Economic Research Service

November 2016

# National Household Food Acquisition and Purchase Survey (FoodAPS)

## Codebook: FoodAPS Individual Public Use File faps\_individual\_puf

The OMB clearance number for FoodAPS is 0536-0068. The data were collected by the U.S. Department of Agriculture under authority of U.S.C, Title 7, Section 2026 (a)(1).

Further information about the entire data collection, including instructions on how to request access to the data, may be found at <a href="http://www.ers.usda.gov/foodaps">http://www.ers.usda.gov/foodaps</a>.

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#### 1. Introduction

This codebook provides details on the individual-level variables collected through interview instruments in the National Household Food Acquisition and Purchase Survey (FoodAPS). Users should first read the *User's Guide to Survey Design, Data Collection, and Overview of Datasets* for information about the survey design and sample, survey instruments and data collection, and analytic notes. This codebook provides an overview of the structure of the individual interview public use file (PUF), describes important aspects of how the raw data were processed, and documents each variable on the PUF.

#### 2. Description of Data

#### 2.1. Data Contents

The data file **faps\_individual\_puf** contains one record for each of the 14,317 individuals in the 4,826 households that participated in the data collection. FoodAPS households are uniquely identified by the variable HHNUM. Within each household, individuals are identified by PNUM. Together, HHNUM and PNUM uniquely identify an individual.

Variables are grouped by section (see section 3 for a complete list of the variables and section 4 for detailed codebook entries for each variable):

- Identifying and Administrative Variables
- Survey Design Variables
- Household Roster, Demographic, and Employment Variables
- School Attendance and Nutrition Programs
- Dinners Out, Diet Restrictions, and Food Allergies
- Health Status and Body Measures
- Individual Income
- Home Tenure and Birth Location

#### 2.2. Summary of Data Collection

A screening interview determined whether the household at a sampled residence was eligible to participate in FoodAPS. If eligible, the screener identified the main food shopper or meal planner in the household and invited him or her to participate. If the person agreed to participate, he or she became the household's primary respondent (PR).

Individual-level information was collected through two computer-assisted inperson interviews (CAPI). The initial interview was conducted after the household was
deemed eligible for the survey and before acquisition information was collected. The
final interview was conducted upon the conclusion of the acquisition data collection
week. The primary respondent was asked to respond to both the initial and final
interviews, providing both household- and individual-level information for all household
members. Copies of all data collection instruments are posted in the FoodAPS section
of the ERS website at <a href="http://www.ers.usda.gov/foodaps">http://www.ers.usda.gov/foodaps</a>.

#### 2.3. Summary of Data Processing

The individual data file (faps\_individual\_puf) contains individual-level variables collected in both the initial and final survey interviews. In some cases, post-processing was performed to construct other variables using responses from a number of survey questions. The following subsections describe how these additional variables were constructed and provide users with additional variable-specific information necessary for analysis. See the variable-by-variable descriptions (section 4) for details on each variable in the dataset.

#### 2.3.1. Household Membership and Guest Status

The initial interview asked a series of questions (A1a–A3c3) about the living arrangements and presence in the household of each individual listed by the primary respondent. The goal was to identify household members and guests who would be in the home during the survey week. This information has been summarized in the GUEST variable. Individuals who are included in the PR's family unit (based on relationship to the PR) are indicated by the variable FAMMEMBER (=1).

#### 2.3.2. Age

Age group (variable name: AGE\_R) is missing for two individuals. For 24 individuals the age group was imputed, since the person's status as an adult could be inferred from their relationship with the primary respondent, marital status, ages of other individuals in the household, or employment status. AGE\_R\_FLAG indicates how the age group was imputed when age was missing. All individuals with a reported age have a "0" value for AGE\_R\_FLAG, as no imputation was necessary to classify them into age groups.

#### 2.3.3. Race and Ethnicity

Following the Office of Management and Budget standards for collecting race information, respondents were allowed to report being of one or more racial groups (White; Black or African American; American Indian or Alaska Native; Asian; Native Hawaiian or Other Pacific Islander; and/or Other). When the respondent reported an individual as being in an "Other" racial group, the respondent was then asked to specify and the response was recorded.

ERS constructed RACECAT\_R as a summary measure of the multiple responses to the race category questions. For example, if an individual was reported to be of two racial groups (Black and American Indian or Alaska Native), they are classified as being of multiple races (RACECAT\_R=6). Or, if they selected one race from the categories but also indicated "Other" and the specifying response indicated one of the other possible race categories, then the individual was also classified as being of multiple races.

Nationalities (such as Irish, Colombian) were not used in constructing RACECAT\_R.

#### 2.3.4. Body Measures

Primary respondents were asked to report the height and weight of each individual in the household. If respondents were reluctant to tell the interviewer their weights, they were allowed to enter this information directly using the CAPI laptop. Height and weight could be provided in English or metric units at the respondent's discretion. For height,

both feet and inches (or meters and centimeters) could be reported. A single measure for height and a single measure for weight synthesize all of the information reported about individual heights and weights.

Reported height and weight have been used to compute the Body Mass Index (BMI) for individuals 2 years old (24 months) or older. BMICAT was constructed to classify individuals (not overweight, overweight, or obese) based on the calculated BMI. When height was reported and the respondent either refused to provide an individual's weight or did not know the weight, the value for BMICAT was determined by asking whether the individual's weight exceeded or fell below weight thresholds based on reported height.

For children between 2 and 18 years old, BMIPCT was calculated using age in months and Centers for Disease Control and Prevention (CDC) 2000 child growth charts. The program provided by the CDC also flags children with biologically implausible values of BMI (BIVBMI\_FLAG).

