National Health and Nutrition Examination Survey 2003-2004

Documentation, Codebook, and Frequencies

Household and MEC Questionnaire Component:
Food Security Questionnaire Data

Survey Years:
2003 to 2004

SAS Export File:
FSQ_C.XPT

March 2007

NHANES 2003–2004 Data Documentation

Questionnaire Section: Household and MEC Interviews   **Name:** Food Security (FSQ_C)
Years of Coverage: 2003–2004   **First Published:** March 2007   **Last Revised:** NA

Component Description

The Food Security section provides data relating to lack of adequate food and receipt of food assistance. It includes:

1) Household food security 2) individual food security 3) Food Stamp program benefits and 4) WIC benefits. A chart summarizing the FSQ components and individual items is appended to this documentation.

I. Household food security

In the Household interview, an adult responds to the U.S. Household Food Security Survey Module (FSSM) questions; 18 items for households with children under 18y; 10 items for households without children[1]. Questions refer to <u>all</u> household members, not just NHANES participants. Data are released on each household participant's record.

II. Individual Food Security

Adults (>15y) and children (< 12y) in households responding positively to any FSSM item during the household interview, are asked individual-level food security questions after the 24 hour dietary recall in the MEC. The questions are based upon a subset of the HH-level questions. An adult or older sibling responds for a child. Data are released only on the individual participant's record.

III. Food program participation

1. Food stamp authorization: Household and individual-level food stamp data are collected for all household members during the household interview. One adult usually responds for the household. Individual-level data are released only on the individual participant's record. The household-level food stamp variable provides the number of all people in the household who were authorized for food stamps, not just NHANES participants. It is released on all household participants' records.

2. WIC: Household and Individual-level data are collected during the household and reproductive health interviews and released on all household members' and each individual participant's records, respectively.

Quality Assurance & Quality Control

Incoming FSQ data are reviewed by the project officer. NHANES staff review taped interviews, travel to field sites to observe interviews, read interviewer comments, and attend training and re-training sessions to maintain the high quality of NHANES interviews. Data are reviewed for outliers, out of range responses, missing responses, and non-response.

Data Processing and Editing

I. Food Security (Household Level):

1. High income households:
Households with incomes over 4 times the U.S. Department of Health and Human Services (DHHS) poverty guideline[2] were not administered the FSSM. Participants in these households were assigned a response code of **"6 (question not administered.)".**

2. Missing data
Child food security questions were skipped in 14 households with children. For 11 households, responses to all HH level questions were negative; they were categorized as household and adult fully food secure. No child food security category was assigned. For the other 3 households, only the adult food security variable was released.

II. The Special Supplemental Food Program for Women, Infants and Children (WIC)
Length of WIC benefits was edited from years to months when the length was the child's approximate age in months.

III. The Food Stamp program
A variable "number of people in household receiving food stamps" (FSD170N) was created from the individual-level data in FSD170.

Dataset and Variable Label Structure

Variable labels help distinguish between similar variables, as described below.

FSQ_FSSM: Household-referent data:
Three categorical variables, each with four response levels, were created.
Categorical variables are released on all household members' records.

1) Household food security (FSDHH): uses all 18 FSSM variables.
2) Adult food security category (FSDAD); uses the10 adult/household variables.
3) Child food security category (FSDCH); uses the 8 child-referent variables.

FSQ_FSSM: Individual-referent data
Seven questions were asked of participants over 15y; six of participants under 12y, none of participants 12-15y.
Released only on individual participant's record.

Food Stamp Program data
One household-level and three individual-level questions. HH data released on all HH members' records; individual data only on the individual participant's record.

WIC participation
One household- and three individual-level questions each for pregnant or breast-feeding women and for young children. The child and mother questions are nearly identical. Variable names contain "child" or "mom," and labels end with a C or M to help distinguish between them.

Tabular display of all FSQ variables
There are many similar FSQ variables, which differ only by location of administration, time frame, and/or reference person. A multi-colored chart at the end of this document displays the entirety of the FSQ variables.

