

Differences Between Current and Original Release of CSFII/DHKS 1994-96, 1998 Dataset and Documentation

Please be advised that the data available from past USDA food consumption surveys reflect the foods and their nutrient values that were available at the time of the particular survey. Each survey was designed to assess the dietary status of the U.S. population at that particular time. It is important to consider that survey methods and operations including questionnaire wording, data processing methods, and the survey nutrient database used to calculate the dietary intake were updated from survey to survey based on new data and methods available at the time. Comparing data across surveys must take into account these types of changes. Some research has addressed the impact of changes in methods and/or databases between selected surveys. References are included in the respective surveys' report sections on this site.

Please study the complete dataset documentation before using the dataset. Nearly all the information provided with the original release continues to be applicable for the new release. However, some changes have been made to data formats and other items, so please keep the following points in mind as you read the documentation:

- The current release is available online for download and includes 4 compressed executable files and 8 documents in .pdf format. The original release was on a 2-disk set of CD-ROMs, and the data and documentation were in various folders/directories. References to disks and directories should be disregarded.
- The data are now in SAS® files (.sas7bdat), rather than in ASCII files with a .dat filename extension or in a format that can be accessed using SETS software. References to column numbers, position, location, or width should be disregarded, as should references to SETS.
- The contents of the compressed files are as follows:
 - csfii9498_data.exe (includes 7 data files in SAS® format, such as rt15.sas7bdat; a formats document for each data file, such as rt15fmt.txt; and a file named formats.sas7bcat);
 - csfii9498_fieldlist.exe (includes a readme.txt file and, for each of the 7 record types, one list of variables/fields in alphabetical order and one in order by position);
 - csfii9498_jackknifewts.exe (includes 7 jackknife replicate weights files in SAS® format, such as jkf3yracs.sas7bdat, and a formats document for each jackknife weight file, such as jkf3yracs.txt); and

- csfii9498_tsf.exe (includes TSF_formats.pdf, as well as the 18 ASCII .txt files that comprise the Food Coding Database, Survey Nutrient Database, and Recipe Database collectively known as the Technical Support Files).
- The "blanks" referred to in the documentation will appear as periods (.) in the SAS files.
- Questionnaires and other survey materials are also available on the website. Some differences exist between the CSFII day 1 questionnaire used in 1994-96 and the one used in 1998, so both versions are posted.

DOCUMENTATION:
 SUPPLEMENTAL CHILDREN'S SURVEY (CSFII 1998)
 TO THE 1994-96 CONTINUING SURVEY
 OF FOOD INTAKES BY INDIVIDUALS

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1.1 Summary Table of Record Types (Data Files) and Jackknife Files

NOTE: Data from CSFII 1994-96 and CSFII 1998 are interwoven on each record type.

rt15.dat--Record type 15 (Household). One record per household with at least one responding sample person. General household data from the household (HH) questionnaire.

rt20.dat--Record type 20 (Household member). One record per household member (including sample and nonsample persons) for each household in record type 15. Nonintake data from screener and HH questionnaire.

rt25.dat--Record type 25 (Sample person). One record per responding sample person. Nonintake data collected during the intake interviews plus all the data from record type 20.

rt30.dat--Record type 30 [Food (line item)]. One record per food (line item) for each responding sample person for each day. Each record contains food specific data from the intake interviews and amounts of nutrients per line item in units appropriate to the nutrient. Data on selenium, caffeine, and theobromine have been added to both the CSFII 1994-96 and CSFII 1998. A complete list of nutrients and food components in the database is presented in documentation section 3.3.6, "Survey Nutrient Database."

rt35.dat--Record type 35 (Daily intake: Food group amounts). One record for each day for each responding sample person and a record with averages if 2 days were reported. Daily aggregates of food intake by ARS-defined food groups and subgroups (outlined in section 9.3, "Additional Documentation on Calculated Variables").

rt40.dat--Record type 40 (Daily intake: Nutrients). One record for each day for each responding sample person and a record with averages if 2 days were reported. Daily aggregates of nutrient intake (1) in units appropriate to the nutrient and (2) as percentages of 1989 Recommended Dietary Allowances. Data on selenium, caffeine, and theobromine have been added for both the CSFII 1994-96 and the CSFII 1998. A complete list of nutrients and food components in the database is presented in documentation section 3.3.6, "Survey Nutrient Database."

rt50.dat--Record type 50 (Diet and Health Knowledge Survey). One record for each sample person completing a DHKS interview. Includes all DHKS data from 1994-96.

Jackknife replicate weights (in the \jackknife directory on Disk 2)--May be used in the jackknife technique of estimating sampling errors for the CSFII/DHKS 1994-96 and the CSFII 1998 and for the combined sample. There are weights to allow analysis of both 1 and 2 days of each individual year of the CSFII/DHKS 1994, 1995, or 1996 or the CSFII 1998; the 3

combined years of the CSFII 1994-96 (both individuals and households) or DHKS 1994-96; or the 4 combined years of the CSFII 1994-96, 1998 (both individuals and households). The replicate weights are discussed in documentation section 5.6, "Variance Estimation." The following files are available on Disk 2.

[CD-ROM drive]:\jackknife

--jkw3yracs.dat	Day 1 and 2-day weights for the CSFII 1994-96 combined (3-year) sample
--jkw3yrdh.dat	DHKS and 2-day DHKS weights for the DHKS 1994-96 (3-year) combined sample
--jkw3yrhh.dat	Household weights for the CSFII 1994-96 combined (3-year) sample
--jkw4yracs.dat	Day 1 and 2-day weights for the combined CSFII 1994-96, 1998 (4-year) sample
--jkw4yrhh.dat	Household weights for the combined CSFII 1994-96, 1998 (4-year) sample
--jkwannacs.dat	Day 1 and 2-day weights for annual samples (1994, 1995, 1996, 1998)
--jkwannadh.dat	DHKS and 2-day weights for the annual samples (1994, 1995, 1996)

1.2 Letter from BHNRC Director and Assistant Director, Nutrition Monitoring

Dear Colleague:

The Beltsville Human Nutrition Research Center of the Agricultural Research Service is pleased to announce the release of data for the Supplemental Children's Survey to the 1994-96 Continuing Survey of Food Intakes by Individuals (CSFII 1998). In fulfillment of a 1996 mandate given to the Secretary of Agriculture, the combined data provide a larger sample of children for analyses involving dietary exposure to pesticide residues, as well as for other purposes.

The CSFII 1998 adds intake data from 5,559 children age 0 through 9 years to the intake data collected from 4,253 children of the same age participating in the CSFII 1994-96. The CSFII 1998 response rate was very high (86 percent for the 1-day intake), and the data are being released in a timely manner.

Since the 1930's the U.S. Department of Agriculture has conducted nationwide food surveys in order to help ensure the health of the American people. The CSFII 1998 now joins its predecessors as compelling evidence of the Department's strong, continuing commitment to nutrition and nutrition monitoring.

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ARS' goal is to continue improving the documentation for users of our data. Please address your comments or questions about the documentation to:

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1.3. Suggested Citation, Disclaimers, and Contacts

Suggested Citation

U.S. Department of Agriculture, Agricultural Research Service. 2000. Continuing Survey of Food Intakes by Individuals 1994-96, 1998. CD-ROM. (In publications, please acknowledge ARS as the original data source and include the survey acronym (CSFII 1994-96; CSFII 1998; or CSFII 1994-96, 1998--depending on which years of data you use) in the title or abstract in order to facilitate retrieval in bibliographic searches.)

Disclaimers

Mention of trade names, commercial products, or companies in this data set is solely for the purpose of providing specific information and does not imply recommendation or endorsement by the U.S. Department of Agriculture over others not mentioned.

Copies of this data set may be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161; telephone (1-800-553-6847).

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Section 2. ESSENTIAL INFORMATION

* Please read the README file for each disk on this two-disk CD-ROM set for a thorough explanation of what is on each disk.

** ARS' Food Surveys Research Group (FSRG) has a Web site at < www.ars.usda.gov/fsrg >.

***Join the SURVEY Discussion Group: Instructions for joining are on the FSRG Web site.

In this section:

- 2.1. A Special Note to Data Users: Using Data Collected in the CSFII 1994-96 and Its Supplemental Children's Survey (CSFII 1998)
- 2.2. About the CD-ROM Set (Not applicable for the web)
- 2.3. Analysis Using the CSFII 1994-96, 1998 Combined Data Set
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- 2.10. Survey Materials and Survey Results in Portable Document Format (PDF)

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- 2.1. A Special Note to Data Users: Using Data Collected in the Continuing Survey of Food Intakes by Individuals 1994-96 (CSFII 1994-96) and Its Supplemental Children's Survey (CSFII 1998)

This section provides a short description of the design of this supplemental survey of children, an examination of the age distribution of the CSFII 1994-96 and 1998 samples and the nutrient intake data, and recommendations for using the data. In preparing this section of the documentation, ARS sought to answer questions a user might have:

- Why conduct a supplemental survey?
- Do the samples differ?
- Are the data different?
- How should the data be used?

Why conduct a supplemental survey?

The Food Quality Protection Act of 1996 (P.L. 104-170) requires that the U. S. Department of Agriculture (USDA) provide food intake data for a

statistically adequate sample of children for use by the Environmental Protection Agency (EPA) in estimating their exposure to pesticide residues. As a timely response to the 1996 mandate, USDA's Agricultural Research Service (ARS) conducted the CSFII 1998 between December 1997 and December 1998 as a supplement to the CSFII 1994-96. CSFII 1998 data used in conjunction with CSFII 1994-96 data meet EPA's requirements for a larger sample of children.

The CSFII 1998 was designed to be merged with the CSFII 1994-96. To facilitate merging the data, the 1998 data collection methods, instruments, and other survey procedures were the same as those used in the CSFII 1994-96. Both data sets provide two non-consecutive 24-hour dietary recalls, which were administered in person by a trained interviewer. Interviewers were trained in the same manner as those in the CSFII 1994-96. The 1998 sample was drawn from the same primary sampling units (PSU's) and area segments as were contacted in the CSFII 1994-96. However, only households with children under 10 years of age were eligible for the supplemental survey. The sampling weights developed for the combined 4-year data set, as well as for the CSFII 1994-96 and 1998 individually, adjust for any differences in the population calibration variables that may have resulted from limiting the universe of households. Calibration ensures that each nationally selected sample of persons is appropriately representative of the U. S. population. The calibration variables for the CSFII 1998 are the same ones used in weighting the 1994-96 data. They include sex, age group, season of intake, day of week, race, region, household income, and nine other variables that may impact food consumption behavior. Documentation section 5, "Sampling Weights," provides details on the derivation of sampling weights as well as guidance in using appropriate weights for the CSFII 1998 and for merged data from the CSFII 1994-96 and 1998. The sample design and survey methods are described in detail in documentation section 3, "Methods in the Continuing Survey of Food Intakes by Individuals 1994-96, 1998."

Does the sample of children in the CSFII 1998 differ from the sample of children age 9 and under in the CSFII 1994-96?

The two samples differ in the distribution of children by age. Using numbers of children in specific age and sex categories identified by EPA as statistically adequate, ARS targeted numbers of children to be surveyed for the CSFII 1998 that would provide the difference between those EPA goals and the counts in specific age and sex categories in the CSFII 1994-96. Compared to the 1994-96 sample, the target sample for the CSFII 1998 provides approximately three times as many infants and 3- and 4-year-olds; half as many 1- and 2-year-olds; and even smaller proportions of 7-, 8-, and 9-year-olds. Despite differences in the age distribution between CSFII 1994-96 and CSFII 1998, both are nationally representative samples of persons living in households in the U. S.: The CSFII 1994-96 is a sample of individuals of all ages, and the CSFII 1998 is a sample of persons 9 years of age and younger. Counts of children providing intake data are shown in table 1 by age.

Table 1: Numbers of children providing intake data in the CSFII 1994-96; the CSFII 1998; and the combined CSFII 1994-96, 1998; by age

<u>Age (years)</u>	<u>1994-96</u>	<u>1998</u>	<u>1994-96, 1998</u>
Under 1	376	1,175	1,551
1	711	373	1,084
2	705	402	1,107
3	492	1,344	1,836
4	511	1,348	1,859
5	475	409	884
6	256	343	599
7	233	71	304
8	236	53	289
9	258	41	299
0-9	4,253	5,559	9,812

 Are the CSFII 1998 data different from the CSFII 1994-96 data?

ARS examined this question in several ways. Mean nutrient and food group intakes of nonbreast-fed children from CSFII 1998 and CSFII 1994-96 were compared using the t-test to determine statistically significant differences between group means. Differences in intakes from year to year also were assessed, with comparisons made between consecutive years -- 1994 vs. 1995, 1995 vs. 1996, and 1996 vs. 1998. Weighted data from the first day of intake were used in all analyses. Three-year sampling weights were used for the combined CSFII 1994-96 data, and annual weights were used in the year-to-year comparisons. The CSFII 1998 data were weighted using the annual 1998 weight. Analyses were conducted for the total group of children age birth through 9 years and for the age groups used in CSFII 1994-96 tabulations: Under 1 year, 1 to 2 years, 3 to 5 years, and 6 to 11 years (with the exception that the oldest grouping included only 6- to 9-year-olds in these analyses).

Mean nutrient intakes in CSFII 1994-96 and CSFII 1998 were compared by age group (table 2). For the total group of children age birth through 9 years, nutrient intakes differed significantly between 1994-96 and 1998 for 23 of the 30 nutrients/food components studied, as shown in table 2. However, there were relatively few statistically significant differences in mean intakes by specific age groups, except for the 3- to 5-year-olds. For children less than 1 year old, mean intakes differed significantly between 1994-96 and 1998 for only three nutrients; for 1- to 2- year olds, six nutrients; and, for 6- to 9-year-olds, eight nutrients. The differences seen, although statistically significant, were relatively small and likely to be of little practical or biological significance.

Table 2: Mean nutrient intakes by age group, CSFII 1994-96 compared to CSFII 1998 (t-test)

<u>Nutrients</u>	<u>Age group (1994-96/1998)</u>		
	<u>0-9 years</u>	<u><1 year</u>	<u>1-2 years</u>
Food energy (kcal)	1578/1692**	838/856	1312/1366
Protein (g)	55.2/58.5**	21.6/22.1	49.2/49.1
Total fat (g)	58.0/61.9**	36.4/37.0	47.9/49.8
Saturated fat (g)	22.1/23.2*	15.4/14.6	19.5/20.1
Monounsaturated fat (g)	21.9/23.1**	11.1/13.4**	17.5/18.1
Polyunsaturated fat (g)	9.7/11.0**	7.8/7.5	7.3/7.9**
Cholesterol (mg)	183/199**	46/43	189/192
Carbohydrate (g)	214.5/231.5**	106.8/109.6	175.9/185.8*
Dietary fiber (g)	10.5/11.3*	3.4/3.6	8.8/9.2
Vitamin A (RE)	811/853	855/823	717/788
Carotene (RE)	268/313	217/274	263/312
Vitamin E (mg)	6.1/6.7**	11.9/10.8*	4.6/5.0**
Vitamin C (mg)	98/108**	108/107	99/107
Thiamin (mg)	1.35/1.42*	0.90/0.90	1.11/1.17*
Riboflavin (mg)	1.84/1.94	1.34/1.32	1.69/1.76
Niacin (mg)	16.1/17.1**	10.4/11.1	12.5/13.2*
Vitamin B-6 (mg)	1.43/1.53**	0.65/0.67	1.28/1.36
Folate (mcg)	214/299**	118/130*	177/242**
Vitamin B-12 (mcg)	3.60/3.73	2.52/2.08	3.23/3.17
Calcium (mg)	845/899**	664/690	848/873
Phosphorus (mg)	1035/1101**	526/518	961/982
Magnesium (mg)	199/213**	98/103	186/190
Iron (mg)	13.2/13.7	15.7/16.0	10.5/11.1
Zinc (mg)	8.7/9.4**	6.4/6.6	7.4/7.4
Copper (mg)	0.8/0.9**	0.7/0.7	0.7/0.7
Sodium (mg)	2381/2615**	458/489	1946/1980
Potassium (mg)	2019/2200**	1070/1141	1981/2047
Caffeine (mg)	14.2/12.7	0.4/0.3	6.6/6.6
Theobromine (mg)	41.2/41.5	1.6/0.4	21.3/20.8
Selenium (mcg)	70.3/75.1**	25.4/25.8	60.3/59.2

-- continued

Note: * P <= 0.05, ** P <= 0.01

Table 2: Mean nutrient intakes by age group, CSFII 1994-96 compared to CSFII 1998 -- continued

<u>Nutrients</u>	<u>Age group (1994-96/1998)</u>	
	<u>3-5 years</u>	<u>6-9 years</u>
Food energy (kcal)	1577/1706**	1857/1969*
Protein (g)	55.4/59.7**	64.5/67.9
Total fat (g)	57.4/61.7**	67.8/71.6
Saturated fat (g)	21.6/23.1**	25.1/26.2
Monounsaturated fat (g)	21.9/23.1*	26.2/26.9
Polyunsaturated fat (g)	9.6/10.9**	11.5/13.1**
Cholesterol (mg)	183/205**	205/223
Carbohydrate (g)	215.6/234.5**	254.0/270.3*
Dietary fiber (g)	10.7/11.8**	12.5/13.2
Vitamin A (RE)	789/852*	870/890
Carotene (RE)	274/302	274/328
Vitamin E (mg)	5.4/6.2**	6.3/7.3**
Vitamin C (mg)	96/107**	97/109
Thiamin (mg)	1.34/1.44**	1.58/1.61
Riboflavin (mg)	1.79/1.95**	2.06/2.11
Niacin (mg)	16.0/17.2**	19.2/19.7
Vitamin B-6 (mg)	1.44/1.59**	1.64/1.71
Folate (mcg)	215/311**	250/343**
Vitamin B-12 (mcg)	3.45/3.82*	4.11/4.19
Calcium (mg)	819/892**	899/950
Phosphorus (mg)	1027/1120**	1175/1237
Magnesium (mg)	200/218**	225/238
Iron (mg)	12.4/13.6**	14.6/14.7
Zinc (mg)	8.6/9.5**	9.9/10.7
Copper (mg)	0.8/0.9**	0.9/1.0*
Sodium (mg)	2668/2482**	2902/3204*
Potassium (mg)	2026/2236**	2214/2414**
Caffeine (mg)	13.0/12.9	21.6/17.3
Theobromine (mg)	41.7/45.0	58.7/55.3
Selenium (mcg)	71.3/77.0**	83.2/89.1

Note: * P <= 0.05, ** P <= 0.01

For the 3- to 5-year-old age group, significant differences in mean intakes between 1994-96 and 1998 were observed for 27 of 30 nutrients/food components. This may be due to the greater proportion of children 3 and 4 years old in this age group in 1998 than in 1994-96. While the sampling weights adjust the data to the appropriate national representation, weights within the 3- to 5-year-old age group are quite variable. Three- and 4-year-olds have very small sampling weights, with

a smaller impact on group means, and 5-year-olds have very large sampling weights, with a greater impact on group means.

Percentile distributions of nutrient intakes were also examined. Generally, the differences between 1994-96 and 1998 in intakes at each percentile were in the same direction as were the differences in the means. In most cases, the intake at each percentile was greater in 1998 than 1994-96. However, there were no consistent patterns in the magnitude of the differences. Table 3 shows percentile distributions for selected nutrients for the total group of children age birth through 9 years.

Table 3: Distributions of Intakes of Selected Nutrients for Children Age 0 to 9 Years: Mean and selected percentiles

<u>Nutrient</u>	<u>Mean</u>	<u>25th %ile</u>	<u>50th %ile</u>	<u>75th %ile</u>
Food Energy (kcal)				
1994-96	1,578	1,124	1,507	1,920
1998	1,692	1,252	1,612	2,062
Cholesterol (mg)				
1994-96	183	88	145	235
1998	199	96	159	258
Carotene (RE)				
1994-96	268	50	104	255
1998	313	56	116	287
Calcium (mg)				
1994-96	845	532	772	1,088
1998	899	551	819	1,151
Sodium (mg)				
1994-96	2,381	1,532	2,250	3,074
1998	2,615	1,673	2,419	3,377

One nutrient that differed consistently across age groups between 1994-96 and 1998 was folate. This difference is most likely due to the change in folate values in the nutrient data base for the CSFII 1998. Folate values were updated to reflect regulations that became mandatory on January 1, 1998, requiring the addition of folic acid to enriched cereal grain products subject to standards of identity.

Can the higher mean nutrient intakes in 1998 be explained by increased intake of specific food groups? A look at food group intakes revealed no consistent pattern and few statistically significant differences. The only major differences in food groups were a higher fruit intake by 3- to 5-year-olds in 1998 than in 1994-96 and a lower carbonated soft drink intake for 6- to 9-year-olds in 1998 than in 1994-96 (tabular data not shown).

The number of foods coded per 24-hour recall differed significantly between 1994-96 and 1998. The mean number of foods from the CSFII 1998 was approximately one food more than from the CSFII 1994-96, 15 versus 14 food items, as shown in table 4. The increase in the number of foods coded was consistent and statistically significant across all age groups, except for infants under 1 year old. The difference in the number of foods coded should not be due to biases introduced by the methods or instruments, because the 1998 interviewer training, data collection methodology, and data coding procedures were identical to those used for the CSFII 1994-96.

Table 4: Number of foods coded per 24-hour recall in the CSFII 1994-96 and the CSFII 1998

<u>Age (years)</u>	<u>1994-96</u>	<u>1998</u>
Under 1	9.9	10.5
1-2	14.2	14.8*
3-5	14.5	15.2**
6-9	14.5	15.2*
0-9	14.1	14.8**

Note: * p <= 0.05, ** p <= 0.01

To examine whether the increase in the number of foods was related to the observed differences in nutrient intakes, nutrient intakes were standardized on the basis of the number of foods coded. Standardizing by number of foods eliminated some of the significant differences in nutrient intakes, especially food energy intake, as shown in table 5. Again, with the exception of 3- to 5-year-olds, the differences were few. The only consistently significant difference across age groups between CSFII 1994-96 and 1998 was the increase in folate intake, which was likely due to the change in the nutrient data base for the CSFII 1998.