#### 2.3.5. Imposed Consistency on Member Data

The interviews included a number of questions that first asked the primary respondent whether anyone in the household had a particular characteristic and then followed up with identifying who in the household met the condition. If the household response was no, the member-level question was skipped. To provide comprehensive member-level information, when the household-level stem question is "no," the applicable member-level question is coded as "no." This applies to:

- Do you consider any members of your household to be vegetarian? (C1)
- [Are you/Is anyone in your household] lactose intolerant? (C2)
- [Do you/Does anyone in your household] have any food allergies? (C3)
- [Are you/Is anyone in your household] on any kind of diet, either to lose weight or for some other health-related reason? (C4)
- [Do you/does anyone who lives here] smoke cigarettes, cigars, or pipes, or chews tobacco? (D2)

#### 2.3.6. Income

The primary source of information on income in FoodAPS is the final interview. Income information was collected for individuals known to be age 16 or older, or whose age was not reported, for six main categories:

- 1. Earnings from work (WAGES)
- 2. Unemployment Insurance benefits (UNEMPINS)
- 3. Welfare, child support, and alimony (WCSA)
- 4. Retirement and Disability (RETDIS)
- Investment income (INVEST)
- 6. Other income (OTHINC)

All income information was reported at the individual level by the household's primary respondent, although he or she may have been aided by using the Income Worksheet given to the household at the end of the initial interview. Monthly amounts are calculated using the amount and frequency information reported as follows:

- If frequency=one per month, then monthly amount=amount\*1.0
- If frequency=twice per month, then monthly amount=amount\*2.0
- If frequency=once every other week, then monthly amount=amount\*(26/12)
- If frequency=once per week, then monthly amount=amount\*(52/12)
- If frequency=once per year, then monthly amount=amount/12
- If frequency="Don't Know" or "Refused," then monthly is assumed

When reporting earnings, individuals could indicate that they were providing income after taxes (net earnings) or income before taxes (gross income). The goal of the survey was to collect gross earnings, so when net earnings were reported, the monthly amount is multiplied by 1.4 to obtain gross income. If the reported amount is "Don't Know" or "Refused," then the summary has the same missing value code indicating "Don't Know" or "Refused."

At the end of the income question series for each individual, the interviewer reviewed the information with the respondent and asked if any income sources from last month had been overlooked. If so, the interviewer asked about the amount and major

income category. Frequency of receipt was not asked about "remembered income." Like the other questions about income, the lead-in question (F8) asked about income "last month." Absent further information on frequency of receipt, all remembered income has been treated as monthly income. This "remembered" income has been added to the individual-level monthly total for each of the six categories of income, according to which source the remembered income was from.

When an individual reported income from a particular source as unknown or refused to report income, the contractor (Mathematica) imputed monthly income from this source for this person five times. A set of individual summary measures of income takes the average of these five imputations to fill in missing values for the individual, and corresponding flag variables (INC\*INDAVG\_FLAG) indicate when the value reflects imputations. Due to confidentiality concerns, the detailed income amount was not included in the PUF. Instead, a set of binary indicators (INC\*INDAVG\_R) were derived based on the reported and imputed income values to indicate whether an individual had a type of income or not.

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#### 2.4. Summary of Known Data Anomalies

#### 2.4.1. WIC Variables

There may be inconsistencies in the individuals identified receiving WIC (WICIND) and the type of WIC package individuals receive (WICTYPE). For example, a woman may indicate that she receives WIC and that she receives it for herself and a child, but did not indicate that her child received WIC.

A CAPI error resulted in 42 people not being asked how long they have received WIC. This is noted in the variable-level entry as well. Time on WIC is long for a few individuals—12 or more years. Perhaps the time unit was recorded or reported incorrectly, but no edits to the reported data have been made.

#### 2.4.2. School Meal Costs

There are cases of children in the same household reporting different costs of school meals, and even some children with different costs for school breakfasts and lunches. No attempt to edit this information has been made. It is possible that children who

attend different schools have access to different levels of subsidies. For example, one child may attend a school that offers universal free breakfast and lunch, while another child in the household attends a different school that does not offer free meals to all students, and the student is only eligible for reduced-price or full-priced meals. Moreover, we do not know how eligibility for school meals was determined.

#### 2.4.3. Home Tenure and Birth Location

Some variables in this section have responses that do not follow the prescribed skip pattern or Universe statements.

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## 4. Variable-by-Variable Descriptions

## 4.1 Identifying and Administrative Variables

## **HHNUM**

Variable: HHNUM	Definition: 6-digit unique identifier for household	Type: Numeric
	14,317 responses with 4,826 unique values. Individual shown.	dual responses not

#### **PNUM**

Variable: PNUM	Definition househousehousehousehousehousehousehouse	on: Individ old	Type: Numeric				
	Note: Ur	Note: Unique individuals identified by HHNUM and PNUM					
	Value	Count	Value description	1			
	1	4,826	33.71	Person number 1			
	2	3,822	26.7	Person number 2			
	3	3 2,486 17.36 Person number 3					
	4	1,609	11.24	Person number 4			
	5	840	5.87	Person number 5			
	6	389	2.72	Person number 6			
	7	184	1.29	Person number 7			
	8	84	0.59	Person number 8			
	9	41	0.29	Person number 9			
	10	20	0.14	Person number 10			
	11	9	0.06	Person number 11			
	12	4	0.03	Person number 12			
	13	2	0.01	Person number 13			
	14	1	0.01	Person number 14			

#### INITINTRVMON

Variable: INITINTRVMON	Definition: Month of the initial interview			Type: Numeric	
	Value	Count	Percent	Value description	า
	1	190	1.33	January	
	4	232	1.62	April	
	5	1,900	13.27	May	
	6	1,818	12.70	June	
	7	1,813	12.66	July	
	8	2,535	17.71	August	
	9	1,841	12.86	September	
	10	2,205	15.40	October	
	11	1,365	9.53	November	
	12	418	2.92	December	