Analytic Notes

The 2003-2004 FSQ data release is more extensive than the 1999-2000 and 2001-2002 FSQ releases. It includes responses to each of the 18 individual FSSM items; the adult, household, and child category scores; household and individual food stamp data; household and individual WIC data; and person-level dietary recall data for adults (16+ years) and children (< 11 years). The label names help distinguish between the similar variables.

Response codes of "6 Screened out" indicate households that were not administered the FSSM because of high income. Analyses of Current Population Survey (CPS) data indicate that higher-income households are very unlikely to report food insecurity resulting from insufficient money[3-7].

A computer programming error resulted in missing responses to questions about length of receipt (FSD190) and current receipt (FSD200) of food stamps for some household members.

The NHANES 2003-4 prevalence of individuals reporting authorization to receive food stamps is lower than the prevalence indicated by USDA administrative data. Misinterpretation of the word "authorized" in the food stamp questions may have contributed to this discrepancy. Thus, variable FSD170N (number of people in the household authorized to receive food stamps) may be more reliable than variable FSD180 (individual was authorized to receive food stamps in the last 12 months) to identify NHANES participants who live in households that were authorized to receive food stamps in the last 12 months.

The NHANES Analytic Guidelines are found at:
http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm [8].
Information on collecting and analyzing US FSSM data are found at http://www.fns.usda.gov/fsec/FILES/FSGuide.pdf [1].
A recent assessment of food security measurement was conducted by the National Research Council[9].

References

(1) http://www.fns.usda.gov/fsec/FILES/FSGuide.pdf
Guide to Measuring Household Food Security Revised 2000. Gary Bickel, Mark Nord, Cristofer Price, William Hamilton, John Cook. U.S. Department of Agriculture, Food and Nutrition Service. March, 2000.

(2) http://aspe.hhs.gov/poverty/figures-fed-reg.shtml
Prior HHS Poverty Guidelines and Federal Register References. U.S. Department of Health and Human Services.

(3)http://www.fns.usda.gov/oane/MENU/Published/FoodSecurity/foodsec98.PDF
Household Food Security in the United States, 1995-1998. Food and Nutrition Service, USDA. July, 1992.

(4) http://www.ers.usda.gov/publications/fanrr8/fanrr8.pdf
Household Food Security in the United States, 1999. By Margaret Andrews, Mark Nord, Gary Bickel, and Steven Carlson. Food and Rural Economics Division, Economic Research Service, U.S. Department of Agriculture. Food Assistance and Nutrition Research Report No. 8.

(5) http://www.ers.usda.gov/publications/fanrr21/fanrr21.pdf
Household Food Security in the United States, 2000. By Mark Nord, NaderKabbani, Laura Tiehen, Margaret Andrews, Gary Bickel, and Steven Carlson. Food and Rural Economics Division, Economic Research Service, U.S. Department of Agriculture, Food Assistance and Nutrition Research Report No. 21.

(6) http://www.ers.usda.gov/publications/fanrr29/fanrr29.pdf
Household Food Security in the United States, 2001. By Mark Nord, Margaret Andrews, and Steven Carlson. Food and Rural Economics Division, Economic Research Service, U.S. Department of Agriculture, Food Assistance and Nutrition Research Report No. 29.

(7) http://www.ers.usda.gov/publications/fanrr35/fanrr35.pdf
Household Food Security in the United States, 2002. By Mark Nord, Margaret Andrews, and Steven Carlson. Food and Rural Economics Division, Economic Research Service, U.S. Department of Agriculture, Food Assistance and Nutrition. Research Report No. 35.

(8)http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm
The National Health and Nutrition Examination Survey (NHANES) Analytic and Reporting Guidelines. September 2006

(9) Food Insecurity and Hunger in the United States: An assessment of the measure. Gooloo Wunderlich, Janet Norwood, Editors. NRC, Committee on National Statistics. Washington DC: The National Academies Press. 2006.

