

Food Security

Questionnaire

Survey Years: 2005 to 2006

SAS Transport File: FSQ_D.XPT



January 2008

NHANES 2005–2006 Data Documentation

Questionnaire Section: Food Security (FSQ_D)

First Published: January 2008

Component Description The existence of food security and hunger in the U.S. has been noted for several decades. In the 1980-90's, qualitative and survey research were undertaken to characterize food security, and survey modules were developed to assess it¹⁻⁴.

Since 1999, NHANES has assessed household food security with the US Food Security Survey Module (US FSSM)⁵. Individual-level food security items for adults and children were added to NHANES in 2000, and added for adolescents in 2005. The NHANES Food Security section (FSQ) also provides data on food assistance.

The four sub-components of the Food Security component are: 1) Household food security 2) Individual food security 3) Household and individual Food Stamp program benefits and 4) Household and individual WIC benefits.

A chart summarizing the various FSQ components and individual items is appended to this documentation.

I. Household food security

In the household interview, an adult responded to the US FSSM questions. There are 18 items for households with children under age 18 and 10 items for households without children. Questions refer to all household members, not just NHANES participants. All households were administered these questions in 2005-2006; no income screen was used. Three categorical household-level variables were created: household, adult, and child food security, as described by USDA⁵. Responses to the 10 or 18 US FSSM items and the categorical data derived from these responses are released on each household participant's record.

II. Individual Food Security

Individual-level food security items were administered to all survey participants in the households that affirmed any FSSM item during the household interview. Adult (>15 years) and child (< 12 years) individual-level food security questions were administered after the 24 hour dietary recall. Generally, adults responded for themselves. An adult or older sibling responded for a child, although the child may have assisted. Adolescents (12-15 years) responded for themselves during the Audio Computer-Assisted Interview (ACASI).

Individual-level questions are derived from a subset of the householdreferenced questions. Release of adolescent individual-level food security data is new for 2005-2006. The same variable labels are used for all age groups. These 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 were collected for all household members during the household interview. One adult usually responded for the entire household. NCHS created a variable for the number of people in the HH who received food stamp benefits. New in 2005-06, the respondent was asked the dollar amount of the most recent food stamp benefit. The household level variables for "benefit amount" and "number of all people in the household who were authorized for food stamps" are released on all household participants' records.

2. WIC: Household and Individual-level data on WIC benefits were collected during the household interview and in the reproductive health interview administered in the MEC. Data are released at the household and individual-level.

QualityIncoming FSQ data were reviewed by the project officer. NHANES staffAssurance &reviewed taped interviews, traveled to field sites to observe interviews,
read interviewer comments, and attended training and re-training sessions
to maintain the high quality of NHANES interviews. Data were reviewed for
outliers, out of range responses, missing responses, and non-response.

DataBecause responses other than "Never" were very rare for FSQ451 (Not eat
for whole day), responses of "Often and Sometimes" were collapsed into
one category, "Ever."

WIC data for women that appeared unlikely (e.g. a mother receiving WIC for longer than WIC regulations stipulate) were not edited, as there are plausible explanations for longer WIC intake.

Dataset and Variable Label Structure

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

FSQ FSSM: Household-level data:

18 questions were asked to households with children under ages of 18. 10 questions were asked to households without children. 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-level items.

FSQ_FSSM: Individual-level data

Participants 12 years and older were asked 7 questions about their own food security. Participants under 12 years old were asked 6 questions; the question about having lost weight was not asked.

Food Stamp Program data

There are 2 household-level and 3 individual-level questions were asked. HH level data are released on all HH members' records; individual level data are released only on the individual participant's record.

WIC participation

One household-level and 3 individual-level questions for pregnant or breast-feeding women and for young children were administered.

Tabular display of all FSQ variables

There are many similar FSQ variables, often differing only by location of administration, referent time frame, and/or reference person. A multi-colored table at the end of this document displays the entirety of the FSQ variables.

Analytic Notes DIFFERENCES BETWEEN THE '05-06 AND '99-04 FSQ DATA COLLECTION

- 1. All households were asked FSQ questions; no income screen was used.
- Adolescents (12-15 years) were asked individual level food security questions as part of their Audio Computer Assisted Sample person Interview (ACASI).

3. Households that reported getting food stamps were asked the amount of their food stamp benefits last month, or the last month that they month they received them.

