
2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Identification Fields

PUBLIC USE

Document Version Date: 29-May-12

Question ID: IDN.000_00.000

Instrument Variable Name:

Final Documentation Name: RECTYPE

Record Type

Universe:

Description:

Sources: None

Recodes: None

Keywords: None

Notes: None

File type identifier

10	Household
20	Person
25	Income Imputation
30	Sample Adult
31	Sample Adult Cancer
38	Functioning and Disability
39	Adult Disability Questions Test
40	Sample Child
49	Child Disability Questions Test
60	Family
63	Family Disability Questions Test
65	Paradata
70	Injury/Poisoning Episode
75	Injury/Poisoning Verbatim

Question ID: IDN.000_02.000

Instrument Variable Name:

Final Documentation Name: SRVY_YR

Survey Year

Universe:

Description:

Sources: None

Recodes: None

Keywords: None

Notes: None

Year of National Health Interview Survey

Year	Survey Year
------	-------------

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Identification Fields

PUBLIC USE

Document Version Date: 29-May-12

Question ID: IDN.000_04.000

Instrument Variable Name:

Final Documentation Name: HHX

Household Number

Universe:

Description: All households

Sources: None

Recodes: None

Keywords: household number

Notes: Use this variable in combination with SRVY_YR to identify individual households.

Household Number

Question ID: IDN.000_35.000

Instrument Variable Name:

Final Documentation Name: FMX

Family Number

Universe:

Description: All families

Sources: None

Recodes: None

Keywords: family number

Notes: Use this variable in combination with HHX and SRVY_YR to identify individual families.

Family Number

01-25 Family number 1 - 25

Question ID: IDN.000_70.000

Instrument Variable Name:

Final Documentation Name: WTFA_FAM

Universe:

Description:

Sources: None

Recodes: None

Keywords: None

Notes: No Census control totals for the number of civilian, non-institutionalized families exist. This weight is equal to the final person weight (WTFA) of the family member with the smallest post-stratification adjustment.

Weight - Final Annual

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family**

familyxx : Front

PUBLIC USEDocument Version Date: 29-May-12

Question ID: FRT.010_02.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FINT_Y_P

Generated variable

Universe: FM = ALL

Description: All families

Sources: CDATE

Recodes: None

Keywords: interview year

Notes: None

Year Interview Completed - Year

Year	Completion Year
9998	Not ascertained

Question ID: FRT.010_02.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FINT_M_P

Generated variable

Universe: FM = ALL

Description: All families

Sources: CDATE

Recodes: None

Keywords: interview month

Notes: None

Date of Interview - Month

01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
98	Not ascertained

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Coverage****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: COV.330_01.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: TELN_FLG

What is the telephone number here?

Universe: FM = ALL

Description: All families

Sources: TELENUM

Recodes: None

Keywords: telephone number; working telephone

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Supplied telephone number

- | | |
|---|-----------------------|
| 1 | Gave telephone number |
| 2 | No telephone |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: COV.331_00.000

Instrument Variable Name: CURWRK

Final Documentation Name: CURWRKN

Is there at least one telephone INSIDE your home that is currently working and is not a cell phone?

Universe: TELN_FLG ne '2'

Description: All families who have a phone, or DK/REF phone number

Sources: None

Recodes: None

Keywords: telephone number; working telephone

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Working phone inside home

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Coverage

PUBLIC USE

Document Version Date: 29-May-12

Question ID: COV.332_00.000

Instrument Variable Name: RNOSERV

Final Documentation Name: RNOSERVN

Not including cell phones, have you or your family been without telephone service for one week or more during the past 12 months? Do not include interruptions of phone service due to weather or natural disasters.

Universe: CURWRKN in ('1','7','9')

Description: Families who have a current working land-line phone or who DK/REF whether they have a current working land-line phone

Sources: None

Recodes: None

Keywords: telephone service

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Without telephone service in the past 12 months

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: COV.333_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: RHLNGDY

Not including cell phones, how long were you or your family without telephone service in the past 12 months?

Universe: TELN_FLG = '2' or CURWRKN = '2' or RNOSERVN = '1'

Description: Families with no phone or who have no working land-line phone or who have been without land-line phone service for one week or more during the past 12 months

Sources: RHLGDY_1; RHLGDY_2

Recodes: None

Keywords: no telephone service

Notes: This question was asked at the Family Level, and it resides in the Coverage Section of the instrument.

Number of days without telephone service

- | | |
|---------|------------------|
| 000 | Less than 1 week |
| 007-365 | 7-365 days |
| 997 | Refused |
| 998 | Not ascertained |
| 999 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Coverage****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: COV.334_00.000

Instrument Variable Name: TELCEL

Final Documentation Name: TELCELN

Do you or anyone in your family have a working cell phone?

Universe: All

Description: All families

Sources: None

Recodes: None

Keywords: working cell phone; cellular telephone

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Working cell phone in family

1	Yes
2	No
7	Refused
8	Not ascertained
9	Don't know

Question ID: COV.335_00.000

Instrument Variable Name: WRKCEL

Final Documentation Name: WRKCELN

How many working cell phones do you or people in your family have?

Universe: TELCELN='1'

Description: Families with a working cell phone

Sources: None

Recodes: None

Keywords: working cell phone; cellular telephone

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Number of working cell phones

01-10	1-10 phones
97	Refused
98	Not ascertained
99	Don't know

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Coverage

PUBLIC USE

Document Version Date: 29-May-12

Question ID: COV.336_00.000

Instrument Variable Name: CELLOUT

Final Documentation Name: CELLOUT

During the most recent time you or your family were without telephone service, did you have a working cell phone?

Universe: (TELCELN IN ('2','7','9') and CURWRKN='1' and RNOSERVN='1') or (('01'<=WRKCELN<='10' or WRKCELN in ('97','99')) and CURWRKN='1' and RNOSERVN='1')

Description: Families with no cell phone, or Ref/DK whether they had working cell phone and have a current working land-line that was out of service in the past 12 months, or who have a least one working cell phone or REF DK number of working cell phones and have current working land-line that was out of service in the past 12 months

Sources: None

Recodes: None

Keywords: no telephone service; working cell phone

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Working cell during land-line outage

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: COV.337_00.000

Instrument Variable Name: PHONEUSE

Final Documentation Name: PHONEUSE

Of all the telephone calls that you or your family receives, are all or almost all calls received on cell phones, some received on cell phones and some on regular phones, or very few or none received on cell phones?

Universe: TELCELN='1' and CURWRKN='1'

Description: Working cell phone and working land line in family

Sources: None

Recodes: None

Keywords: telephone calls; cell phone; regular phone

Notes: This question was asked at the Family level, and it resides in the Coverage Section of the instrument.

Received calls cell/landline/both

- | | |
|---|---|
| 1 | All or almost all calls received on cell phones |
| 2 | Some received on cell phones and some on regular phones |
| 3 | Very few or none on cell phones |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Back

PUBLIC USE

Document Version Date: 29-May-12

Question ID: BCK.045_00.000

Instrument Variable Name: CLOSE1

Final Documentation Name: FLNGINTV

In which language was this interview conducted?

Universe: FM = ALL

Description: All families

Sources: None

Recodes: None

Keywords: interview language

Notes: The interviewer answered this question, and it was asked at the family level.

Language of Interview

1	English
2	Spanish
3	English and Spanish
4	Other
8	Not ascertained

Question ID: MFM.000_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FM_SIZE

Generated variable

Universe: AGE = ALL

Description: All families

Sources: None

Recodes: None

Keywords: size of family

Notes: None

Size of family

01-99 Size of family

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Mini Family****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: MFM.000_00.000 R03 RECODE Instrument Variable Name:
Final Documentation Name: FM_KIDS

Universe: AGE = ALL

Description: All families

Sources: None

Recodes: None

Keywords: children per family

Notes: This is a generated variable that does not have a true source question.

family members under 18 years of age

00-25 Number of family members

Question ID: MFM.000_00.000 R04 RECODE Instrument Variable Name:
Final Documentation Name: FM_ELDR

Universe: AGE = ALL

Description: All families

Sources: None

Recodes: None

Keywords: persons 65 and older per family

Notes: This is a generated variable that does not have a true source question.

family members aged 65 and older

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Mini Family

PUBLIC USE

Document Version Date: 29-May-12

Question ID: MFM.000_00.000

R05 RECODE

Instrument Variable Name:

Final Documentation Name: FM_TYPE

Recode

Universe: AGE = ALL

Description: All families

Sources: AGE; FM_SIZE

Recodes: None

Keywords: family type; living arrangements

Notes: FM_TYPE replaces FMTYPE, the family type recode on the 1997-2003 Family file. Regarding the family structure variables, emancipated minors are treated as adults regardless of their age. This variable does not have a single true source; please refer to the Survey Description Document for more information.

Family type

- 1 One adult, no child(ren) under 18
 - 2 Multiple adults, no child(ren) under 18
 - 3 One adult, 1+ child(ren) under 18
 - 4 Multiple adults, 1+ child(ren) under 18
 - 9 Unknown
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Mini Family****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: MFM.000_00.000

R07 RECODE

Instrument Variable Name:

Final Documentation Name: FM_STRCP

Recode

Universe: AGE = ALL

Description: All families

Sources: FM_TYPE; FMOTHER; FFATHER; MOM_DEG; DAD_DEG; FRRP; R_MARITL

Recodes: None

Keywords: family structure; parent; single parent; step parent; unmarried; cohabiting

Notes: FM_STRCP replaces FMSTRCT2 and is identical to the variables of the same name that were included in the 1998, 2001-2003 NHIS Person File. Beginning in 2004, the family structure recodes will no longer be included on any individual-level files (e.g., Person, Sample Child, etc.). Families that could not be classified are coded "99". Regarding the family structure variables, emancipated minors are treated as adults regardless of their age. See the Survey Description document for more information.