Appendix: Components of the Food Security Section (FSQ) 2003-2004

Component	Data Collection Details	Recommended Weights	Var Name	Target: Gender Age	Label	Response Codes
Household Food Security (FSSM)	**Food Security (FSQ)** **Family Interview** Household level	Interview	FSD032A	**MF (0-150)**	HH Worried run out of food	1 = Often true 2 = Sometimes true 3 = Never true 6 = Screened out 7 = Refused 9 = Don't know
			FSD032B	**MF (0-150)**	HH Food didn't last	
			FSD032C	**MF (0-150)**	HH Couldn't afford balanced meals	
			FSD032D	**MF (0-150)**	HH Relied on low-cost food for child	
			FSD032E	**MF (0-150)**	HH Couldn't feed child balanced meal	
			FSD032F	**MF (0-150)**	HH Child not eating enough	
			FSD041	**MF (0-150)**	HH Adults cut size or skip meals	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD052	**MF (0-150)**	HH How often adults cut size/skip meals	1 = Almost every month, 2 = Some months but not every month, or 3 = Only 1 or 2 months? 6 = Screened out 7 = Refused 9 = Don't know
			FSD061	**MF (0-150)**	HH Eat less than should	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD071	**MF (0-150)**	HH Hungry, but didn't eat	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD081	**MF (0-150)**	HH Lost weight, no money for food	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD092	**MF (0-150)**	HH Adults not eat whole day	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD102	**MF (0-150)**	HH How often adults not eat for day	1 = Almost every month, 2 = Some months but not every month, or 3 = Only 1 or 2 months? 6 = Screened out 7 = Refused 9 = Don't know
			FSD111	**MF (0-150)**	HH Cut size of child meals	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD122	**MF (0-150)**	HH Child skip meals	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD132	**MF (0-150)**	HH How often child skip meals	1 = Almost every month, 2 = Some months but not every month, or 3 = Only 1 or 2 months? 6 = Screened out 7 = Refused 9 = Don't know
			FSD141	**MF (0-150)**	HH Child hungry in last 12 months	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSD146	**MF (0-150)**	HH Child not eat whole day	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
			FSDHH	**MF (0-150)**	Household food security category	1 = HH full food security: 0* 2 = HH marginal food security: 1-2 3 = HH low food security: 3-7 4 = HH very low food security: 8-18
			FSDAD	**MF (0-150)**	Adult food security category	1 = AD full food security: 0 * 2 = AD marginal food security: 1-2 3 = AD low food security: 3-5 4 = AD very low food security: 6-10
			FSDCH	**MF (0-150)**	Child food security category	1 = CH food quality & quantity unaffected: 0 * 2 = CH reduced food quality or quantity: 1 3 = CH reduced food quality and quantity: 2-4 4 = CH severely reduced food quality and quantity: 5-8
			FSD151	**MF (0-150)**	HH Emergency food received	1 = Yes 2 = No 6 = Screened out 7 = Refused 9 = Don't know
Individual Food Security	**Dietary Recall (DRX)** **Mobile Exam Center (MEC)** Individual level	MEC	FSQ400	**MF (16-150)**	Adult - cut size or skipped meals	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ410	**MF (16-150)**	Adult - days cut size or skipped meals	77 = Refused 99 = Don't know
			FSQ420	**MF (16-150)**	Adult - ate less than should	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ430	**MF (16-150)**	Adult - hungry, didn't eat	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ440	**MF (16-150)**	Adult - lost weight	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ450	**MF (16-150)**	Adult - not eat whole day	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ460	**MF (16-150)**	Adult - days without eating	77 = Refused 99 = Don't know
			FSQ470	**MF (0-11)**	Child - ate less than should	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ480	**MF (0-11)**	Child - cut size of meals	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ490	**MF (0-11)**	Child - hungry in last 30 days	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ500	**MF (0-11)**	Child - skipped meal	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSQ510	**MF (0-11)**	Child - days skipped meal	77 = Refused 99 = Don't know
			FSQ520	**MF (0-11)**	Child - not eat whole day	1 = Yes 2 = No 7 = Refused 9 = Don't know
Household and individual Food Stamps	**Food Security (FSQ)** **Family Interview** Household level	Interview	FSQ170	**MF (0-150)**	HH Authorized for fd stmps last 12 mos	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSD170N	**MF (0-150)**	No. people in HH authorized for fd stmps	7 = 7 or more
	Food Security (FSQ) **Family Interview** Individual level	Interview	FSD180	**MF (0-150)**	Authorized for fd stmps in last 12 mos	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSD190	**MF (0-150)**	No. mos authorized in last 12 mos	1 = 1 month or less 77 = Refused 99 = Don't know
			FSD200	**MF (0-150)**	Currently authorized for fd stmps	1 = Yes 2 = No 7 = Refused 9 = Don't know
Household and individual WIC	**Food Security (FSQ)** **Family Interview** Household level	Interview	FSQ162	**MF (0-150)**	Household - WIC in past 12 months	1 = Yes 2 = No 7 = Refused 9 = Don't know
	Diet Behavior (DBQ) **Household Interview** Individual level	Interview	FSD650C	**MF (0-5)**	Child - WIC in past 12 months	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSD660C	**MF (0-4)**	Child - current WIC	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSD670C	**MF (0-4)**	Child - No. months WIC	
	Reproductive Health (RHQ) **Mobile Exam Center (MEC)** Individual level	MEC	FSD650M	**F (12 - 150)**	Mom - WIC in past 12 months	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSD660M	**F (12 - 150)**	Mom - current WIC	1 = Yes 2 = No 7 = Refused 9 = Don't know
			FSD670M	**F (12 - 150)**	Mom - No. months WIC	