DIFFERENCES BETWEEN THE '05-06 AND '99-04 FSQ DATA RELEASE

Most NHANES survey questions that assess a specific aspect of food security are identical or very similar for adults, teens, and children. In this 2005-2006 FSQ release, data collected separately for different age groups are combined and released as one variable for each topic, although the actual survey instruments may be slightly different by participants' ages. The exact wording of the FSQ questionnaires used in the survey can be found through the "Questionnaire" link accompanying this release.

FOOD STAMP DATA

The prevalence of individuals reporting authorization to receive food stamps estimated from the NHANES data 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.

USEFUL DOCUMENTS FOR ANALYZING NHANES FOOD SECURITY DATA

The most recent NHANES Analytic Guidelines (September 2006) are available at the NHANES website⁶.

More information on collecting and analyzing US FSSM data is available at USDA's website⁵.

Food security data are also collected in the Current Population Survey and are reported annually by the USDA's Economic Research Service.

THE NATIONAL RESEARCH COUNCIL ASSESSMENT OF THE USFSSM

A recent assessment of US FSSM was conducted by the National Research Council⁷. The committee determined that "hunger" should be measured only at the individual level and that it is a physical condition that is distinct from food insecurity. It can result from food insecurity and should not be used as a food security category label.

THE USE OF SAMPLE WEIGHTS

FSQ data were collected in the household and in the MEC. For data items collected in the household home interview, the interview sample weights may be used in their analysis. However, if a data analysis requires merging of data collected in the household with data collected in the MEC, examination sample weights should be used for analyses. Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues.

- References (1) Development of indicators to assess hunger. Radimer KL, Olson CM, Campbell CC. J Nutr. 1990; 120: 15448.
 - (2) Understanding hunger and developing indicators to assess it in women and children. Radimer KL, Olson CM, Green JC, Campbell CC, Habicht J-P. J Nutr Educ. 1992; 24: 36s-45s.
 - (3) Validation of the Radimer/Cornell measures of hunger and food insecurity. Kendall A, Olson CM, Frongillo EA Jr. J Nutr. 1995; 125: 2793-801.
 - (4) The Community Childhood Hunger Identification Project: a model of domestic hunger – demonstration project in Seattle, Washington. Wheler CA, Scott RI, Anderson JJ. J Nutr Educ 1992; 24(1): 29S-35S.
 - (5) Guide to Measuring Household Food Security Revised 2000. Bickel G, Nord M, Price C, Hamilton W, Cook J. U.S. Department of Agriculture, Food and Nutrition Service. March, 2000. <u>http://www.fns.usda.gov/fsec/FILES/FSGuide.pdf</u>
 - (6) The National Health and Nutrition Examination Survey (NHANES) Analytic and Reporting Guidelines. September 2006. <u>http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-</u> 2004/analytical_guidelines.htm
 - (7) Food Insecurity and Hunger in the United States: An assessment of the measure. Wunderlich G, Norwood J, Editors. NRC, Committee

on National Statistics. Washington DC: The National Academies Press. 2006. <u>http://books.nap.edu/openbook.php?record_id=11578&page=5</u>