Family Structure

- 11 Living alone
 - 12 Living with roommate(s)
 - 21 Married couple
 - 22 Unmarried couple
 - 23 All other adult-only families
 - 31 Mother and biological or non-biological child(ren) only
 - 32 Father and biological or non-biological child(ren) only
 - 33 All other single-adult and child(ren) families
 - 41 Married or unmarried parents with biological/adoptive child(ren) only
 - 42 Parent (biological or adoptive), step parent, and child(ren) only
 - 43 Parent (biological or adoptive), cohabiting partner, and child(ren) only
 - 44 At least 1 (biological or adoptive) parent and 1+ child(ren), and other related adults
 - 45 Other related and/or unrelated adults, 1+ child(ren), no biological or adoptive parent(s)
 - 99 Unknown
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Mini Family****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: MFM.000_00.000

R08 RECODE

Instrument Variable Name:

Final Documentation Name: FM_STRP

Recode

Universe: AGE = ALL

Description: All persons

Sources: FM_TYPE; FMOTHER; FFATHER; MOM_DEG; DAD_DEG; FRRP; R_MARITL

Recodes: None

Keywords: family structure; parent; single parent; step parent; unmarried; cohabiting

Notes: FM_STRP replaces FMSTR2 and is identical to the variables of the same name that were included in the 1999-2004 NHIS Person File. Beginning in 2004, the family structure recodes will no longer be included on any individual-level files (e.g., Person, Sample Child, etc.). Families that could not be classified are coded "99". Regarding the family structure variables, emancipated minors are treated as adults regardless of their age. See the Survey Description document for more information.

Family Structure

- 11 Living alone
 - 12 Living with roommate(s)
 - 21 Married couple
 - 22 Unmarried couple
 - 23 All other adult-only families
 - 31 Mother and biological or non-biological child(ren) only
 - 32 Father and biological or non-biological child(ren) only
 - 33 All other single-adult and child(ren) families
 - 41 Married parents with biological/adoptive child(ren) only
 - 42 Cohabiting parent(s) with child(ren) only
 - 43 Parent (biological or adoptive), step parent, and child(ren) only
 - 44 At least 1 (biological or adoptive) parent and 1+ child(ren), and other related adults
 - 45 Other related and/or unrelated adults, 1+ child(ren), no biological or adoptive parent(s)
 - 99 Unknown
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Mini Family****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: MFM.000_00.000

R10 RECODE

Instrument Variable Name:

Final Documentation Name: FM_EDUC1

Recode

Universe: AGE = 1+ member AGE = 18+

Description: All families with members aged 18 and over

Sources: EDUC1

Recodes: None

Keywords: education

Notes: FM_EDUC1 replaces FM_EDUC, the family education recode in the 1997-2003 Family file. FM_EDUC1 and FM_EDUC are not equivalent: GED recipients and High School graduates are coded as "3" and "4", respectively on FM_EDUC1, whereas they were coded as "4" and "3", respectively, on FM_EDUC.

Education of adult with highest education in family

- | | |
|----|--|
| 01 | Less than/equal to 8th grade |
| 02 | 9-12th grade, no high school diploma |
| 03 | GED recipient |
| 04 | High school graduate |
| 05 | Some college, no degree |
| 06 | AA degree, technical or vocational |
| 07 | AA degree, academic program |
| 08 | Bachelor's degree (BA, BS, AB, BBA) |
| 09 | Master's, professional, or doctoral degree |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHS.005_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FCHLMYN

Recode based on FHS.010: [Are/Is] [person(s) <5 years old] limited in the kind or amount of play activities [he/she/they] can do because of a physical, mental, or emotional problem?

Universe: FM = 1+ member AGE LT 5

Description: Families with children younger than 5 years

Sources: FLAPLYLM (FHS.005); PLAPLYLM (FHS.010)

Recodes: None

Keywords: activity limitation; limited in kind/amount play

Notes: None

Any children under age 5 in family with play limitations?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHS.005_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FCHLMCT

Recode based on FHS.010: [Are/Is] [person(s) <5 years old] limited in the kind or amount of play activities [he/she/they] can do because of a physical, mental, or emotional problem?

Universe: FM = 1+ member AGE LT 5

Description: Families with children younger than 5 years

Sources: FLAPLYLM (FHS.005); PLAPLYLM (FHS.010)

Recodes: None

Keywords: activity limitation; limited in kind/amount play

Notes: None

children under age 5 in family with play limitations

00-25 Number of children

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Status & Limitations****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHS.050_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: FSPEDYN

Recode based on FHS.060: Do any of the children under 18 in this family receive Special Educational or Early Intervention Services?

Universe: FM = 1+ member AGE LT 18

Description: Families with children younger than 18 years

Sources: FSPEDEIS (FHS.050); PSPEDEIS (FHS.060)

Recodes: None

Keywords: special education; early intervention services

Notes: None

Any children in family receive Special Education/EIS?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

Question ID: FHS.050_00.000 R02 RECODE Instrument Variable Name:
Final Documentation Name: FSPEDCT

Recode based on FHS.060: Do any of the children under 18 in this family receive Special Educational or Early Intervention Services?

Universe: FM = 1+ member AGE LT 18

Description: Families with children younger than 18 years

Sources: FSPEDEIS (FHS.050); PSPEDEIS (FHS.060)

Recodes: None

Keywords: special education; early intervention services

Notes: None

children in family receiving Special Education/EIS

00-25 Number of children

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHS.070_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FLAADLYN

Recode based on FHS.080: Because of a physical, mental, or emotional problem, [do/does] [person aged 3 and older] need the help of other persons with PERSONAL CARE NEEDS, such as eating, bathing, dressing, or getting around inside this home?

Universe: FM = ALL

Description: All families

Sources: FLAADL (FHS.070); PLAADL (FHS.080)

Recodes: None

Keywords: activity limitation; personal care needs; activity of daily living (ADL)

Notes: None

Any family member need help with an ADL?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHS.070_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FLAADLCT

Recode based on FHS.080: Because of a physical, mental, or emotional problem, [do/does] [person aged 3 and older] need the help of other persons with PERSONAL CARE NEEDS, such as eating, bathing, dressing, or getting around inside this home?

Universe: FM = ALL

Description: All families

Sources: FLAADL (FHS.070); PLAADL (FHS.080)

Recodes: None

Keywords: activity limitation; personal care needs; activity of daily living (ADL)

Notes: None

family members needing help with an ADL

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHS.150_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FLIADLYN

Recode based on FHS.160: Because of a physical, mental, or emotional problem, [do/does] [you/anyone in the family ages 18+] need the help of other persons in handling ROUTINE NEEDS, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?

Universe: FM = 1+ member AGE = 18+

Description: Families with members 18+ years

Sources: FLAIADL (FHS.150); PLAIADL (FHS.160)

Recodes: None

Keywords: activity limitation; need help; chores, shop; routine needs; instrumental activity of daily living (IADL)

Notes: None

family member need help with an IADL?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHS.150_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FLIADLCT

Recode based on FHS.160: Because of a physical, mental, or emotional problem, [do/does] [you/anyone in the family ages 18+] need the help of other persons in handling ROUTINE NEEDS, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?

Universe: FM = 1+ member AGE = 18+

Description: Families with members 18+ years

Sources: FLAIADL (FHS.150); PLAIADL (FHS.160)

Recodes: None

Keywords: activity limitation; need help; chores, shop; routine needs; instrumental activity of daily living (IADL)

Notes: None

family members needing help with an IADL

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHS.190_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FWKLIMYN

Recode based on FHS.180 and FHS.200: Does a physical, mental or emotional problem NOW keep [you/anyone in the family (ages 18+)] from working at a job or business? Are [you/any of these family members (other than the persons mentioned)] limited in the kind OR amount of work [you/they] can do because of a physical, mental or emotional problem?

Universe: FM = 1+ member AGE = 18+

Description: Families with members 18+ years

Sources: FLAWKNOW (FHS.170); PLAWKNOW (FHS.180); FLAWKLIM (FHS.190); PLAWKLIM (FHS.200)

Recodes: None

Keywords: activity limitation; limited kind/amount of work; unable to work

Notes: Emancipated minors are not in the universe for the source questions. Hence, a family consisting solely of 1+ emancipated minors is not in the universe for this variable.

Any family member have work limitations due to a health problem?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHS.190_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FWKLIMCT

Recode based on FHS.180 and FHS.200: Does a physical, mental or emotional problem NOW keep [you/anyone in the family (ages 18+)] from working at a job or business? Are [you/any of these family members (other than the persons mentioned)] limited in the kind OR amount of work [you/they] can do because of a physical, mental or emotional problem?

