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 http://www.ers.usda.gov/foodaps.

For further information contact: FoodAPS@ers.usda.gov

Suggested citation:

National Household Food Acquisition and Purchase Survey (FoodAPS): Codebook: FoodAPS Individual Public Use File, faps_individual_puf. U.S. Department of Agriculture, Economic Research Service, November 2016.

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.

USDA is an equal opportunity provider, employer, and lender.

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 http://www.ers.usda.gov/foodaps.

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.

.

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.

3. List of Variables

4.1	Identifying and Administrative Variables	12
	HHNUM	12
	PNUM	12
	INITINTRVMON	13
	INITFINALDAYS	13
4.2.	Survey Design Variables	13
	TSSTRATA	13
	TSPSU	13
	HHWGT	14
4.3.	Household Roster, Demographic, and Employment Variables	14
	GUEST	14
	FAMMEMBER	14
	SEX	14
	RELATION_R	15
	AGE_R	15
	AGE_R_FLAG	16
	HISPANIC	16
	RACECAT_R	16
	EDUCCAT	17
	MARITAL	17
	SPOUSEHHMEM	17
	EMPLOYMENT	18
	WORKCOMMUTETIME_R	18
	REASONNOWORK	19
	WORKGETFOOD	19
4.4.	School Attendance and Nutrition Programs	20
	SCHLEVEL_R	20
	SCHTYPE	20
	SCHOPEN	21
	SCHBREAKSTARTMO	21
	SCHBREAKSTARTDY	21
	SCHBREAKSTARTYR	22
	SCHBREAKENDMO	22
	SCHBREAKENDDY	22
	SCHBREAKENDYR	23
	SCHBREAK_FLAG	23
	SCHITINCH	22

	SCHLUNCHDAYS	24
	SCHLUNCHCOST	24
	SCHBRKFSTRECVD	24
	SCHBRKFSTDAYS	25
	SCHBRKFSTCOST	25
	AFTERSCHOOLCARE	26
	AFTERSCHOOLSNACK	26
	SUMMERPGMMEAL	26
	CHILDCARE_R	27
	CHILDCAREMEAL	27
	CHILDCARESNACK	28
	BREASTFEEDING	28
	WICIND	28
	WICTYPE	29
	WICTIME	29
	WICTIMEUNIT	29
4.5.	Dinners Out, Diet Restrictions, and Food Allergies	30
	NDINNERSOUT	30
	VEGETARIAN	30
	LACTOSEINTOL	30
	FOODALLERGY	31
	DIETING	31
4.6.	Health Status and Body Measures	31
	HEALTHSTATUS	31
	TOBACCO	31
	BMI	32
	BMIPCT	32
	BMICAT	33
	BMICAT_FLAG	33
4.7.	Individual Income	34
	ANYINCOMEIND	34
	INCEARNINDAVG_R	34
	INCEARNINDAVG_FLAG	34
	INCUNEMPINDAVG_R	35
	INCUNEMPINDAVG_FLAG	35
	INCTRANSFERINDAVG_R	35
	INCTRANSFERINDAVG_FLAG	
	INCRETDISINDAVG_R	
	INCRETDISINDAVG_FLAG	

	INCINVESTINDAVG_R	37
	INCINVESTINDAVG_FLAG	
	INCOTHERINDAVG_R	37
	INCOTHERINDAVG_FLAG	38
4.8.	Home Tenure and Birth Location	38
	HOMETENURE	38
	YEARSRESIDENCE	38
	USBORN	39
	USCITIZEN	39

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	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	6	167	9.93532	0

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 (.): 0		

TSPSU

Variable: TSPSU	Definition: Psuedo psu (cluste series estimation	Type: Numeric	
	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 when 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 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	Count	Percent	Value description	า
	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 se: 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	or -997	
	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	1	
	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 Type: Numeric 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	Note: This variable was constructed 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	nt 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	comple	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	usually	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 4.67 Yes				
	-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 ıal 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 98.76 Valid skip						

WICTIME

Variable: WICTIME Initial Interview, question B14c	WICTIM Univers Note: Ar	Definition: Time received WIC (see WICTIMEUNIT) Universe: WICIND=1 Note: An error was identified in the skip pattern for this item and corrected in mid-May of the field period. The error resulted in lo							
		data for 42 persons with data "missing but applicable." Value Count Percent Value description 42 0.29 Missing but applicable (CAPI error)							
	-997	8		0.06	Don't	know	,		
	-996	13,648 N			Valid :	skip Mean	#Missing (.)		
	6′		1			10.22617	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							
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	12,464	87.06		
	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, oboth 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	CAT	_FLAG for	re	easons why	BMIPCT	is mi	ssing
	Value	Value Count Percent Value descriptio					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	1			
	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 applicable, age 0-24 months		
	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	756	5.28	Imputed	
	-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 disabilit 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 investme 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 4,003 27.96 Valid skip					

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 her income. See cted by			
	Value				
	0 9,905 69.18 No				
	1	409	2.86	Yes	
	-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	Definition: Whether born in the United States Universe: AGE_R >=18 or =-998, -997				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	on: Individue: e: Final Ir "refused J.	Type: Numeric		
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	