#### **INITFINALDAYS**

Variable: INITFINALDAYS	Definition: Ela final interview	and Type	Type: Numeric			
	N	Min	Max	Mean	#Missing (.)	
	14,317	14,317 6 167 9.9				

## 4.2. Survey Design Variables

#### **TSSTRATA**

Variable:	Definition: Strata for Taylor serie	es estimation	Type: Numeric
TSSTRATA			
	Range: 1-25		
	Unique values: 25		
	Missing observations (.):		

#### **TSPSU**

Variable: TSPSU	Definition: Psuedo psu (clusto series estimation	Type: Numeric	
	Range:	Range: 1-58	
	Unique values: 57		
	Missing observations (.):		

#### HHWGT

Variable: HHWGT	Definition: Final household weig	Type: Numeric		
	Range: 836.02894 – 310 Unique values: 4,658		10,558.35	
	Missing observations (.):	0		

## 4.3. Household Roster, Demographic, and Employment Variables

## GUEST

Variable: GUEST	Definition guest	on: Indica	Type: Numeric		
	Value	Count	Percent	Value description	
	0	14,211	99.26	No	
	1	106	0.74	Yes	

#### **FAMMEMBER**

Variable: FAMMEMBER	Definition: Individual is a member of the primary respondent's family (y/n)				Type: Numeric
	Note: Identifies individuals that are part of the PR's family who calculating family poverty guideline and threshold and when calculating total family income.				
	Value	Count	Percent	Value description	ı
	0	0 1,115 7.79 Not in PR's family			
	1	1 13,202 92.21 Part of PR's family			

#### SEX

Variable: SEX	Definition	on: Individ	=male, 2=female)	Type: Numeric			
Initial Interview, question A4	Value	Value Count Percent Value description					
	1	6,795	47.46	Male			
	2	7,521	52.53	Female			
	-998	1	0.01	Refused			

## RELATION\_R

Variable: RELATION_R	Definition: Individual's relationship to primary Type: Numeric respondent (recoded)							
	Value	Count	Percent	Value description				
	0	4,826	33.71	Respondent				
	1	2,027	14.16	Spouse				
	2	505	3.53	Unmarried partner				
	3	4,798	33.51	Child/stepchild/adopted child				
	4	459	3.21	Grandchild				
	5	407	2.84	Parent				
	6	303	2.12	Brother/sister				
	7	464	3.24	Other relative (e.g. uncle, cousin, in-law)				
	8	526	3.67	Other members				
	-998	2	0.01	Refused				

## AGE\_R

Variable: AGE_R		n: Appro al's age ເ	idpoint of	Type: Numeric	
	Value	Count	Percent	Value description	
	0	194	1.36	0 year	
	1	249	1.74	1 year	
	2	268	1.87	2 years	
	3	281	1.96	3 years	
	4	274	1.91	4 years	
	5	287	2	5 years	
	6.5	479	3.35	6 to 7 years	
	9.5	970	6.78	8 to 11 years	
	13.5	927	6.47	12 to 15 years	
	16.5	468	3.27	16 to 17 years	
	18	207	1.45	18 years	
	19	211	1.47	19 years	
	27.5	3,485	24.34	20 to 35 years	
	40	24	0.17	Age imputed as "adu	lt"
	47.5	4,084	28.53	36 to 59 years	
	62.5	751	5.25	60 to 65 years	
	68	447	3.12	66 to 70 years	
	85	709	4.95	71 years or greater	
	-997	2	0.01	Don't know	

#### AGE\_R\_FLAG

Variable: AGE_R_FLAG	Definition age mis	on: Metho sing	Type: Numeric				
	Value	Count	Percent	Value description			
	0	14,291	99.82	No AGE_R imputation			
	1	17	0.12	ADULT imputed from RELATION_R			
	2	4	0.03	ADULT imputed from	n EDUCCAT		
	3	2	0.01	ADULT imputed from	n EMPLOYMENT		
	4	1	0.01	ADULT imputed from	ANYINCOMEIND		
	5	2	0.01	Could not impute			

#### **HISPANIC**

Variable: HISPANIC		on: RECO c 1=yes, (	s individual	Type: Numeric				
	Note: Incorporates information reported in HISPGROUP and RACEOTHERSP							
	Value Count Percent Value description							
	0	10,613	74.13	Not Hispanic				
	1	3,689	25.77	Hispanic				
	-997	1	0.01	Don't know				
	-998	14	0.1	Refused				

#### RACECAT R

Variable: RACECAT_R		Definition: Racial category of individual Type: Numeric (recoded)						
	Valu e	Count	Percent	Value description				
	1	9,549	66.70	White				
	2	2,168	15.14	Black				
	3	150	1.05	American Indian or Alasl	ka Native			
	4	592	4.13	Asian or Native Hawaiian Islander	n or Other Pacific			
	5	1,488	10.39	Other race				
	6	346	2.42	Multiple race				
	-998	24	0.17	Refused				

#### **EDUCCAT**

Variable: EDUCCAT	complet	on: Individ ed educa e: AGE_R	Type: Numeric				
	Value	Count	Percent	Value description			
	1	1,488	10.39	10th grade or less			
	2	909	6.35	11th or 12th grade, no diploma			
	3	3,222	22.50	H.S. diploma, GED or equivalent			
	4	2,846	19.88	Some college or as	ssociate's degree		
	5	1,257	8.78	Bachelor's degree			
	6	605	4.23	Master's degree ar	nd above		
	-997	47	0.33	Don't know			
	-998	14	0.10	Refused			
	-996	3,929	27.44	Valid skip			

