemblers, and Inspectors
1401	Operatives, except transport
1402	Machine operators and tenderers, except precision
1403	Fabricators, assemblers, inspectors, and samplers
1500	Transportation and Material Moving Occupations
1501	Transport equipment operatives
1502	Motor vehicle operators

1503	Other transportation, except motor vehicles
1504	Material moving equipment operators
1505	Construction laborers
1506	Freight, stock and material handlers
1507	All other operatives
1508	Laborers, except farm
1509	All other laborers except farm and mine
1600	Military
7777	Unknown-refused
8888	Unknown-not ascertained
9999	Unknown-don't know

## Variable: "IND"

Name:	IND
Label:	Detailed industry recode, 1969-2003
Variable Text:	<p>IND reports the sample person's primary industry, coded into a contemporary Standard Industrial Classification (from 1969 to 2003) and into the North American Industry Classification System (from 2004 and forward). Please see the Comparability and Universe tabs for more information on how this variable was constructed.</p> <p>To increase comparability over time, the IPUMS NHIS provides IND1995, which applies a common industrial classification system over time. This recoded variable is also discussed at the "User Note on Occupation and Industry Variables".</p>
Concept:	Work Variables -- PERSON
Start Position:	225
End Position:	226
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU

## Variable: "IND1995"

Name:	IND1995
Label:	Industry, 1995 basis
Variable Text:	<p>IND1995 is a modified version of the 1995 revised Standard Industrial Classification-based codes (SIC), offering researchers a consistent long-term classification of industries from 1969 to present. All original industry codes are available in IND. For more information on all of the industrial schemes that were used in previous NHIS surveys, please refer to the "User Note on Occupation and Industry Variables". Please see the "Universe" tab for more detailed information on changes in the universe across survey samples.</p> <p>Industry coding in NHIS surveys underwent its two biggest changes in 1983 when the NHIS switched from using the 1967 SIC to the 1972 SIC, and in 2004 after the 2002 North American Industry Classification System (NAICS) was released. The introduction of the 1972 SIC and the 2002 NAICS contributed to significant discontinuities in industry coding in the NHIS history. The IPUMS NHIS staff chose the 1995 revised SIC as the standard because it falls in-between the years when the 1972 SIC and the 2002 NAICS were implemented in the NHIS.</p> <p>The construction of IND1995 is based on the work done by the IPUMS-USA project, which harmonized Census Bureau industry classifications from 1950 to present, using the 1990 Census Bureau industry classification scheme as a standard. Based on a series of technical papers and crosswalks that provide detailed analyses on how the industry coding scheme for each census year differed from the scheme used in the previous census year, the IPUMS staff traced the proportion of each industry as it broke down into more specific industries or as it was combined with others into a more aggregated industry.</p> <p>The IHIS followed procedures established by IPUMS-USA staff to create a version of the industry codes that is comparable, to the extent possible, to the 1995 revised SIC that was used in NHIS surveys from 1995 to 2003. However, IHIS staff were not able to follow the exact procedures employed by IPUMS-USA staff because the NHIS released far less detail on industry codes on the public use files than the Census or American Community Survey. For example, in the 2010 sample, the NHIS industry code "71" (amusement, gambling, and recreation industries) combined multiple industries that were distinct in the Census, including code "8580" (bowling centers) and code "8590" (other amusement, gambling, and recreation centers).</p>
Concept:	Work Variables -- PERSON
Start Position:	227
End Position:	230
Width:	4
Variable Format:	numeric
Implied Decimal	0

Places:

**Categories**

<b>Value</b>	<b>Label</b>
0000	NIU
0100	Agriculture
0200	Forestry and Fisheries
0300	Mining
0400	Construction
0500	Nondurable products
0510	Food and kindred products
0520	Textile mill and finished textile products
0530	Printing, publishing, and allied industries
0540	Chemicals and allied products:
0600	Durable Goods
0610	Furniture, lumber, and wood
0620	Metal industries:
0621	Primary metal industries
0622	Fabricated metal industries, including ordnance
0630	Machinery, except electrical machinery
0640	Electrical machinery, equipment, and supplies
0650	Transportation equipment
0660	All other and unspecified products
0661	Other nondurable products
0662	Other durable products
0700	Transportation
0710	Railroads
0720	All other transportation
0721	Trucking service and warehousing

0722	All other transportation except trucking service and warehousing
0800	Communications
0900	Utilities and sanitary
1000	Wholesale trade
1100	Eating and drinking places
1200	Other retail trade
1210	General merchandise stores
1220	Food, bakery, and dairy stores
1230	Automotive dealers and gasoline stations
1240	Other and unspecified retail trade
1300	Finance, insurance, and real estate
1310	Banking and credit agencies
1320	Insurance, real estate, and other finance
1400	Business services
1500	Repair services
1600	Private households
1700	Other personal services
1800	Entertainment and recreation services
1900	Medical and other health services
1910	Hospitals
1920	Health services, except hospitals
2000	Educational services
2010	Elementary and secondary schools and colleges
2020	Other educational services
2100	Other miscellaneous services
2110	Social services, religious and membership organizations
2120	Legal, engineering and other professional services
2200	Public Administration

	2300	Armed forces
	7777	Unknown-refused
	8888	Unknown-not ascertained
	9999	Unknown-don't know

**Variable: "HOURSWRK"**

Name:	HOURSWRK				
Label:	Total hours worked last week or usually				
Variable Text:	<p>For sample adults aged 18+ (and all persons age 18+ in 2004-2018) who worked at a paid or unpaid job or business last week, held a seasonal or contract position last week, or were not working last week because they were on vacation, on family/maternity leave, unable to work for health reasons, HOURSWRK reports the total hours that the sample person worked in the past week, or in the past two weeks at all jobs/ businesses or at the main job/business. The universe and time period for HOURSWRK were somewhat different for 1979 and 1991. HOURSWORK reports total hours worked in the past two weeks for sample persons aged 17+ in 1979 who, during the past 2 weeks, worked, had a job or business from which they were temporarily absent, or looked for work or were on layoff; in 1991, HOURSWORK reports total work hours worked in the past two weeks for sample persons aged 18+ in 1991 who were employed in the past 2 weeks and worked for a private company or the federal, state, or local government. Please refer to the Universe and Comparability tabs for more information about changes in the universe, time period, and the types of jobs included in HOURSWRK.</p> <p>Beginning in 2019, sample adults aged 18+ who held a seasonal or contract position last week continued to be identified by NCHS as included in the universe for HOURSWORK, but were omitted from the HOURSWRK question and had their responses set to "Unknown - Not Ascertained."</p>				
Concept:	Work Variables -- PERSON				
Start Position:	231				
End Position:	232				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>NIU</td> </tr> </tbody> </table>		Value	Label	00	NIU
Value	Label				
00	NIU				

01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
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80	80
81	81
82	82
83	83
84	84

	85	85
	86	86
	87	87
	88	88
	89	89
	90	90
	91	91
	92	92
	93	93
	94	94
	95	95+ hours
	97	Unknown--refused
	98	Unknown--not ascertained
	99	Unknown--don't know

## Variable: "MONTHWRK"

Name:	MONTHWRK
Label:	Months in last year had one or more jobs
Variable Text:	<p>For sample persons aged 17 and older in 1977 and 1979, persons aged 14 and older in 1990-1996 who worked for at least one employer during the month prior to the interview, and sample persons aged 18 and older from 1997 forward who worked at a job or business last week or who did not work last week but worked in the last year, MONTHWRK indicates the number of months that the sample person had at least one job or business.</p> <p>In 1993, this variable only included persons who were interviewed in quarters 3 and 4. &amp;nbsp;From 1990 to 1996, this variable is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variables JOBMFLAG and JOBSELFMOFL to identify persons with imputed data.</p> <p>From 1990 to 1992, users can use JOBMFLAG to identify persons who worked for at least one employer last month and whose information on the number of working months was imputed. From 1993 to 1996, users should use JOBMFLAG to identify persons with imputed data who exclusively worked for an employer last month and JOBSELFMOFL to identify those with imputed data who worked for an employer and were also self-employed last month. For more information about other related variables, please use the IPUMS NHIS search function and drop-down menus.</p>

Concept:	Work Variables -- PERSON
Start Position:	233
End Position:	234
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	Did not work last year
01	1 month
02	2 months
03	3 months
04	4 months
05	5 months
06	6 months
07	7 months
08	8 months
09	9 months
10	10 months
11	11 months
12	12 months
13	NIU, under age 18 (1977, 1979: under 17)
20	Worked last year, months unknown
21	Worked last year, refused to answer months
22	Worked last year, not ascertained months

23	Worked last year, don't know months
90	Missing information on whether worked last year
97	Refused to answer if worked last year
98	Not ascertained if worked last year
99	Don't know if worked last year

## Variable: "NUMEMPS"

Name:	NUMEMPS
Label:	Number of employees at work
Variable Text:	For sample persons aged 18 and over from 1997 to 2003 who were working or were temporarily absent from a job or business last week; and sample persons aged 18 and over who were working or temporarily absent from a job or business last week, or who had ever worked, NUMEMPS reports the number of employees at the person's work location.
Concept:	Work Variables -- PERSON
Start Position:	235
End Position:	236
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	NIU
10	1 to 9 employees
20	10 to 24 employees
30	25 to 49 employees
40	50 to 99 employees

50	100 to 249 employees
60	250 to 499 employees
70	500 to 999 employees
80	1000+ employees
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "SECONDJOB"

Name:	SECONDJOB
Label:	Have more than one job or business
Variable Text:	<p>For sample adults aged 18 and over who were working last week, had a job or business but were not at work, were working but not for pay at a family-owned job or business, SECONDJOB indicates whether the sample adult has more than one job or business.</p> <p>For more information about other related variables, please use the IPUMS NHIS search function and drop-down menus.</p>
Concept:	Work Variables -- PERSON
Start Position:	237
End Position:	237
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No, don't have more than 1 job
2	Yes, have more than 1 job

7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "PAIDHOUR"**

Name:	PAIDHOUR														
Label:	Paid by the hour at current job														
Variable Text:	<p>For sample persons aged 18 and over who worked during the previous week or who have ever worked, PAIDHOUR indicates whether the sample adult is paid by hour at his/her main job or business, or on the job that he/she held the longest, or on the job that he/she held most recently.</p> <p>For more information about other related variables, please use the IPUMS NHIS search function and drop-down menus.</p>														
Concept:	Work Variables -- PERSON														
Start Position:	238														
End Position:	238														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
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Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "PAIDSICK"**

Name:	PAIDSICK														
Label:	Paid sick leave at current job														
Variable Text:	For sample adults who worked during the previous week, PAIDSICK indicates whether the sample adult has paid sick leave on their main job, or on the job that they held the longest, or on the job that they held most recently.														
Concept:	Work Variables -- PERSON														
Start Position:	239														
End Position:	239														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "EMPHI"**

Name:	EMPHI
Label:	Workplace offered health insurance
Variable Text:	For sample adults who were working last week or who were not working last week because they were temporarily absent, or who performed seasonal or contract work or who worked at a job or business but not for pay, EMPHI indicates if the respondent was offered health insurance through the job they held last week.

Concept:	Work Variables -- PERSON														
Start Position:	240														
End Position:	240														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "USUALFT"

Name:	USUALFT
Label:	Usually work full time
Variable Text:	<p>For sample persons aged 18 and over from 1997 to 2000 and from 2004 forward who worked last week for less than 35 hours or for an unknown number of hours and, sample persons aged 18 and over from 2001 to 2003 who worked last week for less than 35 hours, USUALFT indicates whether the sample person usually works a total of at least 35 hours per week at all of his/her jobs or businesses.</p> <p>For more information about other related variables, please use the IPUMS NHIS search function and drop-down menus.</p>
Concept:	Work Variables -- PERSON
Start Position:	241
End	241

Position:															
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown--refused</td></tr> <tr> <td>8</td><td>Unknown--not ascertained</td></tr> <tr> <td>9</td><td>Unknown--don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown--refused	8	Unknown--not ascertained	9	Unknown--don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown--refused														
8	Unknown--not ascertained														
9	Unknown--don't know														

### Variable: "EMPFT"

Name:	EMPFT
Label:	Usually work 35+ hours per week
Variable Text:	For sample adults who work for pay at a job or business, EMPFT reports if the respondent usually works 35 hours or more per week.
Concept:	Work Variables -- PERSON
Start Position:	242
End Position:	242
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "JOBSECINCORP"

Name:	JOBSECINCORP
Label:	Current self-employment job is incorporated business
Variable Text:	<p>For sample adults aged 18 and older who worked last week and were self-employed in their current job (or last or longest held job), JOBSECINCORP reports whether the business is incorporated.</p> <p>For more information about other related variables, please use the IPUMS NHIS search function and drop-down menus.</p>
Concept:	Work Variables -- PERSON
Start Position:	243
End Position:	243
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No

2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "WORKEV"**

Name:	WORKEV
Label:	Ever worked
Variable Text:	<p>For sample persons aged 18 and over from 2001 to 2013 who were looking for work or not working last week and sample persons aged 18 and over from 2004 forward who were not working and not looking for work, or were looking for work last week, WORKEV indicates whether the sample person has ever held a job or worked at a business.</p> <p>For more information about other related variables, please use the IPUMS NHIS search function and drop-down menus.</p>
Concept:	Work Variables -- PERSON
Start Position:	244
End Position:	244
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "EMPLAST"**

Name:	EMPLAST
Label:	Last time worked for pay
Variable Text:	For sample adults whose main reason for not working last week was because they couldn't find work, performed seasonal or contract work, were retired, unable to work for health reasons, taking care of the house/family, going to school, worked at a job or business but not for pay, or some other reason, or refused or didn't know the main reason they were not working last week (WHYNOWK2), EMPLAST reports the last time the respondent worked for pay.
Concept:	Work Variables -- PERSON
Start Position:	245
End Position:	245
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	Within the past 12 months
2	1-5 years ago
3	Over 5 years ago
4	Never worked
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "YEARSONJOB"**

Name:	YEARSONJOB
Label:	Years on main or longest or last job
Variable Text:	<p>For sample adults aged 18 and older who are currently working or who have ever worked, YEARSONJOB reports the number of years the person worked at her or his main job.</p> <p>Respondents who did not answer the question about their main job but who had worked in their lifetime were instructed to report about their most recent job, unless they were over 65 or reported not working because they were retired. These respondents were instructed to answer for the job they had held the longest.</p>
Concept:	Work Variables -- PERSON
Start Position:	246
End Position:	247
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	Less than 1 year
01	1 year
02	2 years
03	3 years
04	4 years
05	5 years
06	6 years
07	7 years
08	8 years
09	9 years
10	10 years
11	11 years

12	12 years
13	13 years
14	14 years
15	15 years
16	16 years
17	17 years
18	18 years
19	19 years
20	20 years
21	21 years
22	22 years
23	23 years
24	24 years
25	25 years
26	26 years
27	27 years
28	28 years
29	29 years
30	30 years
31	31 years
32	32 years
33	33 years
34	34 years
35	35 or more years
96	NIU
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

**Variable: "POORYN"**

Name:	POORYN
Label:	Above or below poverty threshold
Variable Text:	<p>POORYN indicates whether family income was above or below poverty level. The poverty status of a family group is assigned to each member of the family, thus making POORYN a person-level variable. Poverty status is also calculated for adults who live alone or with persons they are not related to; in such cases, POORYN is calculated based on the individual's income.</p> <p><b>Data Collection</b></p> <p>Respondents were asked to look at a card listing broad income categories and to identify the category that most closely matched their family's before-tax total combined money income from all sources during the preceding calendar year.</p> <p>&amp;nbsp;Total combined family income included the respondent's own income plus the income of all co-resident family members, including cohabiting partners and related armed forces members living at home. It did not include the value of noncash benefits such as Food Stamps, Medicaid, Medicare, and public housing. To determine poverty status, the reported total family income was compared to the U.S. Census Bureau's poverty thresholds for the year in question. These thresholds are based not only on income but also on family size and the number of children under age 18.</p> <p>&amp;nbsp;If the reported family income figure was the same or higher than the poverty threshold for families of that size and age composition, the individual (and all members of the family) was considered "above poverty" and received a code of 1 in POORYN. If the reported family income figure was less than the Census Bureau's poverty cut-off for families of that size and age composition, the individual (and all other members of the family) was classified as "poor" and received a code of 2 in POORYN.</p> <p>Basis of Poverty Definition&amp;nbsp;Poverty data in IPUMS NHIS and in U.S. government statistics generally are based on a definition established by the Social Security Administration in 1964 and subsequently modified by Federal interagency committees in 1969 and 1980. The Office of Management and Budget's (OMB) Directive 14 prescribes this definition as the official poverty measure for federal agencies to use in their statistical work.</p> <p>At the core of this definition was the 1961 economy food plan, the least costly of four nutritionally adequate food plans designed by the Department of Agriculture. It was determined from the Agriculture Department's 1955 survey of food consumption that families of three or more persons spend approximately one-third of their income on food; hence, the poverty level for these families was set at three times the cost of the economy food plan. For smaller families and for persons living alone, the cost of the economy food plan was multiplied by factors that were slightly higher, to compensate for the relatively larger fixed expenses for these smaller households. The federally established poverty thresholds are revised annually to allow for changes in the cost of living, as reflected in the Consumer Price Index. The poverty thresholds are the same for all parts of the country; they are not adjusted for regional, state, or local variations in the cost of living.</p>
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	248
End Position:	248
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
1	At or above poverty threshold
2	Below poverty threshold
9	Unk (1997+: incl. Undefined)

## Variable: "INCFAM97ON2"

Name:	INCFAM97ON2
Label:	Total combined family income (1997+ w. 2007 categories)
Variable Text:	<p>For all persons, INCFAM97ON2 provides total grouped family income beginning in 1997, using income brackets introduced in 2007. Responses are reported in nominal dollars and have not been adjusted for inflation.</p> <p>The 2007 NHIS introduced a recoded income bracket variable to bridge the differences between income brackets from 1997 to 2006 with those from 2007 forward. Individuals whose 1997 to 2006 total family income brackets ranged from "\$0 to \$4,999" to "\$25,000 to \$34,999", and those who had incomplete income information but reported that their total family income was "Less than \$20,000", are grouped together as "\$0 to \$34,999." Individuals whose 1997 to 2006 total family income brackets ranged from "\$35,000 to \$44,999" to "\$65,000 to \$74,999" are grouped together as "\$35,000 to \$74,999." See the Codes tab for changes to top-coded income.</p> <p>Those who had incomplete income information but reported that their total family income was \$20,000 or more could not be incorporated into the new scheme and are coded separately.</p> <p>Data users wishing to use the original income codes for this variable may use INCFAM9706 (Total combined family income, 1997-2006 grouping) and/or INCFAM070N (Total combined family income, 2007+). See the drop down menu for additional related variables.</p>
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	249
End Position:	250
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

<b>Categories</b>	
<b>Value</b>	<b>Label</b>
10	\$0 - \$34,999
20	\$35,000-\$74,999
30	\$75,000 and over
31	\$75,000-\$99,999
32	\$100,000 and over
96	\$20,000 or more (no detail)
97	Refused
98	Not ascertained or undefined
99	Don't know

## Variable: "INCFAM07ON"

Name:	INCFAM07ON
Label:	Total combined family income (2007+)
Variable Text:	For sample adults and sample children, INCFAM07ON provides total grouped family income using an income bracket methodology introduced in 2007. Responses are reported in nominal dollars and have not been adjusted for inflation. Prior to 2019, INCFAM07ON was asked of all persons. Starting with the 2007 NHIS, the income amount follow-up questions that had been in place since 1997 were replaced with a series of unfolding bracket questions. The unfolding bracket method asked a series of closed-ended income range questions (e.g., "Is it less than \$50,000?") if the respondent did not provide an answer to the exact income amount question. The closed-ended income range questions were constructed so that each successive question establishes a smaller range for the amount of the family's income.
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	251
End Position:	252
Width:	2
Variable Format:	numeric
Implied	0

Decimal Places:	
<b>Categories</b>	
Value	Label
10	\$0 - \$49,999 (no further detail)
11	\$0 - \$34,999
12	\$35,000 - \$49,999
20	\$50,000 and over (no further detail; available 2007-2013)
21	\$50,000 - \$99,999 (no further detail)
22	\$50,000 - \$74,999
23	\$75,000 - \$99,999
24	\$100,000 and over
96	Undefined
99	Unknown

## Variable: "FAMTOTINC"

Name:	FAMTOTINC
Label:	Total family income, last year (top coded)
Variable Text:	For sample adults and sample children, FAMTOTINC reports the respondent's best estimate of the total income of all family members before taxes in the year prior to the current year. If the sample adult and sample child are from the same family, the information is collected in whichever interview occurs first and is copied to an identical variable for the other sampled family member in a post-processing step (i.e., if the sample child interview occurs first, the family-level information is later replicated on the sample adult file). For more information on how the 2019 redesign impacted data collection, please see the user note. IMPINCFAM indicates if the family income was imputed and QTCINCFAM indicates if the income was top-coded.
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	253
End Position:	258
Width:	6
Variable	numeric