Table 5: Mean nutrient intake standardized by number of foods coded,
CSFII 1994-96 compared to CSFII 1998

<u>Nutrients</u>	<u>Age group (1994-96/1998)</u>		
	<u>0-9 years</u>	<u><1 year</u>	<u>1-2 years</u>
Food energy (kcal)	118/119	100/91	98/96
Protein (g)	4.1/4.1	2.5/2.3	3.7/3.5*
Total fat (g)	4.4/4.4	4.6/4.1	3.6/3.5
Saturated fat (g)	1.7/1.6	1.9/1.6	1.5/1.4
Monounsaturated fat (g)	1.6/1.6	1.4/1.5	1.3/1.3
Polyunsaturated fat (g)	0.7/0.8*	1.0/0.9	0.5/0.6
Cholesterol (mg)	14/14	5/4	14/14
Carbohydrate (g)	15.8/16.2	12.2/11.3	13.0/13.0
Dietary fiber (g)	0.8/0.8	0.3/0.3	0.6/0.6
Vitamin A (RE)	61/60	101/87	53/55
Carotene (RE)	19/21	21/24	19/21
Vitamin E (mg)	0.5/0.5	1.6/1.3*	0.4/0.3
Vitamin C (mg)	7/8	13/11	7/8
Thiamin (mg)	0.10/0.10	0.10/0.09	0.08/0.08
Riboflavin (mg)	0.14/0.14	0.15/0.14	0.13/0.12
Niacin (mg)	1.2/1.2	1.2/1.1	0.9/0.9
Vitamin B-6 (mg)	0.11/0.11	0.07/0.07	0.10/0.10
Folate (mcg)	16/21**	15/14	13/17**
Vitamin B-12 (mcg)	0.27/0.27	0.30/0.23	0.24/0.22**
Calcium (mg)	64/63	80/74	64/61
Phosphorus (mg)	77/77	62/53	72/69
Magnesium (mg)	15/15	11/10	14/13
Iron (mg)	1.0/1.0	1.9/1.7	0.8/0.8
Zinc (mg)	0.7/0.7	0.8/0.7	0.6/0.5
Copper (mg)	0.1/0.1	0.1/0.1	0.1/0.0
Sodium (mg)	175/182	48/46	144/140
Potassium (mg)	149/152	123/116	147/143
Caffeine (mg)	1.0/0.9	0.0/0.0	0.5/0.5
Theobromine (mg)	2.8/2.8	0.1/0.0	1.5/1.4
Selenium (mcg)	5.2/5.2	2.9/2.6	4.5/4.2*

-- continued

Note: * P <= 0.05, ** P <= 0.01

Table 5: Mean nutrient intake standardized by number of foods coded,
 CSFII 1994-96 compared to CSFII 1998 -- continued

<u>Nutrients</u>	<u>Age group (1994-96/1998)</u>	
	<u>3-5 years</u>	<u>6-9 years</u>
Food energy (kcal)	113/117*	135/136
Protein (g)	4.0/4.1	4.7/4.7
Total fat (g)	4.1/4.2	4.9/4.9
Saturated fat (g)	1.6/1.6	1.8/1.8
Monounsaturated fat (g)	1.6/1.6	1.9/1.9
Polyunsaturated fat (g)	0.7/0.7**	0.8/0.9
Cholesterol (mg)	13/14*	15/15
Carbohydrate (g)	15.4/16.0**	18.4/18.6
Dietary fiber (g)	0.8/0.8	0.9/0.9
Vitamin A (RE)	55/58	63/63
Carotene (RE)	18/20	19/21
Vitamin E (mg)	0.4/0.4**	0.5/0.5
Vitamin C (mg)	7/7	7/7
Thiamin (mg)	0.10/0.10	0.12/0.11
Riboflavin (mg)	0.13/0.13*	0.15/0.14
Niacin (mg)	1.2/1.2	1.4/1.4
Vitamin B-6 (mg)	0.10/0.11*	0.12/0.12
Folate (mcg)	15/21**	18/24**
Vitamin B-12 (mcg)	0.24/0.27	0.30/0.29
Calcium (mg)	60/58	65/65
Phosphorus (mg)	73/76*	85/85
Magnesium (mg)	14/15*	16/16
Iron (mg)	0.9/0.9	1.1/1.0
Zinc (mg)	0.6/0.7	0.7/0.7
Copper (mg)	0.1/0.1	0.1/0.1
Sodium (mg)	179/185	212/222
Potassium (mg)	144/151**	160/164
Caffeine (mg)	1.0/0.9	1.6/1.2
Theobromine (mg)	2.9/3.1	4.0/3.7
Selenium (mcg)	5.2/5.3	6.1/6.1

Note: * P <= 0.05, ** P <= 0.01

ARS also looked for statistically significant differences in nutrient intakes between each pair of sample years from 1994 to 1998. Mean intakes for each year were compared to the means for the following year. Few trends in nutrient intakes or food group quantities were seen between successive years, and there were few statistically significant differences. While more nutrient intakes differed significantly between

1996 and 1998 than between the other pairs of years, most of the differences may be accounted for by the unequal age distribution of the samples. This is particularly true for the age groups birth through 9 years, 3 to 5 years, and (to a lesser degree) 6 to 9 years. Nearly all significant differences for the 1- to 2-year-olds were eliminated after standardizing the intakes by the numbers of foods coded.

How should you use CSFII 1998 data?

ARS recommends using the CSFII 1998 data combined with the CSFII 1994-96 data as a single data set, using the 4-year sampling weights developed for the data release. The CSFII 1998 data, when merged with the CSFII 1994-96 data, can be used in any statistical presentation for which the user would use the 1994-96 data alone. The CSFII 1998 sample design supports merging the data.

The CSFII provides annual nationally representative samples as a basis of its design. However, unlike the CSFII 1994-96 annual samples, the CSFII 1998 is a supplemental sample whose primary purpose was to increase the number of observations for selected ages so that data can be used in estimating exposure to pesticide residues. This sample requirement led to a major difference in the age distribution from that in earlier years. The user, in contemplating whether to use this sample alone, should keep this in mind. The difference in age distribution does not limit use of CSFII 1998 data as a single data set; in fact, it has some advantages. The CSFII 1998 provides a large national sample of infants, 3-year-olds, and 4-year-olds. The user may wish to use age groupings other than the traditional CSFII age groups. The group of 1- to 2-year-olds and the group of 5- to 6-year-olds should provide statistically viable sample sizes for most analyses. However, ARS recommends caution in interpreting the results of comparisons to other data or from trend analysis because the differences in the age distribution may affect weighted estimates.

Sampling weights should be used whenever the CSFII 1998 data are used for comparisons. Use of the weights for comparisons by age group or for estimates for a specific age may limit the impact of the disproportionate sampling in the CSFII 1998. The sampling weights provide adjustments of the 1998 sample to the population of children age birth through 9 years in the United States. However, because there are proportionately fewer children 7 to 9 years old in the sample than there are children of other ages, their impact on group means is magnified. Sampling weights for the CSFII 1998 are more variable than for the CSFII 1994-96, due to the unequal distribution of ages in the sample.

ARS has released the CSFII 1994-96 and 1998 data as a merged data set with a sample-year variable that allows the user to identify records for each of the four annual samples. Sampling weights are provided for use

with each sample year alone (1994, 1995, 1996, and 1998), for combining the 1994-96 data (3-year data), and for combining all 4 years of data. The weights adjust the impact of each person on the mean for the person's appropriate representation in the U. S. population, taking into account nonresponse and noncoverage. Derivation of sampling weights and guidance in selecting the appropriate weights are provided in documentation section 5, "Sampling Weights."

2.2. About the CD-ROM Set (Not applicable for the web)

Each of the two disks in this set contains a web-page style "Welcome" module to introduce the user to the disk's contents and their use. A text-only introduction is present as a README file in the root directory for each disk. The "Welcome" modules and README files contain important information and instructions pertaining to the data set and to related materials found on the disk.

Disk 1 contains --

- Statistical Export and Tabulation System (SETS) software;
- CSFII 1994-96, 1998 combined data set and documentation within the SETS environment (documentation files are also usable in ASCII format);
- survey questionnaires and other instruments used during the survey;
- the Food Instruction Booklet used by interviewers to probe for complete descriptions of foods and amounts eaten;
- a report on the design and operation of the CSFII 1994-96 and selected information from the CSFII 1998;
- abridged versions of the interviewers' manuals used as reference documents for interviews in the CSFII 1998 and CSFII 1994-96;
- a set of summary tables of food and nutrient intakes by children based on combined CSFII 1994-96 and CSFII 1998 data;
- the Survey Codebook Search Program, which can be used to search the Food Coding Database;
- Adobe(R) Acrobat(R) Reader software for three platforms (Adobe and Acrobat are trademarks of Adobe Systems Incorporated);
- Netscape (R) software (Netscape is a registered trademark of Netscape Communications Corporation); and

-- a description of FSRG's web site and a link to it.

Disk 2 contains -

- The CSFII 1994-96, 1998 combined raw data files (that is, ASCII files that can be read directly from the CD-ROM by any program) outside the SETS environment;
- documentation files outside the SETS environment including separate directories for the file formats and field lists in ASCII format;
- jackknife replicate weights for variance estimation;
- SAS input programs for each record type and programming examples; and
- the Technical Support Files, which include the food coding, nutrient, and recipe databases and related files.

2.3. Analysis Using the CSFII 1994-96, 1998 Combined Data Set

Both the CSFII 1994-96 and the CSFII 1998 were stratified, multistage area probability samples (see section 3.1, "Sample Design"). The CSFII 1998 was designed so that its data can be merged with data from the CSFII 1994-96.

Attention to the complex design of the surveys is essential in planning statistical analyses. As with any survey with such a design, analysis of the data requires the use of sampling weights to compensate for variable probabilities of selection, differential response rates, and possible deficiencies in the sampling frame. See section 5, "SAMPLING WEIGHTS," for a discussion of the CSFII 1998 and CSFII/DHKS 1994-96 weighting design.

In addition, appropriate techniques and software that take the sample design into account should be used for variance estimation. See section 5, "SAMPLING WEIGHTS," for a discussion of the formation of variance estimation units and strata and the estimation of sampling errors, and see section 6, "USING THE DATA," for information on statistical software, the use of sampling weights, and statistical analysis with standard software packages. See section 7.4, "Key Fields," for details on identifying the appropriate sampling weights in the data set.

Day-1 and 2-day jackknife replicate weights are provided on Disk 2 in the \jackknife directory. The jackknife replicate weights are for use with the jackknife replicate method as an alternative technique of estimating sampling error.

2.4. Response Results

In the CSFII 1998, the overall day-1 response rate was 85.6 percent and the overall 2-day response rate was 81.7 percent. The CSFII 1994-96 day-1 response rate was 80.0 percent and the overall 2-day response rate was 76.1 percent (see section 4, "RESPONSE RESULTS").

2.5 Selenium, Caffeine, and Theobromine--New in the Survey Nutrient Database; Folate Updated

Selenium, caffeine, and theobromine values were added to the Survey Nutrient Database for this release. Folate values were updated to reflect regulations requiring the addition of folic acid to enriched cereal grain products subject to standards of identity (see section 3.3.6, "Survey Nutrient Database").

2.6. SAS Input Programs and Programming Examples

Input programs to read the data files into SAS system files are on Disk 1 in SETS (also usable in ASCII format) and on Disk 2 in the \saspgms directory (see section 10, "INPUT PROGRAMS AND PROGRAMMING EXAMPLES"). Knowledgeable users can easily modify the input programs to work with various software packages. Also in the \saspgms directory, annotated programs (example1.sas, example2.sas, and example3.sas) illustrate how to combine data from multiple record types.

2.7. Control Statistics

Descriptive statistics for selected variables are provided to help users determine whether they have the correct number of records as they build files for data analyses (see section 11, "CONTROL STATISTICS").

2.8. Data Processing

The systems used in processing the CSFII 1998 data are similar to those used for the CSFII 1994-96, including the use of Survey Net, a computer-assisted food coding and data management system (see section 3.3, "Data Processing").

The food coding, nutrient, and recipe databases (also referred to as the Technical Support Files) used in processing the CSFII 1998 and the CSFII 1994-96 are located on Disk 2 in the \tsf98 directory. Complete documentation and formats for the Technical Support Files are available in \tsf98\formats\formats.doc.

The databases cover all years of the CSFII 1998 and the CSFII 1994-96. In some cases, different values were valid for different years. For

example, the level of added nutrients in some ready-to-eat breakfast cereals changed during the course of the survey, and folate values in grain products were revised for 1998 to reflect the new requirements for folate fortification. Start- and end- date fields are included with each variable to indicate the time period when the record was available for coding during the surveys.

2.9. Survey Codebook Search Program

The Survey Codebook Search Program, which can be used to access gram weights for common portions and nutrient values for food codes, is located on Disk 1 in the \cbsrch directory. This is a DOS program which will run in Windows 3.1 or Windows 95/98. Executing the file cbsrch.exe within this directory will start the executable program. The Survey Codebook Search Program is part of Survey Net's Codebook Search Routine (see section 3.3, "Data Processing"). Instructions for operating Codebook Search are available from within the program by accessing the help key from the search field.

2.10. Survey Materials and Survey Results in Portable Document Format (PDF)

Disk 1 includes the survey questionnaires for the CSFII 1998 and the CSFII 1994-96, the Food Instruction Booklet used by interviewers to probe for complete descriptions of foods and amounts eaten, abridged interviewers' manuals, a report on the design and operation of the CSFII 1994-96, information on the sample design for the CSFII 1998, and summary data tables providing results from the combined CSFII 1994-96, 1998. All of these materials are in PDF format. Adobe(R) Acrobat(R) Reader software that allows users to view and print PDF files is available for downloading on Disk 1. Documentation sections 1 through 7 and section 11 files on Disk 2 are in PDF format also (\doc\doc.pdf).

3 METHODS IN THE CONTINUING SURVEY OF FOOD INTAKES BY INDIVIDUALS 1994-96, 1998

The methods used in the Supplemental Children's Survey to the 1994-96 Continuing Survey of Food Intakes by Individuals (CSFII 1998) were identical to those used in the CSFII 1994-96.

3.1 Sample Design

3.1.1 CSFII/DHKS 1994-96 sample design

The primary goal of the sample design for the CSFII/DHKS 1994-96 was to obtain nationally representative samples of noninstitutionalized persons residing in households in the United States for each of 40 analytic domains defined by sex, age (10 age groups), and income level (a "low-income" group and an "all-income" group) that were aimed to meet specified precision levels for estimates of mean day-1 saturated fat and iron intakes. Excluded were persons who lived in group quarters or institutions, who resided on military installations, or who were homeless. The specific precision goals were that the coefficients of variation (CVs) for mean saturated fat and iron intakes should be 3 percent or less for each of the 20 all-income sex-age domains and 5 percent or less for each of the 20 low-income sex-age domains. These precision goals were translated into 3-year target sample sizes. In addition, the sample design specified that one day-1 intake respondent 20 years of age or older be selected for the DHKS from each household with at least one day-1 intake respondent age 20 or over. For the CSFII/DHKS 1994-96, a single sample was selected that met precision requirements by income level, in contrast to past CSFII/DHKS surveys where a separate sample of low-income persons was also chosen in addition to the basic general sample.

The sample selection process was designed by Westat, Inc., a private research firm in Rockville, MD, under contract to ARS. The sample for the CSFII/DHKS 1994-96 was derived from a Westat, Inc., master sample. This master sample, which was in existence prior to the award of the contract for the CSFII/DHKS 1994-96, is a stratified, multistage area probability sample. The sampling frame was organized using estimates of the U.S. population in 1990 (USDC/BOC 1993). The stratification plan took into account geographic location, degree of urbanization, and socioeconomic characteristics.

At the first stage of sampling, the entire United States was divided into primary sampling units (PSU's) consisting of Metropolitan Statistical Areas (MSA's) (see section 3.6, "Glossary," below), counties, or groups of counties. Because of its size, the New York MSA was divided into three PSU's. For the same reason, the Los Angeles and Chicago MSA's were each divided into two PSU's. Apart from these, each of the other MSA's constituted a single PSU. Some counties outside MSA's

were grouped to form PSU's containing at least 15,000 people. A total of 1,404 PSU's was created, and 62 PSU's were selected for use in the CSFII/DHKS 1994-96, as described below.

The 24 PSU's with the largest populations were included with certainty. The remaining (noncertainty) PSU's were then assigned to 1 of 38 strata of approximately equal size (in terms of 1990 population), and one PSU was selected from each stratum with probability proportional to the 1990 population. Stratification factors included region of the country (four census regions) (see section 3.6, "Glossary," below); whether or not the PSU was an MSA and the population size of the MSA; percentage of the population that was black or Hispanic; and per capita income. Among the noncertainty strata, 26 were MSA strata and 12 were non-MSA strata.

The second stage was the selection from each PSU of 36 area segments consisting of blocks or groups of blocks. Area segments were chosen with probability proportional to size. The CSFII/DHKS 1994-96 was designed so that data collection would be spread evenly over the 3 years of the survey and over the quarters of the year. From each sampled PSU, twelve segments were subsampled for each of the 3 years of the survey, three segments for each quarter of the year. Addresses of all dwelling units in the subsampled area segments were then listed in accordance with 1990 Census listing rules and consistent with the 1990 Census definition of a housing unit (see section 3.6, "Glossary," entry for "Dwelling unit").

In the third stage, listed dwelling units in the selected area segments were drawn into the sample from the listings. For the three years of the CSFII/DHKS 1994-96, a sample of 34,016 dwelling units in all was designated for screening. Calculation of the number of dwelling units to be screened took into account the sample sizes needed to achieve the desired levels of precision specified by ARS prior to contract award, the percentages of individuals in each sex-age group living in households at or below 130 percent of the Federal poverty guidelines (DHHS 1996), a projected figure for vacant dwelling units, and a safety factor allowing for random sampling variation. Sample households were screened to identify appropriate numbers of sample persons in specified sex-age groups.

The last sampling stage involved selection of individuals from the sampled households. As described in the first paragraph of this section (section 3.1.1), the CSFII 1994-96 was designed to obtain sample sizes for the sex-age groups that would produce estimates with equivalent coefficients of variation over the sex-age groups, both for the total population and for the low-income population. To obtain the desired numbers of individuals, sex-age subgroups were sampled at different rates. This procedure was implemented at the screening stage of the survey. The age groups used were 1 to 2 years, 3 to 5 years, 6 to 11 years, 12 to 19 years, 20 to 29 years, 30 to 39 years, 40 to 49 years, 50 to 59 years, 60 to 69 years, and 70 years and over. The approach used to select persons for the intake interviews was to designate subsets of households within which persons meeting specified sex-age/income

criteria would be included in the study. For example, for a predesignated subset of households in the dwelling unit sample, only children between the ages of 1 and 2 years and low-income males between the ages of 50 and 59 years were to be included in the sample. Sampled households were assigned to the various subsets in a random fashion to ensure the unbiased selection of sample persons for the study. In addition, all infants under 1 year of age in households that contained at least one sample person 1 year or older were included in the sample.

To facilitate the selection of sample persons in the field, each screening questionnaire carried a sampling message specifying the characteristics of the persons to be included in the sample. The proportion of households receiving a particular message was determined to satisfy the target sampling rates for the various sex-age/income domains. After completing the listing of household members, the interviewer identified which, if any, of the household members fell into the sex and age groups that had been predetermined for that household. The interviewer had no discretion as to whom to include. In the CSFII 1994-96, a total of 20,126 individuals was initially selected into the sample.

Respondents for the DHKS 1994-96 were selected from among sample persons 20 years of age and over who had completed the day-1 intake interview in the CSFII 1994-96. Only one DHKS respondent per household was selected in households with eligible participants. In households with more than one CSFII participant 20 years of age or over, one of the participants was selected randomly with probability assigned to maintain distributions of all-income and low-income individuals in the six sex-age groups age 20 years and over in the DHKS that conformed approximately to the corresponding distributions of individuals in the CSFII. In the DHKS 1994-96, a total of 7,842 individuals was selected into the sample.

For more detailed information on the CSFII/DHKS 1994-96 sample design, see Tippet and Cypel (eds.) 1997, which is included on Disk 1 in \pdffiles\dor.pdf.

3.1.2 CSFII 1998 sample design

The CSFII 1998 had its roots in the Food Quality Protection Act of 1996, which required the Secretary of Agriculture to provide the Environmental Protection Agency (EPA) with information on food consumption patterns of a statistically valid sample of infants and children. This requirement followed a report entitled Pesticides in the Diets of Infants and Children (NAS/NRC 1993) that concluded that current food consumption data for children did not provide sufficient sample sizes for adequate estimation of dietary exposure to pesticide residues. In response to the 1996 mandate, the Agricultural Research Service (ARS) of the U.S. Department of Agriculture (USDA) conducted the CSFII 1998 as a supplement to the CSFII/DHKS 1994-96. CSFII 1998 data used in

conjunction with CSFII/DHKS 1994-96 data, with appropriate weights (see documentation section 5, "Sampling Weights"), meet the requirement for a larger sample of children.

The goal of the sample design for the CSFII 1998 was to obtain nationally representative samples of noninstitutionalized persons 9 years of age or younger residing in households in the United States for each of 28 analytic domains defined by sex, age (7 age groups), and income level (a "low-income" group and an "all-income" group). The age groups used were under 1 year, 1 year, 2 years, 3 years, 4 years, 5 to 6 years, and 7 to 9 years.

A complex multistage area probability sample design that incorporated the same primary and second stage sampling units developed for the CSFII/DHKS 1994-96 was used to select children for the CSFII 1998. The same 62 PSU's that were selected for the CSFII/DHKS 1994-96 were used for the CSFII 1998. The PSU's were selected with probabilities proportional to the 1990 population. From each PSU, the 24 area segments used in the last 2 years of the CSFII/DHKS 1994-96 were used for the CSFII 1998. Those 24 segments were selected because they were the segments with the most up-to-date listing information.

Dwelling units (DU's) were selected from the area segments using listing information from the CSFII 1994-96 along with quality control procedures referred to as the "missed structure" and "missed dwelling unit" procedures. In preparation for the CSFII/DHKS 1994-96, interviewers had listed over 210,000 DU's within the 1,488 area segments included in the CSFII 1998. DU's that had been selected for the CSFII/DHKS 1994-96 were excluded from the CSFII 1998 sample. A sample of 65,519 DU's (i.e., an average of 44 DU's per sample segment) was drawn for the CSFII 1998 from the existing area segment listings. An additional 2,905 DU's were added to the sample through quality control procedures referred to as the "missed structure" and "missed DU" procedures. Thus, 68,424 DU's were selected for the CSFII 1998.

Each sampled dwelling unit was screened to determine whether it contained children who were eligible for the survey. From the DU's with children 9 years of age or younger, a sample of eligible children was selected by a probability sampling process designed to achieve the target sample sizes. Finally, to increase the number of 3-year-old girls in the sample, a special "supplemental" sample was selected and fielded in the fourth quarter of the study. The sampling procedures described above resulted in the initial selection into the sample of 6,413 children (including 2,100 low-income children).

For more detailed information on the CSFII 1998 sample design, see "Sample Design -- Supplemental Children's Survey to the 1994-96 Continuing Survey of Food Intakes by Individuals (CSFII 1998)", which is included on Disk 1 in \pdf\files\98_samp.pdf.

3.2 Data collection

3.2.1 CSFII/DHKS 1994-96 and CSFII 1998

The CSFII 1998 methods were identical to those used in the CSFII 1994-96. Data were collected by Westat, Inc. Prior to data collection, listers visited every sample address in person to determine by visual inspection whether that location represented a dwelling unit (see section 3.6, "Glossary," below). An introductory letter and a brochure describing the survey were mailed to each dwelling unit 1 week before the initial in-person contact by the interviewer. In all materials for respondents, the survey was referred to as the "What We Eat in America" survey rather than by the official survey name. To contact individuals in the dwelling units, interviewers made at least four visits before referring the case to a supervisor. In a number of difficult cases, contact attempts exceeded the level of effort required by the contract in order to complete the interview. In cases where a dwelling unit was determined to contain a household but the household could not be contacted after four visits, interviewers were instructed to ask two neighbors for information on the number of household members and their sexes and ages as well as on the time household members were most likely to be home. At each dwelling unit, the interviewer attempted a screening interview to determine whether any members of the household were eligible to participate in the survey. Any household member 18 years of age or older was an acceptable respondent for the screening questionnaire (screener). However, it was recommended that interviewers attempt to conduct this portion of the survey with either the main meal planner/preparer (see section 3.6, "Glossary," below) or a person knowledgeable about household characteristics such as income because those persons were the preferred respondents for the household questionnaire, which typically followed the screener. It was not necessary for the respondent(s) completing the screener and/or household questionnaire to be sample persons (see section 3.6, "Glossary," below). If a household member (see section 3.6, "Glossary," entry for "Household") refused to complete the screener, the interviewer was instructed to ask the household member for information on the number of household members and their sexes and ages so that the number of eligible respondents could be determined. (The number of eligible respondents was important for calculating the response rates provided in documentation section 4, "Response Results.")

At the beginning of the screening interview, the interviewer reminded the respondent about the letter and brochure that had been sent and provided new ones if the respondent did not remember. During the interview, information was collected on the number of persons living in the household; the first name of the person or one of the persons who owned or rented the home (reference person); the first name of the reference person's spouse, if any; and the first name, race, ethnicity (Hispanic or non-Hispanic), date of birth, age, sex, and relationship to the reference person of any other people living in the household, including friends, relatives, roomers, boarders, employees, and

household members who were away from home at the time of the interview but who usually lived there.

One screener question asked whether the total income of all household members from all sources during the previous year was more or less than an amount specific to the household's size. That question was part of the strategy for meeting the low-income sample size goals discussed in documentation section 3.1, "Sample Design." In the CSFII 1994-96, the screener income question was asked only when the household included individuals in sex and age groups specified in the sampling message for that dwelling unit.