Appendix: Components of the Food Security Section (FSQ) 2005-2006

Component	Data Collection Details	Recommended Weights	Var Name	Target: Gender Age	Label	Response Codes	
			FSD032A	MF (0-150)	HH Worried run out of food		
			FSD032B	MF (0-150)	HH Food didn't last	1 = Often true	
			FSD032C	MF (0-150)	HH Couldn't afford balanced meals	2 = Sometimes true 3 = Never true	
			FSD032D	MF (0-150)	HH Relied on low-cost food for child	b = Screened out ' = Refused	
			FSD032E	MF (0-150)	HH Couldn't feed child balanced meal	9 = Don't know	
			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	$1 = \text{Yes} \ 2 = \text{No} \ 6 = \text{Screened out} \ 7 = \text{Refused} \ 9 = \text{Don't know}$	
			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	
Household Food Security (FSSM)	Food Security (FSQ) Family Interview Household level	Interview	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	
	ribusenblu level		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 rood 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	
			FSD401	MF (0-150)	Meal size cut	1 = Often	
			FSD411	MF (0-150)	Skipped meals	2 = Sometimes 3 = Never	
	Distant Decall (DDV)		FSD421	MF (0-150)	Ate less than should	7 = Refused	
Individual Food	Dietary Recall (DRX) Mobile Exam Center (MEC)	MEC	FSD431	MF (0-150)	Hungry	9 = Don't know	
Security	Individual level		FSQ440	MF (16-150)	Lost weight	1 = Yes 2 = No 7 = Refused 9 = Don't know	
			FSD451	MF (0-150)	Not eat whole day	1 = Ever 2 = Never 7 = Refused 9 = Don't know	
	Food Security (FSQ) Family Interview	Interview	FSQ170	MF (0-150)	Fd Stmp HH - authorized last 12 mos	1 = Yes 2 = No 7 = Refused 9 = Don't know	
	Household level	Interview	FSD170N	MF (0-150)	Fd Stmp HH - No. people authorized	7 = 7 or more	
Household and	Food Security (FSQ)		FSD180	MF (0-150)	Fd Stmp SP authorized in last 12 mos	1 = Yes 2 = No 7 = Refused 9 = Don't know	
individual Food	Family Interview		FSD190	MF (0-150)	Fd Stmp SP mos authorized in last 12 mos	1 = 1 month or less 77 = Refused 99 = Don't know	
Stamps	Individual level	Interview	FSD200	MF (0-150)	Fd Stmp SP currentlyauthorized	1 = Yes 2 = No 7 = Refused 9 = Don't know	
	Food Security (FSQ)		FSQ210	MF (0-150)	Fd Stmp HH amount last month	77777= Refused	
	Family Interview		FSQ220	. ,		99999= Don't know 77777= Refused	
	Household level Food Security (FSQ) Family Interview Household level	Interview	FSQ220	MF (0-150) MF (0-150)	Fd Stmp HH amount last time WIC HH got past 12 mos	99999= Don't know 1 = Yes 2 = No 7 = Refused 9 = Don't know	
	Diet Behavior (DBQ)		FSD650 **	MF (0-5)	WIC SP got past 12 mos	1 = Yes 2 = No 7 = Refused 9 = Don't know	
Household and	Household Interview	Interview	FSD660 **	MF (0-4)	WIC SP currently get	1 = Yes 2 = No 7 = Refused 9 = Don't know	
individual WIC	Individual level		FSD670 **	MF (0-4)	WIC SP No. mos received		
	Reproductive Health (RHQ) Mobile Exam Center (MEC)	1	FSD650 **	F (12-150)	WIC SP got past 12 mos	1 = Yes 2 = No 7 = Refused 9 = Don't know	
			FSD660 **	F (12-150)	WIC SP currently get	1 = Yes 2 = No 7 = Refused 9 = Don't know	
	Individual level		FSD670 **	F (12-150)	WIC SP No. mos received		
				(12 100)			

* 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.

** These variables were asked of both women and children

Locator Record

Title: Food Security (FSQ_D)

Contact Number: 1-866-441-NCHS

Years of Content: 2005–2006

First Published: January 2008

Revised: NA

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: The food security section provides data on household and individual level food security, food stamp benefits, and participation in the WIC program.

Record Source: NHANES 2005–2006

Survey Methodology: NHANES 2005–2006 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 (2005-2006)

Questionnaire Section: Food Security (FSQ_D)

January 2008



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	793	793	
2	Sometimes true	1860	2653	
3	Never true	7565	10218	
7	Refused	7	10225	
9	Don't know	0	10225	
	Missing	123	10348	

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.

8				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Often true	503	503	
2	Sometimes true	1652	2155	
3	Never true	8063	10218	
7	Refused	7	10225	
9	Don't know	0	10225	
•	Missing	123	10348	

FSD032C		Target			
		B(0 Yrs. to 150 Yrs.)			
Hard Edits		SAS	Label		
		HH Couldn't affe	ord balanced meals		
English Text: [The nex	t statement is] {I/we}	couldn't afford to eat b	alanced meals.		
English Instructions: (Collected on household lev	vel.			
Code or Value	Description	Count	Cumulative	Skip to Item	
1	Often true	380	380		
2	Sometimes true	1300	1680		
3	Never true	8537	10217		
7	Refused	7	10224		
9	Don't know	on't know 1 10225			
-	Missing	123	10348		