Format:	
Implied Decimal Places:	0
Coder Instructions:	CodesFAMTOTINC is a 6-digit variable: 220000: \$220,000 or more (2019) 250000: \$250,000 or more (2020-forward)

**Variable: "QTCINCFAM"**

Name:	QTCINCFAM						
Label:	Family income top code flag						
Variable Text:	For sample children and sample adults, QTCINFCAM indicates if the family income as reported in FAMTOTINC was top coded at \$220,000 or more. IMPINCFAM reports if the family income was imputed.						
Concept:	Total Income and Earnings Variables -- PERSON						
Start Position:	259						
End Position:	259						
Width:	1						
Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> </tbody> </table>		Value	Label	1	No	2	Yes
Value	Label						
1	No						
2	Yes						

**Variable: "IMPINCFAM"**

Name:	IMPINCFAM
Label:	Family income imputation flag
Variable Text:	For sample adults and sample children, IMPINCFAM reports the imputation status of the total family income as reported in FAMTOTINC. QTCINCFAM indicates if the family income

	was top coded.								
Concept:	Total Income and Earnings Variables -- PERSON								
Start Position:	260								
End Position:	260								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>Income reported</td></tr> <tr> <td>1</td><td>Income imputed; no other information</td></tr> <tr> <td>2</td><td>Income imputed; reported in income brackets</td></tr> </tbody> </table>		Value	Label	0	Income reported	1	Income imputed; no other information	2	Income imputed; reported in income brackets
Value	Label								
0	Income reported								
1	Income imputed; no other information								
2	Income imputed; reported in income brackets								

## Variable: "CPI2009"

Name:	CPI2009
Label:	CPI conversion factor
Variable Text:	<p>For sample adults and sample children, CPI2009 provides the Consumer Price Index multiplier (available from the Bureau of Labor Statistics) to convert dollar figures to constant 2009 dollars. Multiplying dollar amounts by this variable (which is constant within years) will render them comparable across time and thus suitable for multivariate analysis. Prior to 2019, CPI2009 is available for all persons.</p> <p>For IPUMS NHIS, 2009 dollars represent data in 2010 as income is asked about for the previous year.</p> <p>For more information on how to use CPI2009, please see the IPUMS NHIS User Notes on Consumer Price Index.</p>
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	261
End Position:	264

Width:	4
Variable Format:	numeric
Implied Decimal Places:	3

## Variable: "INCIMP1"

Name:	INCIMP1
Label:	Imputed total combined family income (1997+ grouping)
Variable Text:	<p>INCIMP1 is a variable that includes imputed values to replace missing data for the original variable INCFAM97ON2, a recoded variable of total combined family income (from all sources) in the previous calendar year. The complementary imputation flag variable IMPYFAMFLAG1 indicates whether responses in INCIMP1 were reported or imputed.</p> <p><b>Related Variables and Sources of Additional Information</b></p> <p>INCIMP1 is the first of five variables that contain imputed values for total family income. It was created as part of a set of variables that provide complete (i.e., without missing values) data on family income. One of the purposes of NHIS data is to study relationships between income and health and to monitor health and health care for persons at different income levels. However, as the technical documentation on "Multiple Imputation of Family Income and Personal Earnings in the National Health Interview Survey: Methods and Examples" describes, non-response rates are high for questions on total family income in the previous calendar year and personal earnings from employment in the previous calendar year. For more information on the imputation methodology, see EMPSTATIMP1.</p> <p>Before using the imputed income and earnings variables, researchers are strongly advised to read the NCHS documentation on imputed income, such as 2018 Imputed Family/Personal Earnings Files. This documentation cautions that each of the five datasets must be merged with other data from the survey to form a single completed dataset. For IPUMS NHIS data users, the imputed income files have already been merged with other data from each survey year for 1997 through the current year of data, as part of the process of adding these imputed income files and variables to the IPUMS NHIS database.</p> <p>The NCHS documentation for the imputed income files directs that analysis of the five versions of each imputed income variable should be done separately, using methods and software that are appropriate for such survey data (for example, SAS-callable SUDAAN or SAS-callable IVEware). Only then can estimates and standard errors be combined using the combining rules described in the aforementioned document on "Multiple Imputation of Family Income and Personal Earnings in the National Health Interview Survey." The 2018 imputed income file documentation further warns:</p> <p>The extra variability due to imputation CANNOT be incorporated by simply analyzing a SINGLE completed data set as if the imputed values were true values. Moreover, analysts SHOULD NOT create a single completed data set using the AVERAGE of the five sets of imputed values.</p> <p>Examples of correct data analyses and additional information about the procedures used to create the imputed data are provided in the technical documentation referred to above.</p>
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	265
End	266

Position:	
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
01	\$0-\$4,999
02	\$5,000-\$9,999
03	\$10,000-\$14,999
04	\$15,000-\$19,999
05	\$20,000-\$24,999
10	\$25,000-\$34,999
11	\$25,000-\$29,999
12	\$30,000-\$34,999
20	\$35,000-\$44,999
21	\$35,000-\$39,999
22	\$40,000-\$44,999
30	\$45,000-\$54,999
31	\$45,000-\$49,999
32	\$50,000-\$54,999
40	\$55,000-\$64,999
41	\$55,000-\$59,999
42	\$60,000-\$64,999
50	\$65,000-\$74,999
51	\$65,000-\$69,999
52	\$70,000-\$74,999

60	\$75,000 and over
61	\$75,000-\$79,999
62	\$80,000-\$84,999
63	\$85,000-\$89,999
64	\$90,000-\$94,999
65	\$95,000-\$99,999
66	\$100,000 and over
67	\$100,000-\$104,999
68	\$105,000-\$109,999
69	\$110,000-\$114,999
70	\$115,000 and over

## Variable: "WELFMO"

Name:	WELFMO
Label:	Months received welfare income, previous calendar year
Variable Text:	<p>For persons who received welfare, Aid for Families with Dependent Children (AFDC/ADC) or Temporary Assistance for Needy Families (TANF) general assistance, or cash assistance during the month prior to the interview (1991-1996) or in the last calendar year (1997 forward), WELFMO reports the approximate number of months the person received the assistance during the previous calendar year.</p> <p>Please refer to the Universe and Comparability tabs for more detailed information on the comparability of this variable.</p> <p>&amp;nbsp;In 1991-1996, WELFMO is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. In 1997 and onward, WELFMO is part of the Person Core questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable WELFMOFLAG to identify persons with imputed data.</p>
Concept:	Income Sources Variables -- PERSON
Start Position:	267
End Position:	268
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
00	NIU
01	1 month
02	2 months
03	3 months
04	4 months
05	5 months
06	6 months
07	7 months
08	8 months
09	9 months
10	10 months
11	11 months
12	12 months
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

### Variable: "GOTWELF"

Name:	GOTWELF
Label:	Received income from welfare/public assistance, previous calendar year
Variable Text:	For all persons, GOTWELF indicates if, at any time during the month prior to the interview (1990-1996) or during the last calendar year (1997 forward), the person received any government assistance payments because of low income. Respondents were instructed not to include food stamps, SSI, energy assistance, or medical assistance payments.

From 1993 to 1996, this question was not asked of persons living in single-person or married-couple households whose annual income was \$20,000 or more. Please refer to the Universe and Comparability tabs for more detailed information on changes in the universe across survey years.

&nbsp;From 1990 to 1996, GOTWELF is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. Starting in 1997, this variable is part of the core person questionnaire.

Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable QINCWELF to identify persons with imputed data.

Concept:	Income Sources Variables -- PERSON
Start Position:	269
End Position:	270
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	NIU
10	No
20	Yes
21	Yes, last calendar year
22	Yes, last month
70	Unknown-refused
80	Unknown-not ascertained
90	Unknown-don't know

### Variable: "GOTNEWELF"

Name:	GOTNEWELF
-------	-----------

Label:	Received other (new welfare reform) assistance from government program														
Variable Text:	For all persons, GOTNEWELF indicates if, during the last calendar year, the person received any kind of welfare assistance, such as help getting a job, placement in education or job training programs, or help with transportation or child care during the last calendar year, EXCLUDING welfare assistance from Temporary Assistance for Needy Families (GOTWELF) or public rent assistance (LOWRENT).														
Concept:	Income Sources Variables -- PERSON														
Start Position:	271														
End Position:	271														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

## Variable: "GOTSSISSDI"

Name:	GOTSSISSDI
Label:	Received income from SSI or SSDI, previous calendar year
Variable Text:	For sample children and sample adults where the respondent for the sample child/sample adult respondent did not refuse to answer both questions about whether they received income from wages and income from accounts, GOTSSISSDI indicates whether, in the past year, anyone in their family received Supplemental Security Income (SSI) or Social Security Disability Income (SSDI).

Concept:	Income Sources Variables -- PERSON														
Start Position:	272														
End Position:	272														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

## Variable: "WCHSSISSDI"

Name:	WCHSSISSDI
Label:	Received SSI, SSDI, or both
Variable Text:	For sample children and sample adults living in families where someone receives SSI and/or SSDI (GOTSSISSDI), WCHSSISSDI reports whether their family member(s) receive SSI, SSDI, or both.
Concept:	Income Sources Variables -- PERSON
Start Position:	273
End Position:	273
Width:	1

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	SSI
2	SSDI
3	Both SSI and SSDI
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### Variable: "WHYSSISSDI"

Name:	WHYSSISSDI
Label:	Received SSI, SSDI, or both due to disability
Variable Text:	For sample children and sample adults with at least one family member receiving SSI and/or SSDI (GOTSSISSDI), WHYSSISSDI indicates whether the SSI and/or SSDI was received due to a disability.
Concept:	Income Sources Variables -- PERSON
Start Position:	274
End Position:	274
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "GOTSSI"

Name:	GOTSSI
Label:	Received income from SSI, previous calendar year
Variable Text:	<p>For all persons (except in 1981), GOTSSI indicates if the person received Supplemental Security Income (SSI) at the time of the interview (1978 to 1989), during the month prior to the interview (1990 to 1996), and during the previous calendar year (1997 onward). If necessary, respondents were given the following description of SSI: "Federal SSI checks are either automatically deposited in a bank or mailed to arrive on the first of every month".</p> <p>Please refer to the Universe and Comparability tabs for more information on changes in the universe of this variable.</p> <p>&amp;nbsp;From 1990 to 1996, GOTSS is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. Starting in 1997, this variable is part of the core person questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable GOTSSIFLAG to identify persons with imputed data.</p>
Concept:	Income Sources Variables -- PERSON
Start Position:	275
End Position:	276
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
00	NIU
10	No
20	Yes
21	Yes, receive SSI now
22	Yes, received SSI last month
23	Yes, received SSI last year
70	Unknown-refused
80	Unknown-not ascertained
90	Unknown-don't know

**Variable: "GOTSSIWHY"**

Name:	GOTSSIWHY		
Label:	Received SSI due to disability		
Variable Text:	For all persons who received Supplemental Security Income, or SSI, GOTSSIWHY indicates if the person received SSI due to disability during the previous calendar year.		
Concept:	Income Sources Variables -- PERSON		
Start Position:	277		
End Position:	277		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th><b>Value</b></th><th><b>Label</b></th></tr> </thead> </table>		<b>Value</b>	<b>Label</b>
<b>Value</b>	<b>Label</b>		

	0	NIU
	1	No
	2	Yes
	7	Unknown-refused
	8	Unknown-not ascertained
	9	Unknown-don't know

**Variable: "SSIAPPLY"**

Name:	SSIAPPLY				
Label:	Ever applied for SSI				
Variable Text:	<p>For all persons who did not receive Supplemental Security Income (SSI) or for whom it was unknown whether they received SSI in 1997, and for all persons in 1993-1996 and 1998 onward, SSIAPPLY indicates if the person has ever applied for SSI benefits, even if the claim was denied.</p> <p>From 1993 to 1996, SSIAPPLY is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. Starting in 1997, this variable is part of the core person questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable SSIAPPLYFL to identify persons with imputed data.</p>				
Concept:	Income Sources Variables -- PERSON				
Start Position:	278				
End Position:	278				
Width:	1				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> </tbody> </table>		Value	Label	0	NIU
Value	Label				
0	NIU				

1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "GOTSS"**

Name:	GOTSS						
Label:	Received income from Social Security/RRR, previous calendar year						
Variable Text:	<p>For all persons, GOTSS indicates if, during the month prior to the interview (1990-1996) or during the last calendar year (1997 forward), the person received income from Social Security or Railroad Retirement. In 1993, this question was only asked of persons who were interviewed in quarters 3 and 4.</p> <p>From 1990 to 1996, GOTSS is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. Starting in 1997, this variable is part of the core person questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable GOTSSFLAG to identify persons with imputed data. See GOTWAGE for additional related variables.</p>						
Concept:	Income Sources Variables -- PERSON						
Start Position:	279						
End Position:	280						
Width:	2						
Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>00</td><td>NIU</td></tr> <tr><td>10</td><td>No</td></tr> </tbody> </table>		Value	Label	00	NIU	10	No
Value	Label						
00	NIU						
10	No						

	20	Yes
	21	Yes, last calendar year
	22	Yes, last month
	70	Unknown-refused
	80	Unknown-not ascertained
	90	Unknown-don't know

## Variable: "GOTSSDIS"

Name:	GOTSSDIS		
Label:	Received SS/RR as disability benefit, previous calendar year		
Variable Text:	<p>For all persons in 1977 and all persons under age 65 who received Social Security or Railroad Retirement income during the month prior to the interview (1991-1996) or during the last calendar year (1998 forward), GOTSSDIS indicates if the person's Social Security or Railroad Retirement income was received as a disability benefit. In 1993, this question was only asked of persons who were interviewed in quarters 3 and 4.</p> <p>From 1991 to 1996, GOTSSDIS is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. In 1977 and 1998 onward, this variable is part of the core person questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable GOTSSDISFL to identify persons with imputed data.</p>		
Concept:	Income Sources Variables -- PERSON		
Start Position:	281		
End Position:	282		
Width:	2		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

00	NIU
10	No
20	Yes
21	Yes, last month
22	Yes, last 12 months
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "SSDIAPPLY"

Name:	SSDIAPPLY
Label:	Ever applied for SSDI
Variable Text:	<p>For all persons (except for the 1997 survey), SSDIAPPLY reports whether the person has ever applied for disability benefits from Social Security even if the claim was denied (1997 onward). From 1993 to 1996, there were no instructions about claims that were denied.</p> <p>In 1993, this question was only asked of persons who were interviewed in quarters 3 and 4. In 1997, this was asked for persons who did not receive disability benefits from Social Security or for whom this was unknown.</p> <p>Social Security payments can be made to persons who have worked long enough and paid Social Security taxes. Only individuals who have a disability and meet medical criteria for a disabling condition may qualify for benefits. Users can refer to the Social Security website for qualifying criteria (<a href="http://www.ssa.gov">www.ssa.gov</a>). Please use the IPUMS NHIS drop down menu and search functions for related variables.</p> <p>From 1993 to 1996, SSDIAPPLY is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. From 1997 onward, this variable is part of the core person questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable SSDIAPPLYFL to identify persons with imputed data.</p>
Concept:	Income Sources Variables -- PERSON
Start Position:	283
End Position:	283
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "GOTDIV"

Name:	GOTDIV
Label:	Received income from dividends from stocks/funds, previous calendar year
Variable Text:	<p>For all persons, GOTDIV indicates if, during the month prior to the interview (1990-1996) or in the previous calendar year (from 1997 forward), the person received dividends from stocks, mutual funds, or net rental income from property, royalties, estates, or trusts.</p> <p>In 1993, this question only asked of persons who were interviewed in quarters 3 and 4. From 1990 to 1996, GOTDIV is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. From 1997 forward, this variable is part of the person core questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable QINCDIVI to identify persons with imputed data.</p>
Concept:	Income Sources Variables -- PERSON
Start Position:	284
End Position:	285
Width:	2
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
00	NIU
10	No
20	Yes
21	Yes, last calendar year
22	Yes, last month
70	Unknown-refused
80	Unknown-not ascertained
90	Unknown-don't know

### Variable: "GOTINT"

Name:	GOTINT
Label:	Received income from savings/bank account interest, previous calendar year
Variable Text:	<p>For all persons, GOTINT reports if, during the month prior to the interview (in samples 1990-1996) or in the last calendar year (in samples 1997 forward), the person received income from interest from savings or other interest-bearing bank accounts (including investments). In 1993, this question was only asked of persons who were interviewed in quarters 3 and 4.</p> <p>Please see Comparability tab for changes in wording between samples. From 1990 to 1996, GOTINT is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. Starting in 1997, this variable is part of the person core questionnaires.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable QINCINT to identify persons with imputed data. See GOTWAGE for additional related variables.</p>
Concept:	Income Sources Variables -- PERSON
Start Position:	286
End Position:	287

Width:	2																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
<b>Categories</b>																			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>00</td><td>NIU</td></tr> <tr><td>10</td><td>No</td></tr> <tr><td>20</td><td>Yes</td></tr> <tr><td>21</td><td>Yes, last calendar year</td></tr> <tr><td>22</td><td>Yes, last month</td></tr> <tr><td>70</td><td>Unknown-refused</td></tr> <tr><td>80</td><td>Unknown-not ascertained</td></tr> <tr><td>90</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	00	NIU	10	No	20	Yes	21	Yes, last calendar year	22	Yes, last month	70	Unknown-refused	80	Unknown-not ascertained	90	Unknown-don't know
Value	Label																		
00	NIU																		
10	No																		
20	Yes																		
21	Yes, last calendar year																		
22	Yes, last month																		
70	Unknown-refused																		
80	Unknown-not ascertained																		
90	Unknown-don't know																		

## Variable: "GOTOTHPEN"

Name:	GOTOTHPEN
Label:	Received income from other pensions, past calendar year
Variable Text:	<p>For all persons, GOTOTHPEN indicates if, during the month prior to the interview (1993-1996) or in the last calendar year (1997 forward), the person received income from any retirement or survivor pension other than Social Security, Railroad Retirement, or a disability pension. In 1993, this question was only asked of persons who were interviewed in quarters 3 and 4.</p> <p>Please see GOTWAGE for additional related variables.      From 1993 to 1996, GOTOTHPEN is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings. Starting in 1997, this variable is part of the core person questionnaire.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variable QINCRETI to identify persons with imputed data.</p>
Concept:	Income Sources Variables -- PERSON

Start Position:	288														
End Position:	288														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "GOTWAGE"

Name:	GOTWAGE
Label:	Received income from wages/salary, previous calendar year
Variable Text:	<p>For all persons age 18 and over, GOTWAGE indicates if the person received income from wages or salary during the previous calendar year.</p> <p>Related Variables</p> <p>Additional sources of income include:</p> <p>Self-employment (GOTSEMP);</p> <p>Social Security or Railroad Retirement (GOTSS);</p> <p>Any other pension (GOTOTHPEN);</p> <p>Dividends or net rental income (GOTDIV);</p> <p>Interest income (GOTINT);</p> <p>Child support (GOTCHSUP).</p>

	Income from any other source (GOTOTHER).														
Concept:	Income Sources Variables -- PERSON														
Start Position:	289														
End Position:	289														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

## Variable: "GOTSEMP"

Name:	GOTSEMP
Label:	Received income from self-employment, previous calendar year
Variable Text:	For all persons age 18 and over, GOTSEMP indicates if, during the previous calendar year, the person received income from self-employment. See GOTWAGE for additional related variables.
Concept:	Income Sources Variables -- PERSON
Start Position:	290
End Position:	290

Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "GOTCHSUP"

Name:	GOTCHSUP
Label:	Received income from child support, previous calendar year
Variable Text:	For all persons, GOTCHSUP reports if, in the previous calendar year, the person received income from child support.  See GOTWAGE for additional related variables.
Concept:	Income Sources Variables -- PERSON
Start Position:	291
End Position:	291
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "OWNERSHIP"

Name:	OWNERSHIP		
Label:	Family's home owned or rented		
Variable Text:	<p>For sample adults aged 55 and older in 1984 and for all persons from 1993 forward, OWNERSHIP indicates whether the house/apartment that the sample person is living in is owned or being bought, rented, or is occupied by some other arrangement by the person or someone in her/his family or household.</p> <p>This variable was first introduced in 1984 as part of the Supplement on Aging. From 1993 to 1996, this variable is part of the Family Resources supplement that provides information on individuals' health benefits, amount of coverage and income received from employment, welfare benefits, public assistance, and savings.</p> <p>Questions in the Family Resources supplement are different from those in the core survey in terms of the content and the treatment of missing data. Questions in the Family Resources were normally asked of the month prior to the interview while the core survey asked of the last calendar year. All missing data in the Family Resources supplement were imputed by NHIS. Users can refer to the imputation flag variables OWNFL, RENTMONEYFL, and RENTFREEFL to identify persons with imputed data.</p>		
Concept:	Housing Variables -- PERSON		
Start Position:	292		
End Position:	293		
Width:	2		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> </table>		Value	Label
Value	Label		

00	NIU
10	Owned or being bought
11	Owned
12	Being bought
20	Rented
30	Other arrangement
40	Rent free
97	Unknown--refused
98	Unknown--not ascertained
99	Unknown--don't know