Universe: FM = 1+ member AGE = 18+

Description: Families with members 18+ years

Sources: FLAWKNOW (FHS.170); PLAWKNOW (FHS.180); FLAWKLIM (FHS.190); PLAWKLIM (FHS.200)

Recodes: None

Keywords: activity limitation; limited kind/amount of work; unable to work

Notes: Emancipated minors are not in the universe for the source questions. Hence, a family consisting solely of 1+ emancipated minors is not in the universe for this variable.

family members with work limitations due to a health problem

00-25 Number of members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHS.210_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FWALKYN

Recode based on FHS.220: Because of a health problem, [do/does] [you/anyone in the family] have difficulty walking without using any special equipment?

Universe: FM = ALL

Description: All families

Sources: FLAWALK (FHS.210); PLAWALK (FHS.220)

Recodes: None

Keywords: activity limitation; difficulty walking without equipment

Notes: None

Any family member have difficulty walking without equipment?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHS.210_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FWALKCT

Recode based on FHS.220: Because of a health problem, [do/does] [you/anyone in the family] have difficulty walking without using any special equipment?

Universe: FM = ALL

Description: All families

Sources: FLAWALK (FHS.210); PLAWALK (FHS.220)

Recodes: None

Keywords: activity limitation; difficulty walking without equipment

Notes: None

family members having difficulty walking without equipment

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Status & Limitations****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHS.230_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FREMEMYN

Recode based on FHS.240: [Are/Is] [person] LIMITED IN ANY WAY because of difficulty remembering or because [you/they] experience periods of confusion?

Universe: FM = ALL

Description: All families

Sources: FLAREMEM (FHS.230); PLAREMEM (FHS.240)

Recodes: None

Keywords: activity limitation; difficulty remembering

Notes: None

Any family member limited by difficulty remembering?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

Question ID: FHS.230_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FREMEMCT

Recode based on FHS.240: [Are/Is] [person] LIMITED IN ANY WAY because of difficulty remembering or because [you/they] experience periods of confusion?

Universe: FM = ALL

Description: All families

Sources: FLAREMEM (FHS.230); PLAREMEM (FHS.240)

Recodes: None

Keywords: activity limitation; difficulty remembering

Notes: None

family members with difficulty remembering

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Status & Limitations****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHS.250_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FANYLYN

Recode based on FHS.260: [Are/Is] [person] LIMITED IN ANY WAY in any activities because of physical, mental or emotional problems?

Universe: FM = ALL

Description: All families

Sources: FLIMANY (FHS.250); PLIMANY (FHS.260)

Recodes: None

Keywords: activity limitation; limited in any activities

Notes: None

Is any family member limited in ANY WAY?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHS.250_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FANYLCT

Recode based on FHS.260: [Are/Is] [person] LIMITED IN ANY WAY in any activities because of physical, mental or emotional problems?

Universe: FM = ALL

Description: All families

Sources: FLIMANY (FHS.250); PLIMANY (FHS.260)

Recodes: None

Keywords: activity limitation; limited in any activities

Notes: None

of family members with ANY limitation

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHS.500_00.000

R03 RECODE

Instrument Variable Name:

Final Documentation Name: FHSTATEX

Recode based on FHS.500: Would you say [subject's name] health in general is excellent, very good, good, fair, or poor?

Universe: FM = ALL

Description: All families

Sources: PHSTAT (FHS.500)

Recodes: None

Keywords: activity limitation; health status

Notes: None

family members in excellent health

00-25 Number of family members

Question ID: FHS.500_00.000

R04 RECODE

Instrument Variable Name:

Final Documentation Name: FHSTATVG

Recode based on FHS.500: Would you say [subject's name] health in general is excellent, very good, good, fair, or poor?

Universe: FM = ALL

Description: All families

Sources: PHSTAT (FHS.500)

Recodes: None

Keywords: activity limitation; health status

Notes: None

family members in very good health

00-25 Number of family members

Question ID: FHS.500_00.000

R05 RECODE

Instrument Variable Name:

Final Documentation Name: FHSTATG

Recode based on FHS.500: Would you say [subject's name] health in general is excellent, very good, good, fair, or poor?

Universe: FM = ALL

Description: All families

Sources: PHSTAT (FHS.500)

Recodes: None

Keywords: activity limitation; health status

Notes: None

family members in good health

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Status & Limitations****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHS.500_00.000

R06 RECODE

Instrument Variable Name:

Final Documentation Name: FHSTATFR

Recode based on FHS.500: Would you say [subject's name] health in general is excellent, very good, good, fair, or poor?

Universe: FM = ALL

Description: All families

Sources: PHSTAT (FHS.500)

Recodes: None

Keywords: activity limitation; health status

Notes: None

family members in fair health

00-25 Number of family members

Question ID: FHS.500_00.000

R07 RECODE

Instrument Variable Name:

Final Documentation Name: FHSTATPR

Recode based on FHS.500: Would you say [subject's name] health in general is excellent, very good, good, fair, or poor?

Universe: FM = ALL

Description: All families

Sources: PHSTAT (FHS.500)

Recodes: None

Keywords: activity limitation; health status

Notes: None

family members in poor health

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Food Security

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FFS.010_00.000

Instrument Variable Name: FSRUNOUT

Final Documentation Name: FSRUNOUT

These next questions are about whether you were always able to afford the food you needed in the last 30 days. I'm going to read you several statements that people have made about their food situation. For these statements, please tell me whether the statement was often true, sometimes true, or never true for [fill 1: you/your family] in the last 30 days.

The first statement is "[fill 2: I/We] worried whether [fill 3: my/our] food would run out before [fill 4: I/we] got money to buy more." Was that often true, sometimes true, or never true for [fill 1: you/your family] in the last 30 days?

Universe: All

Description: All families

Sources: None

Recodes: None

Keywords: food security, worried about food; run out

Notes: None

Worried food would run out before got money to buy more

- | | |
|---|-----------------|
| 1 | Often true |
| 2 | Sometimes true |
| 3 | Never true |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FFS.020_00.000

Instrument Variable Name: FSLAST

Final Documentation Name: FSLAST

"The food that [fill 1: I/we] bought just didn't last, and [fill 1: I/we] didn't have money to get more." Was that often true, sometimes true, or never true for [fill 2: you/your family] in the last 30 days?

Universe: All

Description: All families

Sources: None

Recodes: None

Keywords: food security, food did not last

Notes: None

Food did not last before had money to get more

- | | |
|---|-----------------|
| 1 | Often true |
| 2 | Sometimes true |
| 3 | Never true |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Food Security

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FFS.030_00.000

Instrument Variable Name: FSBALANC

Final Documentation Name: FSBALANC

"[fill 1: I/We] couldn't afford to eat balanced meals." Was that often true, sometimes true, or never true for [fill 2: you/your family] in the last 30 days?

Universe: All

Description: All families

Sources: None

Recodes: None

Keywords: food security; balanced meals

Notes: None

Could not afford to eat balanced meals

- | | |
|---|-----------------|
| 1 | Often true |
| 2 | Sometimes true |
| 3 | Never true |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FFS.040_00.000

Instrument Variable Name: FSSKIP

Final Documentation Name: FSSKIP

In the last 30 days, did [fill 1: you/you or other adults in your family] ever cut the size of your meals or skip meals because there wasn't enough money for food?

Universe: FSRUNOUT in('1','2') or FSLAST in('1','2') or FSBALANC in('1','2')

Description: Families for whom it was often or sometimes true in the last 30 days that they worried that food would run out before they got money to buy more, or that food that was bought didn't last and they didn't have money to get more, or they couldn't afford to eat balanced meals

Sources: None

Recodes: None

Keywords: food security; cut meals; skip meals

Notes: None

Cut size or skipped meals because not enough money

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Food Security

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FFS.050_00.000

Instrument Variable Name: FSSKDAY5

Final Documentation Name: FSSKDAY5

In the last 30 days, how many days did this happen?

Universe: FSSKIP='1'

Description: Adults in the family cut the size of their meals or skipped meals in the last 30 days because there wasn't enough money for food

Sources: None

Recodes: None

Keywords: food security; cut meals; skip meals

Notes: None

Number of days cut size or skipped meals

01-30	Days
97	Refused
98	Not ascertained
99	Don't know

Question ID: FFS.060_00.000

Instrument Variable Name: FSLESS

Final Documentation Name: FSLESS

In the last 30 days, did you ever eat less than you felt you should because there wasn't enough money for food?

Universe: FSRUNOUT in('1','2') or FSLAST in('1','2') or FSBALANC in('1','2')

Description: Families for whom it was often or sometimes true in the last 30 days that they worried that food would run out before they got money to buy more, or that food that was bought didn't last and they didn't have money to get more, or they couldn't afford to eat balanced meals

Sources: None

Recodes: None

Keywords: food security; eat less

Notes: None

Eat less than felt should because not enough money

1	Yes
2	No
7	Refused
8	Not ascertained
9	Don't know

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Food Security****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FFS.070_00.000

Instrument Variable Name: FSHUNGRY

Final Documentation Name: FSHUNGRY

In the last 30 days, were you ever hungry but didn't eat because there wasn't enough money for food?

Universe: FSRUNOUT in('1','2') or FSLAST in('1','2') or FSBALANC in('1','2')

Description: Families for whom it was often or sometimes true in the last 30 days that they worried that food would run out before they got money to buy more, or that food that was bought didn't last and they didn't have money to get more, or they couldn't afford to eat balanced meals

Sources: None

Recodes: None

Keywords: food security; hungry

Notes: None

Hungry but did not eat because not enough money

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

Question ID: FFS.080_00.000

Instrument Variable Name: FSWEIGHT

Final Documentation Name: FSWEIGHT

In the last 30 days, did you lose weight because there wasn't enough money for food?