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	FSD032D		Target				
			B(0 Yrs. to 150 Yrs.)				
Hard Edits			SAS	Label			
			HH Relied on low	-cost food for chil	d		
English Text: [The net NAME / THE CHILD English Instructions:	REN} beca	use (I was/we were)	2		od to feed {CHILD'S		
Code or Value	Ι	Description	Count	Cumulative	Skip to Item		
1		Often true	376	376			
2	So	metimes true	1140	1516			
3		Never true	5558	7074			
7		Refused	6	7080			
9	I	Don't know	0	7080			
		Missing	3268	10348			

FSD032E	FSD032E		Target			
			B(0 Yrs. to 150 Yrs.)			
Hard Edits	5		SAS	Label		
			HH Couldn't feed	child balanced me	al	
	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	I	Description Count Cumulative Skip to		Skip to Item		
1		Often true	206	206		
2	So	ometimes true	871	1077		
3		Never true	5997	7074		
7		Refused	6	7080		
9]	Don't know	0	7080		
		Missing	3268	10348		

FSQBOX2	Target		
TOUDONL	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		Ta	arget		
1020021		B(0 Yrs. to 150 Yrs.)			
Hard Edits		SAS Label			
		HH Child no	t 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				
1	Often true	89	89		
2	Sometimes true	541	630		
3	Never true	Never true 1834 2464			
7	Refused	Refused 0 2464			
9	Don't know	on't know 0 2464			
	Missing	7884	10348		

FSD041			Та	rget			
102011	150041		B(0 Yrs. to 150 Yrs.)				
Hard Edits SAS Label							
			HH Adults cut s	ize or skip meals			
		onths, since last {DISPLAY CURRENT MONTH}, did {you/you or other adults					
in your household} ev	er cut the si	size of your meals or skip meals because there wasn't enough money for food?					
English Instructions:	Collected of	on household level.					
Code or Value	Ι	Description	Count	Cumulative	Skip to Item		
1		Yes	748	748			
2		No 2247 2995 FS			FSD061		
7		Refused 0 2995 FSD061					
9]	Don't know	0	2995	FSD061		
		Missing	7353	10348			

FSD052			Target				
			B(0 Yrs.	to 150 Yrs.)			
Hard Edits	5	SAS Label					
		HH How often adults cut size/skip meals					
English Text: How of	ften did this	is happen?					
English Instructions:	Collected of	on household level.					
Code or Value	Ι	Description Count Cumulative Skip to Item					
1	Almo	ost every month,	229	229			
2	Somom	onthe but not avon	nthe hut not avery 226 565				

1	r minost every month,	22)	22)	
2	Some months but not every month, or	336	565	
3	Only 1 or 2 months?	183	748	
7	Refused	0	748	
9	Don't know	0	748	
	Missing	9600	10348	

FSD061	Target
152001	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	868	868	
2	No	2127	2995	
7	Refused	0	2995	
9	Don't know	0	2995	
	Missing	7353	10348	

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	2499	2995	
7	Refused	0	2995	
9	Don't know	0	2995	
	Missing	7353	10348	

FSD081			Ta	rget	
152001			B(0 Yrs. t	o 150 Yrs.)	
Hard Edits			SAS	Label	
		HH Lost weight, no money for food			d
English Text: [In the l	ast 12 mon	ths], did you lose w	eight because you	lidn't have enough	money for food?
English Instructions:	Collected of	ed on household level.			
Code or Value	Ι	Description	Count	Cumulative	Skip to Item
1		Yes	274	274	
2		No	2707	2981	
7		Refused 0 2981			
9]	Don't know	14	2995	
		Missing	7353	10348	

FSDBOX4	Target					
FODDOA4	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	FSD092		Та	rget			
155072			B(0 Yrs. to 150 Yrs.)				
Hard Edits	6		SAS	Label			
			HH Adults no	t eat whole day			
	English Text: [In the last 12 months], did {you/you or other adults in your household} ever not eat for a who day because there wasn't enough money for food?						
English Instructions:	Collected of	on household level.					
Code or Value	I	Description	Count	Cumulative	Skip to Item		
1		Yes	229	229			
2		No 1133 1362					
7		Refused 0 1362					
9]	Don't know 0 1362					
		Missing	8986	10348			