### Variable: "LOWRENT"

Name:	LOWRENT
Label:	Family pays lower rent due to government program
Variable Text:	<p>For sample persons living in a rented house or apartment, LOWRENT indicates whether the respondent or anyone in the respondent's family was paying lower rent because the federal, state, or local government was paying part of the cost.</p> <p>Government housing assistance may come in the form of monetary assistance to help pay rent, a program called "Section 8," direct payments to landlords, vouchers, or other types of assistance from a local housing authority. Living in public housing is considered housing assistance from the government.</p> <p>For related variables, please use the IPUMS NHIS search function or drop-down menus.</p>
Concept:	Housing Variables -- PERSON
Start Position:	294
End Position:	294
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "HEALTH"

Name:	HEALTH						
Label:	Health status						
Variable Text:	<p>For sample adults and sample children, HEALTH rates an individual's general health (as self-reported by the person in question or evaluated by a family member) on a four-point (1972-81) or five-point (1982 forward) Likert scale, ranging from "excellent" to "poor" (along with an unrated "unknown" category).</p> <p>For 1997-2018, HSTATYR reports whether the health status of sample adults and sample children was better, worse, or about the same as one year ago.</p>						
Concept:	General Health Variables -- PERSON						
Start Position:	295						
End Position:	295						
Width:	1						
Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>Excellent</td></tr> <tr> <td>2</td><td>Very Good</td></tr> </tbody> </table>		Value	Label	1	Excellent	2	Very Good
Value	Label						
1	Excellent						
2	Very Good						

3	Good
4	Fair
5	Poor
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "HEIGHT"**

Name:	HEIGHT
Label:	Height in inches without shoes
Variable Text:	HEIGHT reports the approximate height of sample adults and sample children ages 10-17, in inches. Prior to 2020, HEIGHT was only asked of adults. The values for this variable are based on self-reports or proxy reports/estimates by respondents for other household members, supplied in response to the question, "About how tall is [person] without shoes?" Such data are less accurate than, and thus not fully comparable to, data on height gleaned via direct measurement in other surveys, such as NHANES (the National Health and Nutrition Examination Survey fielded by the National Center for Health Statistics). In 1974 only, the question does not specify "without shoes."
Concept:	General Health Variables -- PERSON
Start Position:	296
End Position:	297
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	NIU
12	12
13	13

14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41

	42
	43
	44
	45
	46
	47
	48
	49
	50
	51
	52
	53
	54
	55
	56
	57
58	58 (1996: 58 inches or less)
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69

	70
	71
	72
	73
	74
	75
	76
77	77 (1996: 77+ inches)
78	78
79	79
80	80
81	81
82	82
83	83
84	84 (1976 - 1981: 84+ inches)
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94+
95	Unknown-all causes
96	Exceptionally short or tall (2019-forward: or sex is unknown)
97	Unknown-refused

98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "WEIGHT"

Name:	WEIGHT
Label:	Weight in pounds without shoes
Variable Text:	<p>WEIGHT reports the approximate weight of sample adults and sample children ages 10-17, in pounds. Prior to 2020, WEIGHT is only asked of adults. The values for this variable are based on self-reports or proxy reports/estimates by respondents for other household members, supplied in response to the question, "About how much does [person] weigh without shoes?" In 1974 only, the question does not specify "without shoes" and in 1976 and 1977 the question specifies "without clothes or shoes."</p> <p>Such verbally reported data are less accurate than, and thus not fully comparable to, data on weight gleaned via direct measurement in other surveys, such as NHANES (the National Health and Nutrition Examination Survey fielded by the National Center for Health Statistics). Indeed, the Field Representative's Manual for 1991 specified that one rationale for collecting height and weight data in the NHIS was to compare respondents' answers to the distribution of actual body measurements obtained in the Health and Nutrition Examination Survey, "to determine the reliability of self-reported or proxy-reported heights and weights."</p>
Concept:	General Health Variables -- PERSON
Start Position:	298
End Position:	300
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesWEIGHT is a 3-digit-numeric variable. The upper and lower weight thresholds for public data suppression vary over time. User should carefully review the codes below before making cross-year comparisons or interpreting results.</p> <p>1997-forward codes      000: Not in Universe      99: 99 pounds or less (FEMALES only, 1997-2005)      100: 100 pounds or less (FEMALES only, 2006-forward)      126: 126 pounds or less (MALES only, 1997-forward)      259: 259 pounds or more (FEMALES only, 1997-2005)      274: 274 pounds or more (FEMALES only, 2006-forward)      285: 285 pounds or more (MALES only, 1997-2005)      299: 299 pounds or more (MALES only, 2006-forward)      996: Exceptionally low or high weight (2019-forward: or sex is missing)      997: Unknown-refused      998: Unknown-not ascertained      999: Unknown-don't know</p>

In 1997-forward, data are NOT top and bottom coded, but instead cases outside of these upper and lower bounds are assigned to a code of "996: Exceptionally low or high weight". Additionally, these thresholds differ by sex.

Pre-1997 codes:

- 000: Not in Universe (includes 2 reported "0" values in 1974, which has no bottom-code)
- 50: 50 pounds or less (1976-1995)
- 97: 97 pounds or less (1996)
- 290: 290 pounds or more (1996)
- 300: 300 pounds or more (1976 and 1978)
- 400: 400 pounds or more (1977, 1979-1981)
- 500: 500 pounds or more (1982-1995)
- 997: 997 pounds or more (1974)
- 995: Unknown - all causes

## Variable: "BMICALC"

Name:	BMICALC
Label:	Body Mass Index, calculated from publicly released height and weight variables
Variable Text:	<p>BMICALC reports the Body Mass Index, a measure of body fat based on height and weight, as calculated by IPUMS NHIS from the public use file data on height and weight. BMICALC was calculated using the following formula: [Weight in pounds/(Height in inches, squared)] multiplied by 703 and rounded to one digit past the implied decimal point. Individuals not asked their weight and height are coded "000" (for "Not in universe") for BMICALC. Individuals whose weight or height was topcoded, bottomcoded, or, for 1997 forward, an outlying value that was suppressed for confidentiality reasons, receive a code of "996" for BMICALC.</p> <p>The website of the Centers for Disease Control and Prevention on BMI reports the following "standard weight status categories associated with BMI ranges for adults." BMI below 18.5 is associated with "underweight" weight status; BMI 18.5 to 24.9 is associated with "normal" weight status; BMI 25.0 to 29.9 is associated with "overweight" weight status; BMI 30.0 and above is associated with "obese" weight status.</p> <p>The CDC website also notes, "the correlation between the BMI number and body fatness is fairly strong; however, the correlation varies by sex, race, and age." For example, women tend to have more body fat than men at the same BMI; older people, on average, tend to have more body fat than young adults; and highly trained athletes may have a high BMI because of increased muscularity rather than increased body fatness. The CDC adds, "It is important to remember that BMI is only one factor related to risk for disease," and that other predictors, such as waist circumference and levels of blood pressure and physical activity, are also important.</p>
Concept:	General Health Variables -- PERSON
Start Position:	301
End Position:	304
Width:	4
Variable Format:	numeric
Implied Decimal Places:	1

Coder Instructions:	CodesBMICALC is a variable with three columns and one implied decimal place. 0.0 = NIU 996 = Not calculable
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**Variable: "BMI"**

Name:	BMI
Label:	Body mass index
Variable Text:	<p>For sample adults, BMI reports the Body Mass Index, a measure of body fat based on height and weight that applies to adult men and women.</p> <p>Calculation of BMI</p> <p>The Codebooks for 1997 forward provide information about the calculation of BMI by the National Center for Health Statistics (NCHS) and about the interpretation of the results.</p> <p>&amp;nbsp;For 2004-2005, this information was phrased as follows:      BMI was calculated using the inhouse version of the height and weight variables, which contain the greater range of height and weight values than are available on the public use file. BMI values shown [as the range of values reported in the codebook] are theoretical, not actual ranges. <math>BMI = [\text{Weight(kg)}]/[\text{Height(m)} \text{ squared}]</math>], rounded to 2 decimal places. Conversion factors: 1 kg = 2.205 pounds; 1 meter (m) = 39.37 inches. For both men and women, underweight is BMI less than 18.5; healthy weight is BMI 18.5 to less than 25; overweight is BMI greater than or equal to 25; obesity is BMI greater than or equal to 30. The wording in the Codebooks for 1997-2003 was slightly different, but the substantive meaning was the same as in the text quoted above.</p> <p>&amp;nbsp;The conversion factors for 2006 forward were slightly different, with 1 kilogram defined as 2.20462 pounds and 1 meter defined as 39.37008 inches.</p> <p>As the basis for BMI, the survey collected information about the individual's height and weight. For height, interviewers asked, "How tall are you without shoes?"; for weight, interviewers asked, "How much do you weigh without shoes?" These results are reported in HEIGHT and WEIGHT, respectively.</p> <p>In the public use files, for 1997 forward, the heights and weights of people with unusually high or low values were suppressed, to protect respondents' confidentiality. As mentioned in the quote above, to calculate BMI, the NCHS used the full range of weight and height values for respondents, not the restricted range of values included in the public use data files.</p>
Concept:	General Health Variables -- PERSON
Start Position:	305
End Position:	308
Width:	4
Variable Format:	numeric
Implied Decimal Places:	2

Coder Instructions:	CodesBMI is a variable with four columns and two implied decimal places. 0000: NIU 9980: 99.8+ 9999: Unknown
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**Variable: "BMICAT"**

Name:	BMICAT
Label:	Categorical body mass index
Variable Text:	For sample adults and sample children ages 10-17, BMICAT reports their Body Mass Index grouped into categories: underweight (BMI less than 18.5), normal weight (BMI of greater than or equal to 18.5 and less than 25), overweight (BMI of greater than or equal to 25 and less than 30), and obese (BMI equal to 30 or more). Prior to 2020, BMICAT is only asked of adults. For 1991, 1993, 1995, and 1997-2018, IPUMS NHIS staff recoded the values of BMI to create BMICAT. Beginning in 2019, BMI was no longer made available by NCHS on the original NHIS files and BMICAT replaced BMI. For information about comparability between 2018 and earlier years, please refer to the comparability tab on BMI.
Concept:	General Health Variables -- PERSON
Start Position:	309
End Position:	309
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	Underweight (BMI < 18.5)
2	Normal weight (BMI >= 18.5 & BMI < 25)
3	Overweight (BMI >= 25 & BMI < 30)
4	Obese (BMI 30+)
9	Unknown

**Variable: "HEIGHTKID"**

Name:	HEIGHTKID
Label:	Height in inches of child
Variable Text:	<p>For sample children, HEIGHTKID reports responses to the question, "How tall is [Child's name] now (without shoes)?" and provides the height in inches of the child. Respondents could report child's height in either inches or metric format (meters and centimeters), but metric responses were converted into inches (less than 1% of respondents reported in metric form).</p> <p>Questions about children's current height (and weight) were limited to children aged 12-17 years. This limitation was introduced because of serious concerns about the reporting accuracy of height and weight information for younger children due to the rapid growth of children at younger ages. An internal consistency check was also included in the survey instrument to improve data quality: extreme values triggered a request for interviewer verification of data entry and re-asking height (and weight).</p> <p>Extreme values for HEIGHTKID and WEIGHTKID were subject to data editing, in part to protect the confidentiality of sample children who might be identifiable by their unusual physical characteristics. The sex-specific height-for-age and weight-for-age values of the highest 1½ percent of records and the lowest 1½ percent of records (based on values from the 2004-2008 NHIS) were changed to "96" ("Not available"). In cases where such extreme values were reported for either current height or current weight, the responses for both variables were changed to "Not available" on the public use data file.</p>
Concept:	General Health Variables -- PERSON
Start Position:	310
End Position:	311
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	NIU
49	49
50	50
51	51
52	52

53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
96	Not available
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

**Variable: "WEIGHTKID"**

Name:	WEIGHTKID
Label:	Weight in pounds of child
Variable Text:	<p>This variable provides responses to the question, "How much does {S.C name} weigh now (without shoes)?" Respondents could report child's weight in either pounds or metric format (kilograms), but metric responses were converted into pounds (less than 1% of respondents reported in metric form).</p> <p>Questions about children's current weight (and height) were limited to children aged 12-17 years. This limitation was introduced because of serious concerns about the reporting accuracy of weight information for younger children due to the rapid growth of children at younger ages. An internal consistency check was also included in the survey instrument to improve data quality: extreme values triggered a request for interviewer verification of data entry and re-asking weight (and height).</p> <p>Extreme values for WEIGHTKID (and for HEIGHTKID) were also subject to data editing, in part to protect the confidentiality of sample children who might be identifiable by their unusual physical characteristics. The sex-specific weight-for-age and height-for-age values of the highest 1.5 percent of records and the lowest 1.5 percent of records (based on values from the 2004 - 2008 NHIS) were changed to "96" ("Not available"). In cases where such extreme values were reported for either current height or current weight, the data for both variables were changed to "Not available" on the public use data file.</p>
Concept:	General Health Variables -- PERSON
Start Position:	312
End Position:	314
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesWEIGHTKID is a 3-digit-numeric variable.</p> <p>000: Not in Universe      996: Not available      997: Unknown-refused      998: Unknown-not ascertained      999: Unknown-don't know</p>

## Variable: "BMIKID"

Name:	BMIKID
Label:	Body mass index of child
Variable Text:	<p>BMIKID is the variable identifying Body Mass Index (BMI), a measure of body weight relative to height, was calculated using the formula: BMI = kilograms / [meters, squared]. Kilograms and meters were derived from pounds and inches using the following factors: 1 kilogram=2.20462 pounds; 1 meter=39.37008 inches. BMI was</p>

	<p>calculated for all sample children aged 12-17 years with a reported current height and weight, including those for whom specific height and weight values were changed to "96" (not available) on the public use file.</p> <p>BMIKID is derived from the two variables HIEGHTKID and WEIGHTKID. These two variables were subject to data quality checks to ensure accuracy during data collection, as well as data editing of extreme values. To protect the confidentiality of sample children who might be identifiable by their unusual physical characteristics, the highest 1.5 percent of records and the lowest 1.5 percent of records, the sex-specific height-for-age and weight-for-age values of were changed to "96" ("Not available"). For example, a 12 year old girl who weighed 60 lbs. or less (lowest 1.5 percent of records) or 188 lbs. or more (highest 1.5 percent of records) was coded as not available. In cases where extreme values were reported for either current height or current weight, the data for both variables were changed to "Not available" on the public use data file.</p> <p>BMI variable values are released as 4 digit numbers with two decimal places implied. For example, a value of 2587 for the BMI variable indicates a 25.87 BMI.</p>
Concept:	General Health Variables -- PERSON
Start Position:	315
End Position:	318
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesBMIKID is a 4-digit-numeric variable.</p> <p>0: Not in Universe      9995: 99.95      9999: Unknown</p>

## Variable: "BEDAYR2"

Name:	BEDAYR2
Label:	Bed disability days in past 12 months, intervalled
Variable Text:	BEDAYR2 reports, in broad intervals, the number of days during the preceding 12 months that illness or injury kept the person in bed for more than half the day, including days while hospitalized.
Concept:	General Health Variables -- PERSON
Start Position:	319
End Position:	319

Width:	1																
Variable Format:	numeric																
Implied Decimal Places:	0																
<b>Categories</b>																	
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>None</td></tr> <tr> <td>2</td><td>1-7 days</td></tr> <tr> <td>3</td><td>8-30 days</td></tr> <tr> <td>4</td><td>31-180 days</td></tr> <tr> <td>5</td><td>181-365 days</td></tr> <tr> <td>9</td><td>Unknown</td></tr> </tbody> </table>		Value	Label	0	NIU	1	None	2	1-7 days	3	8-30 days	4	31-180 days	5	181-365 days	9	Unknown
Value	Label																
0	NIU																
1	None																
2	1-7 days																
3	8-30 days																
4	31-180 days																
5	181-365 days																
9	Unknown																

## Variable: "BEDAYR"

Name:	BEDAYR
Label:	Bed disability days, past 12 months
Variable Text:	<p>BEDAYR reports the number of days during the preceding 12 months that illness or injury kept the person in bed for more than half the day, including days while hospitalized. BEDAYR2 reports the number days in intervals.</p> <p>The 1982-1996 Field Representative's Manuals included the following definitions:      Days in bed: Any day during which the person stayed in bed more than half of the day because of illness or injury.      More than half of the day: [M]ore than half of the hours that the person is usually awake.      Bed: Anything used for lying down or sleeping, including a sofa, cot, or mattress. For example, a person who stayed on the sofa watching TV because he/she was not feeling well enough to get around would be considered "in bed."      The important point is that the person felt ill enough to lie down for more than half of the day.</p> <p>Illness or Injury: These terms are respondent defined.</p> <p>The Field Representative's Manuals for 1997-2000 included similarly worded definitions for "Days in bed" and "More than half of the day." The Manuals for 1997 forward included a similarly worded definition for "bed."</p> <p>The 1982-1996 Manuals also included the following instructions for interviewers:      Do not count the hours that the person is usually asleep. Also, do not count a nap as a day in bed unless the person took a nap because of an illness or injury and the nap lasted more than half of the day. Also include any days reported for a newborn, including days in a hospital.</p>
Concept:	General Health Variables -- PERSON

Start Position:	320
End Position:	322
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
000	None
001	1
002	2
003	3
004	4
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006	6
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	363
	364
	365
	366
996	NIU
997	Unknown-refused
998	Unknown-not ascertained
999	Unknown-don't know

## Variable: "SLDAYR"

Name:	SLDAYR
Label:	School loss days, past 12 months
Variable Text:	<p>For sample children between the ages of 5 and 17 and, starting in 2019, sample adults who were either enrolled in or attending school (SCHOOLNOW), SLDAYR reports the number of days during the past twelve months that they missed school due to illness or injury.</p> <p>Definitions; The Field Representative's Manuals for 2001 forward noted that "number of school days missed" was part of a survey section relating to "the general health status of the child." The documentation for 1997 forward provided interviewers with no definition of "school" and no guidance on what constituted a school loss day due to illness or injury.</p> <p>The Manuals for 1981 and 1988 provided slightly more guidance when discussing school loss days for children over the past year:</p> <p>If the child did not attend school most of the past months, count only those days missed because of illness. For example, if the child dropped out after 1 month and missed no days due to illness in that month, mark the 'None' box. However, if the child had to stop attending school because of illness, count all of the days missed because of illness in the past 12 months. Help the respondent determine this number if necessary. Much clearer directions came from an earlier question, asked for all children age 6 to 16 (in 1981) or</p>

age 5 to 17 (in 1988), that had collected information about school loss days during the past two weeks (see SLDAY2WK). The 1981 and 1988 Manual text related to this earlier question supplied formal criteria for defining a "school-loss day" (though this information was not necessarily shared with respondents):

School-loss day--Any scheduled school day when MORE than half of the day was missed due to illness or injury. If the child usually goes to school only part of the day and missed more than half of that time, count the day as a school-loss day. In 1981 and 1988, the question about year-long school loss days was directly preceded by inquiries about school attendance and grade level. Here, in both years, interviewers were directed to count only "regular school." According to the Manuals for 1981 and 1988, if responses indicated that "the child is attending a nonregular school (that is, vocational, trade, or business schools outside the regular school system)," interviewers were directed, "re-ask the question emphasizing that we are interested in regular schools."

The definition of a "regular school" was somewhat different in 1981 and 1988, however. The 1981 Manual directed, "For this section, also consider attendance at nursery school or kindergarten as 'Going to school.'" By contrast, the 1988 Manual asserted, in the same context, "nursery school and preschool are not regular schools."

For 1997 forward, "school" attendance and school loss days due to illness or injury were entirely respondent defined, with no directions provided to interviewers. The related variable about school loss day in the past 2 weeks, SLDAY2WK, was discontinued after 1996 and thus provided no definitions relevant to SLDAYR for 1997 and later years.