#### **MARITAL**

Variable: MARITAL		on: Individ e: AGE_R		Type: Numeric	
Initial Interview, question A11	Value	Value Count Percent Value description			
	1	4,383	30.61	Married	
	2	533	3.72	Widowed	
	3	1,334	9.32	Divorced	
	4	363	2.54	Separated	
	5	3,756	26.23	Never married	
	-997	7	0.05	Don't know	
	-998	12	0.08	Refused	
	-996	3,929	27.44	Valid skip	

#### **SPOUSEHHMEM**

Variable: SPOUSEHHMEM	of the h	on: Respo ousehold e: MARIT	Type: Numeric				
Initial Interview, question A11b	Value	Count	Percent	Value description			
	0	170	1.19	No			
	1	4,213	29.43	Yes			
	-996	9,934	69.39	Valid skip			

#### **EMPLOYMENT**

Variable: EMPLOYMENT	week	on: Indivio	yment status last Type: Numeric or -997			
	Value	Value Count Percent Value description				
	1	5,174	36.14	Working at a job or business		
	2	208	1.45	With a job or business but not at work		
	3	829	5.79	Looking for work		
	4	59	0.41	Worked, but looking for a job		
	5	4,107	28.69	Not working at a job or business		
	-998	11	0.08	Refused		
	-996	3,929	27.44	Valid skip		

#### **WORKCOMMUTETIME** R

Variable: WORKCOMMUTETIME_R	home to	Definition: Usual minutes to commute from home to work (top-coded) Universe: EMPLOYMENT=1, 2						
Initial Interview		Note: This variable combines information collected in the C12a question series in the interview.						C12a
	Value	Value Count Percent Value descrip			cription			
		1:	31	0.91	Missing but applicable			
	-997	•	49	0.34	4 Don't know			
	-998		8	0.06	Refused	Refused		
	-996	-996 8,851 61.82 Valid skip						
		N		Min	Max	M	ean	#Missing (.)
		5,278		0	120	20.23	210	9,039

#### **REASONNOWORK**

Variable: REASONNOWORK	work las		idual did not 3, 5	Type: Numeric		
Initial Interview, question A12b	Value	Count	Percent	Value description	า	
	1	781	5.46	Taking care of house or family		
	2	826	5.77	Going to school		
	3	1,211	8.46	Retired		
	4	282	1.97	Unable to work for	health reasons	
	5	758	5.29	Disabled		
	6	844	5.9	On layoff/unemploy	yed	
	7	169	1.18	On vacation		
	9	272	1.9	Other		
	-998	1	0.01	Refused		
	-996	9,173	64.07	Valid skip		

#### WORKGETFOOD

Variable: WORKGETFOOD	usually Univers	on: When gets food e: EMPLO NNOWOR	Type: Numeric			
Initial Interview, question A12c	Value	Count	Percent	Value description		
	1	687	4.8	Workplace—purchase		
	2	468	3.27	Workplace—free		
	3	1,126	7.86	Purchase from stor	e or restaurant	
	4	2,832	19.78	Bring food from ho	me	
	5	400	2.79	Do not eat at work		
	-997	12	0.08	Don't know		
	-996	8,792	61.41	Valid skip		

## 4.4. School Attendance and Nutrition Programs

## SCHLEVEL\_R

Variable: SCHLEVEL_R	Definition: Level of school that student attends, or reason not attending (recoded)  Universe: AGE_R=4 to 13.5; or AGE_R=16.5 to 19, -998, -997 and EDUCCAT=1,2									
Initial Interview	Note: This va	ariable wa	s constructe	d from survey questions B5 and B5a						
	Value	Count	Percent	Value description						
	1	251	1.75	Kindergarten						
	2	954	6.66	Elementary school						
	3	103	0.72	Primary school						
	4	543	3.79	Middle school or junior high						
	5	699	4.88	High school						
	6	37	0.26	Some other school						
	7	117	0.82	On school break						
	8	464	3.24	Summer vacation						
	9	23	0.16	Home-schooled						
	10	71	0.50	Dropped out, disabled, or other reason not in school						
	11	251	1.75	Not old enough						
	-996	10,804	75.46	Valid skip						

#### **SCHTYPE**

Variable: SCHTYPE	charter,	on: Indivi , or other se: SCHLE	Type: Numeric		
Initial Interview, question B5b	Value	Count	Percent	Value description	ı
	1	2,290	15.99	Public school	
	2	142	0.99	Private school	
	3	73	0.51	Charter school	
	4	45	0.31	Other school type	
	-996	11,767	82.19	Valid skip	

#### **SCHOPEN**

Variable: SCHOPEN	on brea		Type: Numeric			
Initial Interview, question B6	Value	Count	Percent	Value description		
	1	1,997	13.95	In session		
	2	993	6.94	Summer break		
	3	177	1.24	Other break or vac	ation	
	-997	1	0.01	Don't know		
	-996	11,149	77.87	Valid skip		

#### **SCHBREAKSTARTMO**

Variable: SCHBREAKSTARTMO		on: Month e: SCHOF	reak start	Type: Numeric		
Initial Interview, question B6a	Value	Count	Percent	Value description		
	1	1	0.01	January		
	3	1	0.01	March		
	5	421	2.94	May		
	6	654	4.57	June		
	7	16	0.11	July		
	8	1	0.01	August		
	10	8	0.06	October		
	11	36	0.25	November		
	12	17	0.12	December		
	-997	15	0.1	Don't know		
	-996	13,147	91.83	Valid skip		

#### **SCHBREAKSTARTDY**

Variable: SCHBREAKSTARTDY		on: Day o se: SCHO	Ту	pe: Numeric		
Initial Interview, question B6a	-997	33	0.23	Don't know		
	-998	-998 1 0.01 Refused				
	-996	13,147	91.83	Valid skip		
		N	Min	Max	Mea	an
		1,136	1	31	15.9815	51