FSD102			Та	rget			
			B(0 Yrs. to 150 Yrs.)				
Hard Edits	5		SAS	Label			
		HH How often adults not eat for day					
English Text: How of	ften did this	happen? Would you s	say				
English Instructions: Collected on household level.							
Code or Value	Ι	Description	Count	Cumulative	Skip to Item		
1	Almost every month,		64	64			
2	Some months but not every month, or		120	184			
3	Only	Only 1 or 2 months?		229			
7	Refused		0	229			
9	Don't know		0	229			
		Missing	10119	10348			

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			Ta	rget		
100111			B(0 Yrs. t	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 th size of {CHILD'S NAME's/any of the children's} meals because there wasn't enough money for food?					5	
English Instructions:	Collected of	on household level.				
Code or Value	Ι	Description	Count	Cumulative	Skip to Item	
1		Yes	186	186		
2		No	957	1143		
7		Refused	0	1143		
9 Don't know		Don't know	0	1143		
		Missing	9205	10348		

FSD122	FSD122		Та	rget			
100122			B(0 Yrs. t	o 150 Yrs.)			
Hard Edits		SAS Label					
			HH Child skip meals				
U 1	glish Text: [In the last 12 months], did {CHILD'S NAME/any of the children} ever skip meals because the sn't enough money for food?						
English Instructions:	Collected of	on household level.					
Code or Value	I	Description	Count	Cumulative	Skip to Item		
1		Yes	96	96			
2		No	1046	1142	FSD141		
7 Refused		Refused	0	1142	FSD141		
9]	Don't know	1	1143	FSD141		
		Missing	9205	10348			

FSD132			Target				
			B(0 Yrs. to 150 Yrs.)				
Hard Edits	6	SAS Label					
			HH How often	child skip meals			
English Text: How of	ften did this	happen?					
English Instructions:	Instructions: Collected on household level.						
Code or Value	Description		Count	Cumulative	Skip to Item		
1	Almost every month,		16	16			
2	Some months but not every month, or		50	66			
3	Only 1 or 2 months?		30	96			
7	Refused		0	96			
9]	Don't know	0	96			

10252

10348

Missing

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FSD141	FSD141		Та	rget			
102111			B(0 Yrs. to 150 Yrs.)				
Hard Edits	5	SAS Label					
		HH Child hungry in last 12 months					
couldn't afford more for	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	156	156			
2	-	No	986	1142			
7 Refused		0	1142				
9	9 Don't know		1	1143			
		Missing	9205	10348			

FSD146			Та	irget	
			B(0 Yrs.	to 150 Yrs.)	
Hard Edits		SAS Label			
		HH Child not eat whole day			
0	h Text: [In the last 12 months], did {CHILD'S NAME/any of the children} ever not eat for a whole date there wasn't enough money for food?				
English Instructions:	Collected on ho	usehold level.			
Code or Value	Descr	ription	Count	Cumulative	Skip to Item
1	Y	es	27	27	
2	Ν	lo	1116	1143	
7	Ref	used	0	1143	
9	Don't	know	0	1143	
	Mis	sing	9205	10348	

FSDHH	FSDHH		Target				
1.52111			B(0 Yrs. to 150 Yrs.)				
Hard Edit	S	SAS Label					
		-	Household food	security category			
English Text: House	hold food se	curity category for last	12 months				
English Instructions	Calculated	on household level.					
Code or Value	Description		Count	Cumulative	Skip to Item		
1	HH fu	HH full food security: 0		7223			
2	HH margin	HH marginal food security: 1-2		8268			
3	HH low food security: 3-5 / 3-7 (HH with child)		1347	9615			
4	HH very low food security: 6-10 / 8-18 (HH with child)		603	10218			
		Missing	130	10348			

FSDAD		Target				
			B(0 Yrs. to 150 Yrs.)			
Hard Edit	S	SAS Label				
			Adult food se	ecurity category		
English Text: Adult	food security	y 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		7307	7307		
2	AD marginal food security: 1-2		1182	8489		
3	AD low food security: 3-5		1206	9695		
4	AD very low food security: 6-10		523	10218		
		Missing	130	10348		

FSDCH	Target
1 SD CH	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	5475	5475	
2	CH reduced food quality or quantity: 1	536	6011	
3	CH reduced food quality and quantity: 2-4	935	6946	
4	CH severely reduced food quality and quantity: 5-8	128	7074	
	Missing	3274	10348	

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	841	841	
2	No	9375	10216	
7	Refused	7	10223	
9	Don't know	2	10225	
· .	Missing	123	10348	

FSDBOX6	Target			
FSDBOA0	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 FSQ170.