Concept:	General Health Variables -- PERSON
Start Position:	323
End Position:	325
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

#### Categories

Value	Label
000	None
001	1 day
002	2 days
003	3 days
004	4 days
005	5 days
006	6 days

007	7 days
008	8 days
009	9 days
010	10 days
011	11 days
012	12 days
013	13 days
014	14 days
015	15 days
016	16 days
017	17 days
018	18 days
019	19 days
020	20 days
021	21 days
022	22 days
023	23 days
024	24 days
025	25 days
026	26 days
027	27 days
028	28 days
029	29 days
030	30 days
031	31 days
032	32 days
033	33 days
034	34 days

035	35 days
036	36 days
037	37 days
038	38 days
039	39 days
040	40 days (40+ days 2018-forward)
041	41 days
042	42 days
043	43 days
044	44 days
045	45 days
046	46 days
047	47 days
048	48 days
049	49 days
050	50 days
051	51 days
052	52 days
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061	61 days
062	62 days

063	63 days
064	64 days
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066	66 days
067	67 days
068	68 days
069	69 days
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071	71 days
072	72 days
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074	74 days
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231	231 days
232	232 days
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234	234 days
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236	236 days
237	237 days
238	238 days
239	239 days
240	240 days
995	Did not go to school
996	NIU
997	Unknown-refused
998	Unknown-not ascertained
999	Unknown-unknown

## Variable: "HSTATYR"

Name:	HSTATYR
Label:	Health status compared to 1 year ago
Variable Text:	<p>HSTATYR reports responses to the question, "Compared with 12 months ago, would you say that [your/sample child's] health is better, worse, or about the same?"</p> <p>Rating of the individual's current state of health on a four-point (1972-81) or five-point scale (1982 forward) --based on self-evaluation or evaluation by a family member--is reported in HEALTH.</p>
Concept:	General Health Variables -- PERSON
Start Position:	326
End Position:	326
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	Better
2	Worse
3	About the same
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "WLDAYR"

Name:	WLDAYR
Label:	Work loss days, past 12 months
Variable Text:	<p>WLDAYR reports the number of days the respondent missed work because of an illness or injury in the last 12 months. Responses were reported as a value between 0 and 366. Beginning in 2019, responses are top-coded at 130 (130+ days). Absence due to maternity or paternity leave was not included.</p> <p>The 1997 Field Representative's Manual describes work loss day as missing more than one-half of the usual work day from a job or business because of illness or injury. Interviewers were instructed to "always probe for an exact number. If the sample adult reports a range or interval, assist the sample adult in making an estimate by probing. For example, you might ask 'Could you give me a more exact number?'"</p> <p>The universe for this question includes those who worked without pay.</p>
Concept:	General Health Variables -- PERSON
Start Position:	327
End Position:	329
Width:	3
Variable Format:	numeric

Implied Decimal Places:	0
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**Categories**

Value	Label
000	None
001	1 day
002	2 days
003	3 days
004	4 days
005	5 days
006	6 days
007	7 days
008	8 days
009	9 days
010	10 days
011	11 days
012	12 days
013	13 days
014	14 days
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018	18 days
019	19 days
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028	28 days
029	29 days
030	30 days
031	31 days
032	32 days
033	33 days
034	34 days
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036	36 days
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042	42 days
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358	358 days
359	359 days

360	360 days
361	361 days
362	362 days
363	363 days
364	364 days
365	365 days
366	366 days
996	NIU
997	Unknown-refused
998	Unknown-not ascertained
999	Unknown-unknown

## Variable: "WLDAYR2"

Name:	WLDAYR2
Label:	Work loss days in past 12 months, truncated
Variable Text:	<p>For sample adults (persons age 17 and older in 1977) who reported working in the past 12 months, WLDAYR2 is a recoded variable that reports the number of days that the person was missed work because of an illness or injury in the past 12 months. This does not include maternity leave</p> <p>WLDAYR2 is part of a series of variables used to determine if an illness or injury has caused persons to restrict their usual activities during the two week reference period. These are aggregated to estimate the annual number of work-loss days, school-loss days, days in bed, and days of cutting down on usual activities. For more information please use the search function and IPUMS NHIS drop-down menus.</p>
Concept:	General Health Variables -- PERSON
Start Position:	330
End Position:	331
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	None
01	1 day
02	2 days
03	3 days
04	4 days
05	5 days
06	6 days
07	7 days
08	8 days
09	9 days
10	10 days
11	11 days
12	12 days
13	13 days
14	14 days
15	15 days
16	16 days
17	17 days
18	18 days
19	19 days
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36	36 days
37	37 days
38	38 days
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41	41 days
42	42 days
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46	46 days
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79	79 days
80	80 days
81	81 days

82	82 days
83	83 days
84	84 days
85	85 days
86	86 days
87	87 days
88	88 days
89	89 days
90	90 days
91	91 days
92	92 days
93	93 days
94	94 days
95	95+ days
96	NIU
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know (1977: Unknown)

### Variable: "WORKVOLHCSET"

Name:	WORKVOLHCSET
Label:	Currently work or volunteer in health care setting
Variable Text:	<p>For sample adults, WORKVOLHCSET reports whether the respondent currently works or volunteers in a health care setting, including hospitals, medical clinics, doctor's or dentist's offices, or nursing homes. This also includes first responders, public safety personnel, part-time and unpaid work in a health care facility and professional nursing care provided in the home. Beginning in 2019, the universe for WORKVOLHCSET excludes respondents who work directly with patients (WORKVOLMED).</p> <p>WORKVOLHCSET is part of a series of questions related to adult access to and utilization of health care. For more information please use the search function and IPUMS NHIS drop-down menus.</p>
Concept:	General Health Variables -- PERSON
Start	332

Position:	
End Position:	332
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "WORKVOLHCPAT"**

Name:	WORKVOLHCPAT
Label:	Currently have direct contact with health care patients
Variable Text:	<p>For sample adults who work or volunteer in a health care setting (WORKVOLHCSET), WORKVOLHCPAT reports whether the respondent provides direct patient care as part of her/his routine work. Direct patient care is specified as activities that include physical or hands-on contact with patients.</p> <p>WORKVOLHCPAT is part of a series of questions related to adult access to and utilization of health care. For more information please use the search function and IPUMS NHIS drop-down menus.</p>
Concept:	General Health Variables -- PERSON
Start Position:	333
End Position:	333
Width:	1

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### Variable: "NBHDTIME"

Name:	NBHDTIME
Label:	Length of time living in present neighborhood
Variable Text:	<p>For sample adults aged 18 and older, NBHDTIME reports the length of time respondents have lived their present neighborhood. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables about neighborhood included in the ASI section, refer to NBHDCLKT.</p>
Concept:	General Health Variables -- PERSON
Start Position:	334
End Position:	334
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	Less than 1 year
2	1-3 years
3	4-10 years
4	11-20 years
5	More than 20 years
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "NBHDCLKT"

Name:	NBHDCLKT
Label:	How much do you agree that this is a close-knit neighborhood
Variable Text:	<p>For sample adults aged 18 and older, NBHDCLKT reports the degree to which they agree with the statement about their present neighborhood, "This is a close-knit neighborhood." This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables</p> <p>Four other variables included in the ASI section also report information on neighborhood: NBHDTIME (length of time living in present neighborhood), NBHDCTON (people you can count on in this neighborhood), NBHDTRUST (people in this neighborhood can be trusted), and NBHDHELP (people in this neighborhood help each other out).</p>
Concept:	General Health Variables -- PERSON
Start Position:	335
End Position:	335
Width:	1
Variable Format:	numeric
Implied Decimal	0

Places:	
<b>Categories</b>	
Value	Label
0	NIU
1	Definitely agree
2	Somewhat agree
3	Somewhat disagree
4	Definitely disagree
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "NBHDCTON"

Name:	NBHDCTON
Label:	How much do you agree that there are people you can count on in this neighborhood
Variable Text:	<p>For sample adults aged 18 and older, NBHDCTON reports the degree to which they agree with the statement about their present neighborhood, "There are people I can count on in this neighborhood." This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables about neighborhood included in the ASI section, refer to NBHDCLKT.</p>
Concept:	General Health Variables -- PERSON
Start Position:	336
End Position:	336
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	NIU
1	Definitely agree
2	Somewhat agree
3	Somewhat disagree
4	Definitely disagree
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "NBHDTRUST"**

Name:	NBHDTRUST
Label:	How much do you agree that people in this neighborhood can be trusted
Variable Text:	For sample adults aged 18 and older, NBHDTRUST reports the degree to which they agree with the statement about their present neighborhood, "People in this neighborhood can be trusted." This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.  Related Variables For a list of other variables about neighborhood included in the ASI section, refer to NBHDCLKT.
Concept:	General Health Variables -- PERSON
Start Position:	337
End Position:	337
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	Definitely agree
2	Somewhat agree
3	Somewhat disagree
4	Definitely disagree
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "NBHDHELP"

Name:	NBHDHELP		
Label:	How much do you agree that people in this neighborhood help each other out		
Variable Text:	<p>For sample adults aged 18 and older, NBHDHELP reports the degree to which they agree with the statement about their present neighborhood, "People in this neighborhood help each other out." This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables about neighborhood included in the ASI section, refer to NBHDCLKT.</p>		
Concept:	General Health Variables -- PERSON		
Start Position:	338		
End Position:	338		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> </table>		Value	Label
Value	Label		

0	NIU
1	Definitely agree
2	Somewhat agree
3	Somewhat disagree
4	Definitely disagree
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "PAINLMT6MO"

Name:	PAINLMT6MO								
Label:	How often did pain limit life or work activities, past 6 months								
Variable Text:	<p>For sample adults who had chronic pain in the past 6 months, PAINLMT6MO reports how often pain limited their life or work activities in the past 6 months.</p> <p>This variable is part of the Sample Adult Chronic Pain supplement, sponsored by the National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP).</p>								
Concept:	General Health Variables -- PERSON								
Start Position:	339								
End Position:	339								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr><td>0</td><td>NIU</td></tr> <tr><td>1</td><td>Never</td></tr> <tr><td>2</td><td>Some days</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Never	2	Some days
Value	Label								
0	NIU								
1	Never								
2	Some days								

3	Most days
4	Every day
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "PREGNANTNOW"

Name:	PREGNANTNOW
Label:	Currently pregnant
Variable Text:	PREGNANTNOW records answers to the question, "Are you currently pregnant?" by female sample adults age 18 to 49 (age 18 to 44 in 1985 and 1990). Beginning in 2019, this question was also asked of female sample adults with a response of "don't know" or "refused" for age. Because the question was only included in the sample adult section of the survey, which limited potential respondents to those age 18 and older, pregnancies in adolescents younger than 18 are not captured by this variable.
Concept:	Women's Health Variables -- PERSON
Start Position:	340
End Position:	340
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes
7	Unknown--refused
8	Unknown--not ascertained

9

Unknown--don't know

**Variable: "PREGEVER"**

Name:	PREGEVER
Label:	Ever been pregnant
Variable Text:	For female sample adults, PREGEVER reports if they have ever been pregnant.
Concept:	Women's Health Variables -- PERSON
Start Position:	341
End Position:	341
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "PREGFLUYR"**

Name:	PREGFLUYR
Label:	Pregnant during last flu season
Variable Text:	For female sample adults ages 18-49 or who don't know or refuse age and who are not currently pregnant (PREGNANTNOW) or are currently pregnant and the interview occurred between April and July, PREGFLUYR indicates whether the person was pregnant during the most recent flu season. The questionnaire defines the flu season as August to March.

Concept:	Women's Health Variables -- PERSON														
Start Position:	342														
End Position:	342														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown - refused</td> </tr> <tr> <td>8</td> <td>Unknown - not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown - don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

## Variable: "PREGFLUSH"

Name:	PREGFLUSH
Label:	Got a flu shot before, during or after pregnancy
Variable Text:	For female sample adults aged 18-49 who received a flu shot and had a pregnancy in the past 12 months, PREGFLUSH indicates if they got the flu shot before, during or after this pregnancy.
Concept:	Women's Health Variables -- PERSON
Start Position:	343
End Position:	344
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
00	NIU
01	Before this pregnancy
02	During this pregnancy
03	After this pregnancy
07	Unknown-refused
08	Unknown-not ascertained
09	Unknown-don't know

### Variable: "TDAPPREG"

Name:	TDAPPREG
Label:	Had Tdap booster shot during pregnancy
Variable Text:	For 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 (LIVEBIRTH), TDAPPREG indicates whether they had a Tdap vaccine during that pregnancy. The questionnaire defines a Tdap vaccine as "a tetanus booster shot that also include pertussis (per-TUH-sis) or whooping cough vaccine."
Concept:	Women's Health Variables -- PERSON
Start Position:	345
End Position:	345
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown - refused
8	Unknown - not ascertained
9	Unknown - don't know

**Variable: "HYSTEV"**

Name:	HYSTEV
Label:	Ever had a hysterectomy
Variable Text:	For sample female adults aged 18 and older, HYSTEV reports whether the respondent has had a hysterectomy.  HYSTEV was first introduced in 1991, as part of a supplement on health promotion and disease prevention.
Concept:	Women's Health Variables -- PERSON
Start Position:	346
End Position:	346
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused

8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "LIVEBIRTH"

Name:	LIVEBIRTH														
Label:	Had live birth in the past 12 months														
Variable Text:	<p>For female sample adults ages 18-49 who did not refuse to say if they are currently pregnant or if they were pregnant in August-March (for interviews that occurred between April and July, therefore capturing the possibility of a recent pregnancy), LIVEBIRTH indicates whether the respondent had a pregnancy that ended in a live birth in the past 12 months.</p> <p>In 2019, the question for LIVEBIRTH was sponsored by the National Center for Immunization and Respiratory Diseases at the Centers for Disease Control and Prevention.</p>														
Concept:	Women's Health Variables -- PERSON														
Start Position:	347														
End Position:	347														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown - refused</td> </tr> <tr> <td>8</td> <td>Unknown - not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown - don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

**Variable: "ALC1YR"**

Name:	ALC1YR														
Label:	Ever had 12+ drinks in any one year														
Variable Text:	For sample adults ages 18 and over, ALC1YR indicates whether the person had at least 12 drinks of any type of alcoholic beverage in any single year of his or her life. Please see Comparability and Universe tabs for information on changes in the wording and universe between samples.														
Concept:	Alcohol Consumption Variables -- PERSON														
Start Position:	348														
End Position:	348														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown - refused</td> </tr> <tr> <td>8</td> <td>Unknown - not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown - don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

**Variable: "ALCLIFE"**

Name:	ALCLIFE
Label:	Had 12+ drinks in entire life
Variable Text:	ALCLIFE indicates whether sample adults had at least twelve drinks of any type of alcoholic beverage in their entire lives. Before posing this question, interviewers stated, "These next questions are about drinking alcoholic beverages. Included are liquor such as whiskey or gin, beer, wine, wine coolers, and any other type of alcoholic beverage."

	ALCLIFE, like ALC1YR, functioned largely as a filter for further questioning about alcoholic consumption during the past year. If sample adults did not acknowledge having had 12+ drinks in any one year (ALC1YR), they were asked, "In your entire life, have you had at least 12 drinks of any type of alcoholic beverage?" If they gave a positive response to this question, they were asked about the frequency and amount of their drinking in the previous twelve months (ALCAMT).														
Concept:	Alcohol Consumption Variables -- PERSON														
Start Position:	349														
End Position:	349														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown - refused</td></tr> <tr> <td>8</td><td>Unknown - not ascertained</td></tr> <tr> <td>9</td><td>Unknown - don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

### Variable: "ALC5UPYR"

Name:	ALC5UPYR
Label:	Days had 5+ drinks, past year
Variable Text:	<p>ALC5UPYR indicates the total number of days during the past 12 months where the sample adult had 5 or more alcoholic drinks (four or more for women beginning in 2014). ALC5UPYR reports the responses to the question, "In the PAST YEAR, on how many DAYS did you have 5 or more drinks of any alcoholic beverage?"</p> <p>The Field Representative's Manual defines alcohol to "include as alcohol all types of beer (including stout, ale, malt liquor, or light beer, but does not include alcohol-free beer), wine (including port, sherry, sangria wine coolers, and champagne), and liquor (including brandy, liqueurs, scotch, whiskeys, tequila and gin)."</p>

Concept:	Alcohol Consumption Variables -- PERSON
Start Position:	350
End Position:	352
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
000	None
001	1
002	2
003	3
004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
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	353	353
	354	354
	355	355
	356	356
	357	357
	358	358
	359	359
	360	360
	361	361
	362	362
	363	363
	364	364
	365	365
995		Other entries
996		NIU
997		Unknown-refused
998		Unknown-not ascertained
999		Unknown-don't know

## Variable: "ALCAMP"

Name:	ALCAMP
Label:	Average number of drinks on days drank
Variable Text:	<p>For sample adults who acknowledged drinking in the past year, ALCAMP reports the average number of alcoholic beverages consumed by sample adults on the days that they drink or drank. Alcoholic beverages include liquor, beer, wine, wine coolers, and any other type of alcoholic beverage."</p> <p>ALCAMP accommodates responses of from less than 1 to 95+ drinks. Researchers should exercise caution in interpreting very high values for ALCAMP; persons who gave a response of, for example, 95+ drinks may have misunderstood the question (e.g., they may have given a response related to the number of days that they drank or related to a different reference period, such as the number of drinks per year).</p> <p>The National Center for Health Statistics did not edit responses in ALCAMP to insure consistency with responses to other questions related to the level of alcohol consumption in the past year, such as the number of days per year that the respondent consumed 5+ drinks (ALC5UPYR).</p>

Concept:	Alcohol Consumption Variables -- PERSON																																				
Start Position:	353																																				
End Position:	355																																				
Width:	3																																				
Variable Format:	numeric																																				
Implied Decimal Places:	0																																				
<b>Categories</b>																																					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr><td>000</td><td>NIU</td></tr> <tr><td>001</td><td>Less than one</td></tr> <tr><td>010</td><td>1 drink</td></tr> <tr><td>020</td><td>2 drinks</td></tr> <tr><td>030</td><td>3 drinks</td></tr> <tr><td>040</td><td>4 drinks</td></tr> <tr><td>050</td><td>5 drinks</td></tr> <tr><td>060</td><td>6 drinks</td></tr> <tr><td>070</td><td>7 drinks</td></tr> <tr><td>080</td><td>8 drinks</td></tr> <tr><td>090</td><td>9 drinks</td></tr> <tr><td>100</td><td>10 drinks</td></tr> <tr><td>110</td><td>11 drinks</td></tr> <tr><td>120</td><td>12 drinks</td></tr> <tr><td>130</td><td>13 drinks</td></tr> <tr><td>140</td><td>14 drinks</td></tr> <tr><td>150</td><td>15 drinks</td></tr> </tbody> </table>		Value	Label	000	NIU	001	Less than one	010	1 drink	020	2 drinks	030	3 drinks	040	4 drinks	050	5 drinks	060	6 drinks	070	7 drinks	080	8 drinks	090	9 drinks	100	10 drinks	110	11 drinks	120	12 drinks	130	13 drinks	140	14 drinks	150	15 drinks
Value	Label																																				
000	NIU																																				
001	Less than one																																				
010	1 drink																																				
020	2 drinks																																				
030	3 drinks																																				
040	4 drinks																																				
050	5 drinks																																				
060	6 drinks																																				
070	7 drinks																																				
080	8 drinks																																				
090	9 drinks																																				
100	10 drinks																																				
110	11 drinks																																				
120	12 drinks																																				
130	13 drinks																																				
140	14 drinks																																				
150	15 drinks																																				

	160	16 drinks
	170	17 drinks
	180	18 drinks
	190	19 drinks
	200	20 drinks
	210	21 drinks
	220	22 drinks
	230	23 drinks
	240	24 drinks
	250	25 drinks
	260	26 drinks
	270	27 drinks
	280	28 drinks
	290	29 drinks
	300	30 drinks
	310	31 drinks
	320	32 drinks
	330	33 drinks
	340	34 drinks
	350	35 drinks
	360	36 drinks
	370	37 drinks
	380	38 drinks
	390	39 drinks
	400	40 drinks
	410	41 drinks
	420	42 drinks
	430	43 drinks

	440	44 drinks
	450	45 drinks
	460	46 drinks
	470	47 drinks
	480	48 drinks
	490	49 drinks
	500	50 drinks
	510	51 drinks
	520	52 drinks
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	690	69 drinks
	700	70 drinks
	710	71 drinks

720	72 drinks
730	73 drinks
740	74 drinks
750	75 drinks
760	76 drinks
770	77 drinks
780	78 drinks
790	79 drinks
800	80 drinks
810	81 drinks
820	82 drinks
830	83 drinks
840	84 drinks
850	85 drinks
860	86 drinks
870	87 drinks
880	88 drinks
890	89 drinks
900	90 drinks
910	91 drinks
920	92 drinks
930	93 drinks
940	94 drinks
950	95+ drinks
996	Unknown-unspecified
997	Unknown - refused
998	Unknown - not ascertained
999	Unknown - don't know

**Variable: "ALCSTAT1"**

Name:	ALCSTAT1												
Label:	Alcohol drinking status: Recode												
Variable Text:	<p>ALCSTAT1 indicates the alcohol drinking status of the sample adult. ALCSTAT1 summarizes the responses to the question, "In your entire life, have you had at least 12 drinks of any type of alcoholic beverage?"</p> <p>The Field Representative's Manual defines alcohol to "include as alcohol all types of beer (including stout, ale, malt liquor, or light beer, but does not include alcohol-free beer), wine (including port, sherry, sangria wine coolers, and champagne), and liquor (including brandy, liqueurs, scotch, whiskeys, tequila and gin)."</p>												
Concept:	Alcohol Consumption Variables -- PERSON												
Start Position:	356												
End Position:	356												
Width:	1												
Variable Format:	numeric												
Implied Decimal Places:	0												
<b>Categories</b>													
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>Lifetime abstainer (lt 12 drinks in life)</td> </tr> <tr> <td>2</td> <td>Former drinker (no drinks past year)</td> </tr> <tr> <td>3</td> <td>Current drinker (1+ drinks past year)</td> </tr> <tr> <td>9</td> <td>Drinking status unknown</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	Lifetime abstainer (lt 12 drinks in life)	2	Former drinker (no drinks past year)	3	Current drinker (1+ drinks past year)	9	Drinking status unknown
Value	Label												
0	NIU												
1	Lifetime abstainer (lt 12 drinks in life)												
2	Former drinker (no drinks past year)												
3	Current drinker (1+ drinks past year)												
9	Drinking status unknown												

**Variable: "ALCANYNO"**

Name:	ALCANYNO
Label:	Frequency drank alcohol in past year: Number of units
Variable	For sample adults ages 18 and older who had at least 12 alcoholic beverages in their

Text:	entire life, ALCANYNO reports the number of time units (every day or the number of days per week, month or year) for the frequency with which the person drinks alcohol. ALCANYNO should be paired with ALCANYTP (Frequency drank alcohol in past year: Time period) to obtain the complete frequency of alcohol consumption. Please see Comparability and Universe tabs for information on changes in the wording and universe between samples.
Concept:	Alcohol Consumption Variables -- PERSON
Start Position:	357
End Position:	359
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
000	Never
001	1 day
002	2 days
003	3 days
004	4 days
005	5 days
006	6 days
007	7 days
008	8 days
009	9 days
010	10 days
011	11 days
012	12 days
013	13 days

014	14 days
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	358	358 days
	359	359 days
	360	360 days
	361	361 days
	362	362 days
	363	363 days
	364	364 days
	365	365 days
	500	Every day
	996	NIU
	997	Unknown-refused
	998	Unknown-not ascertained
	999	Unknown-don't know

### Variable: "ALCANYTP"

Name:	ALCANYTP
Label:	Frequency drank alcohol in past year: Time period
Variable Text:	For sample adults ages 18 and older who had at least 12 alcoholic beverages in their entire life, ALCANYTP reports the type of time units (every day or per week, month or year) for the frequency with which the person drinks alcohol. ALCANYTP should be paired with ALCANYNO (Frequency drank alcohol in past year: Number of units) to obtain the complete frequency of alcohol consumption. Please see Comparability and Universe tabs for information on changes in the wording and universe between samples and important information on a suspected NHIS data labeling error in 1988.