Universe: FSRUNOUT in('1','2') or FSLAST in('1','2') or FSBALANC in('1','2')

Description: Families for whom it was often or sometimes true in the last 30 days that they worried that food would run out before they got money to buy more, or that food that was bought didn't last and they didn't have money to get more, or they couldn't afford to eat balanced meals

Sources: None

Recodes: None

Keywords: food security; lose weight

Notes: None

Lose weight because not enough money for food

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Food Security

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FFS.090_00.000

Instrument Variable Name: FSNOTEAT

Final Documentation Name: FSNOTEAT

In the last 30 days, did [fill 1: you/you or other adults in your family] ever not eat for a whole day because there wasn't enough money for food?

Universe: FSSKIP='1' or FSLESS='1' or FSHUNGRY='1' or FSWEIGHT='1'

Description: All families where adult(s) cut the size of meals or meals were skipped, ate less than they felt they should, were hungry but didn't eat, or lost weight in the last 30 days because there wasn't enough money for food

Sources: None

Recodes: None

Keywords: food security; not eat

Notes: None

Not eat for a whole day because not enough money for food

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FFS.100_00.000

Instrument Variable Name: FSNEEDAYS

Final Documentation Name: FSNEEDAYS

In the last 30 days, how many days did this happen?

Universe: FSNOTEAT='1'

Description: All families where the adult(s) did not eat for a whole day, in the last 30 days, because there wasn't enough money for food

Sources: None

Recodes: None

Keywords: food security; not eat

Notes: None

Number of days did not eat

- | | |
|-------|-----------------|
| 01-30 | Days |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Food Security****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FFS.000_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: FSRAW

Raw family food security score

Universe: All

Description: All families

Sources: FSRUNOUT, FSLAST, FSBALANC, FSSKIP, FSSKDAY, FSLESS, FSHUNGRY, FSWEIGHT, FSNOTEAT, FSNEDAYS

Recodes: FSSTAT, FSSTATD

Keywords: Food security scale

Notes: See Family Food Security Appendix for more details

Raw score on the 30-day food security scale

00-10 Number of affirmative responses

99 Unknown

Question ID: FFS.000_00.000 R02 RECODE Instrument Variable Name:
Final Documentation Name: FSSTATD

Detailed family food security status

Universe: All

Description: All families

Sources: FSRAW

Recodes: None

Keywords: Food security scale

Notes: See Family Food Security Appendix for more details

Detailed family-level food security status on the 30-day food security scale

- 1 High food security (raw score 0)
 - 2 Marginal food security (raw score 1-2)
 - 3 Low food security (raw score 3-5)
 - 4 Very low food security (raw score 6-10)
 - 9 Unknown
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Food Security****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FFS.000_00.000

R03 RECODE

Instrument Variable Name:

Final Documentation Name: FSSTAT

Family-level food security status

Universe: All

Description: All families

Sources: FSRAW

Recodes: None

Keywords: Food security scale

Notes: See Family Food Security Appendix for more details

Family-level food security status on the 30-day food security

- | | |
|---|---|
| 1 | Food secure (high or marginal food security, raw score 0-2) |
| 2 | Low food security (raw score 3-5) |
| 3 | Very low food security (raw score 6-10) |
| 9 | Unknown |
-

Question ID: FAU.010_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FDMEDYN

Recode based on FAU.010: DURING THE PAST 12 MONTHS, has medical care been delayed for {you/anyone in the family} because of worry about the cost? (Do not include dental care)

Universe: FM = All

Description: All families

Sources: FDMED12M (FAU.010); PDMED12M (FAU.020)

Recodes: None

Keywords: medical care; delayed care; expense; cost worry

Notes: * Delays occurring for reasons of cost.

Any family member delay* seeking medical care, 12m?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FAU.010_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FDMEDCT

Recode based on FAU.010: DURING THE PAST 12 MONTHS, has medical care been delayed for {you/anyone in the family} because of worry about the cost? (Do not include dental care)

Universe: FM = All

Description: All families

Sources: FDMED12M (FAU.010); PDMED12M (FAU.020)

Recodes: None

Keywords: medical care; delayed care; expense; cost worry

Notes: * Delays occurring for reasons of cost.

of family members for whom medical care was delayed* 12m

00-25 Number of family members

Question ID: FAU.030_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FNMEDYN

Recode based on FAU.030: DURING THE PAST 12 MONTHS, was there any time when {you/someone in the family} needed medical care, but did not get it because {you/the family} couldn't afford it?

Universe: FM = All

Description: All families

Sources: FNMED12M (FAU.030); PNMED12M (FAU.040)

Recodes: None

Keywords: medical care; no care; expense; afford care

Notes: *Family members not getting needed medical care due to costs. Question sequence implies that dental care was excluded from this question.

Any family member need and not get medical care* 12m?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FAU.030_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FNMEDCT

Recode based on FAU.030: **DURING THE PAST 12 MONTHS, was there any time when {you/someone in the family} needed medical care, but did not get it because {you/the family} couldn't afford it?**

Universe: FM = All

Description: All families

Sources: FNMED12M (FAU.030); PNMED12M (FAU.040)

Recodes: None

Keywords: medical care; no care; expense; afford care

Notes: *Family members not getting needed medical care due to costs. Question sequence implies that dental care was excluded from this question.

of family members who needed and did not get medical care* 12m

00-25 Number of family members

Question ID: FAU.050_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FHOSP2YN

Recode based on FAU.050: **[Have you/Including all infants born in a hospital, has anyone in the family been] hospitalized OVERNIGHT in the past 12 months? Do not include an overnight stay in the emergency room.**

Universe: FM = All

Description: All families

Sources: FHOSPYR2 (FAU.050); PHOSPYR2 (FAU.060)

Recodes: None

Keywords: medical care; hospital; overnight; hospital episodes

Notes: None

Any family member in hospital overnight, 12m?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FAU.050_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FHOSP2CT

Recode based on FAU.050: [Have you/Including all infants born in a hospital, has anyone in the family been] hospitalized OVERNIGHT in the past 12 months? Do not include an overnight stay in the emergency room.

Universe: FM = All

Description: All families

Sources: FHOSPYR2 (FAU.050); PHOSPYR2 (FAU.060)

Recodes: None

Keywords: medical care; hospital; overnight; hospital episodes

Notes: None

of family members in hospital overnight, 12m

00-25 Number of family members

Question ID: FAU.120_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FHCHMYN

Recode based on FAU.120: DURING THE LAST 2 WEEKS, did {you/anyone in the family} receive care AT HOME from a nurse or other health care professional? (Do not include dental care) [Exclude care received while a patient in a hospital]

Universe: FM = All

Description: All families

Sources: FHCHM2W (FAU.120); PHCHM2W (FAU.130)

Recodes: None

Keywords: home care; health care visits

Notes: *Family members receiving home care from any health professional.

Any family member receive home care*, 2 wk?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FAU.120_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FHCHMCT

Recode based on FAU.120: DURING THE LAST 2 WEEKS, did {you/anyone in the family} receive care AT HOME from a nurse or other health care professional? (Do not include dental care) [Exclude care received while a patient in a hospital]

Universe: FM = All

Description: All families

Sources: FHCHM2W (FAU.120); PHCHM2W (FAU.130)

Recodes: None

Keywords: home care; health care visits

Notes: *Family members receiving home care from any health professional.

of family members who received home care*, 2 wk

00-25 Number of family members

Question ID: FAU.150_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FHCPHRYN

Recode based on FAU.150: DURING THE LAST 2 WEEKS, did {you/anyone in the family} get any medical advice or test results over the PHONE from a doctor, nurse, or other health care professional? Do not include phone calls to make appointments, for billing questions, or for prescription refills.

Universe: FM = All

Description: All families

Sources: FHCPH2W (FAU.150); PHCPH2WR (FAU.160)

Recodes: None

Keywords: health care professional; phone calls for medical advice; telephone contacts; test results

Notes: Question sequence implies that phone calls for dental care were excluded from this question.

Any family member get advice/test results over the phone, 2wk?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FAU.150_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FHCPHRCT

Recode based on FAU.150: DURING THE LAST 2 WEEKS, did {you/anyone in the family} get any medical advice or test results over the PHONE from a doctor, nurse, or other health care professional? Do not include phone calls to make appointments, for billing questions, or for prescription refills.

Universe: FM = All

Description: All families

Sources: FHCPH2W (FAU.150); PHCPH2WR (FAU.160)

Recodes: None

Keywords: health care professional; phone calls for medical advice; telephone contacts; test results

Notes: Question sequence implies that phone calls for dental care were excluded from this question.

of family members who got advice/test results over the phone, 2 wk

00-25 Number of family members

Question ID: FAU.180_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FHCDVYN

Recode based on FAU.180: DURING THE LAST 2 WEEKS, did {you/anyone in the family} see a doctor or other health care professional at a doctor's OFFICE, a clinic, an emergency room, or some other place? (Do not include times during an overnight hospital stay.)

Universe: FM = All

Description: All families

Sources: FHCDV2W (FAU.180); PHCDV2W (FAU.190)

Recodes: None

Keywords: health care professional; doctor visit; appointment; office; clinic; emergency room

Notes: Question sequence implies that visits for dental care were excluded from this question.