FSD401	FSD401		Та	rget	
			B(0 Yrs. t	o 150 Yrs.)	
Hard Edits			SAS	Label	
			Meal	size cut	
	English Text: In the last 30 days, {did you cut the size of (your/ child's name) meals/ was the size of your meals cut} because {there wasn't/ your family didnb TM t have} enough money for food?				
English Instructions:	Collected a	at individual level in	the MEC and ACA	ASI interview.	
Code or Value	I	Description	Count	Cumulative	Skip to Item
1		Often	81	81	
2		Sometimes	476	557	
3		Never	2106	2663	
7		Refused	2	2665	
9]	Don't know	18	2683	
•		Missing	7665	10348	

FSD411	FSD411		Target				
100411			B(0 Yrs. to 150 Yrs.)				
Hard Edits	6	SAS Label					
			Skippe	d meals			
 English Text: In the last 30 days, did {you/ child's NAME} skip {meals/ a meal} because {there wasn't/ y family didnB[™]t have} enough money for food? English Instructions: Collected at individual level in the MEC and ACASI interview. 				{there wasn't/ your			
Code or Value		Description	Count	Cumulative	Skip to Item		
1		Often	48	48			
2		Sometimes	290	338			
3		Never	2323	2661			
7		Refused	10	2671			

FSD421	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Ate less than should

12

7665

2683

10348

English Text: In the last the last 30 days, did {you/ child's name} eat less than you {felt/ thought} {you/she/he} should because {there wasnBT^Mt/your family didnBT^Mt have} enough money for food?

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

Don't know

Missing

9

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Code or Value	Description	Count	Cumulative	Skip to Item
1	Often	72	72	
2	Sometimes	402	474	
3	Never	2193	2667	
7	Refused	2	2669	
9	Don't know	14	2683	
	Missing	7665	10348	

FSD431	Target
102.01	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Hungry

English Text: In the last 30 days, {were you/ was child's name} hungry but {didn't eat because (you couldn't afford/ your family didnBT^Mt have) enough food/ you just couldn't afford more food}?

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

Code or Value	Description	Count	Cumulative	Skip to Item
1	Often	41	41	
2	Sometimes	224	265	
3	Never	2404	2669	
7	Refused	2	2671	
9	Don't know	12	2683	
	Missing	7665	10348	

FSO440	FSQ440		Та	rget	
			B(16 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label			
			Lost	weight	
English Text: In the la	ast 30 days,	did you lose weight	because you did n	ot have enough m	oney for food?
English Instructions: Collected at individual level in the MEC interview.					
Code or Value	Ι	Description	escription Count Cumulative Skip to Item		
1		Yes	73	73	
2		No	1212	1285	
7		Refused	4	1289	
9]	Don't know	35	1324	
		Missing	9024	10348	

FSD451	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Not eat whole day

English Text: In the last 30 days, did {you/ child's name} not eat for a whole day because {there wasn't/ your family didn't have} enough money for food?

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

Code or Value	Description	Count	Cumulative	Skip to Item
1	Ever	120	120	
2	Never	868	988	
7	Refused	1	989	
9	Don't know	3	992	
	Missing	9356	10348	

FS0170	FSQ170		Target			
150110			B(0 Yrs. t	o 150 Yrs.)		
Hard Edits	Hard Edits SAS Label					
			Fd Stmp HH - aut	horized last 12 mo	DS	
English Text: [In the last 12 months], were {you/you or any members of your household} authorized to rece 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	I				Skip to Item	
1		Yes	1844	1844		
2		No	8354	10198		
7		Refused	11	10209	FSQ162	
9]	Don't know	16	10225	FSQ162	
· ·		Missing	123	10348		

FSD170N	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Fd Stmp HH - No. people authorized			

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	10129	10129	
7	7 or more	68	10197	
	Missing	151	10348	

FSD180			Target				
150100	152100		B(0 Yrs. to 150 Yrs.)				
Hard Edits		SAS Label					
			Fd Stmp SP author	rized in last 12 m	DS		
English Text: In the la	ast 12 mont	nths, {were you/was SP} authorized to receive Food Stamps?					
English Instructions:	Collected a	ollected at individual level in the household interview.					
Code or Value	Ι	Description	Count	Cumulative	Skip to Item		
1		Yes	961	961	FSD190		
2		No	9236	10197	FSDBOX7		
7		Refused	0	10197	FSQ210		
9]	Don't know	1	10198	FSQ210		
		Missing	150	10348			

FSDBOX7	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	CHECK ITEM			
English Text: CHECK ITEM				
English Instructions: BOX 7. CHECK ITEM: IF FSQ170 = 2, GO TO FSQ162. OTHERWISE, GO TO FSQ210.				