Concept:	Alcohol Consumption Variables -- PERSON																						
Start Position:	360																						
End Position:	360																						
Width:	1																						
Variable Format:	numeric																						
Implied Decimal Places:	0																						
<b>Categories</b>																							
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr><td>0</td><td>NIU</td></tr> <tr><td>1</td><td>Every day</td></tr> <tr><td>2</td><td>Week</td></tr> <tr><td>3</td><td>Month</td></tr> <tr><td>4</td><td>Year</td></tr> <tr><td>5</td><td>Never/None</td></tr> <tr><td>6</td><td>No label</td></tr> <tr><td>7</td><td>Unknown-refused</td></tr> <tr><td>8</td><td>Unknown-not ascertained</td></tr> <tr><td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Every day	2	Week	3	Month	4	Year	5	Never/None	6	No label	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																						
0	NIU																						
1	Every day																						
2	Week																						
3	Month																						
4	Year																						
5	Never/None																						
6	No label																						
7	Unknown-refused																						
8	Unknown-not ascertained																						
9	Unknown-don't know																						

## Variable: "ALCDAYSWK"

Name:	ALCDAYSWK
Label:	Frequency drank alcohol in past year: Days per week
Variable Text:	<p>ALCDAYSWK reports the number of days per week during the past year that the sample adult drank alcoholic beverages.</p> <p>Interviewers began the section of the survey on alcohol by stating, "These next questions are about drinking alcoholic beverages. Included are liquor such as whiskey or gin, beer, wine, wine coolers, and any other type of alcoholic beverage." They then asked, "In the past year, how often did you drink alcoholic beverages?" Respondents could frame an</p>

answer using various time units (e.g., "5 times a week," "once a month," "10 times a year"), and the interviewer recorded the number stated and the time period that fit the answer (i.e., "Never/None," "Week," "Month," or "Year"). For the original NHIS public use files, the National Center for Health Statistics recoded these data in terms of days per week (for ALCDAYSWK), in terms of days per month (for ALCDAYSMO), and in terms of days per year (for ALCDAYSYR).

The Field Representative's Manual directed interviewers to "always probe for an exact number. If the sample adult reports a range or interval, assist the sample adult in making an estimate by probing. For example, you might ask, 'Could you give me a more exact number?'" To the same end, beginning in 2000, the survey instrument instructed interviewers, "If necessary, prompt with 'How many days per week, per month, or per year did you drink?'"

Concept:	Alcohol Consumption Variables -- PERSON
Start Position:	361
End Position:	362
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	Less than one day per week
10	1 day per week
20	2 days per week
30	3 days per week
40	4 days per week
50	5 days per week
60	6 days per week
70	7 days per week
80	Did not drink in past year
96	NIU
97	Unknown-refused

98	Unknown-not ascertained
99	Unknown-don't know

## Variable: "ALCDAYSYR"

Name:	ALCDAYSYR		
Label:	Frequency drank alcohol in past year: Days in past year		
Variable Text:	<p>ALCDAYSYR reports the number of days per year during the past year that the sample adult drank alcoholic beverages.</p> <p>Data Collection and Recoding; Interviewers began the section of the survey on alcohol by stating, "These next questions are about drinking alcoholic beverages. Included are liquor such as whiskey or gin, beer, wine, wine coolers, and any other type of alcoholic beverage." They then asked, "In the past year, how often did you drink alcoholic beverages?" Respondents could frame an answer using various time units (e.g., "5 times a week," "once a month," "10 times a year"), and the interviewer recorded the number stated and the time period that fit the answer (i.e., "Never/None," "Week," "Month," or "Year"). For the original NHIS public use files, the National Center for Health Statistics recoded these data in terms of days per week (for ALCDAYSWK), in terms of days per month (for ALCDAYSMO), and in terms of days per year (for ALCDAYSYR).</p> <p>The effect of reporting in time periods shorter than a year (i.e., times per week or per month) is evident in digit clustering in the frequencies for ALCDAYSYR. There is strong clustering of responses in codes that are multiples of 12, corresponding to responses given in terms of times per month. Users should, therefore, be wary of treating ALCDAYSYR as a simple interval variable.</p> <p>The Field Representative's Manual for 1997-2001 forward directed interviewers to "always probe for an exact number. If the sample adult reports a range or interval, assist the sample adult in making an estimate by probing. For example, you might ask, 'Could you give me a more exact number?'" To the same end, beginning in 2000, the survey instrument instructed interviewers, "If necessary, prompt with 'How many days per week, per month, or per year did you drink?'"</p>		
Concept:	Alcohol Consumption Variables -- PERSON		
Start Position:	363		
End Position:	365		
Width:	3		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

000	0 days
001	1 day
002	2 days
003	3 days
004	4 days
005	5 days
006	6 days
007	7 days
008	8 days
009	9 days
010	10 days
011	11 days
012	12 days
013	13 days
014	14 days
015	15 days
016	16 days
017	17 days
018	18 days
019	19 days
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022	22 days
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024	24 days
025	25 days
026	26 days
027	27 days

028	28 days
029	29 days
030	30 days
031	31 days
032	32 days
033	33 days
034	34 days
035	35 days
036	36 days
037	37 days
038	38 days
039	39 days
040	40 days
041	41 days
042	42 days
043	43 days
044	44 days
045	45 days
046	46 days
047	47 days
048	48 days
049	49 days
050	50 days
051	51 days
052	52 days
053	53 days
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067	67 days
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356	356 days
357	357 days
358	358 days
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360	360 days
361	361 days
362	362 days
363	363 days

	364	364 days
	365	365 days
	996	NIU
	997	Unknown-refused
	998	Unknown-not ascertained
	999	Unknown-don't know

**Variable: "ALC5UPNO"**

Name:	ALC5UPNO
Label:	Days had 5+ drinks, past year: Number of units
Variable Text:	For sample adults 18+ who drank alcohol at least once in the past year, ALC5UPNO indicates the number of time units they had five or more alcoholic beverages (four or more for women beginning) in a single day. This variable should be used in conjunction with ALC5UPTP, which indicates the type of unit.
Concept:	Alcohol Consumption Variables -- PERSON
Start Position:	366
End Position:	368
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
000	Never/none
001	1 day
002	2 days
003	3 days
004	4 days

005	5 days
006	6 days
007	7 days
008	8 days
009	9 days
010	10 days
011	11 days
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015	15 days
016	16 days
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019	19 days
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356	356 days
357	357 days
358	358 days
359	359 days
360	360 days
361	361 days
362	362 days
363	363 days
364	364 days
365	365 days
996	NIU
997	Unknown-refused
998	Unknown-not ascertained

999

Unknown-don't know

**Variable: "ALC5UPTP"**

Name:	ALC5UPTP
Label:	Days had 5+ drinks, past year: Time period
Variable Text:	For sample adults 18+ who drank alcohol at least once in the past year, ALC5UPTP indicates the type of time unit (weeks, months, years) they had five or more alcoholic beverages in a single day (four or more for women beginning in 2014). This variable should be used in conjunction with ALC5UPNO, which indicates the number of time units.
Concept:	Alcohol Consumption Variables -- PERSON
Start Position:	369
End Position:	369
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	Week
2	Month
3	Year
4	Never/None
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "SMOKEV"**

Name:	SMOKEV
Label:	Ever smoked 100 cigarettes in life
Variable Text:	<p>SMOKEV reports whether the respondent has ever smoked 100 cigarettes in their entire lifetime. In 1970 interviewers asked, "Has [person] smoked 100 cigarettes during his entire life?" In 1976-1977 and 1997 forward the question wording changed slightly, with interviewers asking, "Have you smoked at least 100 cigarettes in your entire life?"</p> <p>Definitions and Instructions; The 1970 Field Representative's Manual instructed interviewers to "[e]xclude marijuana, a type of wild tobacco, (also called "pot" or "grass")" when accepting responses to the smoking-related questions.</p> <p>According to the 1970 Manual, if respondents volunteered that they smoked cigarettes made of non-tobacco products, "such as lettuce or cabbage leaves," interviewers were to rephrase the question to, "Excluding any nontobacco cigarettes, have you smoked at least...?"</p> <p>The 1997-2000 Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 2001 forward define a cigarette as "anything the respondent reports except cigars or any kind of marijuana."</p> <p>The 1970 Field Manual states that one hundred cigarettes is equal to five packs, but instructs interviewers to "ask the question as worded because the respondent might misinterpret 'five packs' as referring to five packs a day. Related Variables; In 1997 forward respondents who answered "Yes" in SMOKEV (Ever smoked 100 cigarettes in life) were asked, "Do you now smoke cigarettes every day, some days, or not at all?" (SMOKFREQNOW). Depending on their response in SMOKFREQNOW, respondents were also able to receive one or more of the following questions in 1997 forward:</p> <p>"On the average, how many cigarettes do you now smoke a day?" (CIGSDAY1)</p> <p>"On how many of the past 30 days did you smoke a cigarette?" (CIGDAYMO)</p> <p>"On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?" (CIGSDAY2)</p> <p>The variable CIGSDAY (Average number of cigarettes smoked per day: Current Smokers) is available for 1970, 1976-1977, and 1997 forward. The variable SMOKAGEREG (available for 1970 and 1997 forward) reports the age at which respondents first started to smoke "fairly regularly."</p>
Concept:	Smoking Variables -- PERSON
Start Position:	370
End Position:	371
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU
01	No
02	Yes
07	Unknown-refused
08	Unknown-not ascertained
09	Unknown-don't know

## Variable: "SMOKAGEREG"

Name:	SMOKAGEREG
Label:	Age first smoked fairly regularly
Variable Text:	<p>SMOKAGEREG reports the age respondents started smoking cigarettes "fairly regularly."</p> <p>Data Collection and Question Wording; For 1997 forward respondents were asked, "How old were you when you FIRST started to smoke fairly regularly?" This question was asked of sample adults age 18+ who reported having ever smoked 100 cigarettes (SMOKEV).</p> <p>In 1970 respondents were asked, "About how old was [person] when he first started smoking cigarettes fairly regularly?" Before receiving the question associated with SMOKAGE, respondents were asked whether they had ever smoked 100 cigarettes (SMOKEV) and whether they currently smoked. Respondents who reported having ever smoked 100 cigarettes or for whom it was unknown whether they had ever smoked 100 cigarettes and who either reported that they did not currently smoke or had an unknown answer for whether they currently smoked were asked the follow-up question, "How long has it been since [person] smoked cigarettes fairly regularly?" Only respondents who did not report that they never smoked regularly to this question were asked the question associated with SMOKAGEREG. Also included in the universe for SMOKAGEREG in 1970 are respondents who reported having ever smoked 100 cigarettes (SMOKEV) and who indicated that they currently smoked. Definitions and Instructions; The 1970 Field Representative's Manual instructed interviewers to "[e]xclude marijuana, a type of wild tobacco, (also called "pot" or "grass")" when accepting responses to the smoking-related questions.</p> <p>The 1997-2000 Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 2001 forward define a cigarette as "anything the respondent reports except cigars or any kind of marijuana."</p> <p>The 1970 Manual defined "fairly regularly" as "smoking one or more cigarettes on three or more consecutive days." The Field Representative's Manuals for 1997 forward stated that "first started to smoke fairly regularly" and "smoking regularly" are respondent defined. If respondents asked what it meant, the Manuals for 1997 forward instructed interviewers say, "'It's whatever you consider as first starting to smoke fairly regularly.'"</p> <p>In 1970, the Manual instructed that "if a person does not remember his exact age when he first started smoking cigarettes regularly, obtain his best estimate. As an aid, subtract the number of years from his present age. A person may also be able to relate age started smoking to his high school or college attendance or Armed Forces service."</p> <p>The Manuals for 1997-2000 instructed interviewers to "Always probe for an exact age" and to assist respondents in making an estimate if they reported a range or interval.</p>

Concept:	Smoking Variables -- PERSON
Start Position:	372
End Position:	373
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
00	NIU
01	1 year
02	2 years
03	3 years
04	4 years
05	5 years
06	6 years
07	7 years
08	8 years
09	9 years
10	10 years
11	11 years
12	12 years
13	13 years
14	14 years
15	15 years
16	16 years

17	17 years
18	18 years
19	19 years
20	20 years
21	21 years
22	22 years
23	23 years
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26	26 years
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41	41 years
42	42 years
43	43 years
44	44 years

45	45 years
46	46 years
47	47 years
48	48 years
49	49 years
50	50 years
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61	61 years
62	62 years
63	63 years
64	64 years
65	65 years
66	66 years
67	67 years
68	68 years
69	69 years
70	70 years
71	71 years
72	72 years

73	73 years
74	74 years
75	75 years
76	76 years
77	77 years
78	78 years
79	79 years
80	80 years
81	81 years
82	82 years
83	83 years
84	84 years
85	85 (1997 forward: 85+ years)
86	86 years
87	87 years
88	88 years
89	89 years
90	90 years
91	91 years
92	92 years
93	93 years
94	94 years
95	95+ years
96	Never smoked regularly
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

**Variable: "CIGDAYMO"**

Name:	CIGDAYMO				
Label:	Number days smoked in past 30 days (some day smokers)				
Variable Text:	<p>For sample adults who have ever smoked 100 cigarettes and currently smoke some days (or whose current smoking status is unknown in 1997-2003), CIGDAYMO reports the number of days in the past 30 days respondents smoked one or more cigarettes.</p> <p>Definitions and Instruction; The 1997-2000 Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 2001 forward define a cigarette as "anything the respondent reports except cigars or any kind of marijuana."</p> <p>When asking the question associated with CIGADYMO, the 1997-2000 Manuals instructed interviewers to "[a]lways probe for an exact number" and to assist respondents in making an estimate if they reported a range or interval. The 1997-2000 Manuals also instructed interviewers, "If asked, explain that 'past 30 days' includes up to the day before the interview and not the day of the interview." Related Variables; "Some day" smokers who smoked 1+ days or an unknown number of days during the past 30 days (according to CIGDAYMO) were asked the follow-up question, "On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?" Responses to this question are reported in CIGSDAY2.</p> <p>"Every day" smokers (IPUMS NHIS code 3 in SMOKFREQNOW) were asked, "On the average, how many cigarettes do you now smoke a day?" (CIGSDAY1). The variable CIGSDAY combines responses given to the questions associated with CIGSDAY1 and CIGSDAY2, reporting the average number of cigarettes smoked per day for "current smokers" (i.e., all "every day" smokers and "some day" smokers who smoked 1+ days or an unknown number of days in the past 30 days). The universe for CIGSDAY also includes (in 1997-2003) respondents whose current smoking status was unknown (IPUMS NHIS code 7-9 in SMOKFREQNOW). Respondents whose smoking status was unknown were all coded as "Unknown-not ascertained" in CIGSDAY (IPUMS NHIS code 98).</p> <p>CIGSDAY also reports the average number of cigarettes smoked per day for persons age 17+ who were current smokers (1970) and persons age 20+ who were part of a 1/3 subsample and who were current smokers (1976-1977).</p>				
Concept:	Smoking Variables -- PERSON				
Start Position:	374				
End Position:	375				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>None</td> </tr> </tbody> </table>		Value	Label	00	None
Value	Label				
00	None				

01	1 day
02	2 days
03	3 days
04	4 days
05	5 days
06	6 days
07	7 days
08	8 days
09	9 days
10	10 days
11	11 days
12	12 days
13	13 days
14	14 days
15	15 days
16	16 days
17	17 days
18	18 days
19	19 days
20	20 days
21	21 days
22	22 days
23	23 days
24	24 days
25	25 days
26	26 days
27	27 days
28	28 days

	29	29 days
	30	30 days
	96	NIU
	97	Unknown-refused
	98	Unknown-not ascertained
	99	Unknown-don't know

## Variable: "CIGSDAY"

Name:	CIGSDAY
Label:	Number cigarettes per day (current smokers)
Variable Text:	<p>CIGSDAY reports the average number of cigarettes smoked per day for all "current smokers."</p> <p>In 1970 and 1976-1977 respondents who had ever smoked 100 cigarettes (SMOKEV) and who reported that they "smoke cigarettes now" were asked, "On the average, about how many cigarettes a day [does person/do you] smoke?"</p> <p>In 1989 this question was included in the Diabetes supplement, and asked of sample adults who did not have diabetes and were current smokers. In that year, it is complementary to DIACIGSDAY, which was asked of all adults who are current smokers and have confirmed diabetes.</p> <p>Question Wording;&amp;nbsp;In 1997 forward, respondents who had ever smoked 100 cigarettes (SMOKEV) and who were "Every day" smokers (IPUMS NHIS code 3 in SMOKFREQNOW) were asked, "On the average, how many cigarettes do you now smoke a day?" with responses recorded in CIGSDAY1. Respondents who had ever smoked 100 cigarettes (SMOKEV), who were "Some day" smokers (IHIS code 2 in SMOKFREQNOW), and who smoked 1+ days or an unknown number of days during the past 30 days (according to CIGDAYMO) were asked, "On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?" Responses to this question are reported in CIGSDAY2. The variable CIGSDAY combines responses given to the questions associated with CIGSDAY1 and CIGSDAY2, reporting the average number of cigarettes smoked per day for "current smokers" (i.e., all "every day" smokers and "some day" smokers who smoked 1+ days or an unknown number of days in the past 30 days). The universe for CIGSDAY also includes (in 1997-2003) respondents whose current smoking status was unknown (IHIS code 7-9 in SMOKFREQNOW). Respondents whose smoking status was unknown were all coded as "Unknown-not ascertained" in CIGSDAY (IHIS code 98).Definitions and Instructions;&amp;nbsp;The 1970 Field Representative's Manual instructed interviewers to "[e]xclude marijuana, a type of wild tobacco, (also called "pot" or "grass")" when accepting responses to the question associated with CIGSDAY.</p> <p>The question for CIGSDAY in 1977 was asked for a sub-sample of randomly selected persons age 20 and over; NHIS automatically classifies persons who were selected but did not complete the questions as not in universe for this variable. Users may choose to use this variable in combination with SUBSRESP77, which reports the person's sub-sample status in 1977.</p> <p>The 1997-2000 Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 2001 forward define a cigarette as "anything the respondent reports except cigars or any kind of marijuana."</p> <p>The 1970 Field Representative's Manual instructed interviewers, "If the response is</p>

expressed in 'pack(s)' smoked per day, convert this to the number of individual cigarettes smoked (20 to a pack). For example, if a person reports 'About a pack and a half a day,' enter '30' for the number smoked per day." The Manuals for 1976-1977 and 1997-2000 included similar instructions. The 1997-2000 Manuals added, "verify the result with the Sample Adult (some brands have 25 cigarettes per pack)."