The maximum income level used, where necessary, during the screening process to determine the household's eligibility for inclusion in the low-income group corresponded to 130 percent of the Federal poverty guidelines (DHHS 1998), which are based on household size and income. This income level was selected because it is the same as one of the income criteria used to determine whether nonelderly households are eligible to participate in the Food Stamp Program. Not all households meeting the income criteria are eligible for food stamps; other criteria, such as asset limitations, must also be met. The CSFII 1994-96 and CSFII 1998 screened households for income level only, not for food stamp eligibility.

At households where one or more sample persons were selected, the interviewer administered the household questionnaire--a series of questions about the educational level and employment status of household members 15 years of age and older, household income, food assistance program participation, food expenditures, and some other food-related practices. During the household interview, the interviewer asked the respondent to identify the "female head of household" and the "male head of household"; this question was included for the benefit of researchers who wish to make historical comparisons involving those variables. Interviewers made up to three visits after screening to complete the household questionnaire before referring the case to a supervisor.

Interviewers' visits were scheduled in a manner designed to ensure that at least 10 percent of day-1 food intake interviews took place on each day of the week. A label specified 3 days of the week that would be acceptable for collecting day-1 food intake information from that attached to the survey materials for each household. Repeated in-person visits were made as necessary to attempt to complete day-1 intakes with sample persons on the scheduled days of the week. In some cases, when repeated visits had been made on different scheduled days and at different times, interviewers were permitted to change the day of the week in order to obtain an interview. In households with more than one sample person, if one of the sample persons was not at home when the interviewer visited, the protocol required the interviewer to make up to three additional visits in an attempt to obtain a day-1 intake for that sample person. Often the number of visits required by the contract was exceeded in order to obtain the interview. An extensive range of

strategies was employed in order to convert refusals, sometimes involving efforts by two or more interviewers.

Day-1 intakes were to be collected in person. Before conducting the day-1 interview, the interviewer told the sample person that her or his participation would involve two in-person interviews (and possibly, for one sample person in the household, the DHKS interview by telephone). At the conclusion of the day-1 interview, the interviewer notified the sample person that she or he would be returning in a few days to conduct another interview.

According to the survey protocol, the day-2 interview was to be conducted 3 to 10 days after the day-1 interview but not on the same day of the week. In the CSFII 1994-96, less than 1 percent of day-2 interviews were conducted sooner than 3 days after the day-1 interview, 20 percent were conducted more than 10 days after the day-1 interview, and 1 percent were conducted on the same day of the week as the day 1

intake exactly 1 week later. In the CSFII 1998, less than 1 percent of day-2 interviews were conducted sooner than 3 days after the day-1 interview, 17 percent were conducted more than 10 days after the day-1 interview, and 2 percent were conducted on the same day of the week as the day 1 intake exactly 1 week later. Five percent of day-2 interviews in the CSFII 1994-96 and 16 percent in the CSFII 1998 were conducted by telephone, with supervisory permission. Sample persons interviewed by telephone were asked to report food quantities using the measuring guides that had been used in the day-1 interview (described below) and given to the household.

The day-1 and day-2 questionnaires were very similar. Both included a 1-day dietary recall using a multiple-pass method in order to maximize the sample person's ability to remember what she or he ate and drank [Tippett and Cypel (eds.) 1997, DeMaio et al. 1993, Guenther et al. 1995]. For the CSFII 1998, the introduction was revised to delete references to coffee and alcoholic beverages, and the category "alcoholic beverage break" was deleted from the card the interviewer handed the respondent as an aid in naming the eating occasion. These changes were made to both day-1 and day-2 questionnaires.

The 1-day recall began with the sample person being asked to report everything eaten or drunk the previous day between midnight and midnight. The interviewer did not interrupt the sample person during this initial listing of the day's intake. The sample person was invited to add any other items remembered as the interview progressed. Then, for each food and drink listed, the interviewer asked the name of the eating occasion and the time it began.

The interviewer used a Food Instruction Booklet (FIB) to probe for a complete description of every food item and the amount eaten. Under each appropriate category of food/drink listed in the FIB, there was a list of the questions (probes) the interviewer was required to ask in order

to collect enough detail for the food to be coded. Probes varied with the type of food or beverage being recalled. Some examples of FIB probes are "What was the brand name?" and "Were they regular, reduced calorie, high fiber, or something else?" When appropriate, questions were asked about the use of salt ("Was salt used in cooking or preparing the [food]?") and fat ("Was any kind of fat or oil used in cooking or preparing the [food]?") in food preparation and about additions ("Did you add anything to the [food]?"). The interviewer was directed to ask for ingredients in some categories (for example, soups; tacos, burritos, enchiladas, and fajitas; sandwiches; salads; and mixed dishes, casseroles, and stews). Interviewers were required to use the FIB to obtain a detailed description of every food item recalled by the sample person, including additions remembered as the result of questions asked in describing another food. The FIB also suggested the types of measures (weight, volume, or size) appropriate for the food.

For the CSFII 1998, the FIB was refined to reflect some changes in food products since 1996, as well as changes in food terminology. For example, food label regulation changes for milk that went into effect in January 1998 narrowed the use of the term "lowfat" from 1-percent or 2-percent milk to only 1-percent. The regulations also introduced the term "reduced-fat" for 2-percent milk. As a consequence, the term "low-fat" for milk was deleted from FIB probes, and respondents were asked to specify the percent fat in the milk they used.

Measuring guides used to aid the sample person in estimating amounts were household measuring cups (1/4 cup, 1/3 cup, 1/2 cup, and 1 cup) and spoons (1/4 teaspoon, 1/2 teaspoon, 1 teaspoon, and 1 tablespoon); a 12-inch ruler with 1/8-inch increments marked; "thickness sticks," a set of 8 small rectangular pieces of hard plastic, each 1/8 inch in thickness; a laminated card printed with concentric circles 1 inch to 6 inches in diameter, two perpendicular 6-inch rulers, pictures of a fish filet and chicken parts, and diagrams specifying the dimensions to be measured or estimated when describing and quantifying various shapes. The cups and spoons could also be used to measure the capacity of tableware. One additional measuring guide, a 2-cup measuring cup, could be used only when the sample person referred to a bowl or cup in her or his home. The sample person could then fill the bowl or cup with water to represent the amount eaten or drunk, and the interviewer could measure the volume of water by pouring it into the 2-cup measure.

After each item on the initial list of the day's intake had been described and quantified, the interviewer reviewed for the sample person all the foods listed for each eating occasion and probed for additional foods eaten before the first eating occasion listed, in between listed occasions, and after the last occasion listed. Then, for each food or drink reported, the interviewer asked where it was obtained and whether it was eaten at home or not. For foods eaten away from home, the sample person was also asked whether the food or drink had ever been in the home before it was eaten; this question was included for the benefit of researchers choosing to make historical comparisons involving the

variable "food from the home supply." Additional questions asked on both day 1 and day 2 pertained to whether the sample person's intake on the previous day had been usual or unusual and why, how much plain drinking water the sample person drank on the previous day and whether it came from home or another source, and how many hours of television or videos the sample person watched on the previous day. Further questions in the day-1 questionnaire included the type of salt usually used by the sample person and frequency of use at the table; whether the sample person was on a diet and, if so, the type and source of the diet; whether the sample person considered herself or himself to be vegetarian; frequency of vitamin or mineral supplement use and type of supplement; use of fish oil and fiber supplements; whether the sample person ever had a blood cholesterol check; self-reported height and weight (without shoes); self-assessed health status; food allergies; physician-diagnosed medical conditions; frequency of vigorous exercise; cigarette smoking status and number of cigarettes smoked per day; and consumption (ever or never) of alcoholic beverages during the past 12 months. The day-2 interview contained an additional question on the consumption (ever or never) of 28 foods during the past 12 months. For the CSFII 1998, questions on exercise, smoking, and consumption of alcoholic beverages were removed from the questionnaires.

Proxy interviews were conducted routinely for child sample persons under 6 years of age and any other sample persons (including adults) who could not report for themselves due to physical or mental limitations; proxy interviews were not permitted for any other reason. Proxy interviews were not considered to be an acceptable substitute for an in-person interview with adult sample persons who were difficult for the interviewer to reach or who were nonrespondents. Child sample persons 6 to 11 years of age (6 to 9 years of age in CSFII 1998) were asked to provide their own food intake data assisted by an adult household member (referred to as the assistant). The preferred proxy or assistant was the person responsible for preparing the sample person's meals. If the sample person, proxy, or assistant could not provide enough descriptive or quantitative information about the foods eaten, it was sometimes necessary to seek that information from another caregiver such as a babysitter or school cafeteria personnel. It was permissible for any number of caregivers to contribute intake data for a sample person.

The first use of Spanish-language questionnaires in the CSFII and DHKS was in 1994-96. Interviewers who were bilingual in English and Spanish were provided with questionnaires and survey materials translated into standard Spanish and received an extra day of training in their use. The Spanish questionnaires reduced the number of language barrier cases and provided a standardized translation of the questionnaire content. They also minimized the need for interpreters, a practice that raises concerns about consistency of interpretation and interview length. If a sample person spoke neither English nor Spanish, a family member or neighbor 16 years of age or older was permitted to serve as an interpreter. Spanish questionnaires were used in 2.8 percent of CSFII

1994-96 interviews (excluding screeners) and 4.4 percent of CSFII 1998 interviews.

The CSFII 1994-96 and CSFII 1998 used in-kind incentives. The interviewer told the screener respondent that each participating household would receive a gift. A set of measuring cups and spoons was given to the screener respondent after the screener was completed and the household was found to contain any sample person(s). An insulated nylon sack was given to each sample person prior to the collection of the intake, and at the conclusion of the day-2 interview each responding sample person received a thank-you gift for participating. In 1994-96, the gift was a travel-type beverage mug. In 1998, it was a plastic food storage container.

Average questionnaire administration time in the CSFII 1994-96 was about 7 minutes for the screener, 19 minutes for the household questionnaire, 32 minutes for the day-1 intake, and 29 minutes for the day-2 intake. Average questionnaire administration time in the CSFII 1998 was about 7 minutes for the screener, 20 minutes for the household questionnaire, 32 minutes for the day-1 intake, and 30 minutes for the day-2 intake.

3.2.2 Diet and Health Knowledge Survey 1994-96

The DHKS was conducted only with respondents 20 years of age and older and so was not part of the CSFII 1998. This section is included because DHKS 1994-96 data are included in this release.

The Diet and Health Knowledge Survey was conducted as a telephone follow-up to the CSFII 1994-96. According to survey design, telephone contact was to be initiated 2 to 3 weeks after the day-2 intake. For households without telephones or with unlisted numbers not provided to interviewers, in-person interviews were the designated mode of contact.

When all sample persons in a household either had completed a day-1 intake or had been judged to be day-1 nonrespondents, the DHKS respondent was randomly selected by a computerized process from among eligible CSFII sample persons 20 years of age and over who had provided a day-1 intake. Sample persons were not eligible if their intake(s) had been completed by proxy, nor were any proxies allowed to complete the DHKS. Due to these criteria, not all households had a DHKS respondent. The interviewer scheduled an appointment for the telephone interview when the selected DHKS respondent had completed a day-2 intake. The same interviewer who administered the CSFII typically administered the DHKS. This continuity of interviewers maintained any rapport established between interviewer and respondent and was expected to have a beneficial effect on the response rate. Interviewers operating out of their own homes administered the questionnaire from a hard copy without computer assistance.

The interviewer mailed a DHKS reminder card 3 to 5 days prior to the scheduled interview. In addition to the appointment date and time, this card contained a list of response categories for selected questions in the DHKS questionnaire. During the interview, the respondent was directed to look at the set of response categories applicable to a particular question, thus reducing the need for the interviewer to repeat the response options. The card served both as an appointment reminder and as a means of improving the flow of the interview.

The first telephone contact was attempted on the scheduled day and time; if this attempt was unsuccessful, additional calls were made as needed at different times of the day and on different days of the week to reach respondents. The survey protocol required at least six telephone attempts at each number (as needed to obtain the interview), followed by four in-person visits. In a number of difficult cases, contact attempts exceeded the required level of effort in order to complete the interview. Overall, the DHKS interview in 1994-96 took an average of 30 minutes to complete; it took longer to complete the DHKS in person (34 minutes, on average).

The telephone interview began with a request to speak to the person with whom the appointment had been made. The interviewer identified herself or himself and reminded the respondent that during the CSFII she or he had been told she or he would be recontacted later by telephone to answer a few more questions about food and nutrition issues. The DHKS respondent's name and age were verified at this time.

The gift that was provided at the end of CSFII day 2 also served as an incentive to complete the DHKS. Pretests and interviewer debriefings suggested that interest in the questionnaire content was also a motivating factor in completing the interview for some respondents.

Of all DHKS 1994-96 interviews, 84 percent were completed by telephone and 16 percent in person. The primary reasons for conducting interviews in person were that the household did not have a telephone or that limitations were posed by respondents' physical conditions (e.g., hard of hearing, feeble). Another reason was language barrier cases where an interpreter was needed.

In 1994-96, 74 percent of DHKS interviews were completed between 2 and 3 weeks after the last CSFII interview, as contractually specified. Interviews completed earlier than 2 weeks or later than 3 weeks were considered mistimed. Four percent of cases were completed earlier than 2 weeks due to reasons such as prior knowledge of extended periods of absence from the household (e.g., hospitalization, travel) and interviewer error. In 22 percent of cases, the length of time between the CSFII and the DHKS interviews was extended beyond 3 weeks because numerous contacts were required to complete the interview. These mistimings often centered on broken appointments where respondents were, for example, too busy or not at home at the scheduled time. Refusal conversion efforts also contributed to mistimings; some cases required

intensive, prolonged efforts on the part of two or more interviewers to complete the interview.

In the DHKS 1994-96, a Spanish version of the questionnaire was available for use by bilingual interviewers. It served to reduce the number of language barrier cases and provided a standardized translation of the questionnaire content. The Spanish questionnaire also minimized the need for interpreters, a practice that raises concerns about consistency of interpretation and interview length. In 1994-96, 147 DHKS interviews (2.6 percent) were conducted using the Spanish questionnaire. In 1994-96, there were 61 cases (1.1 percent of DHKS interviews) where bilingual interviewers and telephones were not available or the respondent spoke a foreign language other than Spanish, interpreters were used. In these in-person interviews, the interpreters were required to be 16 years of age or older.

The content of the DHKS 1994-96 questionnaire was governed by a need for data on knowledge and attitudes about the Dietary Guidelines for Americans (USDA/DHHS 1990), food labeling issues, and dietary behaviors related to fat intake. Information from the DHKS can contribute to the research base needed to develop food guidance materials and identify strategies for targeting nutrition education efforts. Thus, the data collected include self-perceptions of the adequacy of intake levels of nutrients and other dietary components, awareness of diet-health relationships, perceived importance of following dietary guidance for specific nutrients and other dietary components, behaviors related to fat intake and food safety, knowledge about food sources of fats and cholesterol, and self-perceptions about weight status. Also asked in the DHKS 1994-96 was a new series of questions regarding food labels. It covered use of various sections of the food label, use of specific information on the nutrient panel, frequency of using food labels when buying specified categories of food, ease of understanding food label information, and level of confidence in food label information.

3.3 Data Processing

3.3.1 Food coding and editing

The food intake data for the CSFII 1998 were coded and edited using Survey Net, the same computer-assisted food coding and data management system used with the CSFII 1994-96. Survey Net was developed cooperatively by ARS and the University of Texas-Houston Health Science Center's School of Public Health, and was tailored specifically to the questions, quality control needs, and data processing needs of the CSFII 1994-96. A general-use version of the software, the Food Intake Analysis System (FIAS), is available to researchers interested in using ARS survey food coding and nutrient databases. [For FIAS program and price information contact the University of Texas-Houston Health Science Center, School of Public Health, P.O. Box 20186, Houston, Texas 77225. Phone: (713) 500-9775. Fax: (713) 500-9329.]

Survey Net is a multilevel software system used by both the survey contractor and ARS. It operates on a computer network with multiple users accessing a set of central databases. These include (1) a food coding database containing food descriptions and food measures with their corresponding gram weights, (2) a predefined recipe database, and (3) the Survey Nutrient Database. All three databases are available with their documentation in the \TSF98 directory on Disk 2.

Westat's food coders used Survey Net to match descriptions of foods eaten by sample persons to foods listed in the food coding database. Coders entered partial or complete words or phrases from the sample person's descriptions of foods to retrieve food codes containing the same terms. Once a matching food description was found and selected, Survey Net provided a list of common household measures (such as 1 cup or 1 small piece) appropriate for that food. Coders selected the measure corresponding to the sample person's description of the amount eaten. When descriptions of foods or quantities not present in the food coding database were encountered, they were entered as "unknowns" for ARS to resolve later.

A recipe modification feature of Survey Net allowed coders to view the predefined recipes which list ingredients and amounts for every food code in the Food coding database, and to modify the recipes to match more closely the foods eaten by sample persons. Recipes were modified primarily by deleting or substituting ingredients. Modified recipes were numbered for reference purposes and are included with the recipe database on the CD-ROM. Recipe modification numbers appear in the field MODCODE in record type 30 (rt30.dat).

There were three main purposes for recipe modifications: to record the specific type of fat, the type of milk, and the dilutions of foods. Recipes for foods such as vegetables, eggs, pasta, rice, and hot cereals were modified to reflect the type of fat (such as oil, margarine, margarine spreads, or butter) used in cooking. Recipes for foods such as puddings, soups, and beverages were modified to reflect the type of milk (such as whole, lowfat, 2-percent, 1-percent, or skim) used in their preparation. Some foods commonly modified for both type of fat and type of milk were scrambled eggs and omelets, and macaroni and cheese. Recipes for foods such as soups, infant formulas, and beverages were modified to reflect dilutions with amounts of milk or water that differed from label directions. For example, the survey recipe for orange juice was modified if one can of frozen concentrate was mixed with four cans of water, instead of three cans of water.

Another aspect of the flexibility of food coding in the CSFII 1994-96 and CSFII 1998 is the use of combination codes, whose development and auxiliary use in analyses are discussed in detail in documentation section 3.3.8, "Combination codes." Combinations were often instances of one food being added to another, such as margarine to toast or gravy to potatoes. For some types of food made up of several components that are relatively easy to describe and quantify separately (such as sandwiches

and salads) as well as for some mixed dishes, two or more food codes linked together in a food combination present a more precise picture of what was actually eaten by respondents than if a single food code is used.

Each food in the combination was coded separately and assigned the same combination type number (COMBTYP) and sequence number (COMBNUM) in record type 30 fields (rt30.dat) separate from the food code. There were 11 combination types: beverage, cereal, bread/baked product, salad, sandwich, soup, frozen meal, ice cream/frozen yogurt, vegetable, fruit, and other mixture. Two-digit sequence numbers (01 and so on) linked the foods in a particular combination with each other and distinguished them from foods in other combinations. For example, a sample person might have cereal with milk in the morning and again in the afternoon. All the components of these two combinations would be assigned the combination type number for a cereal combination. The morning cereal with milk would be assigned one sequence number, and the afternoon cereal with milk would be assigned a different sequence number.

Survey Net's capabilities include a "copy foods" feature that allowed entries from a particular eating occasion, day, or sample person to be copied to a different eating occasion or day for the same person or to the food intake of another sample person in the same household. Survey Net also automatically performed gram weight checks of food quantities entered against maximum and minimum values established by ARS for each food. This weight check allowed coders to correct entry errors immediately. Coders recorded any questions regarding their food and quantity selections in a notepad within Survey Net, which coding supervisors then reviewed and answered.

3.3.2 Processing of intakes by ARS

Westat electronically transmitted all coded intakes to ARS. All entries in each intake requiring review or resolution by ARS were highlighted in Survey Net's food summary screens. These included all "unknowns" (those foods or quantities that could not be coded by Westat coders); newly created recipe modifications; and notepad entries of questions and explanations of coding decisions. Feedback was provided to Westat on reviewed intakes.

As the final step in Survey Net processing, the nutritive value of each food eaten was calculated using the weight of the food and data from the Survey Nutrient Database. Where recipes had been modified, nutritive values reflected those modifications.

3.3.3 Food coding database

As mentioned previously, three databases are used in Survey Net. These include a food coding database (food descriptions, food measures, and gram weights of those measures); a recipe database; and a nutrient database.

The food coding database for CSFII 1998 contained 7,321 food codes, each bearing a complete description of the food and, if relevant, the preparation method. Each food code consists of 8 digits used to classify foods into groups for study. The first digit in the food code identifies one of nine major food groups: (1) milk and milk products; (2) meat, poultry, fish, and mixtures; (3) eggs; (4) legumes, nuts, and seeds; (5) grain products; (6) fruits; (7) vegetables; (8) fats, oils, and salad dressings; and (9) sugars, sweets, and beverages. The second, third, and (sometimes) fourth digits of a food code identify increasingly more specific subgroups within the nine major food groups. The remaining digits are used for identification of particular foods within a numerical sequence.

Documentation section 12.1, "Food Coding Scheme," provides an outline of the major food groups and subgroups identified by the first 1 to 3 digits of the food code. Documentation section 12.2, "Food Codes and Abbreviated Descriptions," provides a list of the complete 8-digit food codes with abbreviated descriptive information about each code. Below are examples of the information found in documentation section 12.2.

CODE NUMBER	ABBREVIATED FOOD DESCRIPTION
28141010	Chicken, fried, pot, veg, dessert (froz meal, lg meat)
53105260	Cake, choc, devil's food/fudge, w/icing, homemade

More detailed food descriptive information is available on Disk 2 in the following files -- Food Description File (\tsf98\fcdb\cbdes.txt), Food Includes File (\tsf98\fcdb\cbincl.txt), Subcode Descriptions File (\tsf98\fcdb\cbsubdes.txt), and Subcode Includes File (\tsf98\fcdb\cbsubinc.txt). For example, information from the Food Descriptions and Food Includes files is provided below for both food items listed above.

CODE NUMBER	COMPLETE FOOD DESCRIPTION
28141010	Chicken, fried, with potatoes, vegetable, dessert (frozen meal, large meat portion) (Include Banquet Extra Helping Fried Chicken Dinner; Swanson Hungry Man Fried Chicken Dinner)
53105260	Cake, chocolate, devil's food, or fudge, with icing, coating, or filling, made from home recipe or purchased ready-to-eat (Include chocolate, devil's food, or fudge, NS from

home recipe, from mix or bought RTE;
Jack-in-the-Box Double Fudge Cake)

Sample persons varied in their knowledge of foods as well as in their ability to recall or describe foods eaten. Thus, the descriptions of foods provided by sample persons varied from very specific to very general. Also, sample persons could not always provide details regarding food preparation (such as the method of cooking or whether the food was cooked with or without fat); the original form of the food (such as fresh, frozen, dry, or canned); or the ingredients in a mixture.

Generally, foods reported with complete descriptions were assigned codes that preserved the identity or name of the food and the amount of detail specified. However, if the description of a food was general, such as "bread," "juice," or "beef," a "not further specified" (NFS) code was assigned. (See documentation section 3.3.5, "Recipe database.") In other cases, foods were reported with descriptions lacking only one detail. These foods were placed in codes providing as much detail as given and noting the one lacking detail as "not specified" in the code description, e.g., "chicken breast, fried, no coating, not specified as to skin eaten."

Identification by brand names is widespread in the food coding database. Several types of survey codes are specific to brands in the description of the code or in the weights provided. Codes may be unique to a particular brand if warranted, such as for breakfast cereals that differ in fortification levels, or they may encompass several brands of similar foods, such as cheese crackers. When appropriate, measures and their gram weight equivalents are specified by brand.

The guidelines used to decide if a new code is needed for a brand name food are the same as for other foods. A new code may be created for one or more of the following reasons: (1) no code presently exists for a food similar to the food reported, (2) the reported food contains either sizable amounts or intentionally reduced amounts of one or more nutrients, (3) the food is likely to be reported again, or (4) the form or type of food is of special interest to data users. Special effort is made to incorporate ethnic foods and foods modified to be lower in fat, sodium, or sugar.

3.3.4 Food measures and weights

Prior to the CSFII 1994-96, the food coding database's list of food measures and their corresponding weights in grams were examined for consistency by a Weights and Measures Team that included members from both ARS and the National Center for Health Statistics, U.S. Department of Health and Human Services. Cubic inch weights of many meats and fluid ounce weights of beverages were reviewed and revised if necessary. Cup weights for breakfast cereals and fluid ounce weights for infant formulas were updated based on new information from the manufacturers.