* Number of positive responses for each category. Response ranges for HH Food Security categories are for HH's with children; the HH and AD measures are identical for adult-only HH's.

Locator Record

Title: Food Security (FSQ_C)
Contact Number: 1-866-441-NCHS
Years of Content: 2003–2004
First Published: March 2007
Revised: NA
Access Constraints: None
Use Constraints: None
Geographic Coverage: National
Subject: Data relating to lack of adequate food and receipt of food assistance
Record Source: NHANES 2003–2004
Survey Methodology: NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.
Medium: NHANES Web site; SAS transport files

National Health and Nutrition Examination Survey
Codebook for Data Production (2003-2004)

Food Security Section of the Family Questionnaire (FSQ_C)
Person Level Data

March 2007

SEQN	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

FSD032A	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Worried run out of food
English Text: Now I am 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 {you/your household} in the last 12 months, that is since last {DISPLAY CURRENT MONTH}. The first statement is . . . {I/we} worried whether {my/our} food would run out before {I/we} got money to buy more.	
English Instructions: Collected on household level.	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	752	752	
2	Sometimes true	1669	2421	
3	Never true	4855	7276	
6	Screened out	2375	9651	
7	Refused	25	9676	
9	Don't know	18	9694	
.	Missing	428	10122	

FSD032B	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Food didn't last

English Text: [The next statement is . . .] The food that {I/we} bought just didn't last, and {I/we} didn't have money to get more.

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	545	545	
2	Sometimes true	1513	2058	
3	Never true	5229	7287	
6	Screened out	2375	9662	
7	Refused	24	9686	
9	Don't know	8	9694	
.	Missing	428	10122	

FSD032C	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Couldn't afford balanced meals

English Text: [The next statement is . . .] {I/we} couldn't afford to eat balanced meals.

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	397	397	
2	Sometimes true	1183	1580	
3	Never true	5693	7273	
6	Screened out	2375	9648	
7	Refused	24	9672	
9	Don't know	22	9694	
.	Missing	428	10122	

FSQBOX1	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 1. CHECK ITEM: IF THERE IS NO ONE IN THE HOUSEHOLD WHO IS 17 YEARS OLD OR LESS, GO TO FSQBOX2.

FSD032D	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Relied on low-cost food for child

English Text: [The next statement is . . .] (I/we) relied on only a few kinds of low-cost food to feed {CHILD'S NAME / THE CHILDREN} because (I was/we were) running out of money to buy food.

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	385	385	
2	Sometimes true	1094	1479	
3	Never true	3603	5082	
6	Screened out	1338	6420	
7	Refused	23	6443	
9	Don't know	4	6447	
.	Missing	3675	10122	

FSD032E	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Couldn't feed child balanced meal

English Text: [The next statement is . . .] (I/we) couldn't feed {CHILD'S NAME / THE CHILDREN} a balanced meal, because (I/we) couldn't afford that.