The 1970 Manual also included the following instructions:

[E]nter the number of cigarettes the person smokes "per day" at the present time, i.e., as of last Sunday night. The terms "on the average" and "about" indicate that an estimate is acceptable. If the response is expressed in weeks or months, ask the respondent to estimate the number of cigarettes he smokes per day. If no estimate is available refer to the conversion chart (Card T in your flashcard booklet) [This flashcard was not provided in the documentation released by NCHS]. If a person smokes less than one cigarette a day, enter a dash (-) on the "No. per day" line. If the respondent answers in intervals, e.g., "10-20 a day," enter this if a more definite answer cannot be obtained. However, if a respondent gives a vague answer, such as "Hardly any at all," try to obtain an estimate of the number of cigarettes he smokes per day. When asking the question associated with CIGSDAY1 or CIGSDAY2, the 1997-2000 Field Representative's Manuals instructed interviewers to "[a]lways probe for an exact number" and to assist respondents in making an estimate if they reported a range or interval. For the question associated with CIGSDAY2 (Number of cigarettes smoked per day: Some day smokers), the 1997-2000 Manuals instructed interviewers, "Do NOT include days when the Sample Adult did NOT smoke in computing the average."

Concept:	Smoking Variables -- PERSON
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Start Position:	376
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End Position:	377
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Width:	2
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Variable Format:	numeric
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Implied Decimal Places:	0
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#### Categories

Value	Label
00	Less than 1 cigarette per day
01	1 cigarette
02	2 cigarettes
03	3 cigarettes
04	4 cigarettes
05	5 cigarettes
06	6 cigarettes

07	7 cigarettes
08	8 cigarettes
09	9 cigarettes
10	10 cigarettes
11	11 cigarettes
12	12 cigarettes
13	13 cigarettes
14	14 cigarettes
15	15 cigarettes
16	16 cigarettes
17	17 cigarettes
18	18 cigarettes
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61	61 cigarettes
62	62 cigarettes

63	63 cigarettes
64	64 cigarettes
65	65 cigarettes
66	66 cigarettes
67	67 cigarettes
68	68 cigarettes
69	69 cigarettes
70	70 cigarettes
71	71 cigarettes
72	72 cigarettes
73	73 cigarettes
74	74 cigarettes
75	75 cigarettes
76	76 cigarettes
77	77 cigarettes
78	78 cigarettes
79	79 cigarettes
80	80 cigarettes
81	81 cigarettes
82	82 cigarettes
83	83 cigarettes
84	84 cigarettes
85	85 cigarettes
86	86 cigarettes
87	87 cigarettes
88	88 cigarettes
89	89 cigarettes
90	90+ cigarettes

95	Doesn't smoke regularly
96	NIU
97	Unknown--refused
98	Unknown--not ascertained
99	Unknown--don't know

**Variable: "CIGSDAY1"**

Name:	CIGSDAY1
Label:	Number cigarettes per day (daily smokers)
Variable Text:	<p>For sample adults who have ever smoked 100 cigarettes (SMOKEV) and currently smoke "every day" (IPUMS NHIS code 3 in SMOKFREQNOW), CIGSDAY1 reports responses to the question, "On the average, how many cigarettes do you now smoke a day?"</p> <p>Definitions and Instructions; The 1997 forward Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 2001 forward define a cigarette as "anything the respondent reports except cigars or any kind of marijuana."</p> <p>When asking the question associated with CIGSDAY1, the 1997 forward Manuals instructed interviewers to "[a]lways probe for an exact number" and to assist respondents in making an estimate if they reported a range or interval. The 1997 forward Manuals also stated, "If the response is given in packs rather than the number of cigarettes, multiply the number of packs by 20, verify the result with the Sample Adult (some brands have 25 cigarettes per pack), and enter the number of cigarettes per day."Related Variables; Respondents who had ever smoked 100 cigarettes (SMOKEV), who were "Some day" smokers (IPUMS NHIS code 2 in SMOKFREQNOW), and who smoked 1+ days or an unknown number of days during the past 30 days (according to CIGDAYMO) were asked, "On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?" Responses to this question are reported in CIGSDAY2.</p> <p>The variable CIGSDAY combines responses given to the questions associated with CIGSDAY1 and CIGSDAY2, reporting the average number of cigarettes smoked per day for "current smokers" (i.e., all "every day" smokers and "some day" smokers who smoked 1+ days or an unknown number of days in the past 30 days). The universe for CIGSDAY also includes (in 1997-2003) respondents whose current smoking status was unknown (IHIS code 7-9 in SMOKFREQNOW). Respondents whose smoking status was unknown were all coded as "Unknown-not ascertained" in CIGSDAY (IHIS code 98).</p> <p>CIGSDAY also reports the average number of cigarettes smoked per day for persons age 17+ who were current smokers (1970) and persons age 20+ who were part of a 1/3 subsample and who were current smokers (1976-1977).</p>
Concept:	Smoking Variables -- PERSON
Start Position:	378
End Position:	379
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
00	NIU
01	1 cigarette
02	2 cigarettes
03	3 cigarettes
04	4 cigarettes
05	5 cigarettes
06	6 cigarettes
07	7 cigarettes
08	8 cigarettes
09	9 cigarettes
10	10 cigarettes
11	11 cigarettes
12	12 cigarettes
13	13 cigarettes
14	14 cigarettes
15	15 cigarettes
16	16 cigarettes
17	17 cigarettes
18	18 cigarettes
19	19 cigarettes
20	20 cigarettes
21	21 cigarettes

22	22 cigarettes
23	23 cigarettes
24	24 cigarettes
25	25 cigarettes
26	26 cigarettes
27	27 cigarettes
28	28 cigarettes
29	29 cigarettes
30	30 cigarettes
31	31 cigarettes
32	32 cigarettes
33	33 cigarettes
34	34 cigarettes
35	35 cigarettes
36	36 cigarettes
37	37 cigarettes
38	38 cigarettes
39	39 cigarettes
40	40 cigarettes
41	41 cigarettes
42	42 cigarettes
43	43 cigarettes
44	44 cigarettes
45	45 cigarettes
46	46 cigarettes
47	47 cigarettes
48	48 cigarettes
49	49 cigarettes

50	50 cigarettes
51	51 cigarettes
52	52 cigarettes
53	53 cigarettes
54	54 cigarettes
55	55 cigarettes
56	56 cigarettes
57	57 cigarettes
58	58 cigarettes
59	59 cigarettes
60	60 cigarettes
61	61 cigarettes
62	62 cigarettes
63	63 cigarettes
64	64 cigarettes
65	65 cigarettes
66	66 cigarettes
67	67 cigarettes
68	68 cigarettes
69	69 cigarettes
70	70 cigarettes
71	71 cigarettes
72	72 cigarettes
73	73 cigarettes
74	74 cigarettes
75	75 cigarettes
76	76 cigarettes
77	77 cigarettes

78	78 cigarettes
79	79 cigarettes
80	80 cigarettes
81	81 cigarettes
82	82 cigarettes
83	83 cigarettes
84	84 cigarettes
85	85 cigarettes
86	86 cigarettes
87	87 cigarettes
88	88 cigarettes
89	89 cigarettes
90	90 cigarettes
91	91 cigarettes
92	92 cigarettes
93	93 cigarettes
94	94 cigarettes
95	95+ cigarettes
97	Unknown-refused
98	Unknown-not ascertained
99	Unknown-don't know

### Variable: "CIGSDAY2"

Name:	CIGSDAY2
Label:	Number cigarettes per day (some day smokers)
Variable Text:	For sample adults who have ever smoked 100 cigarettes (SMOKEV), currently smoke "some days" (IPUMS NHIS code 2 in SMOKFREQNOW), and smoked 1+ days or an unknown number of days during the past 30 days (CIGDAYMO), CIGSDAY2 reports responses to the question, "On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?" The 1997-2000 Field Representative's Manuals instructed interviewers not to include days "when the Sample Adult did NOT smoke" when computing the average.

Definitions and Instructions; The 1997-2000 Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 1991-1995 and from 2001 forward define a cigarette as anything "the respondent reports except cigars or any kind of marijuana."

When asking the question associated with CIGSDAY2, the 1997-2000 Manuals instructed interviewers to "[a]lways probe for an exact number" and to assist respondents in making an estimate if they reported a range or interval. The 1991-2000 Manuals also stated, "If the response is given in packs rather than the number of cigarettes, multiply the number of packs by 20, verify the result with the Sample Adult (some brands have 25 cigarettes per pack), and enter the number of cigarettes per day." Related Variables; Respondents who had ever smoked 100 cigarettes (SMOKEV) and who were "Every day" smokers (IPUMS NHIS code 3 in SMOKFREQNOW) were asked, "On the average, how many cigarettes do you now smoke a day?" (CIGSDAY1). The variable CIGSDAY combines responses given to the questions associated with CIGSDAY1 and CIGSDAY2, reporting the average number of cigarettes smoked per day for "current smokers" (i.e., all "every day" smokers and "some day" smokers who smoked 1+ days or an unknown number of days in the past 30 days). The universe for CIGSDAY also includes (in 1997-2003) respondents whose current smoking status was unknown (IPUMS NHIS code 7-9 in SMOKFREQNOW). Respondents whose smoking status was unknown were all coded as "Unknown-not ascertained" in CIGSDAY (IPUMS NHIS code 98).

CIGSDAY also reports the average number of cigarettes smoked per day for persons age 17+ who were current smokers (1970) and persons age 20+ who were part of a 1/3 subsample and who were current smokers (1976-1977).

Concept:	Smoking Variables -- PERSON
Start Position:	380
End Position:	381
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	NIU
01	1 cigarette
02	2 cigarettes
03	3 cigarettes
04	4 cigarettes
05	5 cigarettes

06	6 cigarettes
07	7 cigarettes
08	8 cigarettes
09	9 cigarettes
10	10 cigarettes
11	11 cigarettes
12	12 cigarettes
13	13 cigarettes
14	14 cigarettes
15	15 cigarettes
16	16 cigarettes
17	17 cigarettes
18	18 cigarettes
19	19 cigarettes
20	20 cigarettes
21	21 cigarettes
22	22 cigarettes
23	23 cigarettes
24	24 cigarettes
25	25 cigarettes
26	26 cigarettes
27	27 cigarettes
28	28 cigarettes
29	29 cigarettes
30	30 cigarettes
31	31 cigarettes
32	32 cigarettes
33	33 cigarettes

34	34 cigarettes
35	35 cigarettes
36	36 cigarettes
37	37 cigarettes
38	38 cigarettes
39	39 cigarettes
40	40 cigarettes
41	41 cigarettes
42	42 cigarettes
43	43 cigarettes
44	44 cigarettes
45	45 cigarettes
46	46 cigarettes
47	47 cigarettes
48	48 cigarettes
49	49 cigarettes
50	50 cigarettes
51	51 cigarettes
52	52 cigarettes
53	53 cigarettes
54	54 cigarettes
55	55 cigarettes
56	56 cigarettes
57	57 cigarettes
58	58 cigarettes
59	59 cigarettes
60	60 cigarettes
61	61 cigarettes

62	62 cigarettes
63	63 cigarettes
64	64 cigarettes
65	65 cigarettes
66	66 cigarettes
67	67 cigarettes
68	68 cigarettes
69	69 cigarettes
70	70 cigarettes
71	71 cigarettes
72	72 cigarettes
73	73 cigarettes
74	74 cigarettes
75	75 cigarettes
76	76 cigarettes
77	77 cigarettes
78	78 cigarettes
79	79 cigarettes
80	80 cigarettes
81	81 cigarettes
82	82 cigarettes
83	83 cigarettes
84	84 cigarettes
85	85 cigarettes
86	86 cigarettes
87	87 cigarettes
88	88 cigarettes
89	89 cigarettes

	90	90 cigarettes
	91	91 cigarettes
	92	92 cigarettes
	93	93 cigarettes
	94	94 cigarettes
	95	95+ cigarettes
	97	Unknown-refused
	98	Unknown-not ascertained
	99	Unknown-don't know

## Variable: "SMOKESTATUS2"

Name:	SMOKESTATUS2
Label:	Cigarette smoking recode 2: Current detailed/former/never
Variable Text:	<p>For sample adults 18 and over, this is a recoded variable indicating the respondent's current smoking status in categories of current smoker, every day current smoker, some day current smoker, current smoker--unknown frequency of smoking, and also indicates former smoker, never smoked and "has smoked, current smoking status unknown." &amp;nbsp;In this variable, current smokers were divided into "every day" smokers or "some days" smokers. The process to classify respondents into these categories changed slightly between 1991 and 1992 forward. In 1991, ever smokers were asked if they smoke now; respondents who said "yes" were asked if they smoked "every day" or "some days." Respondents who answered "no" were asked, "Do you smoke some days or not at all?" This additional follow-up resulted in the classification of persons as "someday smokers" who would otherwise have been considered former smokers, since they initially said that they did not smoke now.</p> <p>In 1992, questions on smoking status were included in two sections of the survey; in the Cancer Control section, the same three questions from in the 1991 questionnaire were used; in the Cancer Epidemiology section, just two questions were used: "Have you smoked at least 100 cigarettes during your entire life?" If yes, "Do you NOW smoke cigarettes every day, some days, or not at all?" Use of both sets of questions allowed for estimation of the impact of the question change on population prevalence. The revised current smoking status question was estimated to have resulted in an increase in smoking prevalence of about 1 percent-- a result occurring mainly from capturing smoking among persons who would otherwise have been classified as nonsmokers with the original question.</p> <p>This version of the question was used from 1992 forward.Related Variables</p>
Concept:	Smoking Variables -- PERSON
Start Position:	382
End Position:	383
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
00	NIU
10	Current smoker
11	Current every day smoker
12	Current some day smoker
13	Current smoker, unknown how often smokes
20	Former smoker
30	Never smoked
40	Has smoked, current smoking status unknown
90	Unknown if ever smoked

## Variable: "SMOKFREQNOW"

Name:	SMOKFREQNOW
Label:	Smoke every day, some days, or not at all
Variable Text:	<p>SMOKFREQNOW reports the responses to the question, "Do you NOW smoke cigarettes every day, some days or not at all?" This question was asked of sample adults who reported having ever smoked 100 cigarettes in their entire lifetime (SMOKEV) and for 1991 and 1992, had a known response for whether they currently smoked.</p> <p>Definitions and Instructions; The 1997-2000 Field Representative's Manuals stated, "The questions in this section concern cigarette smoking only. Accept whatever the Sample Adult reports, except if it is volunteered that he/she smoked a pipe, cigars of any kind, marijuana, hashish, 'crack', or the like." The Manuals for 2001 forward define a cigarette as "anything the respondent reports except cigars or any kind of marijuana." The 1991 and 1992 had approximately the same definition.</p> <p>Specifically concerning the question associated with SMOKFREQNOW, the Manuals for 1997-2000 instructed interviewers, "If the sample adult gives an answer which does not match the categories read in the question, reread the question emphasizing the wording of the answer categories." Related Variables; In 1970, 1987, 1992, and 1997 forward respondents were asked about the age at which they first started smoking "fairly regularly" (SMOKAGEREG).</p> <p>Depending on their response in SMOKFREQNOW (Smoke every day, some days, or not at all), respondents were also able to receive one or more of the following questions in</p>

	<p>1991-1995 and from 1997 forward:</p> <p>"On the average, how many cigarettes do you now smoke a day?" (CIGSDAY1)</p> <p>"On how many of the past 30 days did you smoke a cigarette?" (CIGDAYMO)</p> <p>"On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?" (CIGSDAY2)</p> <p>The variable CIGSDAY (Average number of cigarettes smoked per day: Current Smokers) is available for 1970, 1974, 1976-1977, 1985, and 1997 forward.</p>																
Concept:	Smoking Variables -- PERSON																
Start Position:	384																
End Position:	384																
Width:	1																
Variable Format:	numeric																
Implied Decimal Places:	0																
<b>Categories</b>																	
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>Not at all</td></tr> <tr> <td>2</td><td>Some days</td></tr> <tr> <td>3</td><td>Every day</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Not at all	2	Some days	3	Every day	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																
0	NIU																
1	Not at all																
2	Some days																
3	Every day																
7	Unknown-refused																
8	Unknown-not ascertained																
9	Unknown-don't know																

## Variable: "ANXIETYEV"

Name:	ANXIETYEV
Label:	Ever told you had any anxiety disorder
Variable Text:	For sample adults age 18 and older, ANXIETYEV reports responses to the question, "Have you ever been told by a doctor or other health professional that you had ... Any type of anxiety disorder?" If necessary, interviewers would add, "Some common types of anxiety

	disorders include generalized anxiety disorder, social anxiety disorder, panic disorder, post-traumatic stress disorder, obsessive-compulsive disorder, and phobias."														
	The 2019 Field Representative's Manual defines Anxiety Disorders as, "differ[ing] from normal feelings of nervousness or anxiousness, and involv[ing] excessive fear or anxiety."														
Concept:	Anxiety Variables -- PERSON														
Start Position:	385														
End Position:	385														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

## Variable: "WORFREQ"

Name:	WORFREQ
Label:	How often feel worried, nervous, or anxious
Variable Text:	<p>Respondents reported how often they felt worried, nervous or anxious.</p> <p>In 2010, this item was collected for sample adults who completed the Quality of Life supplement (administered to approximately a quarter of sample adults). In 2011-2017, this item was collected for sample adults who completed the Adult Functioning and Disability supplement (administered to a subset of sample adults). Beginning in 2018, this item was included on the sample adult questionnaire.</p>
Concept:	Anxiety Variables -- PERSON

Start Position:	386																				
End Position:	386																				
Width:	1																				
Variable Format:	numeric																				
Implied Decimal Places:	0																				
<b>Categories</b>																					
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>0</td><td>NIU</td></tr> <tr><td>1</td><td>Daily</td></tr> <tr><td>2</td><td>Weekly</td></tr> <tr><td>3</td><td>Monthly</td></tr> <tr><td>4</td><td>A few times a year</td></tr> <tr><td>5</td><td>Never</td></tr> <tr><td>7</td><td>Unknown-refused</td></tr> <tr><td>8</td><td>Unknown-not ascertained</td></tr> <tr><td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Daily	2	Weekly	3	Monthly	4	A few times a year	5	Never	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																				
0	NIU																				
1	Daily																				
2	Weekly																				
3	Monthly																				
4	A few times a year																				
5	Never																				
7	Unknown-refused																				
8	Unknown-not ascertained																				
9	Unknown-don't know																				

### Variable: "WORRX"

Name:	WORRX
Label:	Take medication for worried, nervous, or anxious feelings
Variable Text:	<p>Respondents reported whether they took medication for feelings of worry, nervousness, or anxiety.</p> <p>In 2010, this item was collected for sample adults who completed the Quality of Life supplement (administered to approximately a quarter of sample adults). In 2011-2017, this item was collected for sample adults who completed the Adult Functioning and Disability supplement (administered to a subset of sample adults). Beginning in 2018, this item was included on the sample adult questionnaire.</p>
Concept:	Anxiety Variables -- PERSON

Start Position:	387														
End Position:	387														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "WORFEELEV"

Name:	WORFEELEV
Label:	Level of worried, nervous, or anxious feelings, last time
Variable Text:	<p>Respondents reported the level of their feelings of worry, nervousness, or anxiety. This question was only asked of respondents who reported feeling worried, nervous, or anxious (WORFREQ) or who took medication for those feelings (WORRX).</p> <p>In 2010, this item was collected for sample adults who completed the Quality of Life supplement (administered to approximately a quarter of sample adults). In 2011-2017, this item was collected for sample adults who completed the Adult Functioning and Disability supplement (administered to a subset of sample adults). Beginning in 2018, this item was included on the sample adult questionnaire.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	388
End Position:	388

Width:	1																
Variable Format:	numeric																
Implied Decimal Places:	0																
<b>Categories</b>																	
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>A lot</td></tr> <tr> <td>2</td><td>A little</td></tr> <tr> <td>3</td><td>Somewhere between a little and a lot</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	A lot	2	A little	3	Somewhere between a little and a lot	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																
0	NIU																
1	A lot																
2	A little																
3	Somewhere between a little and a lot																
7	Unknown-refused																
8	Unknown-not ascertained																
9	Unknown-don't know																

## Variable: "WRYSTDLIV"

Name:	WRYSTDLIV
Label:	Worried about maintaining standard of living
Variable Text:	<p>For sample adults aged 18 and older, WRYSTDLIV reports how worried they are right now about not being able to maintain the standard of living they enjoy. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	389
End Position:	389
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "WRYMEDCST"

Name:	WRYMEDCST
Label:	Worried about medical costs due to illness/accident
Variable Text:	<p>For sample adults aged 18 and older, WRYMEDCST reports how worried they are right now about not being able to pay medical costs of a serious illness or accident. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	390
End Position:	390
Width:	1
Variable Format:	numeric
Implied Decimal	0

Places:

**Categories**

<b>Value</b>	<b>Label</b>
0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "WRYHOUS"**

Name:	WRYHOUS
Label:	Worried about paying rent/mortgage/housing costs
Variable Text:	For sample adults aged 18 and older, WRYHOUS reports how worried they are right now about not being able to pay their rent, mortgage, or other housing costs. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.  Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.
Concept:	Anxiety Variables -- PERSON
Start Position:	391
End Position:	391
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "WRYCCPAY"**

Name:	WRYCCPAY
Label:	Worried about credit card payments
Variable Text:	For sample adults aged 18 and older, WRYCCPAY reports how worried they are right now about not being able to make the minimum payments on their credit cards. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.  Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.
Concept:	Anxiety Variables -- PERSON
Start Position:	392
End Position:	392
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
5	I don't have credit cards
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "WRYHCCST"