Dimensions were added to the measure description for many fresh fruits and vegetables. New foods and ethnic foods were prepared and weighed in a USDA food laboratory and added to the database. Brand-specific and household measures as needed were also added to the list. There are presently over 30,000 weights for measures of foods in the food coding database.

3.3.5 Recipe database

The purpose of the recipe database is to provide information for use during generation of the Survey Nutrient Database. It contains a recipe entry for each unique food code in the food coding database. These entries include ingredients and their amounts, as well as information for determining changes that may occur in nutrients during cooking. Foods that are not mixtures, e.g., whole milk, are represented as single-ingredient recipes. Ingredients are identified with codes linking them to the Primary Data Set of nutrient values (see documentation section 3.3.6.2, "Primary Data Set"). The recipe database also serves as public documentation for how nutrient values were calculated for each survey food code. Recipes are considered "representative," meaning they are not exact for every sample person nor were they developed to determine the intake of specific food ingredients. A variety of popular, regional, and specialty cookbooks were consulted to aid in constructing representative recipes. Recipes for many of the commercially available mixtures were estimated from label information (Marcoe and Haytowitz 1993).

In preparation for the CSFII 1994-96, recipes for "Not Further Specified" (NFS) food codes were reviewed. These NFS codes are used when sample persons are unable to provide further detail about a food. For example, the "Milk, NFS" code is used when sample persons do not give the fat content of the milk they drank. The present recipe for "Milk, NFS" is a composite of whole milk, 2-percent milk, 1-percent milk, and skim milk in proportions that reflect milk production statistics. The "Milk, NFS" recipe is revised each year to reflect the most current production data. Recipes for other NFS codes may be based on composites, as for milk, or they may be based on the form of food most frequently consumed in the food group in question. For example, the recipe for "Bread, NFS" is white bread.

3.3.6 Survey Nutrient Database

About the Survey Nutrient Database

The Survey Nutrient Database is maintained specifically for use with nationwide food surveys (Perloff et al. 1990). It is updated once a year when a nationwide food survey is under way. Its source of nutrient values

is the Primary Data Set of nutrient values maintained in the ARS Nutrient Data Laboratory (see "Primary Data Set" below).

The Survey Nutrient Database includes values for food energy and the following nutrients and food components: protein, total fat, saturated fatty acids, monounsaturated fatty acids, polyunsaturated fatty acids, 19 individual fatty acids, cholesterol, total carbohydrate, dietary fiber, vitamin A (as international units and as retinol equivalents), carotenes, vitamin E, vitamin C, thiamin, riboflavin, niacin, vitamin B-6, folate, vitamin B-12, calcium, phosphorus, magnesium, iron, zinc, copper, sodium, potassium, alcohol, moisture (water), selenium*, caffeine*, and theobromine*. Values for the three items with asterisks (*) were added to the database for the first time with this release.

The Survey Nutrient Database contains two files of nutrient values: (1) The Survey Nutrient Values, Set 1, which includes data for each unique survey food code from the food coding database (see documentation section 3.3.3, "Food coding database" above); and (2) the Survey Nutrient Values, Set 2, which is identical to Set 1 of the Survey Nutrient Values with the following exception: In recipes where salt is considered an optional ingredient, it was removed from the recipe before the nutrients were calculated.

Both Set 1 and Set 2 of the Survey Nutrient Values were used during the last step of Survey Net processing when the nutritive value for each consumed food was calculated. If the sample person indicated salt was used in cooking the food, or if she or he did not know, data were selected from Set 1. If salt was not used, data were selected from Set 2.

Primary Data Set

The Primary Data Set of nutrient values is maintained by the ARS Nutrient Data Laboratory in support of the National Nutrition Monitoring and Related Research Program. These nutrient values are used to create the Survey Nutrient Database. The Primary Data Set is updated each year when a nationwide survey is being conducted. The main source of data for this version of the Primary Data Set (1998) was Release No. 11 of the USDA Nutrient Database for Standard Reference (USDA/ARS 1996), the same as used for the CSFII 1994-96. Unpublished data collected by the Nutrient Data Laboratory were also used as needed, especially for new products and for foods that recently changed. The most notable changes were to folate values as discussed below. As the survey was conducted, data for new foods were added as they were reported by sample persons, and the final number of foods in the data set was 3,067. New values in the Primary Data Set can be identified by the "date added/modified" field [see 1998 formats document accompanying the Technical Support Files (on Disk 2 in \tsf98\formats\formats.txt)].

Selenium, caffeine, and theobromine values were added to the Primary Data Set for this release. The selenium content of plants, in particular cereal grains, is strongly influenced by the quantity of biologically available selenium in the soil in which they grow and, hence, their geographical origin (Holden et al. 1991). Values for major dietary contributors of selenium are based on laboratory analyses of food samples drawn from retail outlets according to nationwide sampling plans, in order to provide average values appropriate for national food surveys (Holden et al. 1991, Gebhardt et al. 1990).

Most of the values for major contributors of nutrients are supported by laboratory analyses (Matthews 1991). Nutrient values not available from laboratory analyses were imputed by Nutrient Data Laboratory nutritionists from data for other forms of the food or from data for similar foods (Gebhardt 1992). For each value in the Primary Data Set, a source code is present that indicates whether the value is analytical or imputed.

Folate values in this version of the Primary Data Set were updated to reflect regulations that became effective on January 1, 1998, requiring the addition of folic acid to enriched cereal grain products subject to standards of identity (DHHS/FDA 1996). These products include flour, cornmeal and grits, farina, rice, macaroni, noodles, bread, rolls, and buns. Folic acid may continue to be added (with some restrictions on amounts) to breakfast cereals, infant formulas, medical foods, food for special dietary use, and meal replacement products. For the most part, values in this data set were calculated based on enrichment levels specified in the regulations, since analytical values were not yet available. For those foods where the enrichment level is given as a range, the midpoint was used to set the value. Food items containing any of these products as ingredients, such as baked products made with enriched flour, were also updated.

The state of analytical methodology for measuring nutrients in foods has been evaluated by Beecher and Matthews (1990), and they reported that adequate methodology for folate is lacking. The current microbiological method approved by the Association of Official Analytical Chemists International applies only to foods that contain the free forms of the vitamin. Data generated by ARS for use in food composition databases were obtained by a modified method using enzymes to release bound forms. Recent research on determining the folate content of high-protein and high-carbohydrate foods indicates that additional improvements in methodology are needed (Martin et al. 1990).

Data users should note that values for carotenes are those used by ARS in arriving at the values for total vitamin A and are not solely beta-carotene. Also, the values for vitamin E (quantified as alpha-tocopherol equivalents) are based on somewhat limited data.

Recipe calculations

Entries in the recipe database identify the Primary Data Set (PDS) item(s) used to derive the Survey Nutrient Values, Set 1 and Set 2. As mentioned in the recipe database discussion, some survey food codes have a one-to-one correspondence with items in the Primary Data Set and are represented by single ingredient recipes, such as the following:

Survey food code:
111-12110, Milk, cow's fluid, 2% fat
Recipe ingredient:

PDS Number	PDS item	Amount
01079	Milk, 2% Fat, with Vit A	100 grams

However, many survey food codes require multiple ingredients, for example:

Survey food code:
423-01010, Peanut butter sandwich
Recipe ingredients:

PDS Number	PDS item	Amount
16098	Peanut butter	24.0 grams
18069	Bread, white	52.0 grams

The retention factor method (Powers and Hoover 1989) was used for calculating the nutrient content of recipes. Perloff has described how this method is used for generating values in the Survey Nutrient Database, including how factors estimating changes in nutrients due to cooking or processing are used in the calculations (Perloff 1985). Factors for calculating moisture and fat changes are stored in each recipe. Factors for estimating losses in 18 vitamins and minerals are stored in a separate data file, the Nutrient Retention Factors File, which is accessed during the recipe calculation procedure. The presence of special codes in the recipe entries indicate when the retention factors are used. Retention factors for selenium and vitamin E are not available.

3.3.7 Multi-year databases

The nutrient intake data for the CSFII 1998 were calculated using the 1998 values from the multi-year food coding, nutrient, and recipe databases that are included only on Disk 2. Some foods changed between the CSFII 1994-96 and the CSFII 1998. For example, folic acid is now added to enriched grain products. In such cases, both the Primary Data Set and the Survey Nutrient Database contain multiple records for the different nutrient levels in the food. Multiple records also exist for some food weights and recipes. Multiple records do not exist for modified recipes.

All records in the multi-year food coding, nutrient, and recipe databases have start- and end-date fields indicating the time period when each record was available for coding. These date fields can be used to extract a single-year version from the multi-year database.

3.3.8 Combination codes

Rationale for and development of combination codes

A notable feature available on the CSFII 1994-96 and 1998 combined data set is combination codes. Data users can find combination code data in record type 30 (rt30.dat) fields COMBNUM (positions 104-5) and COMBTYP (positions 106-7). There were no changes in combination codes between CSFII 1994-96 and CSFII 1998.

Combination codes were developed for two distinct purposes. First, a greater level of specificity in coding is possible when sufficient detail about the foods that make up a combination is collected. For some foods, two or more food codes linked together in a food combination present a more precise picture of what was actually eaten by respondents than if a single food mixture code is used. Second, the use of combination codes provides insight into patterns of food consumption--what types and amounts of foods are eaten together and what types and amounts of foods are eaten as separate items. This information is helpful in answering questions about not only what people are eating, but how they are eating it and how much. For example, do adults and children consume milk differently? Do adults get more of their milk from drinking it as a beverage, or from adding it to another food, such as coffee or cereal?

Recognition of the need for a way to express food combinations through multiple food codes began with the NFCS 1977-78. For the NFCS 1977-78, three "partition codes" were developed to indicate foods that were part of a sandwich, part of a salad, or part of a frozen meal, as shown in table 3-1 on the next page. Approximately 12 percent of all foods were assigned one of these partition codes.

Table 3-1. Use of partition codes and combination codes, NFCS 1977-78 through CSFII 1996

	1977-78 NFCS#	1985-86 CSFII*	1987-88 NFCS#	1989-91 CSFII##
-----Percent-----				
Partition code type:				
Sandwich	10.7	13.0	12.6	13.1
Salad	1.0	4.2	4.0	3.9
Frozen meal	**	**	**	NA
Mixture	NA	1.7	1.7	2.2
Soup	NA	.1	.1	.2
Beverage	NA	NA	8.3	9.3
Missing	.1	**	**	NA
Single item	88.2	81.0	73.3	71.3

	1994 CSFII	1995 CSFII	1996 CSFII
-----Percent-----			
Combination type:			
Sandwich	13.8	13.7	14.8
Salad	5.1	5.1	5.2
Frozen meal	**	**	.0
Other mixture	5.0	5.3	5.3
Soup	.6	.6	.5
Beverage	7.4	8.3	8.1
Cereal	6.1	6.3	5.9
Baked product	7.2	7.3	7.2
Ice cream	.4	.4	.5
Vegetable	3.5	3.8	3.8
Fruit	.4	.5	.4
Single item	50.5	48.8	48.5

#Basic sample.

*Women and children, basic and low-income samples.

##Combined basic and low-income samples.

** Calculated value is <0.1%.

The number of partition codes and the utilization of these codes increased gradually through the years. In the CSFII 1985-86, partition codes were added for mixtures and for soups, and 19 percent of all foods were assigned a partition code. In the NFCS 1987-88, a partition code was added for beverages with additions (for example, coffee with cream and sugar) or with multiple ingredients (for example, "health shakes," that is, milk- or juice-based drinks with fruit, cereals, and other

ingredients pureed together), and the percent of foods assigned a partition code increased to 27 percent.

The increased use of partition codes was also due to the concurrent increase in the number of nutrients in the Survey Nutrient Database, such as fiber. Greater specificity in reporting and coding of foods was necessary in order for appropriate nutrient values to be assigned. The use of partition codes allowed this information to be coded and at the same time avoided having to add unmanageable numbers of new food codes.

In the CSFII 1994-96, nearly one-half of all foods items were reported in combination. This near-doubling in the number of foods that were part of a combination is attributable in part to two major changes in the way mixture information was collected and coded. First, there was an expansion of the concept of "partition codes" with the addition of five more combination codes for cereal, baked product, ice cream, vegetable, and fruit combinations. These codes were used to code the ingredients in selected mixtures, as well as to link accompanying food items with the foods they were combined with "at the table," such as cream cheese on a bagel, margarine on a baked potato, or banana or berries on cereal. Second, the Food Instruction Booklet (FIB) was revised to standardize the collection of details about additions to foods and about mixtures, thus enabling greater specificity in food coding.

Data collection and coding of combinations in the CSFII 1994-96

The FIB is described in documentation section 3.2.1, "CSFII/DHKS 1994-96 and CSFII 1998." Under each category of food/drink in the FIB, there was a set of questions (probes) the interviewer was required to ask in order to collect enough detail for the food to be coded. For the CSFII 1994-96, major changes made to the FIB include not only more food categories, but also more standardized probes, including probes about ingredients of foods and any additions to foods.

For the CSFII 1994-96, interviewers and coders were trained on how to record and code combinations. Following instructions in the FIB, the interviewers recorded ingredients of mixtures such as sandwiches and salads and placed brackets around them to identify them as one food item eaten. They also used brackets to link foods added together "at the table," such as the cream added to coffee and the jam spread on toast. Coders used this information to code the foods as eaten in combination. If insufficient information was available to code separately all the food items included in a salad or sandwich (for example, when detailed descriptions or amounts of ingredients were not given), the coder would attempt to find a close single-code match for the combination in the food coding database.

If enough information was available to code a combination as two or more separate food items, all food codes for that combination were assigned

both a combination type number and a sequence number. The coder chose the combination type from a list of categories provided by ARS (see table 3-2 below). Each combination was assigned a sequence number which served to distinguish that particular combination from other combinations consumed by that sample person on that intake day. The combination type and sequence number are labeled as COMBTYPE and COMBNUM, respectively, on record type 30 (rt30.dat).

Table 3-2. Combination types (and type numbers)--foods with additions or foods in combination

Beverage (01)--

- * Coffee/tea with: milk, cream/cream substitute; sugar/sugar substitute
- * Water with: lemon; lime; fruit juice
- * Infant formula with: instant baby cereal added to formula
- * All milkshake/float ingredients coded separately
- * All beverage/mixed drink ingredients coded separately

Cereal (02)--

- * Ready-to-eat breakfast cereals with: milk; sugar/sugar substitute; fruit
- * Cooked cereals such as oatmeal, cream of wheat, grits with: milk; sugar/sugar substitute; fruit; margarine/butter; gravy
- * Several breakfast cereals in a mixture coded separately
- * Instant baby cereal with: formula, milk, water, beverage added

Bread/baked product (03)--

- * Toast, rolls, buns, bagels, biscuits, muffins, sweet breads, pancakes (including potato), waffles with: margarine/butter; jam/jelly; cheese/cream cheese; whipped cream; syrup; fruit; gravy
- * Cakes, pies, brownies, cookies with: ice cream; whipped cream; fruit
- * Crackers with: meat; cheese; dip; peanut butter; jam/jelly; margarine/butter
- * Nacho chips/corn chips with: cheese; dip; refried beans, etc. (nacho supremes)
- * Rice cakes with: peanut butter; jelly; cheese, etc.
- * Tortilla with salsa

Salad (04)--

- * All salad ingredients coded separately and/or additions
- * Green leafy salads, pasta salads, fruit salads, potato salad, taco salad, egg salad
- * Salad dressing added to salad

Sandwich (05)--

- * All sandwich ingredients coded separately and/or additions
- * "Filled" tacos, enchiladas and burritos
- * Hamburger, hot dogs with ingredients coded separately and/or additions
- * Quesadilla

Soup (06)--

- * Soup with: crackers; cheese; croutons; green spring onions
- * All soup ingredients coded separately and/or additions

Frozen meal (07)--

- * Frozen meal with: catsup, tartar sauce, margarine/butter
- * All frozen meal ingredients coded separately

Ice cream/frozen yogurt (08)--

- * Ice cream or frozen yogurt with: syrup; toppings; fruit; nuts; whipped cream; candy; cookies
- * All ingredients of a sundae coded separately

Vegetables (09)--

- * French fries with: catsup; gravy; steak sauce; vinegar; dressing
- * Potato chips with: dip
- * Potatoes with: gravy; sour cream; toppings; butter/margarine added
- * Beans, legumes with: sauce; margarine/butter
- * Vegetables (not specified as salad) with: margarine/butter; sauce; dip; dressing
- * Vegetables in a mixture coded separately

Fruit (10)--

- * Fruit with: whipped topping; sugar; milk/cream; syrup; honey
- * Fruits in a mixture (not specified as salad) coded separately

Other mixtures (99)--

- * Rice with: butter; gravy; sauce
 - * Pasta/spaghetti with: butter; gravy; sauce
 - * Meat, poultry, fish with: gravy; sauce; onions
 - * Eggs with: catsup, salsa
 - * Pizza with: grated cheese
 - * Yogurt (not frozen) with: nuts, fruit, cereal, etc.
 - * Foods/mixtures of foods that do not fit in other combination categories
-

 Examples of analyses using combination codes

The presence of combination codes in the CSFII 1994-96 and 1998 combined data set may be useful in planning analyses, especially concerning salads, sandwiches, or foods combined "at the table," such as cereal and milk or corn chips and salsa. Examples 1 and 2 below illustrate how using combination codes can affect frequencies and mean food and nutrient intakes. Example 3 illustrates how combination codes can also provide insight into food consumption patterns.

Two-day intake data from the CSFII 1994 were used for all examples. The estimates are unweighted.

Example 1 (using combination types to measure frequency and mean intake of specific food mixtures)--To fully account for all reports of a food mixture such as a sandwich or salad, consideration must be made of the different ways that foods may have been recorded and coded. Depending on how a food was reported, it may have been coded as a single item or as multiple items linked via a combination type and sequence number. Including both ways of reporting in an analysis requires familiarity with the food coding database, but it can give a more complete picture of the consumption of that food.

For instance, suppose the research objective was to determine consumption of hamburgers and cheeseburgers. All of the hamburgers and cheeseburgers that were coded as a single item received codes in the range 275-10210 through 275-10690 in the CSFII 1994 food coding database. The number of reports, mean intakes by sex-age group, and sources of hamburgers and cheeseburgers coded as a single item are presented in tables 3-3 and 3-4.

Table 3-3. Number of reports and mean intake of hamburgers and cheeseburgers, single-code items only*, CSFII 1994 (unweighted)

Sex and age (years)	Number of individuals	Number of reports	Mean intake per report (gm)
Children < 6	1,140	150	96
Children 6-11	506	67	134
Teens 12-19	529	108	207
Women 20+	1,541	120	188
Men 20+	1,547	215	220
Total	5,263	660	---

*Includes hamburgers or cheeseburger codes in the range 275-10210 through 275-10690 regardless of whether that food was eaten in combination with another food or not.

Table 3-4. Places where hamburgers and cheeseburgers were obtained, single-code items only*, CSFII 1994 (unweighted)

Sex and age (years)	Store**	Restau- rant	Fast food	School cafeteria	Other
	-----Number-----				
Children <6	6	6	135	1	2
Children 6-11	4	3	52	8	0
Teens 12-19	0	2	96	5	5
Women 20+	3	3	111	0	3
Men 20+	1	3	208	0	3
Total	14	17	602	14	13

*Includes hamburgers or cheeseburger codes in the range 275-10210 through 275-10690 regardless of whether that food was eaten in combination with another food or not.

**Includes prepared sandwiches or sandwich ingredients purchased from stores.

It is not surprising that most of the hamburgers and cheeseburgers coded as a single item were from fast food places, because the preferred method given in the FIB for reporting standardized items such as fast food sandwiches from national chains was as a single item. Nonfast-food (or nonstandardized) hamburgers and cheeseburgers were more commonly coded as multiple food items linked with a combination code, because the FIB specified probes for the ingredients of nonstandardized sandwiches.

Using only the single-item food codes does not consider those hamburgers and cheeseburgers that were coded as multiple food items linked with a combination code. One way to expand the definition of hamburgers and cheeseburgers would be to include all sandwich combinations (COMBTYPE = 05) containing at least one code from the range 215-00100 through 215-40100 (ground beef) and one code from the range 510 ----- through 518 ----- (yeast breads and rolls). Other ingredients might also be part of these combinations. For example, this group would include a report of a sandwich with ground beef, lettuce, tomato, and ketchup on a kaiser roll.

The numbers of reports and amounts resulting from adding combinations of food items eaten as hamburgers and cheeseburgers to hamburgers and cheeseburgers coded as a single item appear in tables 3-5 and 3-6. The number of reports of hamburger and cheeseburger consumption is nearly double that shown in table 3-3, and the distribution is less dominated by the fast food sandwiches, as expected.

Table 3-5. Number of reports and mean intake of hamburgers and cheeseburgers, single-code items and combinations, CSFII 1994 (unweighted)

Sex and age (years)	Number of individuals	Number of reports	Mean intake per report (gm)
Children < 6	1,140	233	107
Children 6-11	506	160	148
Teens 12-19	529	216	207
Women 20+	1,541	272	183
Men 20+	1,547	430	220
Total	5,263	1,311	---

Table 3-6. Places where hamburgers and cheeseburgers were obtained, single-code items and combinations, CSFII 1994 (unweighted)

Sex and age (years)	Store*	Restau- rant	Fast food	School cafeteria	
				Other	Number
Children <6	52	12	144	12	13
Children 6-11	50	9	60	33	8
Teens 12-19	43	6	125	29	13
Women 20+	91	27	135	5	14
Men 20+	107	30	251	5	37
Total	343	84	715	84	85

*Includes prepared sandwiches or sandwich ingredients purchased at stores.

Example 2 (using combination codes to aggregate food groups for nutrient analyses)--Similarly, assessments of the nutrient contributions of specific foods can be affected if the food was often eaten as part of a mixture that was coded in combination with other foods as well as separately. Lettuce can serve as an illustration of this type of situation. There is a series of codes in the 1994 food coding database for lettuce-based salads coded as a single item (751-43000 through 751-46000 and 751-48000). An example of these lettuce-based salads is 751-43000 (lettuce, salad with assorted vegetables including tomatoes and/or carrots, no dressing). The nutrient contribution of this food group is shown in table 3-7.

Table 3-7. Number of reports, mean intake, and nutrient contribution of lettuce-based salads, single-code salads only*, CSFII 1994 (unweighted)

Sex and age (years)	Number of re- ports	Mean salad of intake per report (gm)	Ener- gy (kcal)	Pro- tein (gm)	Carbo- hydrate (gm)	Fat (gm)
Children <6	24	38	7	.4	1.4	.1
Children 6-11	21	57	12	.7	2.1	.3
Teens 12-19	15	85	34	1.9	3.2	1.7
Women 20+	46	115	36	1.8	4.3	1.6
Men 20+	38	140	57	3.0	5.3	2.9

*Includes the nutrients from all lettuce-based salad codes (751-43000 through 751-46000 and 751-48000) regardless of whether that food was eaten in combination with another food or not.

Using only the single-code salads has two deficiencies that can be corrected by the use of combination codes. First, it can be noted from examination of the food coding database that the lettuce-based salads coded as a single item do not include salad dressing. This is because the FIB specified probes for salad dressing in order to obtain as much information as possible about the type and amount of salad dressing eaten. Salad dressing is always linked to salad via a combination type (04, salad) and sequence number. Consequently, if only single-code salads are considered, the contribution of lettuce-based salads to total fat intake is underestimated. Second, restricting the analysis to single-code lettuce-based salads misses any salad-type combinations with lettuce coded simply as lettuce (751-13000).

When all lettuce-containing salad combinations (COMBTYP = 04) are added to all single-code lettuce-based salads (this time incorporating any other ingredients linked to them via combination type 04 and sequence number), the nutrient contributions are considerably different, as shown in table 3-8. Not surprisingly, the contribution of lettuce-based salads to nutrient intake, most notably energy and fat, is dramatically increased when mixtures linked by combination codes are included. Mean salad intakes also increased markedly, and the number of reports of salads increased five- to fourteen-fold across the sex-age groups.