#### **SCHBREAKSTARTYR**

Variable: SCHBREAKSTARTYR		on: Year o e: SCHOF	Type: Numeric		
	Value Count Percent Value description				1
	2012	1,154	8.06		
	2013	1	0.01		
	-997	15	0.01	Don't know	
	-996	13,147	91.83	Valid skip	

#### **SCHBREAKENDMO**

Variable: SCHBREAKENDMO		on: Month e: SCHOF	reak end	Type: Numeric		
Initial Interview, question B6a	Value	Count	Percent	Value description		
	1	16	0.11	January		
	5	3	0.02	May		
	6	3	0.02	June		
	7	7	0.05	July		
	8	750	5.24	August		
	9	329	2.3	September		
	10	8	0.06	October		
	11	34	0.24	November		
	12	4	0.03	December		
	-997	16	0.11	Don't know		
	-996	13,147	91.83	Valid skip		

#### **SCHBREAKENDDY**

Variable: SCHBREAKENDDY	Definition Univers	on: Day se: SCHO	Туре	: Numeric			
Initial Interview, question B6a	-997	-997 66 0.46 Don't know			N		
	-998	•	0.0	1 Refused			
	-996	13,147	91.8	3 Valid skip			
		N	Min	Max	Mean		
		1,103	1	31	15.32729		

#### **SCHBREAKENDYR**

Variable: SCHBREAKENDYR		on: Year o e: SCHOF	Type: Numeric		
	Value Count Percent Value description				1
	2012	1,138	7.95		
	2013	16	0.11		
	-997	16	0.11	Don't know	
	-996	13,147	91.83	Valid skip	

#### SCHBREAK\_FLAG

Variable: SCHBREAK_FLAG	Definition: FLAG-Type of edit for school break Type: Numeric dates					
	Value	Count	Percent	Value description		
	1	23	0.16	Start=end, edited start or end mo	)	
	2	4	0.03	Start=end, edited end mo & day		
	3	1	0.01	Start=end, edited all dates		
	4	2	0.01	Reversed end mo & end day		
	5	4	0.03	Reversed start and end dates		
	6	1	0.01	Revised all dates		
	7	5	0.03	Out-of-range, revised one data fi	eld	
	8	2	0.01	Removed school break		
		14,275	99.71	No edit or no school break		

#### **SCHLUNCH**

Variable: SCHLUNCH	school	on: Child's lunch e: SCHLE	Type: Numeric		
Initial Interview, question B7	Value	Count	Percent	Value description	1
	0	199	1.39	No	
	1	2,957	20.65	Yes	
	-997	11	0.08	Don't know	
	-998	1	0.01	Refused	
	-996	11,149	77.87	Valid skip	

#### **SCHLUNCHDAYS**

Variable: SCHLUNCHDAYS	complet	on: Numbe te school e: SCHLU	Type: Numeric		
Initial Interview, question B7a	Value	Count	Percent	Value description	ı
	0	330	2.3		
	1	107	0.75		
	2	62	0.43		
	3	118	0.82		
	4	84	0.59		
	5	2,244	15.67		
	-997	12			
	-996	11,360	79.35	Valid skip	

#### **SCHLUNCHCOST**

Variable: SCHLUNCHCOST	reduced Univers	on: Child's I price, or e: SCHLU NCHDAYS	Type: Numeric		
Initial Interview, question B7b	Value	Count	Percent	Value description	1
	1	1,805	12.61	Free	
	2	269	1.88	Reduced price	
	3	528	3.69	Full price	
	-997	25	0.17	Don't know	
	-996	11,690	81.65	Valid skip	

#### SCHBRKFSTRECVD

CONDICINI CITICECTE							
Variable: SCHBRKFSTRECVD	breakfa Universilevel res	on: Indica st at scho se: SCHLE sponse to ves break	Type: Numeric				
Initial Interview, question B8a	Note: This variable combines responses to questions B8, B8a, and B8a1						
	Value	Count	Percent	t Value description			
	0	202	1.41	Child's school does not serve breakfast			
	1	2,326	16.25	Child receives breakfast at school			
	-996	11,789	82.34	Valid skip			

#### **SCHBRKFSTDAYS**

Variable: SCHBRKFSTDAYS	complet	on: Numb te breakfa e: SCHBF	Type: Numeric		
Initial Interview, question B8b	Value	Count	Percent	Value description	1
	0	801	5.59		
	1	70	0.49		
	2	98	0.68		
	3	124	0.87		
	4	44	0.31		
	5	1,171	8.18		
	-997	18	0.13	Don't know	
	-996	11,991	83.75	Valid skip	

#### **SCHBRKFSTCOST**

Variable: SCHBRKFSTCOST	at a red Univers	on: Child' uced pric e: SCHBF KFSTDAY	Type: Numeric		
Initial Interview, question B8c	Value	Count	Percent	Value description	1
	1	1,279	8.93	Free	
	2	110	0.77	Reduced price	
	3	129	0.9	Full price	
	-997	7	0.05	Don't know	
	-996	12,792	89.35	Valid skip	

#### **AFTERSCHOOLCARE**

Variable: AFTERSCHOOLCARE	after sc	on: Where hool e: SCHLE	Type: Numeric		
Initial Interview, question B9	Value	Count	Percent	Value description	1
	1	2,570	17.95	Respondent's home or another home, w/ adult there	
	2	118	0.82	Respondent's or another home, w/o adult there	
	3	27	0.19	Park or recreation	program
	4	18	0.13	Community or chur	ch group
	5	281	1.96	After-school progra	m at school
	6	26	0.18	At school for tutoring	ng or special class
	7	125	0.87	Some other place	
	-997	3	0.02	Don't know	
	-996	11,149	77.87	Valid skip	