Name:	WRYHCCST
Label:	Worried about medical costs of healthcare
Variable Text:	<p>For sample adults aged 18 and older, WRYHCCST reports how worried they are right now about not having enough to pay medical costs for normal healthcare. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	393
End Position:	393
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "WRYRET"

Name:	WRYRET		
Label:	Worried about money for retirement		
Variable Text:	<p>For sample adults aged 18 and older, WRYRET reports how worried they are right now about not having enough money for retirement. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.</p>		
Concept:	Anxiety Variables -- PERSON		
Start Position:	394		
End Position:	394		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> </table>		Value	Label
Value	Label		

0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "WRYCOLL"

Name:	WRYCOLL				
Label:	Worried about paying for children's college				
Variable Text:	<p>For sample adults aged 18 and older, WRYCOLL reports how worried they are right now about not having enough money to pay for their children's college. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables For a list of other variables related to financial worries included in the ASI section, refer to WRYBILLS.</p>				
Concept:	Anxiety Variables -- PERSON				
Start Position:	395				
End Position:	395				
Width:	1				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> </tbody> </table>		Value	Label	0	NIU
Value	Label				
0	NIU				

1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
5	This does not apply to me
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "WRYBILLS"

Name:	WRYBILLS		
Label:	Worried about paying monthly bills		
Variable Text:	<p>For sample adults aged 18 and older, WRYBILLS reports how worried they are right now about not having enough to pay their normal monthly bills. This variable was included as a core item in the Adult Supplemental Items (ASI) section of the Sample Adult questionnaire, introduced in 2013.</p> <p>Related Variables      Seven other variables related to financial worries are included in the ASI section: WRYSTDLIV (maintaining standard of living), WRYMEDCST (medical costs due to illness/accident), WRYHOUS (paying housing costs), WRYCCPAY (credit card payments), WRYHCCST (medical costs of healthcare), WRYRET (money for retirement), and WRYCOLL (paying for children's college).</p>		
Concept:	Anxiety Variables -- PERSON		
Start Position:	396		
End Position:	396		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

0	NIU
1	Very worried
2	Moderately worried
3	Not too worried
4	Not worried at all
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "GADANX"

Name:	GADANX
Label:	Feel anxious or nervous: past two weeks
Variable Text:	<p>For sample adults, GADANX reports responses to the question, "Over the last two weeks, how often have you been bothered by feeling nervous, anxious, or on edge?"</p> <p>Generalized Anxiety Disorder (GAD) Scale; GADANX is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>not being able to stop or control worrying? (GADWORCTRL)</p> <p>worrying too much about different things? (GADWORMUCH)</p> <p>trouble relaxing? (GADRELAX)</p> <p>being so restless that it's hard to sit still? (GADRSTLS)</p> <p>becoming easily annoyed or irritable? (GADANNOY)</p> <p>feeling afraid as if something awful might happen? (GADFEAR)</p> <p>The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	397
End Position:	397
Width:	1

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "GADWORCTRL"

Name:	GADWORCTRL
Label:	Not able to stop or control worrying: past two weeks
Variable Text:	<p>For sample adults, GADWORCTRL reports responses to the question, "Over the last two weeks, how often have you been bothered by not being able to stop or control worrying?"</p> <p>Generalized Anxiety Disorder (GAD) Scale; GADWORCTRL is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>feeling nervous, anxious, or on edge? (GADANX)</p> <p>worrying too much about different things? (GADMUCH)</p> <p>trouble relaxing? (GADRELAX)</p> <p>being so restless that it's hard to sit still? (GADRSTLS)</p> <p>becoming easily annoyed or irritable? (GADANNOY)</p> <p>feeling afraid as if something awful might happen? (GADFEAR)</p> <p>The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to</p>

	create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.																		
Concept:	Anxiety Variables -- PERSON																		
Start Position:	398																		
End Position:	398																		
Width:	1																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
<b>Categories</b>																			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>Not at all</td></tr> <tr> <td>1</td><td>Several days</td></tr> <tr> <td>2</td><td>More than half the days</td></tr> <tr> <td>3</td><td>Nearly every day</td></tr> <tr> <td>6</td><td>NIU</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	Not at all	1	Several days	2	More than half the days	3	Nearly every day	6	NIU	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																		
0	Not at all																		
1	Several days																		
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3	Nearly every day																		
6	NIU																		
7	Unknown-refused																		
8	Unknown-not ascertained																		
9	Unknown-don't know																		

### Variable: "GADWORMUCH"

Name:	GADWORMUCH
Label:	Worry too much: past two weeks
Variable Text:	<p>For sample adults, GADWORMUCH reports responses to the question, "Over the last two weeks, how often have you been bothered by worrying too much about different things?"</p> <p>Generalized Anxiety Disorder (GAD) Scale&amp;nbsp;GADWORMUCH is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p>

Over the last two weeks, how often have you been bothered by...

feeling nervous, anxious, or on edge? (GADANX)

not being able to stop or control worrying? (GADWORCTRL)

trouble relaxing? (GADRELAX)

being so restless that it's hard to sit still? (GADRSTLS)

becoming easily annoyed or irritable? (GADANNOY)

feeling afraid as if something awful might happen? (GADFEAR)

The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.

Concept: Anxiety Variables -- PERSON

Start Position: 399

End Position: 399

Width: 1

Variable Format: numeric

Implied Decimal Places: 0

### Categories

Value	Label
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### Variable: "GADRELAX"

Name:	GADRELAX										
Label:	Trouble relaxing: past two weeks										
Variable Text:	<p>For sample adults, GADRELAX reports responses to the question, "Over the last two weeks, how often have you been bothered by trouble relaxing?"</p> <p>Generalized Anxiety Disorder (GAD) Scale&amp;nbsp;GADRELAX is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>feeling nervous, anxious, or on edge? (GADANX)</p> <p>not being able to stop or control worrying? (GADWORCTRL)</p> <p>worrying too much about different things? (GADWORMUCH)</p> <p>being so restless that it's hard to sit still? (GADRSTLS)</p> <p>becoming easily annoyed or irritable? (GADANNOY)</p> <p>feeling afraid as if something awful might happen? (GADFEAR)</p> <p>The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.</p>										
Concept:	Anxiety Variables -- PERSON										
Start Position:	400										
End Position:	400										
Width:	1										
Variable Format:	numeric										
Implied Decimal Places:	0										
<b>Categories</b>											
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not at all</td> </tr> <tr> <td>1</td> <td>Several days</td> </tr> <tr> <td>2</td> <td>More than half the days</td> </tr> <tr> <td>3</td> <td>Nearly every day</td> </tr> </tbody> </table>		Value	Label	0	Not at all	1	Several days	2	More than half the days	3	Nearly every day
Value	Label										
0	Not at all										
1	Several days										
2	More than half the days										
3	Nearly every day										

6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "GADRSTLS"**

Name:	GADRSTLS
Label:	Restless or hard to sit still: past two weeks
Variable Text:	<p>For sample adults, GADRSTLS reports responses to the question, "Over the last two weeks, how often have you been bothered by being so restless that it's hard to sit still?"</p> <p>Generalized Anxiety Disorder (GAD) Scale&amp;nbsp;GADRSTLS is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>feeling nervous, anxious, or on edge? (GADANX)</p> <p>not being able to stop or control worrying? (GADWORCTRL)</p> <p>worrying too much about different things? (GADWORMUCH)</p> <p>trouble relaxing? (GADRELAX)</p> <p>becoming easily annoyed or irritable? (GADANNOY)</p> <p>feeling afraid as if something awful might happen? (GADFEAR)</p> <p>The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	401
End Position:	401
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "GADANNOY"**

Name:	GADANNOY
Label:	Easily annoyed or irritable: past two weeks
Variable Text:	<p>For sample adults, GADANNOY reports responses to the question, "Over the last two weeks, how often have you been bothered by becoming easily annoyed or irritable?"</p> <p>Generalized Anxiety Disorder (GAD) Scale; GADANNOY is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>feeling nervous, anxious, or on edge? (GADANX)</p> <p>not being able to stop or control worrying? (GADWORCTRL)</p> <p>worrying too much about different things? (GADWORMUCH)</p> <p>trouble relaxing? (GADRELAX)</p> <p>being so restless that it's hard to sit still? (GADRSTLS)</p> <p>feeling afraid as if something awful might happen? (GADFEAR)</p> <p>The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.</p>
Concept:	Anxiety Variables -- PERSON
Start Position:	402

End Position:	402																		
Width:	1																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
<b>Categories</b>																			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>0</td><td>Not at all</td></tr> <tr><td>1</td><td>Several days</td></tr> <tr><td>2</td><td>More than half the days</td></tr> <tr><td>3</td><td>Nearly every day</td></tr> <tr><td>6</td><td>NIU</td></tr> <tr><td>7</td><td>Unknown-refused</td></tr> <tr><td>8</td><td>Unknown-not ascertained</td></tr> <tr><td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	Not at all	1	Several days	2	More than half the days	3	Nearly every day	6	NIU	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
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6	NIU																		
7	Unknown-refused																		
8	Unknown-not ascertained																		
9	Unknown-don't know																		

## Variable: "GADFEAR"

Name:	GADFEAR
Label:	Feel afraid: past two weeks
Variable Text:	<p>For sample adults, GADFEAR reports responses to the question, "Over the last two weeks, how often have you been bothered by feeling afraid as if something awful might happen?"</p> <p>Generalized Anxiety Disorder (GAD) Scale&amp;nbsp;GADFEAR is part of the Generalized Anxiety Disorder scale which can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. Additional GAD questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>feeling nervous, anxious, or on edge? (GADANX)</p> <p>not being able to stop or control worrying? (GADWORCTRL)</p> <p>worrying too much about different things? (GADWORMUCH)</p> <p>trouble relaxing? (GADRELAX)</p>

	<p>being so restless that it's hard to sit still? (GADRSTLS)</p> <p>becoming easily annoyed or irritable? (GADANNOY)</p> <p>The NHIS offers a categorical summary measure, GADCAT, that is based on the summed responses to the above GAD variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the GAD, please see GADCAT.</p>																		
Concept:	Anxiety Variables -- PERSON																		
Start Position:	403																		
End Position:	403																		
Width:	1																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
<b>Categories</b>																			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>Not at all</td></tr> <tr> <td>1</td><td>Several days</td></tr> <tr> <td>2</td><td>More than half the days</td></tr> <tr> <td>3</td><td>Nearly every day</td></tr> <tr> <td>6</td><td>NIU</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	Not at all	1	Several days	2	More than half the days	3	Nearly every day	6	NIU	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																		
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1	Several days																		
2	More than half the days																		
3	Nearly every day																		
6	NIU																		
7	Unknown-refused																		
8	Unknown-not ascertained																		
9	Unknown-don't know																		

## Variable: "GADCAT"

Name:	GADCAT
Label:	Severity of anxiety symptoms (GAD)
Variable Text:	For sample adults, GADCAT indicates the severity of generalized anxiety disorder symptoms based on the responses to questions from the Generalized Anxiety Disorder (GAD) scale.

The GAD consists of seven questions that have the same response options. The response options are assigned points (0 for "Not at all," 1 for "Several days," 2 for "More than half the days," and 3 for "Nearly every day") and can be summed to create a total score between 0 and 21 to assess the severity of generalized anxiety disorder symptoms.

GADCAT categorizes the score for the GAD into four categories: None/Minimal (0-4), Mild (5-9), Moderate (10-14), and Severe (15 or greater). If one question was refused, not ascertained, or answered as don't know, the average of the other six questions was calculated and added to the summed total of those six questions to create a total score. If two or more questions were refused, not ascertained, or answered as don't know, then GADCAT was coded as not ascertained.

For researchers who want a continuous measure to indicate the severity of anxiety symptoms and intend to sum responses to the variables included in the GAD, IPUMS NHIS assigns codes that are consistent with the GAD's advised scoring system. To produce valid results, users must exclude not in universe cases (persons other than sample adults, code 6 in IPUMS NHIS) and unknown cases (codes 7, 8, and 9 in IPUMS NHIS) before summing the responses.

Generalized Anxiety Disorder scale&nbsp;The Generalized Anxiety Disorder scale can be used to screen and assess the severity of generalized anxiety disorder. The GAD also has moderate sensitivity when screening for panic disorder, social anxiety disorder, and post-traumatic stress disorder. GAD questions that are included as part of the NHIS are:

Over the last two weeks, how often have you been bothered by...

feeling nervous, anxious, or on edge? (GADANX)

not being able to stop or control worrying? (GADWORCTRL)

worrying too much about different things? (GADWORMUCH)

trouble relaxing? (GADRELAX)

being so restless that it's hard to sit still? (GADRSTLS)

becoming easily annoyed or irritable? (GADANNOY)

feeling afraid as if something awful might happen? (GADFEAR)

Concept:	Anxiety Variables -- PERSON
Start Position:	404
End Position:	404
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	NIU

1	None/Minimal
2	Mild
3	Moderate
4	Severe
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "DEPFREQ"**

Name:	DEPFREQ
Label:	How often feel depressed
Variable Text:	<p>Respondents reported how often they felt depressed.</p> <p>In 2010, this item was collected for sample adults who completed the Quality of Life supplement (administered to approximately a quarter of sample adults). In 2011-2017, this item was collected for sample adults who completed the Adult Functioning and Disability supplement (administered to a subset of sample adults). Beginning in 2018, this item was included on the sample adult questionnaire.</p>
Concept:	Depression Variables -- PERSON
Start Position:	405
End Position:	405
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	Daily

2	Weekly
3	Monthly
4	A few times a year
5	Never
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "DEPRX"**

Name:	DEPRX
Label:	Take medication for depression
Variable Text:	Respondents reported whether they took medication for depression.  In 2010, this item was collected for sample adults who completed the Quality of Life supplement (administered to approximately a quarter of sample adults). In 2011-2017, this item was collected for sample adults who completed the Adult Functioning and Disability supplement (administered to a subset of sample adults). Beginning in 2018, this item was included on the sample adult questionnaire.
Concept:	Depression Variables -- PERSON
Start Position:	406
End Position:	406
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes

7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "DEPFEELEV1"**

Name:	DEPFEELEV1												
Label:	Level of depression, last time depressed												
Variable Text:	<p>Respondents reported whether their level of depression, the last time they felt depressed, was "a little," "a lot," or "somewhere in between a little and a lot." This question was only asked of respondents who reported feeling depressed (DEPFREQ) or who acknowledged taking medication for depression (DEPRX).</p> <p>In 2010, this item was collected for sample adults who completed the Quality of Life supplement (administered to approximately a quarter of sample adults). In 2011-2017, this item was collected for sample adults who completed the Adult Functioning and Disability supplement (administered to a subset of sample adults). Beginning in 2018, this item was included on the sample adult questionnaire.</p>												
Concept:	Depression Variables -- PERSON												
Start Position:	407												
End Position:	407												
Width:	1												
Variable Format:	numeric												
Implied Decimal Places:	0												
<b>Categories</b>													
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>A little</td> </tr> <tr> <td>2</td> <td>A lot</td> </tr> <tr> <td>3</td> <td>Somewhere between little and lot</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	A little	2	A lot	3	Somewhere between little and lot	7	Unknown-refused
Value	Label												
0	NIU												
1	A little												
2	A lot												
3	Somewhere between little and lot												
7	Unknown-refused												

8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "PHQINTR"

Name:	PHQINTR
Label:	Little interest in doing things: past two weeks
Variable Text:	<p>For sample adults, PHQINTR reports responses to the question, "Over the last two weeks, how often have you been bothered by little interest or pleasure in doing things?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQINTR is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>feeling down, depressed, or hopeless? (PHQDEP)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p> <p>feeling tired or having little energy? (PHQENGY)</p> <p>poor appetite or overeating? (PHQEAT)</p> <p>feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)</p> <p>trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)</p> <p>moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)</p> <p>The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.</p>
Concept:	Depression Variables -- PERSON
Start Position:	408
End Position:	408
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "PHQDEP"**

Name:	PHQDEP
Label:	Feeling down, depressed, or hopeless: past two weeks
Variable Text:	<p>For sample adults, PHQDEP reports responses to the question, "Over the last two weeks, how often have you been bothered by feeling down, depressed, or hopeless?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQDEP is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>little interest or pleasure in doing things? (PHQINTR)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p> <p>feeling tired or having little energy? (PHQENGY)</p> <p>poor appetite or overeating? (PHQEAT)</p> <p>feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)</p> <p>trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)</p> <p>moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)</p> <p>The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.</p>

Concept:	Depression Variables -- PERSON																		
Start Position:	409																		
End Position:	409																		
Width:	1																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
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Value	Label																		
0	Not at all																		
1	Several days																		
2	More than half the days																		
3	Nearly every day																		
6	NIU																		
7	Unknown-refused																		
8	Unknown-not ascertained																		
9	Unknown-don't know																		

### Variable: "PHQSLEEP"

Name:	PHQSLEEP
Label:	Trouble sleeping: past two weeks
Variable Text:	<p>For sample adults, PHQSLEEP reports responses to the question, "Over the last two weeks, how often have you been bothered by trouble falling or staying asleep or sleeping too much?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQSLEEP is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p>

little interest or pleasure in doing things? (PHQINTR)  
 feeling down, depressed, or hopeless? (PHQDEP)  
 feeling tired or having little energy? (PHQENGY)  
 poor appetite or overeating? (PHQEAT)  
 feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)  
 trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)

moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)

The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.

Concept:	Depression Variables -- PERSON
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Start Position:	410
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End Position:	410
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Width:	1
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Variable Format:	numeric
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Implied Decimal Places:	0
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### **Categories**

<b>Value</b>	<b>Label</b>
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "PHQENGY"**

Name:	PHQENGY		
Label:	Tired or little energy: past two weeks		
Variable Text:	<p>For sample adults, PHQENGY reports responses to the question, "Over the last two weeks, how often have you been bothered by feeling tired or having little energy?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQENGY is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>little interest or pleasure in doing things? (PHQINTR)</p> <p>feeling down, depressed, or hopeless? (PHQDEP)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p> <p>poor appetite or overeating? (PHQEAT)</p> <p>feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)</p> <p>trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)</p> <p>moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)</p> <p>The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.</p>		
Concept:	Depression Variables -- PERSON		
Start Position:	411		
End Position:	411		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "PHQEAT"

Name:	PHQEAT
Label:	Poor appetite or overeating: past two weeks
Variable Text:	<p>For sample adults, PHQEAT reports responses to the question, "Over the last two weeks, how often have you been bothered by poor appetite or overeating?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQEAT is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>little interest or pleasure in doing things? (PHQINTR)</p> <p>feeling down, depressed, or hopeless? (PHQDEP)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p> <p>feeling tired or having little energy? (PHQENGY)</p> <p>feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)</p> <p>trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)</p> <p>moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)</p> <p>The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.</p>
Concept:	Depression Variables -- PERSON
Start Position:	412

End Position:	412
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### Variable: "PHQBAD"

Name:	PHQBAD
Label:	Feel bad about yourself: past two weeks
Variable Text:	<p>For sample adults, PHQBAD reports responses to the question, "Over the last two weeks, how often have you been bothered by feeling bad about yourself, or that you are a failure, or have let yourself or your family down?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQBAD is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>little interest or pleasure in doing things? (PHQINTR)</p> <p>feeling down, depressed, or hopeless? (PHQDEP)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p>

feeling tired or having little energy? (PHQENGY)  
 poor appetite or overeating? (PHQEAT)  
 trouble concentrating on things, such as reading the newspaper or watching television?  
 (PHQCONC)  
 moving or speaking so slowly that other people could have noticed? Or the opposite,  
 being so fidgety or restless that you have been moving around a lot more than usual?  
 (PHQMOVE)

The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.