Table 3-8. Number of reports, mean intake, and nutrient contribution of lettuce-based salads, single-code and combination salads, CSFII 1994 (unweighted)

Sex and age (years)	Number of reports	Mean salad intake per report (gm)	Ener- gy (kcal)	Pro- tein (gm)	Carbo- hydrate (gm)	Fat (gm)
Children <6	144	77	77	1.5	4.1	6.3
Children 6-11	109	101	101	1.6	5.5	8.5
Teens 12-19	106	170	197	4.9	9.2	16.3
Women 20+	594	179	179	4.2	9.9	14.3
Men 20+	541	205	210	4.4	11.4	17.2

Example 3 (using combination codes to examine food consumption patterns)--The manner in which individuals consume foods, that is, separately or together with other foods, may be determined by using combination codes. It can be expected that population subgroups vary in their consumption patterns. For instance, children consume milk primarily as a single-code item whereas adults more often consume milk in combination with another food, such as coffee or cereal, as shown in table 3-9 on the next page. Although nearly one-third (32.6 percent) of all reports of milk by women were milk consumed as part of a beverage combination (such as in coffee), the largest percentage of the total quantity (in grams) that was consumed by women was provided by milk consumed as a single item (57.1 percent). Milk added to cereal made a substantial contribution to total milk consumption for all sex-age groups.

 Limitations of combination codes

While combination codes may be used to identify foods eaten together, disaggregation of combinations is not sufficient to enable researchers to look at the total intake of a specific food. For example, a researcher who wished to look at the total intake of tomatoes from all sources could not arrive at that number by combining tomatoes reported separately with those that were reported as part of a combination. That method of analysis would miss tomatoes that are included as ingredients

in many single-code mixtures such as 283-10220 (chili beef soup) and 581-30010 (lasagna with meat and/or poultry).

Table 3-9. Milk consumption by combination type, CSFII 1994 (unweighted)

Sex and age (years)	Combination type			
	Single item	Beverage combina- tion	Cereal combina- tion	Other combina- tions
-----Number of reports-----				
Children <12	3,383	200	1,665	15
Teens 12-19	471	27	283	3
Women 20+	788	739	719	18
Men 20+	959	641	764	24
All ages	5,601	1,607	3,431	60
-----Percent of all milk reports-----				
Children <12	64.3	3.8	31.6	0.3
Teens 12-19	60.1	3.4	36.1	0.4
Women 20+	34.8	32.6	31.8	0.8
Men 20+	40.2	26.8	32.0	1.0
All ages	52.4	15.0	32.1	0.6
-----Percent of total quantity consumed-----				
Children <12	70.5	4.0	25.3	0.2
Teens 12-19	67.1	2.5	30.0	0.4
Women 20+	57.1	11.1	31.2	0.6
Men 20+	61.1	8.4	29.6	0.9
All ages	65.6	6.1	27.9	0.5

3.4 Quality Control

At every step during the development and execution of the CSFII/DHKS 1994-96 and CSFII 1998, quality control has been one of ARS' primary concerns. During the process of CSFII/DHKS 1994-96 questionnaire development, ARS solicited input from the Continuing Survey Users Group, which is made up of representatives from 13 Federal agencies, as well as other Federal users. The CSFII intake questionnaire underwent cognitive testing by the Census Bureau's Center for Survey Methods Research, and the "multiple-pass" approach used for the first time in 1994 was developed to optimize the completeness of intake data collected [Tippett and Cypel(eds.) 1997, DeMaio et al. 1993, Guenther et al. 1995]. The DHKS questionnaire was revised and expanded with input from members of the Continuing Survey Users Group and an in-house DHKS working group. It was then pretested for comprehensibility and flow by ARS in collaboration with the Census Bureau's Demographic Surveys Division. ARS staff and the contractor revised the Food Instruction Booklet used in conjunction with the intake section of the CSFII questionnaire, expanding the booklet to standardize probing by interviewers and ensure the collection of adequate detail for food coding.

All field supervisors, interviewers, and coders attended extensive training sessions. All sessions were scripted for consistency and were monitored by ARS staff. Bilingual interviewers attended an additional day of training in the use of Spanish language questionnaires. Practice interviews were reviewed by supervisors, and telephone retraining was conducted when necessary. Detailed instruction manuals were provided to supervisors, interviewers, and coders.

Electronic communications permitted close tracking by the contractor and ARS of assigned cases in the field, their completion status, and documents in various stages of processing. Electronic delivery of survey data facilitated the timely resolution of such issues as errors in sample person selection or clarification by the interviewer of data received by the home office.

Survey Net, a computer-assisted food coding system (see documentation section 3.3.1, "Food coding and editing," for additional information on Survey Net) developed under a cooperative agreement between ARS and the University of Texas-Houston Health Science Center, School of Public Health, provided efficiency and accuracy in on-line coding of foods and editing. Edit checks were built into the system to reduce data entry of erroneously high or low food amounts and to catch some of the most common reporting, recording, and coding errors.

A pilot study duplicating the planned survey design on a small scale was conducted from April to June of 1993. The pilot study tested the questionnaires, data collection methods, field management procedures, data entry and processing procedures, and survey management software slated for implementation in the CSFII 1994-96. This experience provided an excellent opportunity to further refine the quality of survey instruments and improve the efficiency of survey operations.

As a result of the pilot study, interviewer training was lengthened to 7 full days to allow more thorough coverage of survey procedures. Modifications that had been made to the questionnaires and data collection procedures were judged to be effective in reducing respondent burden and facilitating the collection of high-quality data. Interviewer field notebooks and debriefing after the pilot study provided feedback resulting in further revision of the questionnaires. Survey management software programs used by the contractor and ARS were found to be effective tools for monitoring survey activities and improving the efficiency of survey operations.

ARS data processing activities were reviewed by a panel of outside experts in November 1994. The panel's primary recommendation was that ARS scale back its exhaustive review of the data by prioritizing tasks and streamlining the mechanics of data processing. Quality control procedures described in this section reflect ARS' implementation of the panel's recommendations.

Achieving acceptable response rates in the CSFII/DHKS 1994-96 was a priority for ARS. By contract, Westat, Inc., was required to meet specified response rate requirements for each questionnaire (screener, household, individual intake, and DHKS).

Many steps were taken to monitor interviewer performance. These included partial reinterviews of 10 percent of each interviewer's cases to validate contact of households, audiotaping of at least one intake interview and two DHKS interviews per interviewer per year, and in-person observations.

Interviewers were instructed to edit their own work as soon as possible after the interview to identify and correct errors in recording and to permit (with supervisory permission) retrieval of any missing information from the respondents. Completed questionnaires were reviewed within 2 days of receipt at the Westat central office to determine whether they met ARS minimum criteria. If not, callbacks were made to obtain missing information. Reviews sometimes led to telephone mini-retrainings of interviewers. Field staff memos and a quarterly newsletter provided all interviewers with answers to questions raised during training and in the field, as well as feedback on problem areas detected in data review by the contractor and ARS.

Food coders were required to pass a certification test developed by ARS before they were allowed to code survey data. Initially, 100 percent of each food coder's work was verified by blind double-coding with resolution of any differences. At the supervisor's discretion, this adjudication process was applied to less of the coder's work; 10 percent of the food coder's work continued to be verified routinely. Problems in the food coding process were discussed at biweekly food coding meetings. ARS monitored coder performance by occasionally observing food coders at work, by periodically attending coder meetings and refresher trainings, and by comparing information recorded on the questionnaire to coded entries.

Accuracy of nonfood data entry was verified by routine 100 percent independent double entry with resolution of differences by coding supervisors. Nonfood data were edited for reasonableness, logic, and consistency; supervisors resolved discrepancies.

ARS verified the accuracy of weekly data delivery by checking each hard-copy document received against an electronic list of documents. At least 10 percent of all food intake questionnaires were reviewed for accuracy in coding and data entry. In addition, all foods and food amounts that could not be coded by the contractor (i.e., "unknowns") were reviewed and coded by ARS food coding staff. Other food codes and amounts flagged by the contractor as questionable were reviewed for accuracy. All recipe modifications (see documentation section 3.4.1, "Food coding and editing") done by Westat were reviewed by ARS coding staff.

A series of reviews was conducted on food intake data. Values of food variables falling outside reasonable parameters were flagged, checked against information recorded on the questionnaire, and corrected if in error. ARS reviewed audiotaped intake interviews for proper interviewing techniques. Any problems in interviewer or coder performance detected by ARS were brought to the attention of the contractor.

ARS review of nonfood data was also extensive, encompassing over 30 specific edit checks for reasonableness, consistency, and logic. Values falling outside of reasonable or expected parameters were checked against information recorded on the questionnaire and corrected if in error.

All screeners from eligible households were reviewed to confirm that proper sampling procedures had been followed. Sampling errors were immediately brought to the contractor's attention.

All household questionnaires and DHKS questionnaires were reviewed to ensure that proper interviewing and coding procedures had been followed. Any interviewer or coder problems were summarized in periodic reports to Westat. Also, audiotaped DHKS interviews were reviewed by ARS, and general feedback was provided to the contractor.

The accuracy of the Survey Nutrient Database was also a priority for ARS. Numerous quality control checks were performed on various components of the Survey Nutrient Database, such as nutrient values for new or updated codes in the Primary Data Set, the recipe file, and the file of weights for household measures. Final nutrient values in the 1994-96 Survey Nutrient Database were confirmed by a series of comparisons to earlier Survey Nutrient Databases, with subsequent review of values falling outside of reasonable parameters. After food codes were aggregated by type of food, averages of nutrients from those foods were subjected to many of the same rigorous outlier checks conducted for Primary Data Set codes.

Every nutrient intake value (daily total) from each responding sample person's intake was tested for reasonableness against parameters for

individuals of that age and sex. In addition to detecting errors in coding of foods or amounts, this provided an additional quality check of the nutrient database.

3.5 Glossary

Age--Calculated from date of birth, if given. Otherwise, age as given by respondent. For responding sample persons (see "Responding sample person"), this is the age as of the day-1 intake; for others, this is the age on the day of screening.

Alpha-tocopherol equivalent--See "Vitamin E."

Assistant--Person who assisted in the dietary recall for a sample person age 6 to 9 years in CSFII 1998 and age 6 to 11 years in CSFII 1994-96.

Black--See "Race."

Breast-fed child--A child 3 years of age or younger at the time of the household interview who was identified by the household respondent as being breast fed currently. Breast-fed sample persons were included in the weighting process, and the survey data set includes information on breast-fed children as discussed in section 7.6.2, "Breast-fed Children."

Calcium conversion factor--A factor that expresses the amount of calcium in 100 grams of a given milk product (that is, any food code beginning with "1") as a proportion of the amount of calcium in 100 grams of fluid whole cow's milk. For example, the calcium conversion factor for cheddar cheese was calculated by dividing the amount of calcium in 100 grams of cheddar cheese (721 milligrams) by the amount of calcium in 100 grams of fluid whole cow's milk (119.4 milligrams), resulting in a calcium conversion factor of 6.04. Used in calculation of calcium equivalent as described below.

Calcium equivalent--The amount, expressed in grams, of whole fluid cow's milk that has the same quantity of calcium as the reported milk product. Derived by multiplying the amount of the milk product eaten, expressed in grams, by the calcium conversion factor (see "Calcium conversion factor" above.) For example, the calcium equivalent of 2 ounces (57 grams) of cheddar cheese is calculated by multiplying 57 grams x 6.04 (the calcium conversion factor for cheddar cheese) = 344 grams. Thus, the amount of calcium in 57 grams of cheddar cheese is equal to the amount of calcium in 344 grams of whole fluid milk. Intakes of total milk and milk products may be compared among population groups using calcium equivalents to take into account the different calcium densities of milk products subgroups (for example, fluid milk and cheese) that may be used in varying proportions by the population groups. The calcium equivalent is present on record type 30 (rt30.dat) in the field CALEQ. Carotenes--Beta-carotene and other provitamin-A carotenoids. See "Vitamin A."

Central city--See "Urbanization."

Combination--Foods combined together and consumed as a unit that were coded using two or more food codes; identified by the record type 30 (rt30.dat) fields COMBNUM and COMBTYPE. For more discussion of combinations, see sections 3.3.1, "Food coding and editing," and 3.3.8, "Combination codes."

Dietary fiber--Total dietary fiber including both the insoluble fraction (cellulose, hemicellulose, and lignin) and the soluble fraction (for example, gums in cereal grains and pectin in fruits and vegetables).

Dietary intake--See "Food intake."

Dwelling unit--House, apartment, room, or group of rooms occupied as separate living quarters, when the occupants do not live and eat with any other person in the structure and when there is direct access from the outside or through a common area or hall. Synonymous with "housing unit" as described in the definition of "households" for the 1990 Census (Baugher and Lamison-White 1996).

Eating occasion--Any report of eating or drinking by a sample person. Each change in time of eating reported on the questionnaire was considered to be a separate eating occasion.

Educational level--For each household member 15 years of age or older, the household respondent was asked to name the highest grade of formal schooling completed, starting with "kindergarten or less" and continuing in 1-grade or 1-year increments to "5 or more years of college." Formal schooling does not include trade or vocational schooling, company training, or tutoring, unless credit is given which would be accepted at a regular school or college. High school equivalency (GED) was considered equal to completing grade 12.

Employment status--For each household member 15 years of age or older, the household respondent was asked whether the person worked during the week preceding the interview and, if so, how many hours. "Work" includes any full-time or part-time activity for which money, goods, or services were received. Employment includes active duty in the armed forces. An individual was also "employed" if he or she had a job but was not actually at work that week. Full-time status equals 35 hours or more worked during the week; part-time status equals 1 to 34 hours. See

discussion of the field EMP_STAT in section 9.3, "Additional Documentation on Calculated Variables."

Ethnic origin--The screener respondent reported whether or not each household member was of Mexican/Mexican-American/Chicano, Puerto Rican, Cuban, or other Spanish or Hispanic origin.

Exercise--Sample persons 12 years of age or older were asked "How often do you exercise vigorously enough to work up a sweat?"

Female head of household--Person indicated as such by the household respondent. (Included for purposes of historical comparison.)

Folate--Total folate content; includes naturally occurring folate and added folic acid. Folate values have been updated to reflect the regulation requiring enriched grain products to include added folic acid beginning January 1998.

Food intake--All beverages (except plain water with nothing in it) and foods ingested. Does not include inedible parts of foods (such as bones, rinds, and seeds); uneaten portions of food; or vitamin, mineral, or other supplements.

Health status--Self-appraised.

Height--Self-reported.

Home food supply--Foods and beverages ingested at home (including food obtained away from home and carried home to be eaten) and food items carried from home and eaten elsewhere, such as those in picnics and packed lunches. (Included for purposes of historical comparison.) See the file formats for record type 30 (rt30.dat) fields EATHOME and EVERHOME.

Household--All persons who regularly share a house, an apartment, a room, or a group of rooms used as separate living quarters. Household membership is based on the place where a person usually lives or sleeps for 6 or more months per year and where the person is free to return at any time. Includes persons temporarily absent, such as those who were in the hospital or traveling; students who live away from the sampled dwelling unit in dormitories or sorority or fraternity housing while attending school, who are scheduled to return to the household at the end of the term, and who use the sampled dwelling unit as their permanent address; domestic or other employees who usually live and sleep at the sampled dwelling unit; boarders or roomers who usually live and sleep at the sampled dwelling unit; and persons temporarily visiting the dwelling unit who have no usual place of residence elsewhere, such as a visitor who is house hunting. Excludes former household members who live in institutions, nursing homes, convents, etc.; persons working abroad; and members of the armed forces stationed elsewhere. Excludes students who live in an off-campus dwelling unit while attending school, persons who take their meals in the household but usually lodge or sleep elsewhere, domestic or other employees who live in an adjacent but

separate dwelling unit, and persons temporarily visiting the household who have a usual place of residence elsewhere to which they are free to return at any time. Excludes noninstitutional group quarters of nine or more unrelated persons living and eating together.

Household income--Household respondent's estimate of the total income from all sources, before taxes, of all household members for the calendar year prior to the interview. Includes income of roomers/boarders. Excludes income of live-in employees. See discussion of the field INCOME in section 9.3, "Additional Documentation on Calculated Variables."

Household member--See "Household."

Household respondent--Person who answered the household questionnaire, usually either the main meal planner/preparer or a person knowledgeable about household characteristics such as income; not necessarily a sample person.

Household size--Number of individuals in a household.

Income--Both monthly and annual household income were collected. See section 9.3, "Additional Documentation on Calculated Variables," for a discussion of income and for information on imputed incomes.

Key field--A frequently-used field (variable) included in all record types (data files). See section 7.4.1 for a list of the key fields.

Lactating female--A female household member 10 to 55 years of age identified by the household respondent as currently breast-feeding a child 3 years of age or less.

Main meal planner/preparer--Person who usually plans and/or prepares the household's meals or does the major food shopping. This person was the preferred household respondent, proxy, and assistant.

Male head of household--Person indicated as such by the household respondent. (Included for purposes of historical comparison.)

Metropolitan Statistical Area--A geographic area consisting of a large population nucleus together with adjacent communities that have a high degree of economic and social integration with that nucleus; defined by the Federal Office of Management and Budget for use in the presentation of statistics by agencies of the Federal government (USDC/BOC and APDU 1993).

Midwest--See "Region."

Niacin--Nicotinic acid and nicotinamide present in foods. Does not include potential niacin that could be converted from dietary tryptophan, a niacin precursor, in the body.

Nonmetropolitan areas--See "Urbanization."

Nonrespondent--Sample person who did not complete an interview.

Northeast-- See "Region."

Nutrient intake--Nutrient content of all foods and beverages (except plain water with nothing in it) ingested. Excludes vitamin, mineral, and other supplements.

One-day dietary recall--A recall of beverages and foods ingested during the day preceding the interview--the 24 hours from 12:00 a.m. (midnight) to 11:59 p.m.

Percentage of poverty level--Household income for the previous calendar year expressed as a percentage of the Federal poverty thresholds (Baugher and Lamison-White 1996) adjusted for inflation. See discussion of the field PCTPOV in section 9.3, "Additional Documentation on Calculated Variables."

Poverty level--See "Percentage of poverty level."

Pregnant female--Female household member 10 to 55 years of age identified by the household respondent as currently pregnant.

Proxy--Knowledgeable adult who completed the dietary recall for children under 6 years of age and other sample persons unable to report for themselves due to physical or mental limitations or because of illness. Proxy interviews were not substituted for in-person interviews with adult sample persons who were difficult for the interviewer to reach or who were nonrespondents.

Race--The screener respondent reported the race of each household member as white, black, Asian/Pacific islander, American Indian/Alaskan native, or some other race.

Recommended Dietary (or Energy) Allowances (RDA or REA)-- Levels of nutrient (or energy) intake considered by the Food and Nutrition Board of the National Academy of Sciences to be adequate to meet the known nutritional needs of practically all healthy individuals (NRC/FNB 1989). In a population group whose usual intake approximates or exceeds the RDA, the likelihood of deficiency is small (NRC/FNB 1989).

Region--An area of the United States as defined by the U.S. Department of Commerce for the 1990 Census of Population. The four census regions and their States are as follows:

- (1) Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont;
- (2) Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin;

- (3) South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia;
- (4) West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

Responding sample person--Household member who was selected to participate in the individual intake component of the survey and who provided at least 1 day of dietary intake data.

Retinol equivalents--See "Vitamin A."

Sample person--Household member selected to participate in the individual intake component of the survey.

Sampling weights--Weights required in analysis to compensate for variable probabilities of selection, differential nonresponse rates, and possible deficiencies in the sampling frame. See section 5, "SAMPLING WEIGHTS."

Screening respondent--Household member 18 years of age or older who answered the screening questionnaire (screener).

Source of food--The place where each food or beverage (or most of the ingredients of a mixed item) was obtained, for example, from a store, restaurant, vending machine, or Meals on Wheels; as a mail order purchase; or as a gift from someone else. This information was provided by the sample person, proxy, or assistant.

South--See "Region."

Suburban areas--See "Urbanization."

Supplements--Vitamins and minerals ingested in a form other than in food or beverage. Not included in food and nutrient intake data.

Urbanization--Based on Metropolitan Statistical Areas (MSA's) defined by the Federal Office of Management and Budget (OMB) using information and recommendations provided by the U.S. Bureau of the Census. The three levels of urbanization are as follows:

- (1) MSA, central city: All OMB-designated central cities, as defined by their corporate city limits, located in 1990 MSA's. These are primarily the urban cores of the MSA's. Although some MSA's contain no central city, most MSA's contain one or more.
- (2) MSA, outside central city: The remaining counties or county

equivalents located in MSA's.

- (3) Non-MSA: All counties or county equivalents that were located outside of 1990 MSA's.

Vitamin A--Vitamin A activity derived from both preformed vitamin A (retinol) and provitamin A carotenoids. Values are expressed as international units (IU) and as micrograms of retinol equivalents (RE). One IU equals 0.3 micrograms of retinol, 0.6 micrograms of beta-carotene, or 1.2 micrograms of other carotenoids having vitamin A activity. One RE equals 1 microgram of retinol, 6 micrograms of beta-carotene, or 12 micrograms of other provitamin A carotenoids.

Vitamin E--Vitamin E activity derived from alpha-, beta-, and gamma-tocopherol and alpha-tocotrienol. Values are expressed as milligrams of alpha-tocopherol equivalents. One alpha-tocopherol equivalent equals 1 milligram of alpha-tocopherol, 2 milligrams of beta-tocopherol, 10 milligram of gamma-tocopherol, or 3.3 milligrams of alpha-tocotrienol.

Weight--Self-reported.

Weighting factors--See "Sampling weights."

West--See "Region."

White--See "Race."

3.6 References

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4 RESPONSE RESULTS: CSFII 1994-96, 1998 combined,
CSFII 1994-96 combined, and 1994, 1995, 1996, and
1998 separately

As with any survey, not all individuals drawn into the sample participated. Across the 4 years of the survey, the day-1 response rate was 81.5 percent and the 2-day response rate was 77.5 percent. The tables in this section present the response rates, the numbers of participating households, and the numbers of individuals providing information for CSFII 1994-96, 1998 (table 4.1), CSFII 1994-96 (table 4.2), and for each individual year of the survey (tables 4.3 to 4.6). table 1. Across the 4 years of the survey, the day-1 response rate was 81.5 percent and the 2-day response rate was 77.5 percent.

Each response rate is defined as the proportion of ALL ELIGIBLE households or individuals that responded to a particular interview. For example, the household response rate is defined as the proportion of all households containing sample persons that provided a household interview. Similarly, the day-1 response rate is defined as the proportion of all sample persons identified as eligible for day 1 who actually completed the day-1 intake.

Since not all households were screened, calculation of each response rate involved estimating the total number of households or individuals that were eligible for that component of the survey. Estimating those total numbers of eligible households and individuals involved various assumptions. For example, the estimate of occupied households involved the assumption that all unscreened dwelling units were households.

A further assumption was made in estimating how many eligible sample persons there would have been and, consequently, how many households would have been eligible if the nonscreened households had been screened. That assumption was that households and individuals that were not screened would have been eligible and would have participated at the same rates as screened households and individuals.

Examples of response rate calculations follow:

Screening rate: The screening rate, $R(s)$, is defined as the proportion of nonvacant households in the sample that were screened. If we let $H(s)$ be the number of screened nonvacant households and we let $H(ns)$ be the number of unscreened nonvacant households, the screening rate is defined as

$$R(s) = \frac{H(s)}{H(s) + H(ns)}$$

Day-1 response rate: The day-1 participation rate, R(part1), is defined as the proportion of screened sample persons eligible for day 1 who provided complete day-1 intake interviews. If we let N(d1) be the number of sample persons participating in day 1 and we let N(sp-s1) be the number of screened sample persons eligible for day 1, the day-1 participation rate is defined as

$$R(\text{part1}) = \frac{N(d1)}{N(\text{sp-s1})}$$

The day-1 response rate, R(d1), is then defined as the product of the screening rate and the day-1 participation rate. That is,

$$R(d1) = R(s) * R(\text{part1})$$

This expression may also be written as

$$R(d1) = \frac{N(d1)}{N(\text{sp-s1}) + \left[\frac{H(ns)}{H(s)} * N(\text{sp-s1}) \right]}$$

The denominator of this expression is the estimate of the number of all sample persons eligible to participate in the day-1 interview including those sample persons who were not screened.