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	257	257	
2	Sometimes true	781	1038	
3	Never true	4044	5082	
6	Screened out	1338	6420	
7	Refused	23	6443	
9	Don't know	4	6447	
.	Missing	3675	10122	

FSQBOX2	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 2. CHECK ITEM: IF THE RESPONSE TO FSD032 'A', 'B', 'C', 'D' or 'E' IS 'OFTEN TRUE' (CODE 1) OR 'SOMETIMES TRUE' (CODE 2) CONTINUE. OTHERWISE, GO TO FSDHH.

FSQBOX3	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 3. CHECK ITEM: IF THERE IS NO ONE IN THE HOUSEHOLD WHO IS 17 YEARS OLD OR LESS, GO TO FSD041.

FSD032F	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Child not eating enough

English Text: [The next statement is . . .] {CHILD'S NAME WAS /THE CHILDREN WERE} not eating enough because (I/we) just couldn't afford enough food.

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	112	112	
2	Sometimes true	453	565	
3	Never true	1681	2246	
6	Screened out	1338	3584	
7	Refused	5	3589	
9	Don't know	2	3591	
.	Missing	6531	10122	

FSD041	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH Adults cut size or skip meals			

English Text: In the last 12 months, since last {DISPLAY CURRENT MONTH}, did {you/you or other adults in your household} ever cut the size of your meals or skip meals because there wasn't enough money for food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	939	939	
2	No	1794	2733	FSD061
6	Screened out	2375	5108	
7	Refused	5	5113	FSD061
9	Don't know	0	5113	FSD061
.	Missing	5009	10122	

FSD052	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH How often adults cut size/skip meals			

English Text: How often did this happen?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Almost every month,	301	301	
2	Some months but not every month, or	441	742	
3	Only 1 or 2 months?	196	938	
6	Screened out	2375	3313	
7	Refused	0	3313	
9	Don't know	1	3314	
.	Missing	6808	10122	

FSD061	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Eat less than should

English Text: In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money to buy food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	951	951	
2	No	1782	2733	
6	Screened out	2375	5108	
7	Refused	5	5113	
9	Don't know	0	5113	
.	Missing	5009	10122	

FSD071	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Hungry, but didn't eat

English Text: [In the last 12 months], were you ever hungry but didn't eat because you couldn't afford enough food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	496	496	
2	No	2235	2731	
6	Screened out	2375	5106	
7	Refused	5	5111	
9	Don't know	2	5113	
.	Missing	5009	10122	

FSD081	Target	
	B(0 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
	HH Lost weight, no money for food	

English Text: [In the last 12 months], did you lose weight because you didn't have enough money for food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	224	224	
2	No	2497	2721	
6	Screened out	2375	5096	
7	Refused	5	5101	
9	Don't know	12	5113	
.	Missing	5009	10122	

FSDBOX4	Target	
	B(0 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
	CHECK ITEM	

English Text: CHECK ITEM

English Instructions: BOX 4. CHECK ITEM: IF FSD032F IS OFTEN TRUE (CODE 1) OR SOMETIMES TRUE (CODE 2), OR IF 'YES' (CODE 1) IN FSD041, FSD061, FSD071, OR FSD081, CONTINUE. OTHERWISE, GO TO FSDHH.

FSD092	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH Adults not eat whole day			

English Text: [In the last 12 months], did {you/you or other adults in your household} ever not eat for a whole day because there wasn't enough money for food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	209	209	
2	No	1123	1332	
6	Screened out	2375	3707	
7	Refused	0	3707	
9	Don't know	0	3707	
.	Missing	6415	10122	

FSD102	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH How often adults not eat for day			

English Text: How often did this happen? Would you say . . .

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Almost every month,	71	71	
2	Some months but not every month, or	75	146	
3	Only 1 or 2 months?	63	209	
6	Screened out	2375	2584	
7	Refused	0	2584	
9	Don't know	0	2584	
.	Missing	7538	10122	

FSQBOX5	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 5. CHECK ITEM: IF THERE IS NO ONE IN THE HOUSEHOLD WHO IS 17 YEARS OLD OR LESS, GO TO FSDHH.