FSD190		Target			
150170			B(0 Yrs. to	o 150 Yrs.)	
Hard Edits	5	SAS Label			
1 to 12		Fd Stmp SP mos authorized in last 12 mos			mos
English Text: In the last stamps?	English Text: In the last 12 months, about how many months {were you/was SP} authorized to receive Food Stamps?				zed to receive Food
English Instructions: Collected at individual level in the household interview.					
Code or Value	Ι	Description	Count	Cumulative	Skip to Item
2 to 12	Ra	nge of Values	872	872	

1	1 month or less	59	931	
77	Refused	1	932	
99	Don't know	6	938	
	Missing	9410	10348	

FSD200			Target				
150200	151/200		B(0 Yrs. to 150 Yrs.)				
Hard Edits			SAS	Label			
			Fd Stmp SP cur	rentlyauthorized			
English Text: {Are yo	ou/Is SP} no	ow authorized to rec	eive Food Stamps?				
English Instructions:	ructions: Collected at individual level in the household interview.						
Code or Value	Ι	Description	Count	Cumulative	Skip to Item		
1		Yes	802	802			
2		No	133	935			
7		Refused	0	935			
9]	Don't know	3	938			
		Missing	9410	10348			

FSQ210	FSO210		Ta	arget			
10210			B(0 Yrs. to 150 Yrs.)				
Hard Edits			SAS	Label			
			Fd Stmp HH amount last month				
English Text: How mu	ch did {yo	u/your household} 1	receive in food star	mps benefits last m	onth?		
English Instructions: Collected on household level. ENTER DOLLAR AMOUNT							
Code or Value	D	Description	Count	Cumulative	Skip to Item		
0 to 1000	Rar	nge of Values	1471	1471			
77777		Refused	8	1479			
99999	Ι	Don't know	25	1504			
-		Missing	8844	10348			

FSQ220	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Fd Stmp HH amount last time

English Text: How much did {you/your household} receive the last month anyone got food stamps benefits?

English Instructions: Collected on household level. ENTER DOLLAR AMOUNT

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 1000	Range of Values	326	326	
77777	Refused	2	328	
99999	Don't know	11	339	
	Missing	10009	10348	

FSQ162	Target			
152102	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	WIC HH got past 12 mos			
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	1997	1997	
2	No	6466	8463	
7	Refused	3	8466	
9	Don't know	5	8471	
	Missing	1877	10348	

FSD650	Target
	B(0 Yrs. to 5 Yrs.)
	F(12 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	WIC SP got past 12 mos

English Text: Did {you/SP} personally receive benefits from WIC, that is, the Women, Infants, and Children Program, in the past 12 months?

English Instructions: F(12 Yrs. - 150 Yrs.): collected at individual level in the MEC interview. B(0 Yrs. - 5 Yrs.): collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1249	1249	
2	No	1176	2425	End of Section
7	Refused	0	2425	End of Section
9	Don't know	1	2426	End of Section
	Missing	7922	10348	

	Target		
FSD660	B(0 Yrs. to 4 Yrs.)		
	F(12 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	WIC SP currently get		

English Text: {Are you/is SP} now receiving benefits from the WIC Program?

English Instructions: F(12 Yrs. - 150 Yrs.): collected at individual level in the MEC interview. B(0 Yrs. - 4 Yrs.): collected at individual level in the household interview.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1012	1012	
2	No	173	1185	
7	Refused	0	1185	
9	Don't know	0	1185	
	Missing	9163	10348	

	Target	
FSD670	B(0 Yrs. to 4 Yrs.)	
	F(12 Yrs. to 150 Yrs.)	
Hard Edits	SAS Label	
	WIC SP No. mos received	

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

English Instructions: F(12 Yrs. - 150 Yrs.): collected at individual level in the MEC interview. B(0 Yrs. - 4 Yrs.): 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 216	Range of Values	1179	1179	
	Missing	9169	10348	