Any family member have an office visit, etc. 2 wk

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Access to Health Care & Utilization****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FAU.180_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FHCDVCT

Recode based on FAU.180: DURING THE LAST 2 WEEKS, did {you/anyone in the family} see a doctor or other health care professional at a doctor's OFFICE, a clinic, an emergency room, or some other place? (Do not include times during an overnight hospital stay.)

Universe: FM = All

Description: All families

Sources: FHCDV2W (FAU.180); PHCDV2W (FAU.190)

Recodes: None

Keywords: health care professional; doctor visit; appointment; office; clinic; emergency room

Notes: Question sequence implies that visits for dental care were excluded from this question.

of family members who had an office visit, etc. 2 wk

00-25 Number of family members

Question ID: FAU.210_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: F10DVYN

Recode based on FAU.210: DURING THE PAST 12 MONTHS, did {you/any member of the family} receive care from doctors or other health care professionals 10 or more times? Do not include telephone calls.

Universe: FM = All

Description: All families

Sources: F10DVYR (FAU.210); P10DVYR (FAU.220)

Recodes: None

Keywords: health care professional; doctor visit; doctor care; ER visits; clinic

Notes: None

Any family member receive care 10+ times, 12m?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Access to Health Care & Utilization****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FAU.210_00.000 R02 RECODE Instrument Variable Name:
Final Documentation Name: F10DVCT

Recode based on FAU.210: DURING THE PAST 12 MONTHS, did {you/any member of the family} receive care from doctors or other health care professionals 10 or more times? Do not include telephone calls.

Universe: FM = All

Description: All families

Sources: F10DVYR (FAU.210); P10DVYR (FAU.220)

Recodes: None

Keywords: health care professional; doctor visit; doctor care; ER visits; clinic

Notes: None

of family members who received care 10+ times, 12m

00-25 Number of family members

Question ID: FHI.070_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: FHICOVYN

Any family member have health insurance coverage?

Universe: FM = ALL

Description: All families

Sources: FHICOV

Recodes: None

Keywords: health insurance coverage

Notes: None

Any family member have health insurance coverage?

- 1 Yes
 - 2 No
 - 7 Refused
 - 8 Not ascertained
 - 9 Don't know
-
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.070_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FHICOVCT

Number of family members with health insurance coverage

Universe: FM = ALL

Description: All families

Sources: MEDICARE, MEDICAID, PRIVATE, SCHIP, MILCARE, OTHPUB, OTHGOV

Recodes: None

Keywords: family health insurance coverage

Notes: None

Number of family members with health insurance coverage

00-30 Number of family members

Question ID: FHI.070_00.000

R03 RECODE

Instrument Variable Name:

Final Documentation Name: FHIPRVCT

Number of family members with private health insurance coverage

Universe: FM = ALL

Description: All families

Sources: PRIVATE

Recodes: None

Keywords: health insurance coverage, private

Notes: This recode is based on the recode PRIVATE created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with private health insurance coverage

00-30 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.070_00.000 R04 RECODE Instrument Variable Name:
Final Documentation Name: FHISINCT

Number of family members with single service plans

Universe: FM = ALL

Description: All families

Sources: SINGLE

Recodes: None

Keywords: health insurance coverage, single service plans

Notes: Single service plan information is collected beginning in 1999. This recode is based on the recode SINGLE created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with single service plans

00-30 Number of family members

Question ID: FHI.070_00.000 R05 RECODE Instrument Variable Name:
Final Documentation Name: FHICARCT

Number of family members with Medicare

Universe: FM = ALL

Description: All families

Sources: MEDICARE

Recodes: None

Keywords: health insurance coverage, Medicare

Notes: This recode is based on the recode MEDICARE created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with Medicare

00-30 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.070_00.000

R06 RECODE

Instrument Variable Name:

Final Documentation Name: FHICADCT

Number of family members with Medicaid

Universe: FM = ALL

Description: All families

Sources: MEDICAID

Recodes: None

Keywords: health insurance coverage, Medicaid

Notes: This recode is based on the recode MEDICAID created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with Medicaid

00-30 Number of family members

Question ID: FHI.070_00.000

R07 RECODE

Instrument Variable Name:

Final Documentation Name: FHICHPCT

Number of family members with SCHIP

Universe: FM = ALL

Description: All families

Sources: SCHIP

Recodes: None

Keywords: health insurance coverage, SCHIP

Notes: This recode is based on the recode SCHIP created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with SCHIP

00-30 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.070_00.000 R08 RECODE Instrument Variable Name:
Final Documentation Name: FHIMILCT

Number of family members with Military health insurance coverage

Universe: FM = ALL

Description: All families

Sources: MILCARE

Recodes: None

Keywords: health insurance coverage, Military

Notes: This recode is based on the recode MILCARE created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with Military health insurance coverage

00-30 Number of family members

Question ID: FHI.070_00.000 R09 RECODE Instrument Variable Name:
Final Documentation Name: FHIHISCT

Number of family members with Indian Health Service coverage

Universe: FM = ALL

Description: All families

Sources: IHS

Recodes: None

Keywords: health insurance coverage, Indian Health Service, IHS

Notes: This recode is based on the recode IHS created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with Indian Health Service coverage

00-30 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.070_00.000 R10 RECODE Instrument Variable Name:
Final Documentation Name: FHIPUBCT

Number of family members with other state-sponsored health plan

Universe: FM = ALL

Description: All families

Sources: OTHPUB

Recodes: None

Keywords: health insurance coverage, state-sponsored health plan

Notes: This recode is based on the recode OTHPUB created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with other state-sponsored health plan

00-30 Number of family members

Question ID: FHI.070_00.000 R11 RECODE Instrument Variable Name:
Final Documentation Name: FHIOGVCT

Number of family members with other government health plan

Universe: FM = ALL

Description: All families

Sources: OTHGOV

Recodes: None

Keywords: health insurance coverage, government health plan

Notes: This recode is based on the recode OTHGOV created in the FHI section of the Person file, hence, it does not have a source question. Analysts interested in more information about this recode should refer to the FHI section of the Person file documentation, and the FHI section of the Survey Description document.

Number of family members with other government health plan

00-30 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Insurance

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHI.204_01.010 R12 RECODE Instrument Variable Name:
Final Documentation Name: FPRCOOH

Any persons covered living outside of the household

Universe: FM = ALL

Description: All private health insurance plans with policyholder on family roster

Sources: PRCOOH1, PRCOOH2, PRCOOH3, PRCOOH4, PRCTOH1, PRCTOH2, PRCTOH3, PRCTOH4

Recodes: None

Keywords: health insurance coverage, outside of household

Notes: None

Any persons covered living outside of the household

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHI.210_01.000 R13 RECODE Instrument Variable Name:
Final Documentation Name: FHIEBCCT

Number of family members with employer based coverage

Universe: FM = ALL

Description: All families with PRIVATE = '1' and PLNWRKR1 in ('1','2','3','4') and PLNWRKR2 in ('1','2','3','4') and PLNWRKR3 in ('1','2','3','4') and PLNWRKR4 in ('1','2','3','4')

Sources: None

Recodes: None

Keywords: health insurance coverage, employer based coverage

Notes: None

Number of family members with employer based coverage

00-30 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Health Insurance

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FHI.249_03.000

R14 RECODE

Instrument Variable Name:

Final Documentation Name: COVCONF

With no help from an employer, how confident are you that your family would be able to obtain affordable coverage?

Universe: FM = ALL and FHIEBCCT ne '0'

Description: All families with an employer-based health plan

Sources: FCOVCONF

Recodes: None

Keywords: confidence, affordable coverage

Notes: None

Confidence in obtaining affordable coverage

- | | |
|---|----------------------|
| 1 | Very confident |
| 2 | Somewhat confident |
| 3 | Not too confident |
| 4 | Not confident at all |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHI.320_00.000

R15 RECODE

Instrument Variable Name:

Final Documentation Name: FHICOST

Cost of family medical/dental care in the past 12 months

Universe: FM = ALL

Description: All families

Sources: HCSPFYR

Recodes: None

Keywords: health care expenses, cost

Notes: Excludes health insurance premiums, over the counter drugs or other costs that will be reimbursed.

Cost of family medical/dental care in the past 12 months

- | | |
|---|-----------------|
| 0 | Zero |
| 1 | Less than \$500 |
| 2 | \$500-\$1,999 |
| 3 | \$2,000-\$2,999 |
| 4 | \$3,000-\$4,999 |
| 5 | \$5,000 or more |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.325_00.010

R16 RECODE

Instrument Variable Name:

Final Documentation Name: FMEDBILL

Problems paying or unable to pay any medical bills

Universe: FM = ALL

Description: All families

Sources: MEDBILL

Recodes: None

Keywords: medical bills, problems paying, unable to pay

Notes: None

Problems paying or unable to pay any medical bills

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FHI.327_00.010

R17 RECODE

Instrument Variable Name:

Final Documentation Name: FMEDBPAY

Medical bills being paid off over time

Universe: FM = ALL

Description: All families

Sources: MEDBPAY

Recodes: None

Keywords: medical bills, pay over time

Notes: None

Medical bills being paid off over time

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Health Insurance****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FHI.327_00.020

R18 RECODE

Instrument Variable Name:

Final Documentation Name: FMEDBNOP

Unable to pay medical bills

Universe: FM = ALL and FMEDBILL NE '2'

Description: All families with problems paying or unable to pay medical bills

Sources: MEDBNOP

Recodes: None

Keywords: medical bills, pay over time

Notes: None

Unable to pay medical bills

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

Question ID: FHI.330_00.000

R19 RECODE

Instrument Variable Name:

Final Documentation Name: FSAF

Family has a Flexible Spending Account

Universe: FM = ALL

Description: All families

Sources: FSA

Recodes: None

Keywords: flexible spending account, FSA

Notes: None

Family has a Flexible Spending Account

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Socio-Demographic****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FSD.007_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: FHDSTCT

Recode based on FSD.007: (Is [subject name] now attending Head Start?) and FSD.008 (Has [subject name] ever attended Head Start?)