FSD111	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Cut size of child meals

English Text: In the last 12 months, since {DISPLAY CURRENT MONTH} of last year, did you ever cut the size of {CHILD'S NAME's/any of the children's} meals because there wasn't enough money for food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	186	186	
2	No	934	1120	
6	Screened out	1338	2458	
7	Refused	0	2458	
9	Don't know	0	2458	
.	Missing	7664	10122	

FSD122	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH Child skip meals			
English Text: [In the last 12 months], did {CHILD'S NAME/any of the children} ever skip meals because there wasn't enough money for food?				
English Instructions: Collected on household level.				

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	77	77	
2	No	1041	1118	FSD141
6	Screened out	1338	2456	
7	Refused	0	2456	FSD141
9	Don't know	2	2458	FSD141
.	Missing	7664	10122	

FSD132	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH How often child skip meals			
English Text: How often did this happen?				
English Instructions: Collected on household level.				

Code or Value	Description	Count	Cumulative	Skip to Item
1	Almost every month,	17	17	
2	Some months but not every month, or	39	56	
3	Only 1 or 2 months?	21	77	
6	Screened out	1338	1415	
7	Refused	0	1415	
9	Don't know	0	1415	
.	Missing	8707	10122	

FSD141	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH Child hungry in last 12 months			

English Text: In the last 12 months, {was CHILD'S NAME/were the children} ever hungry but you just couldn't afford more food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	128	128	
2	No	987	1115	
6	Screened out	1338	2453	
7	Refused	0	2453	
9	Don't know	5	2458	
.	Missing	7664	10122	

FSD146	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH Child not eat whole day			

English Text: [In the last 12 months], did {CHILD'S NAME/any of the children} ever not eat for a whole day because there wasn't enough money for food?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	8	8	
2	No	1112	1120	
6	Screened out	1338	2458	
7	Refused	0	2458	
9	Don't know	0	2458	
.	Missing	7664	10122	

FSDHH	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Household food security category			
English Text: Household food security category for last 12 months				
English Instructions: Calculated on household level.				

Code or Value	Description	Count	Cumulative	Skip to Item
1	HH full food security: 0	6922	6922	
2	HH marginal food security: 1-2	868	7790	
3	HH low food security: 3-5 / 3-7 (HH with child)	1232	9022	
4	HH very low food security: 6-10 / 8-18 (HH with child)	641	9663	
.	Missing	459	10122	

FSDAD	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Adult food security category			
English Text: Adult food security category for last 12 months				
English Instructions: Calculated on household level.				

Code or Value	Description	Count	Cumulative	Skip to Item
1	AD full food security: 0	6986	6986	
2	AD marginal food security: 1-2	1037	8023	
3	AD low food security: 3-5	1002	9025	
4	AD very low food security: 6-10	638	9663	
.	Missing	459	10122	

FSDCH	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Child food security category

English Text: Child food security category for last 12 months

English Instructions: Calculated on household level. ONLY APPLIES IF THERE IS AT LEAST ONE CHILD 17 YEARS OLD OR LESS IN THE HOUSEHOLD.

Code or Value	Description	Count	Cumulative	Skip to Item
1	CH food quality & quantity unaffected: 0	4870	4870	
2	CH reduced food quality or quantity: 1	510	5380	
3	CH reduced food quality and quantity: 2-4	952	6332	
4	CH severely reduced food quality and quantity: 5-8	88	6420	
.	Missing	3702	10122	

FSD151	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	HH Emergency food received

English Text: In the last 12 months, did {you/you or any member of your household} ever get emergency food from a church, a food pantry, or a food bank, or eat in a soup kitchen?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	804	804	
2	No	6483	7287	
6	Screened out	2375	9662	
7	Refused	21	9683	
9	Don't know	8	9691	
.	Missing	431	10122	

FSDBOX6	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 6. CHECK ITEM: IF THE RESPONSE TO FSD032 'A', 'B', 'C', 'D' or 'E' IS 'OFTEN TRUE' (CODE 1) OR 'SOMETIMES TRUE' (CODE 2), OR 'REFUSE' (CODE 7), OR 'DON'T KNOW' (CODE 9) CONTINUE. OTHERWISE, GO TO FSD170N.