Several individuals identified through screening as eligible sample persons became ineligible before completing day 1 or day 2 by dying, becoming institutionalized, or leaving the country. As a result, one of the households that contained a sample person at the time of screening ceased to contain a sample person and thus became ineligible for the household interview.

Additional description of these calculations may be found in Chapter 5, "Response Rates," of the report "Design and Operation: The Continuing Survey of Food Intakes by Individuals and the Diet and Health Knowledge Survey, 1994-96" included in this release in PDF form.

Table 4-1. Response to the CSFII/DHKS 1994-96, 1998

Total dwelling units selected -----	102,440	
Dwelling units vacant or not households -	11,915	
Occupied dwelling units -----	90,525	
Screened households -----	89,344	
Screening rate -----		98.7%
Screened households with at least one sample person (SP) -----	14,602	
Screened households eligible for household interview -----	14,596	
Estimated total households eligible for household interview -----	14,789	
Households completing household interview	12,636	
Household response rate -----		85.4%
Total SPs identified through screening --	26,243	
Screened SPs eligible for day 1 -----	26,231	
Estimated total SPs eligible for day 1 --	26,578	
SPs completing day 1 -----	21,662	
Day-1 response rate -----		81.5%
Screened SPs eligible for day 2 -----	26,226	
Estimated total SPs eligible for day 2 --	26,573	
SPs completing day 2 (and day 1) -----	20,607	
Two-day response rate -----		77.5%

Table 4-2. Response to the CSFII/DHKS 1994-96

Total dwelling units selected -----	34,016	
Dwelling units vacant or not households -	4,189	
Occupied dwelling units -----	29,827	
Screened households -----	29,371	
Screening rate -----		98.5%
Screened households with at least one sample person (SP) -----	9,664	
Screened households eligible for household interview -----	9,658	
Estimated total households eligible for household interview -----	9,808	
Households completing household interview	8,302	
Household response rate -----		84.6%
Total SPs identified through screening --	19,830	
Screened SPs eligible for day 1 -----	19,818	
Estimated total SPs eligible for day 1 --	20,126	
SPs completing day 1 -----	16,103	
Day-1 response rate -----		80.0%
Screened SPs eligible for day 2 -----	19,813	
Estimated total SPs eligible for day 2 --	20,121	
SPs completing day 2 (and day 1) -----	15,303	
Two-day response rate -----		76.1%
Households with adult SPs completing day 1 and eligible for DHKS -----	6,294	
Estimated total households eligible for DHKS -----	7,842	
Households providing complete DHKS -----	5,765	
DHKS response rate -----		73.5%

Table 4-3. Response to the CSFII 1998

Total dwelling units selected -----	68,424	
Dwelling units vacant or not households -	7,726	
Occupied dwelling units -----	60,698	
Screened households -----	59,973	
Screening rate -----		98.8%
Screened households with at least one sample person (SP) -----	4,938	
Screened households eligible for household interview -----	4,938	
Estimated total households eligible for household interview -----	4,998	
Households completing household interview	4,334	
Household response rate -----		86.7%
Total SPs identified through screening --	6,413	
Screened SPs eligible for day 1 -----	6,413	
Estimated total SPs eligible for day 1 --	6,491	
SPs completing day 1 -----	5,559	
Day 1 response rate -----		85.6%
Screened SPs eligible for day 2 -----	6,413	
Estimated total SPs eligible for day 2 --	6,491	
SPs completing day 2 (and day 1) -----	5,304	
Two-day response rate -----		81.7%

Table 4-4. Response to the CSFII/DHKS 1996

Total dwelling units selected -----	12,565	
Dwelling units vacant or not households -	1,691	
Occupied dwelling units -----	10,874	
Screened households -----	10,705	
Screening rate -----		98.4%
Screened households with at least one sample person (SP) -----	3,019	
Screened households eligible for household interview -----	3,018	
Estimated total households eligible for household interview -----	3,066	
Households completing household interview	2,597	
Household response rate -----		84.7%
Total SPs identified through screening --	6,386	
Screened SPs eligible for day 1 -----	6,384	
Estimated total SPs eligible for day 1 --	6,485	
SPs completing day 1 -----	5,188	
Day-1 response rate -----		80.0%
Screened SPs eligible for day 2 -----	6,383	
Estimated total SPs eligible for day 2 --	6,484	
SPs completing day 2 (and day 1) -----	4,920	
Two-day response rate -----		75.9%
Households with adult SPs completing day 1 and eligible for DHKS -----	2,088	
Estimated total households eligible for DHKS -----	2,603	
Households providing complete DHKS -----	1,920	
DHKS response rate -----		73.8%

Table 4-5. Response to the CSFII/DHKS 1995

Total dwelling units selected -----	11,823	
Dwelling units vacant or not households -	1,337	
Occupied dwelling units -----	10,486	
Screened households -----	10,333	
Screening rate -----		98.5%
Screened households with at least one sample person (SP) -----	3,379	
Screened households eligible for household interview -----	3,376	
Estimated total households eligible for household interview -----	3,426	
Households completing household interview	2,892	
Household response rate -----		84.4%
Total SPs identified through screening --	6,576	
Screened SPs eligible for day 1 -----	6,570	
Estimated total SPs eligible for day 1 --	6,667	
SPs completing day 1 -----	5,326	
Day-1 response rate -----		79.9%
Screened SPs eligible for day 2 -----	6,567	
Estimated total SPs eligible for day 2 --	6,664	
SPs completing day 2 (and day 1) -----	5,072	
Two-day response rate -----		76.1%
Households with adult SPs completing day 1 and eligible for DHKS -----	2,159	
Estimated total households eligible for DHKS -----	2,771	
Households providing complete DHKS -----	1,966	
DHKS response rate -----		72.7%

Table 4-6. Response to the CSFII/DHKS 1994

Total dwelling units selected -----	9,628	
Dwelling units vacant or not households -	1,161	
Occupied dwelling units -----	8,467	
Screened households -----	8,333	
Screening rate -----		98.4%
Screened households with at least one sample person (SP) -----	3,266	
Screened households eligible for household interview -----	3,264	
Estimated total households eligible for household interview -----	3,316	
Households completing household interview	2,813	
Household response rate -----		84.8%
Total SPs identified through screening --	6,868	
Screened SPs eligible for day 1 -----	6,864	
Estimated total SPs eligible for day 1 --	6,974	
SPs completing day 1 -----	5,589	
Day 1 response rate -----		80.1%
Screened SPs eligible for day 2 -----	6,863	
Estimated total SPs eligible for day 2 --	6,973	
SPs completing day 2 (and day 1) -----	5,311	
Two-day response rate -----		76.2%
Households with adult SPs completing day 1 and eligible for DHKS -----	2,047	
Estimated total households eligible for DHKS -----	2,632	
Households providing complete DHKS -----	1,879	
DHKS response rate -----		74.1%

5. SAMPLING WEIGHTS

5.1 Introduction to Sampling Weights Discussion

In general, the analysis of data from surveys having complex designs requires the use of sampling weights to compensate for variable probabilities of selection, differential nonresponse rates, and possible deficiencies in the sampling frame. The CSFII/DHKS 1994-96 data set release contained sets of sampling weights appropriate for use in the analysis of the annual data sets as well as sampling weights appropriate for the analysis of the 3 years combined. In addition to the sampling weights provided with the 1994-96 (3-year) release, this combined CSFII 1994-96, 1998 (4-year) release provides sampling weights appropriate for use in the analysis of the 4-year data set and sampling weights for use in the analysis of the CSFII 1998 data separately. Table 5-1 provides counts of children in the combined 1994-96, 1998 data set. Tables 5-2 and 5-3 summarize the sampling weight sets.

Guidance in the choice of appropriate sampling weights and in the application of the reporting guidelines followed by the USDA in the preparation of general statistical reports is provided in Section 5.2 below. Sections 5.3 through 5.5 document the construction of the weights. Section 5.6 discusses variance estimation procedures appropriate with the analysis of data from this data set.

Sampling weights appropriate for the analysis of the combined CSFII 1994-96 data at the household level were made available in the spring of 1999. Those 3-year household weights have been included with this release. Section 5.7 provides the documentation that accompanied the original release of the household weights.

Although the Diet and Health Knowledge Survey (DHKS) was not administered for CSFII 1998, the DHKS data records and sampling weights from 1994-96 have been included with this release on record type 50. Furthermore, sampling weights designed for the analysis of household-level data from both the 3-year and 4-year data sets have been included with this release.

Table 5-1. Number of children providing intakes in CSFII 1994-96 and CSFII 1998

	1994-96	1998	Total
Under 1 year old	376	1,175	1,151
1 year old	711	373	1,084
2 years old	705	402	1,107
3 years old	492	1,344	1,836
4 years old	511	1,348	1,859
5 years old	475	409	884
6 years old	256	343	599
7 years old	233	71	304
8 years old	236	53	289
9 years old	258	41	299
0 - 9 years old	4,253	5,559	9,812

Table 5-2. Final sampling weights* provided with the combined CSFII 1994-96, 1998 data release

	Annual#	1994-96 (3-year)	1994-96, 1998 (4-year)	Available on record types
One day of intake	WTA_DAY1	WT3_DAY1	WT4_DAY1	RT20, RT25, RT30, RT35, RT40
Two days of intake	WTA_2DAY	WT3_2DAY	WT4_2DAY	RT20, RT25, RT30, RT35, RT40
Household level	Not provided	WT3_HH	WT4_HH	RT15
DHKS@	WTA_DHK	WT3_DHK	Not provided	RT50
DHKS with two days of intake@	WTA_DHK2	WT3_DHK2	Not provided	RT50

* Columns 3, 4, and 5 give the names of the sampling weights where weights are available. Jackknife replicate weights for variance estimation are also provided for each of these sets of sampling weights (see section 5.6.2, "Estimation of Sampling Errors").

These weights are appropriate for separate analysis of years 1994, 1995, 1996, or 1998.

@ DHKS sampling weights are only applicable for 1994, 1995, and 1996. The DHKS was not administered for the CSFII 1998.

Table 5-3. Summary of sampling weights included in the combined CSFII 1994-96, 1998 release

Ages 0-19				
	Sample size	Sum of weights	CV*	VIF#
Day 1: 1994	2,298	76,641,610	64.83	1.42
1995	1,981	77,498,715	69.98	1.49
1996	1,952	78,316,471	59.52	1.35
1998	5,559	40,134,208	209.16	5.37
4-year	11,790	77,485,571	111.23	2.24
3-year	6,231	77,485,604	62.06	1.39
2-day: 1994	2,223	76,641,600	76.07	1.58
1995	1,904	77,498,713	80.44	1.65
1996	1,853	78,316,485	73.44	1.54
1998	5,304	40,134,206	213.58	5.56
4-year	11,284	77,485,611	122.57	2.50
3-year	5,980	77,485,635	74.29	1.55
Ages 20+				
	Sample size	Sum of weights	CV*	VIF#
Day 1: 1994	3,291	182,865,657	58.47	1.34
1995	3,345	184,451,592	69.42	1.48
1996	3,236	185,917,776	51.72	1.27
3-year	9,872	184,411,673	59.68	1.36
2-day: 1994	3,088	182,865,609	70.04	1.49
1995	3,168	184,451,679	86.34	1.75
1996	3,067	185,917,706	63.91	1.41
3-year	9,323	184,411,625	73.78	1.54

* CV is the population coefficient of variation for the sampling weights (standard deviation / mean) expressed as a percentage

The variance inflation factor, $VIF = 1 + (CV / 100)**2$

-- continued

Table 5-3. Summary of sampling weights included in the combined CSFII 1994-96, 1998 release -- continued

All ages				
	Sample size	Sum of weights	CV*	VIF#
Day 1: 1994	5,589	259,507,267	65.80	1.43
1995	5,326	261,950,307	72.14	1.52
1996	5,188	264,234,247	56.76	1.32
1998	5,559	40,134,208	209.16	5.37
4-year	21,662	261,897,244	91.40	1.84
3-year	16,103	261,897,277	64.05	1.41
2-day: 1994	5,311	259,507,209	77.59	1.60
1995	5,072	261,950,392	87.73	1.77
1996	4,920	264,234,191	69.11	1.48
1998	5,304	40,134,206	213.58	5.56
4-year	20,607	261,897,236	104.52	2.09
3-year	15,303	261,897,260	77.74	1.60
Household				
	Sample size	Sum of weights	CV*	VIF#
4-year	12,364	98,574,787	85.67	1.73
3-year	8,067	98,574,761	45.88	1.21

* CV is the population coefficient of variation for the sampling weights (standard deviation / mean) expressed as a percentage

The variance inflation factor, $VIF = 1 + (CV / 100)**2$

5.2 Guidance for Sampling Weights and Reporting

5.2.1 Sampling weight guidance

As noted above, it is generally necessary to use sampling weights in the analysis of data from surveys having complex designs. This data release contains a variety of sets of sampling weights designed to be used in various situations. The choice of which sampling weight to use was straightforward with the CSFII/DHKS 1994-96 release. Day 1 weights are used whenever day 1 intakes are analyzed and generally whenever analyzing CSFII data at the person level. The 2-day weights need to be used when a subset of the sample is used that is restricted to 2-day respondents. The 3-year weights are generally used if all 3 years of data are being analyzed. The annual weights are generally used if the individual years are analyzed separately. However, results do not tend to change very much if the annual and 3-year sampling weights are used interchangeably because sampling procedures and the target population were the same in each of 1994, 1995, and 1996.

With the CSFII 1998 the situation changes somewhat. Because only children 9 years old or younger were targeted in 1998 and relatively few of those children were in the age group 7-9 years, the weights constructed for use with the CSFII 1998 and the combined CSFII 1994-96, 1998 sample have several features that should be noted. Among these features are:

- 1) The CSFII 1998 weights are more variable than the other annual weights. This is mainly due to the unequal distribution of ages in the 1998 sample as seen in Table 5-1. It should be noted that the weights for a subset of the CSFII 1998 sample that is more equally distributed across ages, such as children 1-5 years or children 7-9 years, are considerably less variable.
- 2) The combined CSFII 1994-96, 1998 weights are more variable than the CSFII 1994-96 weights for children 0-9 years old. This is due to the more variable CSFII 1998 weights and to the difference in distribution of ages between the two samples.
- 3) For convenience, there are sampling weights for adults 20 years and older in the set of 4-year weights. These are exactly the same weights found in the 3-year weight set. Adults were not sampled in 1998.
- 4) Although no data was collected for persons 10-19 years in the CSFII 1998, the 4-year weights for these persons are slightly different than the 3-year weights. This is because the final calibration process for the 4-year weights was done for persons 6-19 years as a group. The calibration adjustments necessary for the 4-year weights for 6-19 year olds differed from the adjustments necessary for the 3-year weights due to the inclusion of children 6-9 years from CSFII 1998.

It will be the USDA's convention to use the 4-year combined CSFII 1994-96, 1998 weights whenever a statistical presentation uses data from the CSFII 1994-96, 1998 data set and displays statistics for children 9 years and under. For statistical presentation of data for persons 10-19, years USDA also recommends the usage of the 4-year combined weights for the reasons explained in item (4) above.

Furthermore, the USDA recommends caution in analyzing the CSFII 1998 by itself. Unlike the annual samples of CSFII 1994-96, the CSFII 1998 is a supplemental sample, designed to be merged with the CSFII 1994-96 in order to increase the overall sample size of children of certain ages. The CSFII 1998 sampling weights provide some calibration of the CSFII 1998 sample to the population of 0 to 9 year olds but the fact that there are proportionately fewer children 7 to 9 years in the sample than children of other ages might affect analyses of groups that include both children 7 years or older and younger children.

5.2.2 Reporting guidance

It is the USDA's convention to follow guidelines derived from a report of the Life Sciences Research Office (FASEB/LSRO 1995) in identifying or flagging estimates of means, percentages, and percentiles presented in general reports that might be less statistically reliable than other estimates due to small cell size or high relative variability. The guidelines for determining such estimates take into account the complex sample design of a survey and the procedures used to weight the data by specifying the use of a broadly calculated design effect. The design effect is a measure of the variability introduced into an estimate by these factors.

Each estimate has a unique design effect. A "broadly calculated" design effect might be an average of design effects among related statistics or population groups. For the convenience of having a single measure of this type of variability, it is the USDA's convention to use a variance inflation factor (VIF) in this role in the presentation of general statistical tables. A VIF is solely a function of the sampling weights. Variance inflation factors for the CSFII 1994-96 and CSFII 1998 sampling weight sets are presented in table 5-3 above.

Prior to the release of data from the CSFII 1998, the USDA has used by convention a single VIF, derived from the weights of individuals of all ages, in the presentation of statistics from USDA survey data. This convention will be changed for the analysis of data from the combined CSFII 1994-96, 1998 sample. Whenever a statistical presentation is based on data for persons under 20 years of age from both CSFII 1994-96 and CSFII 1998, a VIF based on the 4-year weights on persons 0-19 years will be used in applying the reporting guidelines. If statistics for adults are also provided, a VIF based on the weights of persons 20 years and older will be used. If statistics for persons from both groups are presented, for example, a table showing statistics for various age groups including an all-ages group, the VIF for persons 0-19 years will be used. The VIFs that would be used in such reports are:

Day 1, 0-19:	2.24
Day 1, 20+:	1.36
Day 1, all:	2.24
2-day, 0-19:	2.50
2-day, 20+:	1.54
2-day, all:	2.50

The reporting guidelines generally followed are:

- 1) An estimated mean is flagged when it is based on a cell size of less than 30 times the average design effect (VIF) or when its coefficient of variation (cv) is equal to or greater than 30 percent. The cv is the ratio of the estimated standard error of the mean to the estimated mean, expressed as a percentage. Note that the cv statistic referred to here is relative to the estimate of the mean, hence the use in the numerator of the standard error rather than the standard deviation as used in the calculation of the (population) coefficient of variation shown in Table 5-3.
- 2) An estimated proportion (percent) that falls above 25 percent and below 75 percent is flagged when it is based on a cell size of less than 30 times the average design effect (VIF) or when the cv is equal to or greater than 30 percent.

An estimated proportion of 25 percent or lower or 75 percent or higher is flagged when the smaller of np and $n(1-p)$ is less than 8 times the average design effect, where "n" is the cell size on which the estimate is based and "p" is the proportion expressed as a fraction.

- 3) Estimated percentiles are flagged according to rules that parallel the cell size rules applied to proportions (guideline 2). Estimated percentiles inside the 25 to 75 range are flagged when the cell size is less than 30 times the average design effect. Estimates of the 25 and lower percentiles are flagged when the cell size is less than 8 times the average design effect divided by p , where p is the level of the percentile expressed as a fraction. Estimates of the 75 and higher percentiles are flagged when the cell size is less than 8 times the average design effect divided by $1 - p$.

5.3 CSFII 1998 (Annual) Sampling Weights

5.3.1 CSFII 1998 weighting design

The approach used in weighting the CSFII 1998 data followed the approach used in weighting the 1994, 1995, and 1996 person-level data. These annual data sets were weighted separately in the following steps. First, a base weight equal to the reciprocal of the probability of selection was assigned to each sample person. The base weights were then adjusted for nonresponse within weighting classes defined by variables that were determined to be correlated with response rates. Finally, the nonresponse-adjusted weights were ratio adjusted to population estimates from the March Current Population Survey (CPS) of the appropriate year (USDC/BOC 1994, 1995, 1996, 1998) to compensate for random variation in the observed sample counts and possible undercoverage of certain groups in the area sample frame. Two sets of weights were constructed for the CSFII 1998: a set for sample persons who completed the day-1 interview and a set for sample persons who provided 2 days of intake.

5.3.2 Base weights

The base weight associated with a sample person is the reciprocal of the overall probability of including that person in the survey. For the CSFII 1998, sample persons were selected through a complex multistage sample design involving the selection of primary sampling units (PSUs), area segments within PSUs, households within segments, and finally persons (sample persons) within households. Consequently, the following components were required to calculate the overall probabilities of selection:

1. The probability of selecting the PSU.
2. The probability of selecting the segment within the PSU.
3. The probability of selecting the household within the segment.
4. The probability of selecting an eligible sample person from within the household.

For any sample person, the product of these four factors is the probability of being selected for the CSFII.

5.3.3 CSFII 1998 nonresponse adjustments

Not all sample persons completed an intake interview. To compensate for this, the following procedures were used to adjust the sample person base weights. First the weights were adjusted for screener nonresponse. These adjustments were made within classes created by grouping segments by census region, MSA status, minority status (percent of the population that was black or Hispanic), and quarter of the year of field operations. Within each class, the base weight of each eligible sample person was increased by a factor corresponding to the screener nonresponse rate within the class.

These screener nonresponse-adjusted weights were then adjusted again to account for person nonresponse. A different set of weighting classes was used for this adjustment. These classes were defined by income level, age, sex, census region, MSA status, quarter of the year of field operations, and minority status of the segment. The result of this step was a set of nonresponse-adjusted base weights for responding sample persons.

5.3.4 CSFII 1998 population adjustments

Lastly, the nonresponse-adjusted weights were calibrated using an iterative process called "raking ratio weighting" so that the sum of the final weights equaled the corresponding 1998 March CPS population totals (USDC/BOC 1998) within cells defined by the following variables:

1. Sex
2. Age group (0-2, 3-5, 6-9)
3. Home ownership
4. Season of intake (winter, spring, summer, fall)
5. Day of week of intake
6. Census region
7. MSA status (metropolitan/nonmetropolitan)
8. Household income as percentage of poverty level (using the appropriate poverty thresholds)
9. Household received food stamps in past 12 months
10. Number of persons in the household 18 and older
11. Presence in household of children under 6 years
12. Presence in household of children 6 to 17 years
13. Presence of female head of household 40 years or younger and no one in the household under 18 years
14. Employment status (for children this was the status of the female head, or if there was no female head, the male head of household)
15. Race (black or nonblack)
16. Ethnic origin (Hispanic or non-Hispanic)

Table 5-4 shows the adjustments necessary for calibration for the weighting class age 0-5 years and Table 5-6 shows the same for the weighting class age 6-9 years. Column 1 provides the number of children with the various characteristics. Column 2 provides the weighted percentages of the persons within the weighting class in each of the categories using the nonresponse-adjusted sampling weights. Column 3 shows the target percentage from the CPS, which is also the weighted percentage for the sample using the final, calibrated weights.

Table 5-4. Children 5 years and younger: Unweighted sample sizes, weighted percentage distributions following nonresponse adjustments, and population targets, day 1, CSFII 1998

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Total	5,051	100.0	100.0
Age/sex			
Male			
0-2	950	39.5	25.1
3-5	1,573	21.9	26.1
Female			
0-2	1,000	18.3	23.8
3-5	1,528	20.3	25.0
Home ownership			
Home owned	2,828	60.1	58.3
Home not owned	2,223	39.9	41.7
Season of intake			
Winter	1,166	25.7	25.0
Spring	1,240	27.1	25.0
Summer	1,667	29.6	25.0
Fall	978	17.6	25.0
Day of week of intake			
Sunday	961	18.9	14.3
Monday	786	15.8	14.3
Tuesday	771	15.3	14.3
Wednesday	638	12.7	14.3
Thursday	580	11.2	14.3
Friday	787	15.6	14.3
Saturday	528	10.5	14.3
Census region			
Northeast	906	17.9	17.3
Midwest	1,115	22.4	23.9
South	1,661	32.8	34.3
West	1,369	27.0	24.5
MSA status			
MSA (metropolitan)	4,134	80.6	81.7
Non-MSA	917	19.4	18.3

--continued

Table 5-4. Continued.