#### **AFTERSCHOOLSNACK**

Variable: AFTERSCHOOLSNACK	school	on: Child ( program ( e: AFTER	Type: Numeric		
Initial Interview, question B9a	Value	Count	Percent	Value description	ı
	0	187	1.31	No	
	1	164	1.15	Yes	
	-997	1	0.01	Don't know	
	-996	13,965	97.54	Valid skip	

#### **SUMMERPGMMEAL**

Variable: SUMMERPGMMEAL	summe	on: Child r r program e: SCHOP	Type: Numeric			
Initial Interview, question B10	Value	Value Count Percent Value description				
	1	155	1.08	Yes, gets free meal		
	2	41	0.29	No, gets food but it's not free		
	3	99	0.69	No, does not get for	ood	
	4	695	4.85	Does not attend a	summer program	
	-997	2	0.01	1 Don't know		
	-998	1	0.01	Refused		
	-996	13,324	93.06	Valid skip		

#### CHILDCARE\_R

Variable: CHILDCARE_R	Head St Univers	on: Child tart, or da e: (AGE_ VEL_R=1,	Type: Numeric				
Initial Interview	Note: Th	Note: This variable was constructed from survey question B11					
	Value	Value Count Percent Value description			า		
	0	921	6.43	No			
	1	290	2.03	Yes			
	-997	2	0.01	Don't know			
	-996	13,104	91.53	Valid skip			

#### CHILDCAREMEAL

Variable: CHILDCAREMEAL	Definition: Number of meals/week child usually receives from child care provider Universe: CHILDCARE_R =1					
Initial Interview, question B11a	Value	Count	Percent	Value description	1	
	0	72	0.50			
	1	4	0.03			
	2	14	0.10			
	3	15	0.10			
	4	12	0.08			
	5	60	0.42			
	6	6	0.04			
	7	2	0.01			
	8	8	0.06			
	10	81	0.57			
	15	10	0.07			
	16	1	0.01			
	21	2	0.01			
	-997	3	0.02	Don't know		
	-996	14,027	97.97	Valid skip		

#### **CHILDCARESNACK**

Variable: CHILDCARESNACK	Definition usually Univers	Type: Numeric			
Initial Interview, question B11b	Value	Count	Percent	Value description	1
	0	51	0.36		
	1	11	0.08		
	2	23	0.16		
	3	15	0.10		
	4	14	0.10		
	5	120	0.84		
	6	4	0.03		
	7	2	0.01		
	8	3	0.02		
	10	36	0.25		
	12	1	0.01		
	15	6	0.04		
	-997	4	0.03	Don't know	
	-996	14,027	97.97	Valid skip	

#### **BREASTFEEDING**

Variable: BREASTFEEDING	breastfe	on: Infant eeding (Y/ e: AGE_R	Type: Numeric		
Initial Interview, question B13	Value	Count	Percent	Value description	1
	0	614	4.29	No	
	1	97	0.68	Yes	
	-996	13,606	95.03	Valid skip	

#### **WICIND**

Variable: WICIND	WIC bei	on: Individ nefits e: WICHH	Type: Numeric		
Initial Interview, question B14a	Value	1			
	0	594			
	1	669			
	-998	5	0.03	Refused	
	-996	13,049	91.14	Valid skip	

#### **WICTYPE**

Variable: WICTYPE	child(re Univers	on: WIC b n), or wor e: SEX=2 only avai ual file)	Type: Numeric					
Initial Interview, question 14b	Value	Count	Percent	Value description				
	1	43	0.30	Woman				
	2	48	0.34	Child(ren)				
	3	86	0.60	Woman and child(ren)				
	-997	1	0.01	Don't know				
	-996	14,139	-996 14,139 98.76 Valid skip					

#### **WICTIME**

Variable: WICTIME  Initial Interview, question B14c	WICTIN Univers Note: An correcte	Definition: Time received WIC (see WICTIMEUNIT) Universe: WICIND=1  Note: An error was identified in the skip pattern for this item and vicorrected in mid-May of the field period. The error resulted in loss data for 42 persons with data "missing but applicable."						
	Value Count Percent Value description  42 Missing but applicable.  Value Count Percent 0.29 Missing but applicable (CAPI erro							
	-997	8		0.06	Don't k	know		
	-996	13,648 <b>N</b> 19	<b>Min</b> 1	M	Valid s <b>ax</b> 36	<b>Mean</b> 10.22617	<b>#Missing (.)</b> 13,698	

#### **WICTIMEUNIT**

Variable: WICTIMEUNIT		on: Units te: WICINI	eived WIC	Type: Numeric					
Initial Interview, question B14c	correcte	Note: An error was identified in the skip pattern for this item and was corrected in mid-May of the field period. The error resulted in loss of data for 42 persons with data "missing but applicable."							
	Value	Count	า						
	1	450	3.14	Months					
	2	169	1.18	Years					
	. 42 0.29 Missing but applicable (CAPI er								
	-997 8 0.06 Don't know								
	-996	13,648	95.33	Valid skip					

## 4.5. Dinners Out, Diet Restrictions, and Food Allergies

#### **NDINNERSOUT**

Variable: NDINNERSOUT	Definition: Usual times/week individual eats dinner out Type: Numeric							
Initial Interview, question C13	Value	Count	Percent	Value description	1			
	0	5,183	36.2					
	1	4,093	28.59					
	2	2,400	16.76					
	3	1,309	9.14					
	4	562	3.93					
	5	408	2.85					
	6	106	0.74					
	7	166	1.16					
	-997	80	0.56	Don't know				
	-998	10	0.07	Refused				

#### **VEGETARIAN**

Variable:	Definition	on: Indivi	Type: Numeric				
VEGETARIAN							
Final Interview, question C1a	Value	Count	1				
	0	13,976	97.62	No			
	1	341	2.38	Yes			