FSQ400	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Adult - cut size or skipped meals

English Text: In the last 30 days, did you ever cut the size of your meals or skip meals because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	218	218	
2	No	978	1196	FSQ420
7	Refused	1	1197	FSQ420
9	Don't know	9	1206	FSQ420
.	Missing	8916	10122	

FSQ410	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
0 to 30	Adult - days cut size or skipped meals

English Text: How many days did this happen in the last 30 days?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 30	Range of Values	213	213	
77	Refused	5	218	
99	Don't know	0	218	
.	Missing	9904	10122	

FSQ420	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Adult - ate less than should

English Text: In the last 30 days, did you ever eat less than you felt you should because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	207	207	
2	No	989	1196	
7	Refused	1	1197	
9	Don't know	9	1206	
.	Missing	8916	10122	

FSQ430	Target				
	B(16 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Adult - hungry, didn't eat				

English Text: In the last 30 days, were you ever hungry but did not eat because you could not afford enough food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	112	112	
2	No	1085	1197	
7	Refused	1	1198	
9	Don't know	8	1206	
.	Missing	8916	10122	

FSQ440	Target				
	B(16 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Adult - lost weight				

English Text: In the last 30 days, did you lose weight because you did not have enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	62	62	
2	No	1119	1181	
7	Refused	1	1182	
9	Don't know	24	1206	
.	Missing	8916	10122	

FSQ450	Target				
	B(16 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Adult - not eat whole day				

English Text: In the last 30 days, did you ever not eat for a whole day because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	39	39	
2	No	235	274	FSQ470
7	Refused	0	274	FSQ470
9	Don't know	0	274	FSQ470
.	Missing	9848	10122	

FSQ460	Target				
	B(16 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
0 to 30	Adult - days without eating				

English Text: How may times did this happen in the last 30 days?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 10	Range of Values	36	36	
77	Refused	3	39	
99	Don't know	0	39	
.	Missing	10083	10122	

FSQ470	Target
	B(0 Yrs. to 11 Yrs.)
Hard Edits	**SAS Label**
	Child - ate less than should

English Text: In the last 30 days, did (child's name) ever eat less than you felt (he/she) should because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	79	79	
2	No	835	914	
7	Refused	0	914	
9	Don't know	5	919	
.	Missing	9203	10122	

FSQ480	Target
	B(0 Yrs. to 11 Yrs.)
Hard Edits	**SAS Label**
	Child - cut size of meals

English Text: In the last 30 days, did you ever cut the size of (child's name) meals because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	61	61	
2	No	855	916	
7	Refused	0	916	
9	Don't know	3	919	
.	Missing	9203	10122	

FSQ490	Target			
	B(0 Yrs. to 11 Yrs.)			
Hard Edits	**SAS Label**			
	Child - hungry in last 30 days			

English Text: In the last 30 days, was (child's name) ever hungry but you just could not afford more food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	25	25	
2	No	890	915	
7	Refused	1	916	
9	Don't know	3	919	
.	Missing	9203	10122	

FSQ500	Target			
	B(0 Yrs. to 11 Yrs.)			
Hard Edits	**SAS Label**			
	Child - skipped meal			

English Text: In the last 30 days, did (child's name) ever skip a meal because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	24	24	
2	No	892	916	FSQ520
7	Refused	0	916	FSQ520
9	Don't know	3	919	FSQ520
.	Missing	9203	10122	

FSQ510	Target
	B(0 Yrs. to 11 Yrs.)
Hard Edits	**SAS Label**
0 to 30	Child - days skipped meal

English Text: How many days did this happen in the last 30 days?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 10	Range of Values	24	24	
77	Refused	0	24	
99	Don't know	0	24	
.	Missing	10098	10122	

FSQ520	Target
	B(0 Yrs. to 11 Yrs.)
Hard Edits	**SAS Label**
	Child - not eat whole day

English Text: In the last 30 days, did (child's name) not eat for a whole day because there was not enough money for food?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	3	3	
2	No	98	101	
7	Refused	0	101	
9	Don't know	0	101	
.	Missing	10021	10122	

FSQ170	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	HH Authorized for fd stmps last 12 mos			