Concept:	Depression Variables -- PERSON
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Start Position:	413
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End Position:	413
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Width:	1
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Variable Format:	numeric
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Implied Decimal Places:	0
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### **Categories**

<b>Value</b>	<b>Label</b>
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### **Variable: "PHQCONC"**

Name:	PHQCONC
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Label:	Trouble concentrating: past two weeks						
Variable Text:	<p>For sample adults, PHQCONC reports responses to the question, "Over the last two weeks, how often have you been bothered by trouble concentrating on things, such as reading the newspaper or watching television?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQCONC is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>little interest or pleasure in doing things? (PHQINTR)</p> <p>feeling down, depressed, or hopeless? (PHQDEP)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p> <p>feeling tired or having little energy? (PHQENGY)</p> <p>poor appetite or overeating? (PHQEAT)</p> <p>feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)</p> <p>moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)</p> <p>The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.</p>						
Concept:	Depression Variables -- PERSON						
Start Position:	414						
End Position:	414						
Width:	1						
Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>Not at all</td></tr> <tr> <td>1</td><td>Several days</td></tr> </tbody> </table>		Value	Label	0	Not at all	1	Several days
Value	Label						
0	Not at all						
1	Several days						

	2	More than half the days
	3	Nearly every day
	6	NIU
	7	Unknown-refused
	8	Unknown-not ascertained
	9	Unknown-don't know

## Variable: "PHQMOVE"

Name:	PHQMOVE
Label:	Moving or speaking slow or fast: past two weeks
Variable Text:	<p>For sample adults, PHQMOVE reports responses to the question, "Over the last two weeks, how often have you been bothered by moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual?"</p> <p>PHQ Depression Scale&amp;nbsp;PHQMOVE is part of the Patient Health Questionnaire depression scale (PHQ) that, according to the 2019 Survey Description, "is used in clinical settings and in population-based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." Additional PHQ questions that are included as part of the NHIS are:</p> <p>Over the last two weeks, how often have you been bothered by...</p> <p>little interest or pleasure in doing things? (PHQINTR)</p> <p>feeling down, depressed, or hopeless? (PHQDEP)</p> <p>trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)</p> <p>feeling tired or having little energy? (PHQENGY)</p> <p>poor appetite or overeating? (PHQEAT)</p> <p>feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)</p> <p>trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)</p> <p>The NHIS offers a categorical summary measure, PHQCAT, that is based on the summed responses to the above PHQ variables. Users can also sum these variables themselves to create a total score that can be used for analysis and assessing severity of symptoms. For more information on how to calculate the total score for the PHQ, please see PHQCAT.</p>
Concept:	Depression Variables -- PERSON
Start Position:	415
End Position:	415
Width:	1

Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
Value	Label
0	Not at all
1	Several days
2	More than half the days
3	Nearly every day
6	NIU
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "PHQCAT"

Name:	PHQCAT
Label:	Severity of depressive symptoms (PHQ)
Variable Text:	<p>For sample adults, PHQCAT indicates the severity of depressive symptoms based on the responses to questions from the Patient Health Questionnaire (PHQ) depression scale.</p> <p>The PHQ consists of eight questions that have the same response options. The response options are assigned points (0 for "Not at all," 1 for "Several days," 2 for "More than half the days," and 3 for "Nearly every day") and can be summed to create a total score between 0 and 24 to assess the severity of depressive symptoms.</p> <p>PHQCAT categorizes the score for the PHQ into four categories: None/Minimal (0-4), Mild (5-9), Moderate (10-14), and Severe (15 or greater). If one question was refused, not ascertained, or answered as don't know, the average of the other seven questions was calculated (as a stand-in for the missing score) and added to the summed total of those seven questions to create a total score. If two or more questions were refused, not ascertained, or answered as don't know, then PHQCAT was coded as not ascertained.</p> <p>For researchers who want a continuous measure to indicate the severity of depressive symptoms and intend to sum responses to the variables included in the PHQ, IPUMS NHIS assigns codes that are consistent with the PHQ's advised scoring system. To produce valid results, users must exclude not in universe cases (persons other than sample adults, code 6 in IPUMS NHIS) and unknown cases (codes 7, 8, and 9 in IPUMS NHIS) before summing the responses.</p> <p>PHQ Depression Scale&amp;nbsp;The Patient Health Questionnaire depression scale (PHQ), according to the 2019 Survey Description, "is used in clinical settings and in population-</p>

based studies to screen for symptoms indicative of a possible clinically significant depression and assess severity of depressive disorders." PHQ questions that are included as part of the NHIS are:

Over the last two weeks, how often have you been bothered by...

little interest or pleasure in doing things? (PHQINTR)

feeling down, depressed, or hopeless? (PHQDEP)

trouble falling or staying asleep, or sleeping too much? (PHQSLEEP)

feeling tired or having little energy? (PHQENGY)

poor appetite or overeating? (PHQEAT)

feeling bad about yourself, or that you are a failure, or have let yourself or your family down? (PHQBAD)

trouble concentrating on things, such as reading the newspaper or watching television? (PHQCONC)

moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual? (PHQMOVE)

**Concept:** Depression Variables -- PERSON

**Start Position:** 416

**End Position:** 416

**Width:** 1

**Variable Format:** numeric

**Implied Decimal Places:** 0

### Categories

Value	Label
0	NIU
1	None/Minimal
2	Mild
3	Moderate
4	Severe
7	Unknown-refused

8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDDIAG"**

Name:	CVDDIAG														
Label:	Ever told had or likely had coronavirus														
Variable Text:	<p>For sample children and sample adults, CVDDIAG indicates if they have ever been told by a doctor or other health professional that they had or likely had coronavirus or COVID-19.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	417														
End Position:	417														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "CVDTEST"**

Name:	CVDTEST														
Label:	Ever been tested for coronavirus														
Variable Text:	<p>For sample children and sample adults, CVDTEST indicates if they have ever been tested for coronavirus or COVID-19.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	418														
End Position:	418														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

## Variable: "CVDTESTRSLT"

Name:	CVDTESTRSLT
Label:	Had coronavirus, according to test
Variable Text:	For sample children and sample adults who have been tested for COVID-19 (CVDTEST), CVDTESTRSLT indicates if the test found they had coronavirus or COVID-19.

	NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.																
Concept:	COVID-19 Variables -- PERSON																
Start Position:	419																
End Position:	419																
Width:	1																
Variable Format:	numeric																
Implied Decimal Places:	0																
<b>Categories</b>																	
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>3</td><td>Did not receive results</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	3	Did not receive results	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																
0	NIU																
1	No																
2	Yes																
3	Did not receive results																
7	Unknown-refused																
8	Unknown-not ascertained																
9	Unknown-don't know																

## Variable: "CVDSYMP"

Name:	CVDSYMP
Label:	Severity of coronavirus symptoms at their worst
Variable Text:	<p>For sample children and sample adults who have been told by a doctor or other health professional that they had or likely had coronavirus (CVDDIAG) or tested positive for COVID-19 (CVDTESTRSLT), CVDSYMP describes their coronavirus symptoms when they were at their worst.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>

Concept:	COVID-19 Variables -- PERSON																		
Start Position:	420																		
End Position:	420																		
Width:	1																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
<b>Categories</b>																			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>No symptoms</td> </tr> <tr> <td>2</td> <td>Mild symptoms</td> </tr> <tr> <td>3</td> <td>Moderate symptoms</td> </tr> <tr> <td>4</td> <td>Severe symptoms</td> </tr> <tr> <td>7</td> <td>Unknown-refused</td> </tr> <tr> <td>8</td> <td>Unknown-not ascertained</td> </tr> <tr> <td>9</td> <td>Unknown-don't know</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	No symptoms	2	Mild symptoms	3	Moderate symptoms	4	Severe symptoms	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label																		
0	NIU																		
1	No symptoms																		
2	Mild symptoms																		
3	Moderate symptoms																		
4	Severe symptoms																		
7	Unknown-refused																		
8	Unknown-not ascertained																		
9	Unknown-don't know																		

### Variable: "CVDCANTREA"

Name:	CVDCANTREA
Label:	In treatment or supposed to receive treatment for cancer since start of coronavirus pandemic
Variable Text:	<p>For sample adults who have ever had cancer (CANCEREV), CVDCANTREA indicates if the person was in treatment or supposed to receive treatment for their cancer at any time since the start of the coronavirus pandemic.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON

Start Position:	421														
End Position:	421														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "CVDCANCHG"

Name:	CVDCANCHG
Label:	Cancer treatments changed, delayed, or cancelled because of the coronavirus pandemic
Variable Text:	<p>For sample adults who had treatment or were supposed to receive treatment for cancer during the coronavirus pandemic (CVDCANTREA), CVDCANCHG indicates if any of their treatments for cancer were changed, delayed, or cancelled because of the coronavirus pandemic.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	422
End Position:	422

Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "CVDCANOTHTR"

Name:	CVDCANOTHTR
Label:	Needed other medical care for cancer since start of coronavirus pandemic
Variable Text:	<p>For sample adults who have ever had cancer (CANCEREV), CVDCANOTHTR indicates if, at any time since the start of the coronavirus pandemic, they needed any other medical care for their cancer, such as lab visits, imaging, monitoring visits, rehabilitation, physical therapy, care for side effects, or visits with medical specialists.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	423
End Position:	423
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### Variable: "CVDCANOTHCHG"

Name:	CVDCANOTHCHG
Label:	Other medical care for cancer changed, delayed, or cancelled because of the coronavirus pandemic
Variable Text:	For sample adults who needed other medical care related to cancer during the coronavirus pandemic (CVDCANOTHTR), CVDCANOTHCHG indicates if any of their other medical care related to their cancer was changed, delayed, or cancelled because of the coronavirus pandemic.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.
Concept:	COVID-19 Variables -- PERSON
Start Position:	424
End Position:	424
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDDLYCARE"**

Name:	CVDDLYCARE				
Label:	Delayed getting medical care because of the coronavirus pandemic				
Variable Text:	For sample children and sample adults, CVDDLYCARE indicates if there was any time they delayed getting medical care because of the coronavirus pandemic.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.				
Concept:	COVID-19 Variables -- PERSON				
Start Position:	425				
End Position:	425				
Width:	1				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table border="1"> <thead> <tr> <th><b>Value</b></th><th><b>Label</b></th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> </tbody> </table>		<b>Value</b>	<b>Label</b>	0	NIU
<b>Value</b>	<b>Label</b>				
0	NIU				

1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDDNGCARE"**

Name:	CVDDNGCARE										
Label:	Did not get needed medical care other than for coronavirus because of the coronavirus pandemic										
Variable Text:	For sample children and sample adults, CVDDNGCARE indicates if there was any time they needed medical care for something other than coronavirus, but did not get it because of the coronavirus pandemic.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.										
Concept:	COVID-19 Variables -- PERSON										
Start Position:	426										
End Position:	426										
Width:	1										
Variable Format:	numeric										
Implied Decimal Places:	0										
<b>Categories</b>											
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>0</td><td>NIU</td></tr> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Yes</td></tr> <tr><td>7</td><td>Unknown-refused</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused
Value	Label										
0	NIU										
1	No										
2	Yes										
7	Unknown-refused										

8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "VIRAPP12M"**

Name:	VIRAPP12M
Label:	Had a medical appointment by video or phone, past 12 months
Variable Text:	<p>For sample children and sample adults, VIRAPP12M indicates if they had an appointment with a doctor, nurse, or other health professional by video or by phone in the past 12 months.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	427
End Position:	427
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDVIRAPPDVD"**

Name:	CVDVIRAPPCVD														
Label:	Had a virtual medical appointment because of reasons related to the coronavirus pandemic														
Variable Text:	<p>For sample children and sample adults who have had a virtual medical appointment in the past 12 months (VIRAPP12M), CVDVIRAPPCVD indicates if any of their appointments were done virtually because of reasons related to the coronavirus pandemic.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	428														
End Position:	428														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "CVDDNGHMECARE"

Name:	CVDDNGHMECARE
Label:	Did not get needed medical care at home because of the coronavirus pandemic
Variable	For sample adults, CVDDNGHMECARE reports if there was any time they needed care at

Text:	home from a nurse or other health professional but did not get it because of the coronavirus pandemic.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	429														
End Position:	429														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "CVDFAMCAR12M"

Name:	CVDFAMCAR12M
Label:	Received care at home from friend or family member, past 12 months
Variable Text:	<p>For sample adults, CVDFAMCAR12M indicates if they received care at home from a friend or family member in the past 12 months. The 2020 NHIS questionnaire further specifies that "A wide range of activities that a person may need help with can be considered care. For example, care at home can include personal tasks such as giving medications or helping with eating, dressing, or bathing or household tasks such as cleaning, managing money, or preparing meals."</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For</p>

	the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	430														
End Position:	430														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

## Variable: "CVDDNGFAMCAR"

Name:	CVDDNGFAMCAR
Label:	Did not get needed care at home from friend or family because of coronavirus pandemic
Variable Text:	<p>For sample adults, CVDDNGFAMCAR indicates if there was a time they needed care at home from a friend or family member but did not get it because of the coronavirus pandemic.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start	431

Position:															
End Position:	431														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "CVDFAMCAREPR"

Name:	CVDFAMCAREPR
Label:	Friend or family provided some or all of the care health professional did not provide due to the coronavirus pandemic
Variable Text:	<p>For sample adults who did not get home care from a nurse or health professional due to COVID-19 (CVDDNGHMECARE) and received home care from a friend or family member (CVDFAMCAR12M), CVDFAMCAREPR reports if a friend or family member provided some or all of the care that a nurse or other health professional did not provide due to the coronavirus pandemic.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	432
End Position:	432

Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

### Variable: "CVDCURJOBSD"

Name:	CVDCURJOBSD
Label:	Currently social distancing measures in effect at main job or business
Variable Text:	<p>For sample adults who were working at or were on temporary leave from a paid job or business last week, or who have seasonal/contract work or who work, but not for pay, CVDCURJOBSD indicates if there are currently social distancing measures in effect to help keep people apart at their current main job or business.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	433
End Position:	433
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
<b>Categories</b>	
<b>Value</b>	<b>Label</b>
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "CVDWCLSDCUR"

Name:	CVDWCLSDCUR
Label:	How often still need to work closer than 6 feet at main job or business
Variable Text:	<p>For sample adults who have social distancing measures currently in effect at their main job or business (CVDCURJOBSD), CVDWCLSDCUR indicates how often they still need to work closer than 6 feet to other people at their current main job or business.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	434
End Position:	434
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	All of the time
2	Most of the time
3	Some of the time
4	None of the time
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "CVDWCLNOSD"

Name:	CVDWCLNOSD		
Label:	How often needed to work closer than 6 feet without social distancing measures		
Variable Text:	<p>For sample adults who have social distancing measures currently in effect at their main job or business (CVDCURJOBSD), CVDWCLNOSD indicates how often they needed to work closer than 6 feet to other people when social distancing measures were not in effect.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>		
Concept:	COVID-19 Variables -- PERSON		
Start Position:	435		
End Position:	435		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> </table>		Value	Label
Value	Label		

	0	NIU
	1	All of the time
	2	Most of the time
	3	Some of the time
	4	None of the time
	5	Only worked at main job when SD measures were in effect
	7	Unknown-refused
	8	Unknown-not ascertained
	9	Unknown-don't know

## Variable: "CVDWCLOFT"

Name:	CVDWCLOFT		
Label:	How often need to work closer than 6 feet at main job or business (no social distancing)		
Variable Text:	<p>For sample adults who do not have social distancing measures currently in effect at their main job or business or refused or don't know (CVDCURJOBSD), CVDWCLOFT indicates how often they need to work closer than 6 feet to other people at their current main job or business.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>		
Concept:	COVID-19 Variables -- PERSON		
Start Position:	436		
End Position:	436		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

0	NIU
1	All of the time
2	Most of the time
3	Some of the time
4	None of the time
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDJOBSDEV"**

Name:	CVDJOBSDEV		
Label:	Main job or business put social distancing measures into effect since start of the coronavirus pandemic		
Variable Text:	For sample adults who do not have social distancing measures currently in effect at their main job or business or refused or don't know (CVDWCLNOSD), CVDJOBSDEV indicates if their main job or business put social distancing measures into effect at any time since the start of the coronavirus pandemic.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.		
Concept:	COVID-19 Variables -- PERSON		
Start Position:	437		
End Position:	437		
Width:	1		
Variable Format:	numeric		
Implied Decimal Places:	0		
<b>Categories</b>			
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> </table>		Value	Label
Value	Label		

0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDWCLSDOF"**

Name:	CVDWCLSDOF								
Label:	How often needed closer to work closer than 6 feet when social distancing measures were in effect								
Variable Text:	<p>For sample adults whose main job or business put social distancing measures into effect since the start of the coronavirus pandemic (CVDJOBSDEV), CVDWCLSDOF indicates how often they needed to work closer than 6 feet to other people when social distancing measures were in effect.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>								
Concept:	COVID-19 Variables -- PERSON								
Start Position:	438								
End Position:	438								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>0</td><td>NIU</td></tr> <tr><td>1</td><td>All of the time</td></tr> <tr><td>2</td><td>Most of the time</td></tr> </tbody> </table>		Value	Label	0	NIU	1	All of the time	2	Most of the time
Value	Label								
0	NIU								
1	All of the time								
2	Most of the time								

3	Some of the time
4	None of the time
5	Did not work at main job when SD measures were in effect
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDMNJOBSD12M"**

Name:	CVDMNJOBSD12M
Label:	Any social distancing measures in effect at main job held in last 12 months
Variable Text:	<p>For sample adults who last worked in the past 12 months, CVDMNJOBSD12M indicates if, at the main job they held in the past 12 months, there were ever any social distancing measures in effect while they worked there.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	439
End Position:	439
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	NIU
1	No
2	Yes

7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDWCLSD12M"**

Name:	CVDWCLSD12M
Label:	How often still needed to work closer than 6 feet to other people at main job held in past 12 months
Variable Text:	For sample adults who had social distancing measures in effect at the main job or business they held in the past 12 months (CVDMNJOBSD12M), indicates how often they still needed to work closer than 6 feet to other people when social distancing measures were in effect.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.
Concept:	COVID-19 Variables -- PERSON
Start Position:	440
End Position:	440
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	All of the time
2	Most of the time
3	Some of the time
4	None of the time

	7	Unknown-refused
	8	Unknown-not ascertained
	9	Unknown-don't know

**Variable: "CVDWCLNOSD12M"**

Name:	CVDWCLNOSD12M														
Label:	How often needed to work closer than 6 feet to other people at main job held in past 12 months when social distancing measures were not in effect														
Variable Text:	For sample adults who had social distancing measures in effect at their main job or business they held in the past 12 months (CVDMNJOBSD12M), CVDWCLNOSD12M indicates how often they needed to work closer than 6 feet to other people when social distancing measures were not in effect.  NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	441														
End Position:	441														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table border="1"> <thead> <tr> <th>Value</th> <th>Label</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>NIU</td> </tr> <tr> <td>1</td> <td>All of the time</td> </tr> <tr> <td>2</td> <td>Most of the time</td> </tr> <tr> <td>3</td> <td>Some of the time</td> </tr> <tr> <td>4</td> <td>None of the time</td> </tr> <tr> <td>5</td> <td>Only worked at main job when SD measures were in effect</td> </tr> </tbody> </table>		Value	Label	0	NIU	1	All of the time	2	Most of the time	3	Some of the time	4	None of the time	5	Only worked at main job when SD measures were in effect
Value	Label														
0	NIU														
1	All of the time														
2	Most of the time														
3	Some of the time														
4	None of the time														
5	Only worked at main job when SD measures were in effect														

7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

## Variable: "CVDWCLSOFT12M"

Name:	CVDWCLSOFT12M
Label:	How often needed to work closer than 6 feet to other people at main job held in past 12 months (no social distancing measures at job)
Variable Text:	<p>For sample adults who did not have social distancing measures in effect at the job they held in the past 12 months or refused or don't know (CVDMNJOBSD12M), CVDWCLSOFT12M indicates how often they needed to work closer than 6 feet to other people.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	442
End Position:	442
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	NIU
1	All of the time
2	Most of the time
3	Some of the time
4	None of the time

7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "CVDJOBANYSD"**

Name:	CVDJOBANYSD														
Label:	Social distancing measures ever in effect at current or recent job														
Variable Text:	<p>For sample adults who were working at or were on temporary leave from a paid job or business last week, or who have seasonal/contract work, or who work but not for pay, or who did not have a job or business last week but did in the past 12 months, CVDJOBANYSD indicates whether social distancing measures are or were ever in effect at their current or recent job.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>														
Concept:	COVID-19 Variables -- PERSON														
Start Position:	443														
End Position:	443														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
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Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "CVDCLSWRKSD"**

Name:	CVDCLSWRKSD
Label:	How often work close to others with social distancing measures at current or recent job
Variable Text:	<p>For sample adults whose main job currently has social distancing measures in effect (CVDCURJOBSD), put social distancing measures in effect since the start of the coronavirus pandemic (CVDJOBSDEV), or who had social distancing measures in effect in the past 12 months (CVDMNJOBSD12M), CVDCLSWRKSD indicates how often they worked close to others with social distancing measures in place.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	444
End Position:	444
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	All of the time
2	Most of the time
3	Some of the time
4	None of the time
5	Did not work at main job when social distancing measures were in effect
7	Unknown-refused
8	Unknown-not ascertained

9

Unknown-don't know

**Variable: "CVDCLSWRKNOSD"**

Name:	CVDCLSWRKNOSD
Label:	How often work close to others without social distancing measures at current or recent job
Variable Text:	<p>For sample adults who were working at or were on temporary leave from a paid job or business last week, or who have seasonal/contract work, or who work but not for pay, or who did not have a job or business last week but did in the past 12 months, CVDCLSWRKNOSD indicates how often they worked close to others when social distancing measures were not in place at work.</p> <p>NCHS added nearly 30 questions related to COVID starting in quarter 3 of the 2020 NHIS questionnaire, eight of which are asked of both sample adults and sample children. For the full list of variables, as well as information about COVID-related changes to the NHIS, please see the user note.</p>
Concept:	COVID-19 Variables -- PERSON
Start Position:	445
End Position:	445
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	All of the time
2	Most of the time
3	Some of the time
4	None of the time
5	Only worked at main job when social distancing measures were in effect
7	Unknown-refused
8	Unknown-not ascertained

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Unknown-don't know