#### **LACTOSEINTOL**

Variable: LACTOSEINTOL	Definiti	Definition: Individual is lactose intolerant Typ						
Final Interview, question C2a	Value	Value Count Percent Value description						
	0	13,158						
	1	1,135	7.93	Yes				
	-997	21	0.15	Don't know				
	-998	3	0.02	Refused				

## FOODALLERGY

Variable: FOODALLERGY	Definition	on: Individ	Type: Numeric				
Final Interview, question C3a	Value Count Percent Value description						
	0	13,363	93.34	No			
	1	941	6.57	Yes			
	-997 13 0.09 Don't know						

#### **DIETING**

Variable: DIETING	Definition	on: Individ	Type: Numeric		
Final Interview, question C4a	Value	Count	ı		
	0				
	1	1,853	12.94	Yes	

## 4.6. Health Status and Body Measures

#### **HEALTHSTATUS**

Variable: HEALTHSTATUS	Definiti general	-	ng of individual's	Type: Numeric	
Final Interview, question D1	Value	Count	Percent	Value description	1
	1	2,676	18.69	Excellent	
	2	3,720	25.98	Very good	
	3	5,322	37.17	Good	
	4	2,114	14.77	Fair	
	5	473	3.30	Poor	
	-997	5	0.03	Don't know	
	-998	7	0.05	Refused	

#### **TOBACCO**

Variable: TOBACCO		Definition: Individual smokes or chews tobacco  Type: Numeric							
Final Interview, question D2a	Value	Value Count Percent Value description							
	0	11,657							
	1	2,654	18.54	Yes					
	-997	5	0.03	Don't know					
	-998	1	0.01	Refused					

#### BMI

Variable: BMI	Definiti Index Univers		Туре	: Numeric					
	Note: B	MI is ca	ight (in)]	^2 x 7	03.				
	Value	Value Count Percent Value descriptio						on	
		. 680		4.7	5 Missing (ei both missir	Missing (either height or weight, or both missing)			
	-994		9	0.0	6 Error	Error			
	-996	458		3.2	0 Valid skip				
		N		Min	Max	ı	Vlean	#Missing (.)	
		13,170		0.81	183.07	26.1	3896	1,147	

#### **BMIPCT**

Variable: BMIPCT	individ	ual		or-age per R=2-18 yrs		entile of		Type	: Numeric
	Note: Se	e BMIC	AT	_FLAG for	re	easons why	BMIPCT	is mi	ssing
	Value	Value Count Percent Value description					cription		
		3	75	2.6	52	Missing			
	-994		1	0.0	)1	Error			
	-996	-996 10,378 72.49 Valid skip							
		N		Min		Max	N	lean	#Missing (.)
		3,563		0		100	65.13	3768	10,754

#### **BMICAT**

Variable: BMICAT	on BMI	on: Individ measure e: BMICA	Type: Numeric					
	Note: For adults age 18 and older, BMICAT is determined by BMI ranges for not overweight (<24.9), overweight (25.0 - 29.9), and obese (30.0 and above). For children, BMICAT is determined by ranges of BMIPCT for not overweight (up to 85th percentile), overweight (85th-95th percentile), and obese (at or above the 95th percentile). BMICAT_FLAG indicates reasons for missing BMICAT reasons for caution in using BMICAT.							
	Value	Count	Percent	Value description	ı			
	1	5,410	37.79	Not overweight				
	2	3,817	26.66	Overweight				
	3 4,109 28.70 Obese							
	. 514 3.59 Missing							
	-994 9 0.06 Error							
	-996	458	3.20	Valid skip				

#### BMICAT\_FLAG

Variable: BMICAT_FLAG	Definiti impreci		s missing or	Type: Numeric		
	Value	Count	Percent	Value description		
	0	13,131	91.72	No measurement a	nomalies	
	1	458	3.20	BMICAT not applic months	able, age 0-24	
	2	483	3.37	BMICAT=. due to missing BMI (height or weight missing)		
	3	1	0.01	BMICAT=. due to n BMI not missing	nissing age when	
	4	30	0.21	BMICAT=. due to n birthmo/birthyr whe and age<18		
	5	8	0.06	BMICAT caution, a birth mo/yr (age<18	•	
	8	197	1.38	BMICAT based on when BMI=. (age>=		
	-994	9	0.06	Error		

## 4.7. Individual Income

#### **ANYINCOMEIND**

Variable: ANYINCOMEIND	month (	on: Individ Y/N) e: AGE_R	Type: Numeric				
Final Interview		This variable combines information from questions F1 and F1b (F1b was added after September 5, 2012).					
	Value Count Percent Value description						
	0	2,531	17.68	No			
	1	7,756	54.2	Yes			
		2	0.01	Missing but applica	ble		
	-997	48	0.34	Don't know			
	-998	51	0.36	Refused			
	-996	3,929	27.44	Valid skip			

#### INCEARNINDAVG R

Variable: INCEARNINDAVG_R	month, r Universe	Definition: Individual has gross earnings last month, reported or average imputed (Y/N) Universe: AGE_R>=16 or AGE_R=-998, -997 or GUEST =1						
	Note: When individual's earnings were missing or not reported, five imputations were obtained for gross earnings. This measure takes the mean of all five imputations for earnings. See INCEARNINDAVG_FLAG for which values are affected by imputation							
	Value	Count	Percent	Value description				
	0 4,845 33.84 No							
	1 5,469 38.20 Yes							
	-996	4,003	27.96	Valid skip				

#### INCEARNINDAVG\_FLAG

Variable: INCEARNINDAVG_FLAG	individu	on: Earnin ıal e: INCEAF	Type: Numeric		
	Value	Count	1		
	0	9,441	65.94	Not imputed	
	1	873	6.10	Imputed	
	-996	4,003			