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Household income as percentage of poverty level			
0-75%	895	14.9	14.6
76-130%	924	15.3	13.4
131-300%	1,656	34.9	34.8
Over 300%	1,576	35.0	37.3
Household received food stamps in past 12 months			
Yes	1,073	17.4	17.8
No	3,978	82.6	82.2
Presence in household of persons 18 and older			
Exactly 1	655	11.7	13.5
Exactly 2	3,656	74.5	74.0
Other than 1 or 2	740	13.8	12.5
Presence in household of children 6-17			
Children 6-17	2,326	44.8	44.5
No children 6-17	2,725	55.2	55.5
Employment status of female head of household (or male head if there is no female head)			
Have job	2,644	53.4	58.4
Do not have job	2,407	46.6	41.6

--continued

Table 5-4. Continued.

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Race			
Black	749	13.6	15.8
Non-black	4,302	86.4	84.2
Ethnic origin			
Hispanic	901	16.1	17.7
Non-Hispanic	4,150	83.9	82.3

* Calculated using 1998 Current Population Survey data (USDC/ BOC 1998) except for the variables "season of intake" and "day of week of intake." Since the goal of the CSFII was to estimate behavior on an average day, each day of the week received an equal value of 14.3 percent, and each season received a value of 25 percent.

Table 5-5. Persons 6 to 9: Unweighted sample sizes, weighted percentage distributions following nonresponse adjustments, and population targets, day 1, CSFII 1998

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Total	508	100.0	100.0
Sex			
Male	279	56.8	50.9
Female	229	43.2	49.1
Home ownership			
Home owned	304	66.2	65.2
Home not owned	204	33.8	34.8
Season of intake			
Winter	134	23.5	25.0
Spring	126	25.9	25.0
Summer	156	31.1	25.0
Fall	92	19.5	25.0
Day of week of intake			
Weekend (Fri - Sun)	228	45.4	42.9
Weekday (Mon - Thr)	280	54.6	57.1
Census region			
Northeast	77	12.6	18.6
Midwest	110	23.6	23.0
South	187	33.6	34.4
West	134	30.2	24.0
MSA status			
MSA (metropolitan)	411	82.1	80.7
Non-MSA	97	17.9	19.3

--continued

Table 5-5. Continued.

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Household income as percentage of poverty level			
0-75%	101	16.1	13.8
76-130%	85	11.5	12.1
131-300%	149	33.0	35.5
Over 300%	173	39.4	38.5
Household received food stamps in past 12 months			
Yes	99	17.8	16.2
No	409	82.2	83.8
Presence in household of persons 18 and older			
Exactly 1	75	12.6	18.0
Exactly 2	365	74.6	69.7
Other than 1 or 2	68	12.8	12.3
Presence in household of children under 6			
Children under 6	257	45.5	41.4
No children under 6	251	54.5	58.6
Employment status of female head of household (or male head if there is no female)			
Have job	278	54.3	63.7
Do not have job	230	45.7	36.3

--continued

Table 5-5. Continued.

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Race			
Black	77	14.7	16.4
Non-black	431	85.3	83.6
Ethnic origin			
Hispanic	81	12.7	15.3
Non-Hispanic	427	87.3	84.7

* Calculated using 1998 Current Population Survey data (USDC/ BOC 1998) except for the variables "season of intake" and "day of week of intake." Since the goal of the CSFII was to estimate behavior on an average day, each day of the week received an equal value of 14.3 percent, and each season received a value of 25 percent.

5.4 CSFII 1994-96, 1998 (4-Year) Combined Person-Level Sampling Weights

5.4.1 Introduction to person-level sampling weights discussion

Although the CSFII 1998 was a nationally representative sample of children 9 years of age and younger, it was primarily intended to serve as a supplement to the sample of children in the CSFII 1994-96. A composite estimation approach was used to combine the CSFII 1994-96 and CSFII 1998 samples. Under this approach, the combined estimator x_{comp} , is considered to be a linear combination of the corresponding CSFII 1994-96 and CSFII 1998 estimates, i.e.,

$$x_{comp} = a * x[94-96] + (1 - a) * x[1998],$$

where a is a constant between 0 and 1.

Assuming that $x[94-96]$ and $x[1998]$ are both unbiased estimates, the composite estimate, $x[4-year]$, will also be unbiased for any value of a . The approximately optimal value of a , i.e., the value that minimizes the variance of $x[4-year]$, is a function of the effective sample sizes of the CSFII 1994-96 and the CSFII 1998:

$$a = \text{eff}[94-96] / (\text{eff}[94-96] + \text{eff}[1998])$$

where $\text{eff}[94-96] = n[94-96] / (1 + \text{cv}[94-96:w]**2)$,

$n[94-96]$ = the actual CSFII 1994-96 sample size,

$\text{cv}[94-96:w]**2$ = the square of the coefficient of variation (expressed as a percentage) of the CSFII weights, and

$\text{eff}[1998]$ is similarly defined with the CSFII 1998 sample size and weights.

The factors a and $(1 - a)$ are known as compositing factors and were computed by sex and age group for the person-level weights.

5.4.2 Day 1 person-level weights

The nonresponse-adjusted day 1 CSFII weights described in section 5.3.3 were recalibrated to the corresponding 1994-96 CPS population totals. This was done so that the CSFII weights would be consistent with the previously computed CSFII 1994-96 (3-year) weights. The recalibration of the CSFII weights was done separately for (1) children age 5 years or younger and (2) children 6-9 years of age. The procedures used for calibration were exactly the same as those described in section 5.3.4 except that the 1994-96 CPS totals were used as control totals.

Next, the compositing factors a and $(1 - a)$ were computed using the CSFII 1994-96 weights and the recalibrated CSFII weights by sex / age groups. Table 5-6 shows the day 1 compositing factors.

Next, the CSFII 1998 sample was combined with the CSFII 1994-96 sample by applying the appropriate CSFII compositing factor (1 - a) to each recalibrated CSFII 1998 day 1 weight and by applying the appropriate CSFII compositing factor a to each CSFII 1994-96 day 1 weight. This was done for all children age 9 years or younger in the combined sample.

Finally, the penultimate combined weights described in the above paragraph were calibrated one final time to the March 1994-96 CPS totals along the dimensions used in the original calibration of the CSFII 1994-96 day 1 weights. This final calibration process was done separately for children 5 years of age and younger and for persons 6 - 19 years of age.

Table 5-6. Compositing factors for children age 9 and under completing the CSFII day 1 Intake

Sex	Age	1994-96 sample size	1998 sample size	Total sample size	1994-96 compositing factor (a)	1998 compositing factor (1-a)
Male	< 1	184	576	760	0.22	0.78
	1	362	174	536	0.70	0.30
	2	353	200	553	0.67	0.33
	3	251	687	938	0.28	0.72
	4	244	670	914	0.27	0.73
	5	246	216	462	0.54	0.46
	6	125	184	309	0.45	0.55
	7-9	383	95	478	0.83	0.17
Female	< 1	192	599	791	0.22	0.78
	1	349	199	548	0.67	0.33
	2	352	202	554	0.67	0.33
	3	241	657	898	0.32	0.68
	4	267	679	946	0.30	0.70
	5	229	192	421	0.59	0.41
	6	131	159	290	0.50	0.50
	7-9	344	70	414	0.86	0.14
Total		4,253	5,559	9,812		

5.4.3 Two-day person-level weights

The procedure followed in constructing the day 1 combined weights was followed in constructing the combined two-day weights. The two-day CSFII 1998 weights were recalibrated to the 1994-96 CPS population totals, compositing factors were computed based on both the recalibrated CSFII 1998 two-day weights and the CSFII 1994-96 two-day weights by sex and age groups, penultimate combined weights were created by applying the appropriate compositing factors to the appropriate weights, and a final raking procedure was used to calibrate the penultimate weights.

5.5 CSFII 1994-96, 1998 (4-Year) Combined Household-Level Sampling Weights

5.5.1 Introduction to household-level sampling weights discussion

To permit calculation of household-level estimates for items collected in the household interview (e.g., amount and sources of income, general information about food shopping practices, the amounts spent on food, source of cooking and drinking water, food stamp eligibility), a set of household weights for analysis of the combined CSFII 1998 and CSFII/DHKS 1994-96 data sets were computed. The procedures followed in constructing these household-level weights were similar to those used in constructing the CSFII 1998 and combined CSFII 1994-96, 1998 person-level weights. First, household-level weights were constructed for the CSFII 1998 by adjusting a base weight for nonresponse and then calibrating the nonresponse adjusted weights to population totals. Secondly, a compositing approach was used to combine the CSFII 1998 and the CSFII 1994-96. The construction of the CSFII 1994-96 household weights as documented for the release of that sampling weight set is included in this section as section 5.7.1.

5.5.2 CSFII 1998 Household Base Weights

The first step was to assign a base weight to each responding CSFII 1998 household that is equal to the reciprocal of the probability of retaining the household for the household interview. For the CSFII 1998 (and also for the CSFII 1994-96), only those households with eligible SPs were eligible for the household interview. Thus, the probability of including a household in the study was equal to the probability that any of its members was selected for the intake interviews. Under the procedures used to select persons for the CSFII 1998, the probability of selecting a household for the household interview is equal to maximum probability of selection of the SPs in the household. Hence, the base weight for the I-th sampled household was computed from the formula:

$$w = \min \{w[1], w[2], \dots, w[n]\},$$

where $w[1], w[2], \dots, w[n]$ are the corresponding base weights of the SPs in the household. In general, the household base weights varied by quarter, as well as within quarter depending on the composition of the household. In particular, households with children under 1 or 3-4 years of age had considerably smaller weights (larger probabilities of selection) than households where the only children were between 7 and 9 years of age.

5.5.3 Household-level nonresponse Adjustments

The procedures used for nonresponse adjustments followed those used in constructing the CSFII 1994-96 household weights and were essentially as follows. First, the base weights were adjusted for screening nonresponse within classes defined by Census region, MSA status, minority status (percent of the population that was black or Hispanic), and quarter of field operations. Within each class, the base weight of each eligible sample person was increased by a factor corresponding to the screener nonresponse rate within the class.

Next, the screener-adjusted weights were adjusted to account for household nonresponse. The weighting classes used for this adjustment were defined by income level, Census region, MSA status, and minority status of the segment. Note that for the purpose of weighting, those households that contained at least one sample person who completed at least one intake interview were considered to be "respondents" regardless of whether a household interview was completed.

5.5.4 Household-level population adjustments

Lastly, the nonresponse-adjusted weights were calibrated using the same iterative process called "raking ratio weighting" used in calibrating the person-level weights so that the sum of the final weights equaled the corresponding 1994-96 March CPS population totals (USDC/BOC 1994, 1995, 1996). Since the CSFII 1998 was restricted to households with children 9 years of age or younger (i.e., households without children 9 years or younger had no chance of selection for the CSFII 1998), the totals were only for households with children 9 years of age or younger. Cells defined by the following variables were used:

1. Home ownership and age of the head of household
2. Season of household interview (winter, spring, summer, fall)
3. Day of week of household interview
4. Census region
5. MSA status (metropolitan/nonmetropolitan)
6. Household income as percentage of poverty level (using the appropriate poverty thresholds)
7. Household received food stamps in past 12 months
8. Presence in household of persons 18 and older
9. Presence in household of children under 6 years
10. Presence in household of children 6 to 17 years
11. Presence of female head of household 40 years or younger and no one in the household under 18 years
12. Employment status of the head of household
13. Race (black or nonblack) of the head of household
14. Ethnic origin (Hispanic or non-Hispanic) of the head of household
15. Household size

5.5.5 Combined CSFII 1994-96, 1998 household samples

The same compositing approach used to combine the person-level samples was used in combining the household samples. Compositing factors were computed using the CSFII 1994-96 household weights and the CSFII 1998 household weights by income / household composition groups. Table 5-7 shows the household compositing factors. Note that the choice of the household composition grouping "households with children 7-9 years of age only" followed from the design of the CSFII 1998, which selected a proportionately small group of 7-9 year olds, resulting in some large CSFII 1998 household weights for such households. Using this group for compositing purposes reduced the impact of these large weights when the samples were combined.

Next, the CSFII 1998 sample was combined with the CSFII 1994-96 sample by applying the appropriate CSFII 1998 compositing factor (1 - a) to each CSFII 1998 household weight and by applying the appropriate CSFII 1994-96 compositing factor a to each CSFII 1994-96 household weight.

Finally, these penultimate combined weights were calibrated one final time to the March 1994-96 CPS totals along the dimensions specified above. Unlike the calibration of the CSFII 1998-only household sample, this time the population totals represented all U.S. households. The same cells listed in section 5.5.4 were used.

Table 5-7. Compositing factors for CSFII households with children 9 or younger

Income group	HH comp.	1994-96 sample size#	1998 sample size	Total sample size	1994-96 compositing factor (a)	1998 compositing factor (1-a)
>= 130% poverty	Children 7-9 only	299	50	349	0.88	0.12
	Others	1,796	2,813	4,609	0.51	0.49
< 130% poverty	Children 7-9 only	99	12	111	0.90	0.10
	Others	787	1,422	2,209	0.48	0.52
Total		2,981	4,297	7,278		

Households with at least one SP who completed the day 1 Intake.

5.6 Variance Estimation

5.6.1 Variance estimation fields

As described in Section 3, "Sample Design," Westat's 62 primary sampling unit (PSU) master sample was employed for both the CSFII/DHKS 1994-96 and the CSFII 1998. This sample of PSUs contains 24 PSUs selected with certainty. The remaining 38 PSUs were selected with probability proportional to size from 38 strata, 1 PSU per stratum. Area segments were then selected from each of the 62 PSUs also with probability proportional to size. The area segments were randomly allocated to the annual samples, across quarters of the year, so that the 62 PSUs were fielded at all times throughout each year. The following approach was used to create a framework of 2 sampling units per stratum to facilitate variance estimation procedures. First, 19 variance estimation strata were formed from the 38 noncertainty PSUs by pairing adjacent PSUs in the sampling frame. Each PSU within a variance estimation stratum defines what is referred to as a variance estimation unit. Next, within each of the 24 certainty PSUs, one-half of the segments were assigned to one variance estimation unit and the remaining one-half to another. Because each certainty PSU is considered to be a separate variance estimation stratum, a total of 43 variance estimation strata (each containing 2 variance estimation units) was formed by this process. See section 7.4.2, "Sampling weights and variance estimation fields," for details of identifying these variance estimation fields in the data set. This framework applies to all weighted samples, annual or combined, of the CSFII 1994-96 and CSFII 1998.

5.6.2 Estimation of Sampling Errors

Linearization method

Estimation of sampling errors may be conducted with a Taylor series linearization method using the final sampling weights described in the above sections along with the variance estimation strata and variance estimation units described in section 5.6.1. Software packages such as SUDAAN and Stata can be used to obtain estimates using the linearization method.

Jackknife replicate method

Alternatively, sampling errors may be estimated using the jackknife technique described here. The construction of jackknife replicate weights makes use of the variance estimation stratum/variance estimation unit structure described above in section 5.5.1. As an illustration of how a jackknife variance estimator can be calculated, let y denote a weighted survey estimate (for example, total fat intake) calculated using the full-sample weights. Let $y(j)$ be the corresponding weighted estimate calculated using the j -th set of replicate weights ($j = 1, 2, \dots, 43$). The estimated variance of y is then given by the formula

$$\text{Var}(y) = \text{SUM } (y(j) - y)^2,$$

where the summation extends over the 43 sets of jackknife replicate weights. Forty-three replicates were created by applying this process to each of the 43 variance estimation strata.

A jackknife replicate is created by dropping out one of the two variance estimation units from a variance estimation stratum and doubling the initial probability weights of the individuals in the other variance estimation unit in that stratum. The entire weighting process as described in the previous sections was repeated for each replicate. Individuals who were not in the current replicate subsample were assigned a corresponding replicate weight of zero. In this way, series of replicate weights were generated for each sample person or household. Together with the final, full-sample weights, these replicate weights were designed for the calculation of sampling errors.

Using a replication method to calculate sampling errors of survey-based estimates makes complicated variance estimation formulas unnecessary. The jackknife replication method used here is also designed to reflect the stratification and clustering used in the CSFII/DHKS sample design and to capture the effects of the raking ratio adjustments mentioned in the sections above.

Replicate weights are provided for use with each of the sets of sampling weights listed in Table 5-2. There are seven files altogether, found in the \jackknife directory on disk 2:

jkw4yracs.dat	Day 1 and two-day weights for the combined CSFII 1994-96, 1998 (4-year) sample
jkwannacs.dat	Day 1 and two-day weights for annual samples (1994, 1995, 1996, 1998)
jkw3yracs.dat	Day 1 and two-day weights for the CSFII 1994-96 combined (3-year) sample
jkw4yrhh.dat	Household weights for the combined CSFII 1994-96, 1998 (4-year) sample
jkw3yrhh.dat	Household weights for the CSFII 1994-96 combined (3-year) sample
jkwannadh.dat	DHKS and two-day DHKS weights for the annual samples (1994, 1995, 1996)
jkw3yrdh.dat	DHKS and two-day DHKS weights for the DHKS 1994-96 combined (3-year) sample

Corresponding file formats are provided in section 9.4 and SAS programs for reading the data files are provided in section 10.4.

The annual and 4-year person-level files each contain one record per CSFII respondent (21,662 records total, 5,559 from CSFII 1998). The 3-year person-level file contains one record per CSFII respondent from 1994-96 (16,103 records). The 2-day weight fields are blank for respondents providing only one day of intake. The DHKS files each contain one record per DHKS respondent in 1994-96 (5,765 records). The 2-day DHKS weight fields are blank for DHKS respondents who did not provide a second day of intake. The 4-year household-level file contains one record per CSFII household (12,364 records total, 4,297 from the CSFII 1998). The 3-year household-level file contains one record per CSFII household from 1994-96 (8,067 records). A field indicating the survey year, the full-sample sampling weights, and the variance-estimation stratum and unit are included in each file.

The replicate weighting process described above was designed and implemented by Westat, Inc., who have also created a variance estimation program, WesVarPC, which runs on computers using the Windows operating system and is available to the public at no charge. A commercial version, WesVar Complex Samples, is also available from SPSS. Information about both programs may be found at Westat's home page at <<http://www.westat.com>>. Note that in WesVarPC terminology, the JK2 method was used in constructing these replicate weights.

5.7 CSFII 1994-96 (3-Year) Household Sampling Weights:
Original Documentation

These weights permit household level estimates using the fields that are present on household record type 15. The data contained in the record type 15 fields include household participation in programs such as WIC and Food Stamps, income and food-related expenditures, and food sufficiency. The 3-year weights, calibrated to 3-year averages of population characteristics, are intended to be used with the 3-year CSFII data set. They may be used with the annual subsets, however, as long as it is understood that the annual subsets were not calibrated to annual population characteristics. If annual totals are being estimated, the weights should each be multiplied by 3 to scale the weights appropriately. Such scaling is not necessary for the estimation of means or percentages.

5.7.1 How the 3-year household sampling weights were constructed

In general, the analysis of data from surveys having complex designs requires the use of sample weights to compensate for variable probabilities of selection, differential nonresponse rates, and possible deficiencies in the sampling frame. For the 1994-96 CSFII/DHKS, the overall probabilities of selecting sample persons were designed to vary by sex, age, and income level to meet precision goals specified by ARS. For this reason, the probability of selecting a household into the sample is directly related to the composition of the household at the time of screening. The construction of household sample weights was performed by ARS using the design developed by Westat, Inc.

Weighting design

The 3-year CSFII households were weighted in the following steps. First, a base weight equal to the reciprocal of the probability of selection was assigned to each household. The base weights were then adjusted for nonresponse at two levels within weighting classes defined by variables that were determined to be correlated with response rates. The first was a screener-level adjustment using 57 classes defined by combinations of region, quarter, MSA status, and minority status of the segment. The second was a household level adjustment using 8 classes defined by combinations of region, MSA status, minority status of segment and household income as a percentage of poverty. Finally, to compensate for random variation in the observed sample counts and possible undercoverage of some groups, the nonresponse-adjusted weights were ratio adjusted to the average population estimates from the March Current Population Surveys for 1994, 1995, and 1996.

Base weights

The base weight associated with a household is the reciprocal of the overall probability of including that household in the survey. For each year of the CSFII/DHKS, sample households were selected through a complex multistage sample design involving the selection of primary sampling units (PSUs), area segments within PSUs, and households within segments. The eligibility of households for the CSFII was determined by household income level and the sex and age of its members at the time of screening. The product of steps 1, 2, and 3 below determines the probability of selection for eligible households. Since segments were allocated for selection over the 3 years of the survey, a factor of 3 is included in probability of selecting area segments. As with the individual weights, the reciprocal of this probability is the household base weight.

1. The probability of selecting the PSU.
2. The probability of selecting the segment within the PSU.
3. The probability of selecting the household within the segment.

CSFII nonresponse adjustments

Not all households completed the household interview but all households had a member to provide a Day-1 intake. Those households that did not provide a household interview are included in the nonresponse adjustment as participating households. This was done because household eligibility and participation were determined by the presence and participation of a specific household member. There were 41 households where a Day-1 intake was completed but the household questionnaire was not. In these cases most of the household information is missing or was imputed on record type 15. Otherwise, to compensate for nonresponse, the following procedures were used to adjust the household base weights.

First the weight was adjusted for screening nonresponse. This adjustment was made within classes created by grouping households by census region (see 1994-96 CD-ROM documentation "Region" in section 14, "Glossary"), MSA status (see 1994-96 CD-ROM documentation "Metropolitan Statistical Area" in section 14, "Glossary"), minority status of area segment (high or low minority) and quarter of field operations. Within each class, the base weight of each eligible household was increased by a factor equal to the inverse of the screening rate within the class. This adjustment is the same screener adjustment made in constructing the individual sample weights.

The screener nonresponse-adjusted weight was then adjusted again to account for household nonresponse. A different set of weighting classes was used for this adjustment. A CHAID analysis was performed by ARS to determine the groupings for the household level nonresponse adjustments. The new classes were defined by income level, census region, MSA status, and minority status of the segment. Only those households which had eligible sample persons but did not complete any day 1 intakes were considered nonresponding. As in the screener nonresponse adjusted weight, this adjustment is equal to the inverse of the household response rate within the classes. The result of this step was a set of nonresponse-adjusted base weights for responding households. The nonresponse-adjusted base weight (WT_H_ADJ) is included in the weight file.

Post-stratification and population adjustments

Finally, the nonresponse-adjusted weights were calibrated using an iterative process called "raking ratio weighting" to produce final weights that sum to the average of population totals over the 3-year period of the CSFII/DHKS. The totals are from the March (1994, 1995, and 1996) Current Population Surveys (CPS). The cells used to define the totals were generally the same as those used for the individual weight reflecting household totals. Day and quarter of intake were replaced by day and quarter of the household interview. Household size was added. Race and ethnic origin variables are based on characteristics of the female head of household when present; otherwise, the male head of household.

1. Home ownership and age of the head of household
2. Season of household interview (winter, spring, summer, fall)
3. Day of week of household interview
4. Census region
5. MSA status (metropolitan/nonmetropolitan)
6. Household income as percentage of poverty level (using the appropriate poverty thresholds)
7. Household received food stamps in past 12 months
8. Presence in household of persons 18 and older
9. Presence in household of children under 6 years
10. Presence in household of children 6 to 17 years
11. Presence of female head of household 40 years or younger and no one in the household under 18 years
12. Employment status of the head of household
13. Race (black or nonblack) of the head of household
14. Ethnic origin (Hispanic or non-Hispanic) of the head of household
15. Household size

To illustrate the adjustments, table 5-8 shows, by weighting variable, the 1994-96 CSFII unweighted sample sizes, the weighted percentage distributions following nonresponse adjustments (but before calibration to population targets), and the population targets for all responding households.