Universe: FM = 1+ member AGE LE 17

Description: All families with children 17 years and younger

Sources: HEADST (FSD.007); HEADSTV1 (FSD.008)

Recodes: None

Keywords: attending head start

Notes: This includes current or ever attendance in Head Start (among family members aged 17 and under).

of children in family currently or ever in Head Start

00-25 Number of children

Question ID: FSD.050_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: FDGLWCT1

Recode based on FSD.050: Which of the following [were you/was person] doing LAST WEEK? Working for pay at a job or business; with a job or business but not at work; looking for work; working, but not for pay, at a job or business; not working at a job or business and not looking for work.

Universe: FM = 1+ member AGE = 18+

Description: All families with members aged 18 and over

Sources: DOINGLWP (FSD.050)

Recodes: None

Keywords: working; not working

Notes: Persons with a "1", "2", or "4" on DOINGLWP were considered to be working last week.

family members working last week

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Socio-Demographic

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FSD.050_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FDGLWCT2

Recode based on FSD.050: Which of the following [were you/was person] doing LAST WEEK? Working for pay at a job or business; with a job or business but not at work; looking for work; working, but not for pay, at a job or business; not working at a job or business and not looking for work

Universe: FM = 1+ member AGE = 18+

Description: All families with members aged 18 and over

Sources: DOINGLWP (FSD.050)

Recodes: None

Keywords: working; not working

Notes: Persons with a "3" on DOINGLWP were considered to be looking for work last week.

family members looking for work last week

00-25 Number of family members

Question ID: FSD.070_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FWRKLWCT

Recode based on FSD.070: How many hours did [you/person] work LAST WEEK at ALL jobs or businesses?

Universe: FM = 1+ member AGE = 18+ and (DOINGLWP = 1, 4 or WHYNOWKP = 04-07)

Description: All families with members aged 18 and over who were: working for pay at a job or business last week; working, but not for pay, at a job or business; on a planned vacation from work; on family or maternity leave; temporarily unable to work for health reasons; have job/contract and off-season

Sources: WRKHRS1 (FSD.070)

Recodes: None

Keywords: working; full time; hours worked

Notes: Family members who worked 35 hours or more (last week) are considered full-time employees.

family members working full time last week

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.040_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FSALYN

Recode is based on FIN.030: Did [you/any family members aged 18 and older] . . . Receive income in [the last calendar year] from . . . Wages and Salaries?

Universe: FM = 1+ member AGE = 18+

Description: All families with members 18+ years

Sources: FSAL (FIN.030); PSAL (FIN.040)

Recodes: None

Keywords: income; wage; salary

Notes: Emancipated minors are not in the universe for the source question. Hence, a family consisting solely of 1+ emancipated minors is not in the universe for this variable, or the counter variable following.

Any family member receive income from wages or salary?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.040_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FSALCT

Recode is based on FIN.030: Did [you/any family members aged 18 and older] . . . Receive income in [the last calendar year] from . . . Wages and Salaries?

Universe: FM = 1+ member AGE = 18+

Description: All families with members 18+ years

Sources: FSAL (FIN.030); PSAL (FIN.040)

Recodes: None

Keywords: income; wage; salary

Notes: See note for FSALYN (above).

family members receiving income from wages or salary

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.060_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FSEINCYN

Recode based on FIN.050: Did [you/any family members aged 18 and older] receive income in [the last calendar year] from . . . Self-employment including business and farm income?

Universe: FM = 1+ member AGE = 18+

Description: All families with members 18+ years

Sources: FSEINC (FIN.050); PSEINC (FIN.060)

Recodes: None

Keywords: income; self-employment; business; farm

Notes: Emancipated minors are not in the universe for the source question. Hence, a family consisting solely of 1+ emancipated minors is not in the universe for this variable, or the counter variable following.

Any family member receive income from self-employment?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.060_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FSEINCCT

Recode based on FIN.050: Did [you/any family members aged 18 and older] receive income in [the last calendar year] from . . . Self-employment including business and farm income?

Universe: AGE = All

Description: FM = 1+ member age 18+ years

Sources: FSEINC (FIN.050); PSEINC (FIN.060)

Recodes: None

Keywords: income; self-employment; business; farm

Notes: See note for FSEINCYN (above).

family members receiving income from self-employment

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.080_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FSSRRYN

Recode based on FIN.070: Did [you/any family members living here] receive income in [the last calendar year] from Social Security or Railroad Retirement?

Universe: FM = All

Description: All families

Sources: FSSRR (FIN.070); PSSRR (FIN.080)

Recodes: None

Keywords: income; social security; railroad retirement; pensions

Notes: None

Any family member receive Social Security or Railroad Retirement income?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.080_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FSSRRCT

Recode based on FIN.070: Did [you/any family members living here] receive income in [the last calendar year] from Social Security or Railroad Retirement?

Universe: FM = All

Description: All families

Sources: FSSRR (FIN.070); PSSRR (FIN.080)

Recodes: None

Keywords: income; social security; railroad retirement; pensions

Notes: None

family members receiving Social Security or Railroad Retirement income

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.100_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FPENSYN

Recode based on FIN.090: Did [you/any family members living here] receive income in [the last calendar year] from . . . any disability pension (other than Social Security or Railroad Retirement)?

Universe: FM = All

Description: All families

Sources: FPENS (FIN.090.); PPENS (FIN.100)

Recodes: None

Keywords: income; pensions; retirement

Notes: *Other than Social Security or Railroad Retirement.

Any family members receive disability pensions*?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.100_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FPENSCT

Recode based on FIN.090: Did [you/any family members living here] receive income in [the last calendar year] from . . . any disability pension (other than Social Security or Railroad Retirement)?

Universe: FM = All

Description: All families

Sources: FPENS (FIN.090.); PPENS (FIN.100)

Recodes: None

Keywords: income; pensions; retirement

Notes: *Other than Social Security or Railroad Retirement.

family members receiving disability pensions*

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.104_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FOPENSYN

Recode based on FIN.102: Did [you/any family members living here] receive income in [the last calendar year] from ... any retirement or survivor pension [if FSSRR=1 and FPENS ne 1, then fill "other than Social Security or Railroad Retirement"; if FPENS=1 and FSSRR ne 1, then fill "other than a disability pension"; if FSSRR=1 and FPENS=1, then fill "other than Social Security, Railroad Retirement, or a disability pension"; or if FSSRR ne 1 and FPENS ne 1, then No Fill]?

Universe: FM = All

Description: All families

Sources: FOPENS (FIN.102); POPENS (FIN.104)

Recodes: None

Keywords: income; pensions; retirement

Notes: None

Any family member receive other survivor or retirement pensions?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.104_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FOPEN SCT

Recode based on FIN.102: Did [you/any family members living here] receive income in [the last calendar year] from ... any retirement or survivor pension [if FSSRR=1 and FPENS ne 1, then fill "other than Social Security or Railroad Retirement"; if FPENS=1 and FSSRR ne 1, then fill "other than a disability pension"; if FSSRR=1 and FPENS=1, then fill "other than Social Security, Railroad Retirement, or a disability pension"; or if FSSRR ne 1 and FPENS ne 1, then No Fill]?

Universe: FM = All

Description: All families

Sources: FOPENS (FIN.102); POPENS (FIN.104)

Recodes: None

Keywords: income; pensions; retirement

Notes: None

family members receiving other survivor or retirement pension

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Income****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FIN.120_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FSSIYN

Recode based on FIN.110: Did [you/any family members living here] receive Supplemental Security Income (SSI) in [the last calendar year]?

Universe: FM = All

Description: All families

Sources: FSSI (FIN.110); PSSSI (FIN.120)

Recodes: None

Keywords: income; SSI

Notes: None

Any family member receive income from SSI?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

Question ID: FIN.120_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FSSICT

Recode based on FIN.110: Did [you/any family members living here] receive Supplemental Security Income (SSI) in [the last calendar year]?

Universe: FM = All

Description: All families

Sources: FSSI (FIN.110); PSSSI (FIN.120)

Recodes: None

Keywords: income; SSI

Notes: None

of family members receiving income from SSI

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.160_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FTANFYN

Recode based on FIN.150: At any time during [last year], even for one month, did [you/any family members living here] receive any CASH assistance from a state or county welfare program, such as [*fill specific program name]?

Universe: FM = All

Description: All families

Sources: FTANF (FIN.150); PTANF (FIN.160)

Recodes: None

Keywords: income; welfare; TANF

Notes: None

Any family member receive income from a state or county welfare program?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.160_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FTANFCT

Recode based on FIN.150: At any time during [last year], even for one month, did [you/any family members living here] receive any CASH assistance from a state or county welfare program, such as [*fill specific program name]?