English Text: [In the last 12 months], were {you/you or any members of your household} authorized to receive Food Stamps [which includes a food stamp card or voucher, or cash grants from the state for food]?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1989	1989	
2	No	7924	9913	
7	Refused	34	9947	FSQ162
9	Don't know	32	9979	FSQ162
.	Missing	143	10122	

FSD170N	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	No. people in HH authorized for fd stmps			

English Text: [In the last 12 months], how many people in your household were authorized to receive Food Stamps?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 6	Range of Values	9824	9824	
7	7 or more	88	9912	
.	Missing	210	10122	

FSD180	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Authorized for fd stmps in last 12 mos

English Text: In the last 12 months, {were you/was SP} authorized to receive Food Stamps?

English Instructions: Collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1053	1053	
2	No	8856	9909	FSQ162
7	Refused	2	9911	FSQ162
9	Don't know	1	9912	FSQ162
.	Missing	210	10122	

FSD190	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 12	No. mos authorized in last 12 mos

English Text: In the last 12 months, about how many months {were you/was SP} authorized to receive Food Stamps?

English Instructions: Collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
2 to 12	Range of Values	915	915	
1	1 month or less	39	954	
77	Refused	2	956	
99	Don't know	4	960	
.	Missing	9162	10122	

FSD200	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Currently authorized for fd stmps			

English Text: {Are you/Is SP} now authorized to receive Food Stamps?

English Instructions: Collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	852	852	
2	No	99	951	
7	Refused	2	953	
9	Don't know	7	960	
.	Missing	9162	10122	

FSQ162	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Household - WIC in past 12 months			

English Text: In the last 12 months, did {you/you or any member of your household} receive benefits from the WIC program, that is, the Women, Infants and Children program?

English Instructions: Collected on household level.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1860	1860	
2	No	6099	7959	
7	Refused	20	7979	
9	Don't know	2	7981	
.	Missing	2141	10122	

FSD650C	Target
	B(0 Yrs. to 5 Yrs.)
Hard Edits	**SAS Label**
	Child - WIC in past 12 months

English Text: Did (child's name) receive benefits from WIC in the past 12 months?

English Instructions: Collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	892	892	
2	No	850	1742	End of Section
7	Refused	0	1742	End of Section
9	Don't know	1	1743	End of Section
.	Missing	8379	10122	

FSD660C	Target
	B(0 Yrs. to 4 Yrs.)
Hard Edits	**SAS Label**
	Child - current WIC

English Text: Is (child's name) now receiving benefits from the WIC Program?

English Instructions: Collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	722	722	
2	No	125	847	
7	Refused	0	847	
9	Don't know	1	848	
.	Missing	9274	10122	

FSD670C	Target
	B(0 Yrs. to 4 Yrs.)
Hard Edits	**SAS Label**
	Child - No. months WIC

English Text: How long did {(child's name) receive/ has (child's name) been receiving} benefits from the WIC program?

English Instructions: Collected at individual level in the household interview.

Respondents answered in years or months. All responses were converted to months.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 57	Range of Values	846	846	
.	Missing	9276	10122	

FSD650M	Target
	F(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Mom - WIC in past 12 months

English Text: Did {you/(woman's name)} personally receive benefits from WIC, that is, the Women, Infants, and Children Program, in the past 12 months?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	132	132	
2	No	100	232	End of Section
7	Refused	0	232	End of Section
9	Don't know	1	233	End of Section
.	Missing	9889	10122	

FSD660M	Target			
	F(12 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Mom - current WIC			

English Text: {Are you/Is (woman's name)} now receiving benefits from the WIC Program?

English Instructions: Collected at individual level in the MEC interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	114	114	
2	No	18	132	
7	Refused	0	132	
9	Don't know	0	132	
.	Missing	9990	10122	

FSD670M	Target			
	F(12 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Mom - No. months WIC			

English Text: How long {did (woman's name) receive/has (woman's name) been receiving} benefits from the WIC program?

English Instructions: Collected at individual level in the MEC interview.

Respondents answered in years or months. All responses were converted to months.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 108	Range of Values	132	132	
.	Missing	9990	10122	