#### INCUNEMPINDAVG\_R

Variable: INCUNEMPINDAVG_R	Definition month, re Universe GUEST =	Type: Numeric					
	reported, This mea	nissing or not yment income. or AG for which					
	Value	Count	Percent	Value description			
	0 10,046 70.17 No						
	1 268 1.87 Yes						
	-996	4,003	27.96	Valid skip			

## INCUNEMPINDAVG\_FLAG

Variable: INCUNEMPINDAVG_FLAG	insuran	on: Incom ce was in e: INCUN	Type: Numeric		
	Value	1			
	0	9,564	66.80	Not imputed	
	1	750	5.24	Imputed	
	-996 4,003 27.96 Valid skip				

#### INCTRANSFERINDAVG\_R

Variable: INCTRANSFERINDAVG_R	last mon	th, reporte : AGE_R>	ed or averag	NSFER income ge imputed (Y/N) _R=-998, -997 or	Type: Numeric		
	five imput takes the INCTRAN	Note: When individual's transfer income was missing of five imputations were obtained for transfer income. The takes the mean of all five imputations for transfer income INCTRANSFERINDAVG_FLAG for which values are a imputation.					
	Value	Count	Percent	Value description			
	0 9,801 68.46 No						
	1 513 3.58 Yes						
	-996	4,003	27.96	Valid skip			

#### INCTRANSFERINDAVG\_FLAG

Variable: INCTRANSFERINDAVG_FLAG	individu	on: Transf ial e: INCTR <i>l</i>	Type: Numeric
	Value	า	
	0		
	1		
	-996	4,003	

#### ${\bf INCRETDISINDAVG\_R}$

Variable: INCRETDISINDAVG_R	Definition month, results of the contract of t	Type: Numeric					
	Note: When individual's income from retirement accounts or disability payments was missing or not reported, five imputations were obtained for retirement and disability income. This measure takes the mean of all five imputations for retirement and disability income. See INCRETDISINDAVG_FLAG for which values are affected by imputation.						
	Value Count Percent Value description						
	0 7,664 53.53 No						
	1 2,650 18.51 Yes						
	-996	4,003	27.96	Valid skip			

#### INCRETDISINDAVG\_FLAG

Variable: INCRETDISINDAVG_FLAG	was imp	on: Retire outed for i e: INCRE	Type: Numeric		
	Value	1			
	0	9,083	63.44	Not imputed	
	1	1,231	8.60	Imputed	
	-996	4,003			

#### INCINVESTINDAVG\_R

Variable: INCINVESTINDAVG_R	Definition month, re Universe GUEST=	Type: Numeric				
	Note: When individual's income from investment accounts was missing or not reported, five imputations were obtained for investm income. This measure takes the mean of all five imputations for investment income. See INCINVESTINDAVG_FLAG for which valuare affected by imputation.					
	0 9,950 69.50 Not imputed					
	1	364	2.54	Imputed		
	-996					

#### INCINVESTINDAVG\_FLAG

Variable: INCINVESTINDAVG_FLAG	for indi	on: Invest vidual se: INCIN\	Type: Numeric		
	Value	Count	Percent	Value description	1
	0	9,519	66.49	Not imputed	
	1	795	5.55	Imputed	
	-996	4,003	27.96	Valid skip	

#### INCOTHERINDAVG\_R

Variable: INCOTHERINDAVG_R	Definition month, re Universe GUEST =	Type: Numeric			
	not report	as missing or income. This ner income. See cted by			
	Value				
	0				
	1				
	-996	4,003	27.96	Valid skip	

#### INCOTHERINDAVG\_FLAG

Variable: INCOTHERINDAVG_FLAG	individu	on: "Othei ial e: INCOTI	Type: Numeric		
	Value	Count	Percent	Value description	า
	0	9,546	66.68	Not imputed	
	1	768	5.36	Imputed	
	-996	4,003	27.96	Valid skip	

## 4.8. Home Tenure and Birth Location

#### **HOMETENURE**

Variable: HOMETENURE	address	Definition: Individual has always lived at this address Universe: AGE_R >=18 or =-998, -997				
Final Interview, question I1						
	Value	Count	Percent	Value description		
	0	9,542	66.65	No		
	1	320	2.24	Yes		
		2	0.01	Missing but applicable		
	-997	30	0.21	Don't know		
	-998	26	0.18	Refused		
	-996	4,397	30.71	Valid skip		

#### YEARSRESIDENCE

Variable: YEARSRESIDENCE		Definition: Years in current address (recoded) Type: Numeric Universe: AGE_R >=18				
	Value	Count	Percent	Value description		
	1	4,160	29.06	0 to 2 yrs		
	2	1,391	9.72	3 to 5 yrs		
	3	1,363	9.52	6 to 10 yrs		
	4	947	6.61	11 to 15 yrs		
	5	536	3.74	16 to 20 yrs		
	6	1,183	8.26	21 or more yrs		
	-997	208	1.45	Don't know		
	-995	100	0.70	Missing but applicable		
	-998	32	0.22	Refused		
	-996	4,397	30.71	Valid skip		

#### **USBORN**

Variable: USBORN		on: Wheth	Type: Numeric		
	Value	Count	Percent	Value description	า
	0	2,012	14.05	No	
	1	7,843	54.78	Yes	
		65	0.45	Missing	
	-996	4,397	30.71	Valid skip	

#### **USCITIZEN**

Variable: USCITIZEN	Univers in U.S",	Definition: Individual is a U.S. citizen (Y/N) Universe: Final Interview, question I3a="Not in U.S", "refused", "don't know," or was missing.				
Final Interview, question I4	Value	Count	Percent	Value description	ı	
	0	1,152	8.05	No		
	1	847	5.92	Yes		
		65	0.45	Missing		
	-997	2	0.01	Don't know		
	-998	11	0.08	Refused		
	-996	12,240	85.49	Valid skip		