Universe: FM = All

Description: All families

Sources: FTANF (FIN.150); PTANF (FIN.160)

Recodes: None

Keywords: income; welfare; TANF

Notes: None

of family members receiving income from a state or county welfare program

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.166_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FOWBENYN

Recode based on FIN.164: At any time during [last year], did [you/any family members living here] receive any OTHER kind of welfare assistance such as help getting a job, placement in education or job training programs, or help with transportation or child care?

Universe: FM = All

Description: All families

Sources: FOWBEN (FIN.164); POWBEN (FIN.166)

Recodes: None

Keywords: income; welfare; TANF; job training; education

Notes: None

Any family member receive other kind of welfare assistance?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.166_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FOWBENCT

Recode based on FIN.164: At any time during [last year], did [you/any family members living here] receive any OTHER kind of welfare assistance such as help getting a job, placement in education or job training programs, or help with transportation or child care?

Universe: FM = All

Description: All families

Sources: FOWBEN (FIN.164); POWBEN (FIN.166)

Recodes: None

Keywords: income; welfare; TANF; job training; education

Notes: None

of family members receiving other kind of welfare assistance

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.180_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FINTR1YN

Recode based on FIN.170: Did [you/any family members living here] receive income in [the last calendar year] from interest bearing checking accounts, savings accounts, IRAs or certificates of deposit, money market funds, treasury notes, bonds, or any other investments that earn interest?

Universe: FM = All

Description: All families

Sources: FINTRST (FIN.170); PINTRSTR (FIN.180)

Recodes: None

Keywords: income; interest; savings

Notes: None

Any family member receive income from interest bearing accounts, funds, etc.?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.180_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FINTR1CT

Recode based on FIN.170: Did [you/any family members living here] receive income in [the last calendar year] from interest bearing checking accounts, savings accounts, IRAs or certificates of deposit, money market funds, treasury notes, bonds, or any other investments that earn interest?

Universe: FM = All

Description: All families

Sources: FINTRST (FIN.170); PINTRSTR (FIN.180)

Recodes: None

Keywords: income; interest; savings

Notes: None

of family members receiving income from interest bearing accounts, funds, etc.

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.200_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FDIVDYN

Recode based on FIN.190: Did [you/any family members living here] receive income in [the last calendar year] from . . .
 . . . dividends from stocks or mutual funds, or net rental income from property, royalties, estates or trusts?

Universe: FM = All

Description: All families

Sources: FDIVD (FIN.190); PDIVD (FIN.200)

Recodes: None

Keywords: income; dividends; stocks; mutual funds; property; royalties; trusts; estates

Notes: None

Any family member receive dividends from stocks, etc.?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.200_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FDIVDCT

Recode based on FIN.190: Did [you/any family members living here] receive income in [the last calendar year] from . . .
 . . . dividends from stocks or mutual funds, or net rental income from property, royalties, estates or trusts?

Universe: FM = All

Description: All families

Sources: FDIVD (FIN.190); PDIVD (FIN.200)

Recodes: None

Keywords: income; dividends; stocks; mutual funds; property; royalties; trusts; estates

Notes: None

of family members receiving dividends from stocks, etc.

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.220_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FCHSPYN

Recode based on FIN.210: Did [you/any family members living here] receive income in [the last calendar year] from.... child support?

Universe: FM = All

Description: All families

Sources: FCHLDSP (FIN.210); PCHLDSP (FIN.220)

Recodes: None

Keywords: income; child support

Notes: None

Any family member receive child support income?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.220_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FCHSPCT

Recode based on FIN.210: Did [you/any family members living here] receive income in [the last calendar year] from.... child support?

Universe: FM = All

Description: All families

Sources: FCHLDSP (FIN.210); PCHLDSP (FIN.220)

Recodes: None

Keywords: income; child support

Notes: None

of family members for whom child support was received

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.240_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FINCOTYN

Recode based on FIN.230: Did [you/any family members living here] receive income in [the last calendar year] from.... any other source such as alimony, contributions from family/others, VA payments, Worker's Compensation, or unemployment compensation?

Universe: FM = All

Description: All families

Sources: FINCOT (FIN.230); PINCOT (FIN.240)

Recodes: None

Keywords: income; alimony; VA; worker's compensation; unemployment compensation

Notes: None

Any family member receive income from any other source?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.240_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FINCOTCT

Recode based on FIN.230: Did [you/any family members living here] receive income in [the last calendar year] from.... any other source such as alimony, contributions from family/others, VA payments, Worker's Compensation, or unemployment compensation?

Universe: FM = All

Description: All families

Sources: FINCOT (FIN.230); PINCOT (FIN.240)

Recodes: None

Keywords: income; alimony; VA; worker's compensation; unemployment compensation

Notes: None

of family members receiving income from any other source

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.250_00.000 R01 RECODE Instrument Variable Name:
 Final Documentation Name: FINCFLG

Universe:

Description:

Sources: None

Recodes: None

Keywords: family income

Notes: The 2011 instrument contained a series of test questions intended to verify earnings and income data. Cases were randomly selected for the test; those with an earnings to income discrepancy above a particular amount were eligible for the test. Cases are flagged "1" on FINCFLG if the interviewer backed up in the instrument rather than completing the test questions as intended. Cases that are "blank" on FINCFLG indicate cases where data were collected per instrument instructions. Please see the Survey Description Document for more information.

Flag indicating difference in how family income data were collected

1	Earnings data collected differently
Blank	Earnings data collected per instrument instructions

Question ID: FIN.250_00.000 R01 RECODE Instrument Variable Name:
 Final Documentation Name: INCGRP2

Universe: FM = All

Description: All families

Sources: FIN.250; FIN.255; FIN.260; FIN.265; FIN.270; FIN.275

Recodes: None

Keywords: income

Notes: This variable is similar to INCGRP from the 1997-2006 NHIS. Response codes 06-09 indicate instances where some, but not all, of the applicable follow-up questions were answered. Please refer to the Survey Description Document regarding analysis of this variable.

Total combined family income (grouped)

01	\$0 - \$34,999
02	\$35,000 - \$49,999
03	\$50,000 - \$74,999
04	\$75,000 - \$99,999
05	\$100,000 and over
06	\$0 - \$49,999 (no further detail)
07	\$50,000 and over (no further detail)
08	\$50,000 - \$99,999 (no further detail)
99	Unknown

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Income****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FIN.250_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: INCGRP3

Universe: FM = All

Description: All families

Sources: FIN.250; FIN.255; FIN.260; FIN.265; FIN.270; FIN.275

Recodes: None

Keywords: income

Notes: This variable provides a bridge to the 1997-2006 version of INCGRP. Please refer to the Survey Description Document regarding analysis of this variable.

Total combined family income (grouped)

01	\$0 - \$34,999
02	\$35,000 - \$74,999
03	\$75,000 - \$99,999
04	\$100,000 and over
96	Undefined
99	Unknown

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Income****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FIN.250_00.000

R03 RECODE

Instrument Variable Name:

Final Documentation Name: RAT_CAT2

Universe: FM = All

Description: All families

Sources: FIN.250; FIN.255; FIN.260; FIN.265; FIN.270; FIN.275; FM_SIZE; FM_KIDS

Recodes: None

Keywords: income; poverty

Notes: The "Undefinable" cases consist of families where the number of children under age 18 in the family is equivalent to the number of family members. Published 2010 poverty thresholds from the Census Bureau are used in these calculations. This variable is similar to RAT_CAT from the 1997-2006 NHIS. FM_SIZE and FM_KIDS are generated variables indicating the size of the family and the number of family members under age 18, respectively. Categories 15-17 reflect the additional poverty ratio information obtained from the income follow-up questions. Please refer to the Survey Description Document regarding analysis of this variable.

Ratio of family income to the poverty threshold

01	Under 0.50
02	0.50 - 0.74
03	0.75 - 0.99
04	1.00 - 1.24
05	1.25 - 1.49
06	1.50 - 1.74
07	1.75 - 1.99
08	2.00 - 2.49
09	2.50 - 2.99
10	3.00 - 3.49
11	3.50 - 3.99
12	4.00 - 4.49
13	4.50 - 4.99
14	5.00 and over
15	Less than 1.00 (no further detail)
16	1.00 - 1.99 (no further detail)
17	2.00 and over (no further detail)
96	Undefinable
99	Unknown

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Income****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FIN.250_00.000 R04 RECODE Instrument Variable Name:
Final Documentation Name: RAT_CAT3

Universe: FM = All

Description: All families

Sources: FIN.250; FIN.255; FIN.260; FIN.265; FIN.270; FIN.275; FM_SIZE; FM_KIDS

Recodes: None

Keywords: income; poverty

Notes: The "Undefinable" cases consist of families where the number of children under age 18 in the family is equivalent to the number of family members. Published 2010 poverty thresholds from the Census Bureau are used in these calculations. This variable is similar to RAT_CAT from the 1997-2006 NHIS. FM_SIZE and FM_KIDS are generated variables indicating the size of the family and the number of family members under age 18, respectively. Categories 15-18 reflect the additional poverty ratio information from the income follow-up questions. RAT_CAT3 uses information obtained from the income follow-up questions to provide additional detail for the highest poverty ratio category of RAT_CAT2 (that is, where RAT_CAT2 = 17). Please refer to the Survey Description Document regarding analysis of this variable.

Ratio of family income to the poverty threshold

01	Under 0.50
02	0.50 - 0.74
03	0.75 - 0.99
04	1.00 - 1.24
05	1.25 - 1.49
06	1.50 - 1.74
07	1.75 - 1.99
08	2.00 - 2.49
09	2.50 - 2.99
10	3.00 - 3.49
11	3.50 - 3.99
12	4.00 - 4.49
13	4.50 - 4.99
14	5.00 and over
15	Less than 1.00 (no further detail)
16	1.00 - 1.99 (no further detail)
17	2.00 - 3.99 (no further detail)
18	4.00 and over (no further detail)
96	Undefinable
99	Unknown

2011 NATIONAL HEALTH INTERVIEW SURVEY**Family****familyxx : Family Income****PUBLIC USE****Document Version Date: 29-May-12**

Question ID: FIN.280_00.000

Instrument Variable Name: HOUSEOWN

Final Documentation Name: HOUSEOWN

Is this house/apartment owned or being bought, rented, or occupied by some other arrangement by [you/or someone in your family]?

Universe: FM = All

Description: All families

Sources: None

Recodes: None

Keywords: home; apartment; rent

Notes: None

Home tenure status

- | | |
|---|-----------------------|
| 1 | Owned or being bought |
| 2 | Rented |
| 3 | Other arrangement |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

Question ID: FIN.282_00.000

Instrument Variable Name: FGAH

Final Documentation Name: FGAH

[Are you/Is anyone in your family] paying lower rent because the Federal, State, or local government is paying part of the cost?

Universe: All families with HOUSEOWN = '2'

Description: All families living in a rented house or apartment

Sources: None

Recodes: None

Keywords: low income; government assistance; public housing; section 8

Notes: Family/person variable conversion.

Paying lower rent due to government program

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
-

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.310_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FSSAPLYN

Recode based on FIN.300: Have [you/any family members living here] EVER applied for Supplemental Security Income or SSI even if the claim was denied?

Universe: FM = All

Description: All families

Sources: FSSAPL (FIN.300); PSSAPL (FIN.310)

Recodes: None

Keywords: income; apply; SSI

Notes: None

Any family member ever apply for SSI?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.310_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FSSAPLCT

Recode based on FIN.300: Have [you/any family members living here] EVER applied for Supplemental Security Income or SSI even if the claim was denied?

Universe: FM = All

Description: All families

Sources: FSSAPL (FIN.300); PSSAPL (FIN.310)

Recodes: None

Keywords: income; apply; SSI

Notes: None

family members ever applying for SSI

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.340_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FSDAPLYN

Recode based on FIN.330: Have [you/any family members living here] EVER applied for disability benefits from Social Security even if the claim was denied?

Universe: FM = All

Description: All families

Sources: FSDAPL (FIN.330); PSDAPL (FIN.340)

Recodes: None

Keywords: income; apply; SSDI

Notes: None

Any family member ever apply for SSDI?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.340_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FSDAPLCT

Recode based on FIN.330: Have [you/any family members living here] EVER applied for disability benefits from Social Security even if the claim was denied?

Universe: FM = All

Description: All families

Sources: FSDAPL (FIN.330); PSDAPL (FIN.340)

Recodes: None

Keywords: income; apply; SSDI

Notes: None

family members ever applying for SSDI

00-25 Number of family members

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.360_00.000

Instrument Variable Name: FSNAP

Final Documentation Name: FSNAP

At any time during [fill 1: last calendar year in 4-digit format], did [fill 2: you/any family members living here] receive [fill 3: food stamp benefits/SNAPNAME or food stamp benefits]?

Universe: FM = All

Description: All families

Sources: None

Recodes: None

Keywords: income; food stamps

Notes: New question for 2011. SNAP is an acronym for the Supplemental Nutrition Assistance Program. Please see Survey Description Document for more information.

Any family member receive food stamp/SNAP benefits last calendar year?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.380_00.000

Instrument Variable Name: FSNAPMYR

Final Documentation Name: FSNAPMYR

During [fill 1: last year in 4 digit format], about how many months were [fill 2: food stamp benefits/SNAPNAME or food stamp benefits] received?

* Enter "1" if less than 1 month

Universe: All families with FSNAP='1'

Description: Family received food stamp/SNAP benefits in previous calendar year

Sources: None

Recodes: None

Keywords: income; food stamps

Notes: New question for 2011. SNAP is an acronym for the Supplemental Nutrition Assistance Program. Please see Survey Description Document for more information.

Number of months family received food stamps/SNAP benefits, last calendar year

- | | |
|-------|-----------------|
| 01-12 | Months |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |

2011 NATIONAL HEALTH INTERVIEW SURVEY

Family

familyxx : Family Income

PUBLIC USE

Document Version Date: 29-May-12

Question ID: FIN.385_00.000

R01 RECODE

Instrument Variable Name:

Final Documentation Name: FWICYN

Recode based on FIN.384: At any time during [the last calendar year] did [you/any family members living here] receive benefits from the WIC program, that is, the Women, Infants, and Children program?

Universe: All families with ELIGPWIC = 1

Description: All families with a WIC age-eligible person (females 12-55 years of age or children 0-5 years of age)

Sources: FINWIC (FIN.384); PWIC (FIN.385)

Recodes: None

Keywords: income; WIC

Notes: ELIGPWIC can be found on the Person file. Families lacking members who are WIC age-eligible (children 0-5 years of age OR females 12-55 years of age) are out of universe for this variable. The "Yes" category includes a small number of families (n = 34) where all family members receiving WIC were age-ineligible.

Any family member receiving WIC benefits?

- | | |
|---|-----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: FIN.385_00.000

R02 RECODE

Instrument Variable Name:

Final Documentation Name: FWICCT

Recode based on FIN.384: At any time during [the last calendar year] did [you/any family members living here] receive benefits from the WIC program, that is, the Women, Infants, and Children program?

Universe: All families with ELIGPWIC = 1

Description: All families with a WIC age-eligible person (females 12-55 years of age or children 0-5 years of age)

Sources: FINWIC (FIN.384); PWIC (FIN.385)

Recodes: None

Keywords: income; WIC

Notes: See note for FWICYN (above).

family members receiving WIC benefits

00-25 Number of family members

Calculating Food Security Raw Score and Status Classification from NHIS Food Security Module Responses

Mark Nord
Economic Research Service, USDA

The SAS code below can be used to calculate the raw score and food security status based on the 30-day food security module included in the NHIS family interview. The description of the constructed variables may help in drafting data dictionary entries. The analytic notes may be incorporated at an appropriate point in the documentation.

Food Security Constructed Variables for the Public-Use Data

Food security raw score, FSRAW, and two food security status classification variables, FSSTAT and FSSTATD, are provided. FSSTAT includes families with raw scores 1, 2 and 3 in a single “food secure” category. FSSTATD separately identifies families with high food security (raw score=0) and marginal food security (raw scores 1 or 2).

Constructed variables are as follows:

FSRAW (Raw score on the 30-day food security scale)

0-10 Number of affirmative responses

99 Not known

FSSTAT (Family-level food security status in the 30 days prior to the survey)

1 Food secure (high or marginal food security, raw score 0-2)

2 Low food security (raw score 3-5)

3 Very low food security (raw score 6-10)

9 Not known

FSSTATD (Detailed family-level food security status in the 30 days prior to the survey)

1 High food security (raw score 0)

2 Marginal food security (raw score 1-2)

3 Low food security (raw score 3-5)

4 Very low food security (raw score 6-10)

9 Not known

Analytic notes:

For most analytic purposes, food security is best modeled categorically. If food security is an independent variable, it may be entered as a set of two or three dummy variables based on food security status. If food security is the dependent variable, a logistic, probit, or other discrete model based on dichotomous classification may be used.

Linear modeling based on raw score may be justified with some restrictions. Under assumptions of the Rasch measurement model, raw score is an ordinal rather than interval measure of the

severity of food security. However, in the case of the NHIS food security measure, with the exception of raw score 0, the raw score is so nearly collinear with the Rasch severity parameter that raw score can be used for linear modeling with negligible distortion. ***However, the size of the 0-1 interval is unknown.*** It is much larger than the other 1-unit intervals, and may differ among families. This must be accounted for if raw score is used in a linear model. If food security is an independent variable in the model, raw score plus a dummy variable for raw score>0 may be used. If food security is the dependent variable, either a model such as tobit may be used, or the analysis may be restricted to families with raw scores 1 and higher.

***SAS code for calculating food security composites;**

*NOTE: assumes that response variables are character variables;

*NOTE: raw scores and status are calculated for all cases, and then set to missing codes for missing cases;

data fsec; set nhis2011; *NOTE: change data file designations as appropriate;

array qorig (10) fstrunout--fsnedays;

fsraw=0;

do q=1 to 10;

 if q in (1,2,3) and qorig{q} in ('1','2') then fsraw=fsraw+1;

 else if q in (4,6,7,8,9) and qorig{q} eq '1' then fsraw=fsraw+1;

 else if q in (5,10) and qorig{q} ge '03' and qorig{q} le '30' then fsraw=fsraw+1;

 end;

if fsraw eq 0 then do; fsstat=1; fsstatd=1; end;

else if fsraw in (1,2) then do; fsstat=1; fsstatd=2; end;

else if fsraw in (3,4,5) then do; fsstat=2; fsstatd=3; end;

else if fsraw ge 6 then do; fsstat=3; fsstatd=4; end;

if fstrunout notin ('1','2','3') and fslast notin ('1','2','3') and fsbalanc notin ('1','2','3') then do;

 *no valid responses;

 fsraw=99;

 fsstat=9;

 fsstatd=9;

 end; *no valid responses;

run;