Table 5-8. Unweighted household sample sizes, weighted percentage distributions following nonresponse adjustments, and population targets, CSFII 1994-96

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Total	8,067	100.0	100.0
Home ownership/age			
Home owned			
20-39	1,813	22.7	19.3
40-59	1,909	24.0	25.9
60 and older	1,598	19.8	19.6
Home not owned			
20-39	1,623	19.9	20.7
40-59	660	8.0	8.9
60 and older	464	5.6	5.6
Season of interview			
Winter	1,943	24.3	25.0
Spring	2,122	26.2	25.0
Summer	1,988	24.7	25.0
Fall	2,014	24.8	25.0
Day of week of interview			
Sunday	952	11.8	14.3
Monday	1,348	16.6	14.3
Tuesday	1,246	15.5	14.3
Wednesday	1,226	15.3	14.3
Thursday	968	12.1	14.3
Friday	919	11.2	14.3
Saturday	1,408	17.5	14.3
Census region			
Northeast	1,499	19.3	19.9
Midwest	1,958	24.1	23.9
South	2,866	34.7	35.1
West	1,744	21.9	21.1
MSA status			
MSA (metropolitan)	6,092	76.2	78.8
Non-MSA	1,975	23.8	21.2

-- continued

Table 5-8. Continued.

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	Percent	
Household income as percentage of poverty level			
0-75%	888	10.3	8.4
76-130%	1,156	13.2	10.9
131-300%	2,665	33.8	31.8
Over 300%	3,358	42.8	48.9
Household received food stamps in past 12 months			
Yes	1,011	11.7	9.0
No	7,056	88.3	91.0
Presence in household of persons 18 and older			
Exactly 1	2,019	24.5	31.3
Exactly 2	4,832	60.2	54.2
Other than 1 or 2	1,216	15.2	14.5
Presence in household of children under 6 and 6-17			
Children under 6			
Children 6-17	1,128	13.9	8.5
No children 6-17	1,329	16.6	9.5
No children under 6			
Children 6-17	1,380	17.0	19.9
No children 6-17	4,230	52.5	62.1
Presence of female head of household 40 or younger and no one in household under 18			
Yes	449	5.7	9.7
No	7,618	94.3	90.3
Employment status			
Have job	4,355	54.6	57.7
Do not have job	3,712	45.4	42.3

-- continued

Table 5-8. Continued.

Variable	Sample size	Nonresponse adjustment	Population targets*
	Number	-----Percent-----	
Race			
Black	993	12.1	11.6
Non-black	7,074	87.1	88.4
Ethnic origin			
Hispanic	755	9.0	8.0
Non-Hispanic	7,312	91.0	92.0
Household size			
1 Member	1,464	17.9	24.8
2 Members	2,429	30.3	32.3
3 or more members	4,174	51.8	42.9

* Calculated using 1994-96 Current Population Survey data except for the variables "season of interview" and "day of week of household interview." Since the goal of the CSFII was to estimate behavior on an average day, each day of the week received an equal value of 14.3 percent, and each season received a value of 25 percent.

5.7.2 Use of the household sampling weights

The household sample in the 1994-96 CSFII consists of all households where at least one sample person was selected and provided a Day-1 intake. This is true regardless of whether a household questionnaire was completed. The use of the weights should be restricted to household information only (record type 15). No connections to sample persons or their intakes should be assumed in using the household weights.

 Summary of final household weights

Table 5-9 summarizes the set of final household weights. The table shows the sample size; the sum of the weights; the coefficient of variation of the weights (CV), defined as the ratio of the standard deviation of the weights to the mean of the weights expressed as a percentage; and the variance inflation factor (VIF), defined as $1 + (CV/100)**2$. This last statistic, which is equivalent to the ratio of the mean of the squared weights to the square of the mean of the weights, represents the anticipated proportional increase in the variance of survey estimates resulting from the variation in the weights. For example, it is anticipated that the variance of a household estimate will be 1.2 times what it would have been had all the weights been equal. The VIF can be used in the role of the "broadly calculated average design effect" specified in reporting guidelines adopted by ARS (FASEB/LSRO 1995).

Table 5-9. Summary of final household sample weights

Sample size	Sum of weights	CV	VIF = $1 + (CV/100)**2$
8,067	98,574,761	45.88%	1.21

Variance Estimation Fields

As described in CSFII/DHKS 1994-96 documentation (USDA 1998) section 3.2.1, "Sample design," Westat's 62 primary sampling unit (PSU) master sample was employed for CSFII/DHKS 1994-96. This sample of PSUs contains 24 PSUs selected with certainty. The remaining 38 PSUs were selected with probability proportional to size from 38 strata, 1 PSU per stratum. Thirty-six area segments were then selected from each of the 62 PSUs also with probability proportional to size. The thirty-six area segments were randomly allocated to the annual samples, twelve per year and three per quarter, so that the 62 PSUs were fielded at all times throughout the three years.

The following approach was used to create a framework of 2 sampling units per stratum to facilitate variance estimation procedures. First, 19 variance estimation strata were formed from the 38 noncertainty PSUs by pairing adjacent PSUs in the sampling frame. Each PSU within a variance estimation stratum defines what is referred to as a variance estimation unit. Next, within each of the 24 certainty PSUs, one-half of the segments were assigned to one variance estimation unit and the remaining one-half to another. Because each certainty PSU is considered to be a separate variance estimation stratum, a total of 43 variance estimation strata (each containing 2 variance estimation units) was formed by this process. See CSFII/DHKS 1994-96 documentation (USDA 1998) section 7.4.2, "Sampling weights and variance estimation fields," for details on identifying these variance estimation fields in the data set.

Estimation of Sampling Errors - Linearization method

Estimation of sampling errors may be conducted with a Taylor series linearization method using the final sample weights described in CSFII/DHKS 1994-96 documentation (USDA 1998) sections 5.1.2 and 5.1.3 along with the variance estimation strata and variance estimation units described in section 5.1.4. Software packages such as SUDAAN and Stata can be used to obtain estimates using the linearization method.

Estimation of Sampling Errors - Jackknife replicate method

Alternatively, sampling errors may be estimated using the jackknife technique described here. The construction of jackknife replicate weights makes use of the variance estimation stratum/variance estimation unit structure described in CSFII/DHKS 1994-96 documentation (USDA 1998) section 5.1.4. To illustrate how a jackknife variance estimator can be calculated, let y denote a weighted survey estimate (for example, total fat intake) calculated using the full-sample weights. Let $y(j)$ be the corresponding weighted estimate calculated using the j -th set of replicate weights ($j = 1, 2, \dots, 43$). The estimated variance of y is then given by the formula

$$\text{Var}(y) = \text{SUM } (y(j) - y)^2,$$

where the summation extends over the 43 sets of jackknife replicate weights. Forty-three replicates were created by applying this process to each of the 43 variance estimation strata.

A jackknife replicate is created by dropping out one of the two variance estimation units from a variance estimation stratum and doubling the initial probability weights of the households in the other variance estimation unit in that stratum. The entire weighting process as described in the previous sections of this document was repeated for each replicate. Households not in the current replicate subsample were assigned a corresponding replicate weight of zero. In this way, a series of replicate weights was generated for each household. Together with the final, full-sample weights, these replicate weights were designed for the calculation of sampling errors.

Using a replication method to calculate sampling errors of survey-based estimates makes complicated variance estimation formulas unnecessary. The jackknife replication method used here is also designed to reflect the stratification and clustering used in the CSFII/DHKS sample design and to capture the effects of the raking ratio adjustments mentioned in CSFII/DHKS 1994-96 documentation section 5.1.2.5.

The replicate weighting process described above was designed and implemented by Westat, Inc., who has also created a variance estimation program, WesVarPC, which runs on computers using the Windows operating system and is available to the public at no charge. The software can be downloaded from Westat's home page at <http://www.westat.com>. In WesVarPC terminology, the JK2 method was used in constructing these replicate weights.

Programs and examples of output

Note: The following programs were written to accompany the release of the CSFII 1994-96 household sampling weights, not this 1994-96, 1998 release. The main purpose of two of the programs was to merge the final household sampling weights into an existing file derived from household record type 15. That merging process is not necessary with this release because both the 3-year and 4-year final household sampling weights have been included on record type 15. Also note that the 3-year household jackknife replicate weight file, jkw3yrhh.dat, has a different format than the file read in by the following program. Appropriate input programs for both the survey data files and the replicate weight files from this release may be found in section 10. Nevertheless, these input programs and programming examples from the original documentation may be useful to users of household level data.

The following are three SAS programs used to prepare data files and three examples of using the household data and sampling weights. Program 1 is a SAS program that reads the ASCII household weight file (hhwgt.dat) and creates a SAS system file. Program 2 adds the household sampling weight to an existing CSFII household-level SAS system file. Program 3 is a modified version of Program 2 that prepares a data file used as input by two of the examples.

Example 1 is a simple SAS program that produces weighted percentages of selected household variables. Examples 2 and 3 demonstrate the use of SUDAAN and WesVarPC for the estimation of standard errors of percentages. Example 2 is a SUDAAN program; Example 3 describes the preparation procedure necessary for using WesVarPC with CSFII data. The latter two examples examine household income as a percentage of poverty level (POVCAT) and the adequacy of the food supply of the household (FOODDESC). Both variables are modified by program 3 to create two-category variables. Levels 1 and 2 of FOODDESC have been combined to identify those households where "enough food eaten" was reported. Levels 3 and 4 have been combined to identify households where "not enough food eaten" was reported. Households with other values of FOODDESC are not represented in the analysis. Levels 2 and 3 of POVCAT have been combined for those households that have income over 130% of poverty. Level 1 represents those households that are below 131% of poverty (see documentation section 3.5, "Glossary").

```

*****
*
* program1.sas
*
* This SAS program reads the entire household weight
* file and creates the SAS system file, HHWGT,
* containing the same data.
*
* These programs assume that the directory \data9496
* holds all CSFII SAS files as well as the downloaded
* ascii file containing the household sampling
* weights. The LIBNAME and FILENAME statements
* should be modified as appropriate.
*
*****;

```

```
options ls = 78 ps = 55;
```

```
libname dir9496 'c:\data9496';
filename hhwgt 'c:\data9496\hhwgt.dat';
```

```
data dir9496.hhwgt (compress = 'yes');
  infile hhwgt lrecl = 386;
  input hhid 1-5 wt3_hh 8-15 wt_h_adj 16-23
        (r3_hh_01-r3_hh_43) (43 * 8.)
        hh_bwt 368-375 wt_h_scr 376-383 varstrat 384-385
        varunit 386;
```

```
label hhid      = "Household ID"
      wt3_hh    = "Full-sample household weight"
      wt_h_adj  = "Non-response adjusted base weight"
      r3_hh_01 = "Replicate household weight - 1"
      r3_hh_02 = "Replicate household weight - 2"
      r3_hh_03 = "Replicate household weight - 3"
      r3_hh_04 = "Replicate household weight - 4"
      r3_hh_05 = "Replicate household weight - 5"
      r3_hh_06 = "Replicate household weight - 6"
      r3_hh_07 = "Replicate household weight - 7"
      r3_hh_08 = "Replicate household weight - 8"
      r3_hh_09 = "Replicate household weight - 9"
      r3_hh_10 = "Replicate household weight - 10"
      r3_hh_11 = "Replicate household weight - 11"
      r3_hh_12 = "Replicate household weight - 12"
      r3_hh_13 = "Replicate household weight - 13"
      r3_hh_14 = "Replicate household weight - 14"
      r3_hh_15 = "Replicate household weight - 15"
      r3_hh_16 = "Replicate household weight - 16"
      r3_hh_17 = "Replicate household weight - 17"
      r3_hh_18 = "Replicate household weight - 18"
      r3_hh_19 = "Replicate household weight - 19"
      r3_hh_20 = "Replicate household weight - 20"
      r3_hh_21 = "Replicate household weight - 21"
      r3_hh_22 = "Replicate household weight - 22"
```

```

r3_hh_23 = "Replicate household weight - 23"
r3_hh_24 = "Replicate household weight - 24"
r3_hh_25 = "Replicate household weight - 25"
r3_hh_26 = "Replicate household weight - 26"
r3_hh_27 = "Replicate household weight - 27"
r3_hh_28 = "Replicate household weight - 28"
r3_hh_29 = "Replicate household weight - 29"
r3_hh_30 = "Replicate household weight - 30"
r3_hh_31 = "Replicate household weight - 31"
r3_hh_32 = "Replicate household weight - 32"
r3_hh_33 = "Replicate household weight - 33"
r3_hh_34 = "Replicate household weight - 34"
r3_hh_35 = "Replicate household weight - 35"
r3_hh_36 = "Replicate household weight - 36"
r3_hh_37 = "Replicate household weight - 37"
r3_hh_38 = "Replicate household weight - 38"
r3_hh_39 = "Replicate household weight - 39"
r3_hh_40 = "Replicate household weight - 40"
r3_hh_41 = "Replicate household weight - 41"
r3_hh_42 = "Replicate household weight - 42"
r3_hh_43 = "Replicate household weight - 43"
hh_bwt   = "Household base weight"
wt_h_scr = "Screener adjusted household base weight"
varstrat = "Variance strata"
varunit  = "Variance estimation unit"
        ;

proc means;

run;

***** End of Program 1 *****;

```

```

*****
*
* program2.sas
*
* This SAS program adds the household sampling
* weight, WT3_HH, to an existing household-level SAS
* file such as the file created from record type 15
* by the READ15.SAS program on the 1994-96 CD-ROM.
* The file created by PROGRAM1.SAS supplies the
* sampling weight.
*
* These programs assume that the directory \data9496
* holds all CSFII SAS files. The LIBNAME statement
* should be modified as appropriate.
*
*****;

options ls = 78 ps = 55;

libname dir9496 'c:\data9496';

*****
*
* Delete or modify the KEEP option in the
* following statement to add the replicate
* sampling weights to the RT15 file. The
* replicate weights are required if software
* such as WESVAR, utilizing a replication
* method, is used for variance estimation
* (see example 3).
*
*****;

data dir9496.rt15 (compress = 'yes');
  merge dir9496.rt15
        dir9496.hhwgt (keep = hhid wt3_hh);
  by hhid;

proc means;

run;

***** End of Program 2 *****;

```

```

*****
*
* program3.sas
*
* This SAS program prepares an input file for the two
* variance estimation programs, examples 2 and 3. It is
* used for three purposes. The first purpose is to create
* a PC SAS file in an older than current version, version
* 6.04, that both PC-based SUDAAN and Wesvar can read
* directly. Secondly, the replicate weights are collected
* from the file created by PROGRAM1.SAS. Thirdly, the
* variables used for analysis in example programs are
* created. Only the variables needed for the examples are
* retained.
*
*****;

options ls = 78 ps = 55;

libname dir9496 'c:\data9496';
libname dir2 v604 'c:\data9496';

data dir2.pgm3 (keep = hhid wt3_hh varstrat varunit
                 r3_hh_01-r3_hh_43 under131 enough);
  merge dir9496.rt15 (keep = hhid povcat fooddesc wt3_hh
                      varstrat varunit)
        dir9496.hhwgt (keep = hhid r3_hh_01- r3_hh_43);
  by hhid;

if fooddesc in(1, 2) then
  enough = 1;
else if fooddesc in(3, 4) then
  enough = 2;

if (povcat eq 1) then
  under131 = 1;
else
  under131 = 2;

label under131 = 'Income status'
      enough   = 'Enough to eat'
      ;

proc means;

run;

***** End of Program 3 *****;

```

```

*****
*
* example1.sas
*
* This SAS program produces weighted frequencies of
* several household level variables. The input file
* is the file created by PROGRAM2.SAS
*
* These programs assume that the directory \data9496
* holds all CSFII SAS files. The LIBNAME statement
* should be modified as appropriate.
*
*****;

options ls = 78 ps = 60;
options nodate nonumber nocenter;

libname dir9496 'c:\data9496';

proc freq data = dir9496.rt15;
  tables povcat fooddesc fs_rcv12 urb region;
  weight wt3_hh;
  format povcat povcat. fooddesc fooddesc.
         fs_rcv12 yn789f. urb urb. region region.;
  title 'Example 1: Weighted frequencies of household '
        'level data, 1994-96 CSFII';

run;

***** End of Example 1 program *****;

```

Example 1: Weighted frequencies of household level data,
1994-96 CSFII

Annual income: % of poverty category

POVCAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 - 130%	19520256	19.8	19520256	19.8
131 - 350%	39468942	40.0	58989198	59.8
Over 350%	39585563	40.2	98574761	100.0

Description of food eaten in HH

FOODDESC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Enough - 1	75210037	76.3	75210037	76.3
Enough - 2	20344690	20.6	95554727	96.9
Sometimes not enough	1803550	1.8	97358277	98.8
Often not enough	336251	0.3	97694528	99.1
Not ascertained	880233	0.9	98574761	100.0

Food stamps: in last 12 months

FS_RCV12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	8693044	8.8	8693044	8.8
No	88663791	89.9	97356835	98.8
Refused	237994	0.2	97594829	99.0
Don't know	102999	0.1	97697828	99.1
Not ascertained	876933	0.9	98574761	100.0

Urbanization

URB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
MSA, central city	31977978	32.4	31977978	32.4
MSA, not central city	45717307	46.4	77695285	78.8
Non-MSA	20879476	21.2	98574761	100.0

Region

REGION	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	19586188	19.9	19586188	19.9
Midwest	23591612	23.9	43177800	43.8
South	34604507	35.1	77782307	78.9
West	20792454	21.1	98574761	100.0

***** End of Example 1 output listing *****;

```

/*****
*
* Example2.prc
*
* This SUDAAN program provides an example of computing the
* standard error of estimates from the CSFII 1994- 96. SUDAAN
* is a program containing procedures designed to be used to
* analyze data from complex sample surveys such as the CSFII.
*
* This program was written to be used by the stand- alone
* version of SUDAAN. The input file is the SAS system file
* created by PROGRAM2.SAS which created a version 6.04 PC SAS
* system file. This program provides the basic statements
* needed to inform SUDAAN of the CSFII sample design
* information needed for the estimates.
*
* The SUDAAN procedure used here is PROC CROSSTAB. The
* procedure call specifies a "with replacement" design
* (design = wr). A NEST statement is used to define the
* required design parameters, VARSTRAT, the variance-estimation
* stratum, and VARUNIT, the variance-estimation unit which is
* used as a primary sampling unit or PSU.
*
* Notes: The data directory must be set to the directory
* containing the input file. Also, a LEVEL.DBS may be
* placed in that directory to supply variable formats.
*
*****/

proc crosstab data = pgm3 filetype = sas design = wr;
  nest varstrat varunit;
  weight wt3_hh;
  subgroup under131 enough;
  levels 2 2;
  tables under131 * enough;
  print nsum rowper colper serow secol /style = nchs ;

***** End of Example 2 program *****/

```

Example 2 output listing

Research Triangle Institute
The CROSSTAB Procedure

by: Income status, Enough to eat.

Income status					
Enough to eat	Sample	Row	Col	SE Row	SE Col
	Size	Percent	Percent	Percent	Percent

Total					
Total	8007	100.00	100.00	0.00	0.00
Enough	7791	97.81	100.00	0.19	0.00
Not enough	216	2.19	100.00	0.19	0.00
Below 131% of poverty					
Total	2083	100.00	19.90	0.00	0.96
Enough	1908	91.80	18.68	0.71	0.93
Not enough	175	8.20	74.54	0.71	3.19
131%+					
Total	5924	100.00	80.10	0.00	0.96
Enough	5883	99.30	81.32	0.11	0.93
Not enough	41	0.70	25.46	0.11	3.19

***** End of Example 2 output listing *****;

```

*****
*
* Example3
*
* Example 3 used the WesVarPC software to estimate percentages
* and their standard errors. The file created by PROGRAM2.SAS
* provided the input. During the preparation step, the SAS
* file PGM3.SSD was imported, the analysis variables, full
* sample weight and replicate weights identified, and the
* replication method JK2 selected.
*
* The output shown below was produced by a table request of
* under131 * enough, asking for percentages of the sum of the
* weights, and with other specifications as shown below.
*
*****/

```

Example 3 output listing

```

PC WESVAR VERSION NUMBER:          2.12
TIME THE JOB EXECUTED:             08:19:23 02/19/99
INPUT DATASET NAME:                C:\data9496\Pgm3.var
OUTPUT LISTING:                    C:\data9496\pgm3.LST

OPTION NOSUMMARY IS:               OFF
OPTION FUNCTION LOG IS:            OFF
OPTION ALIGNMENT IS:              OFF
OPTION EXPORT IS:                  OFF
VARIANCE ESTIMATION METHOD:        JK2
FINITE POPULATION CORRECTION FACTOR: 1.00000
VALUE OF ALPHA (CONFIDENCE INTERVAL %): 0.05000 (95.00000 %)
DEGREES OF FREEDOM:               INFINITE
t VALUE:                           1.960

OPTION COMPLETE IS:                ON
FULL SAMPLE WEIGHT:                 WT3_HH
REPLICATE WEIGHTS:                  R3_HH_01...R3_HH_43
ANALYSIS VARIABLES:                None Specified.
COMPUTE STATISTIC:                 None Specified.
TABLE REQUESTS:                    UNDER131*ENOUGH

FACTOR(S) :                        1.00

NUMBER OF REPLICATES:              43
NUMBER OF OBSERVATIONS READ:       8067
WEIGHTED NUMBER OF OBSERVATIONS READ: 98574761.000

```

TABLE REQUEST : UNDER131 * ENOUGH

UNDER131	ENOUGH	EST_TYPE	ESTIMATE	STDERROR	N
Below 131%	Enough	PERCENT	18.27	0.16	1908
Below 131%	Not enough	PERCENT	1.63	0.12	175
Below 131%	MARGINAL	PERCENT	19.90	0.11	2083
131%+	Enough	PERCENT	79.54	0.13	5883
131%+	Not enough	PERCENT	0.56	0.10	41
131%+	MARGINAL	PERCENT	80.10	0.11	5924
MARGINAL	Enough	PERCENT	97.81	0.16	7791
MARGINAL	Not enough	PERCENT	2.19	0.16	216
MARGINAL	MARGINAL	PERCENT	100.00	0.00	8007
Below 131%	Enough	COLPCT	18.68	0.14	1908
Below 131%	Not enough	COLPCT	74.54	3.39	175
Below 131%	MARGINAL	COLPCT	19.90	0.11	2083
131%+	Enough	COLPCT	81.32	0.14	5883
131%+	Not enough	COLPCT	25.46	3.39	41
131%+	MARGINAL	COLPCT	80.10	0.11	5924
MARGINAL	Enough	COLPCT	100.00	0.00	7791
MARGINAL	Not enough	COLPCT	100.00	0.00	216
MARGINAL	MARGINAL	COLPCT	100.00	0.00	8007
Below 131%	Enough	ROWPCT	91.80	0.58	1908
Below 131%	Not enough	ROWPCT	8.20	0.58	175
Below 131%	MARGINAL	ROWPCT	100.00	0.00	2083
131%+	Enough	ROWPCT	99.30	0.12	5883
131%+	Not enough	ROWPCT	0.70	0.12	41
131%+	MARGINAL	ROWPCT	100.00	0.00	5924
MARGINAL	Enough	ROWPCT	97.81	0.16	7791
MARGINAL	Not enough	ROWPCT	2.19	0.16	216
MARGINAL	MARGINAL	ROWPCT	100.00	0.00	8007

***** End of Example 3 output listing *****;

5.8 References

FASEB/LSRO (Federation of American Societies for Experimental Biology, Life Sciences Research Office). 1995. Joint policy on variance estimation and statistical standards on NHANES III and CSFII reports ... (Appendix III). In: Third Report on Nutrition Monitoring in the United States. Prepared for the Interagency Board for Nutrition Monitoring and Related Research. USDA Publication.

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Shah, BV, Barnwell, BG, and Bieler, GS. 1997. SUDAAN User's Manual, Release 7.5. Research Triangle Park, NC: Research Triangle Institute.

USDA (U.S. Department of Agriculture, Agricultural Research Service). 1998. 1994-96 Continuing Survey of Food Intakes by Individuals and 1994-96 Diet and Health Knowledge Survey. CD-ROM. Available from National Technical Information Service, Springfield, VA. (NTIS Accession No. PB98-500457)

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USDC/BOC (U.S. Department of Commerce, Bureau of the Census). 1996. Current Population Survey, March 1996. Machine-readable data file.

USDC/BOC (U.S. Department of Commerce, Bureau of the Census). 1998. Current Population Survey, March 1998. Machine-readable data file.

6. USING THE CSFII 1994-96, 1998 DATA

6.1 Data Set Notes

6.1.1 Using the original data set

The CSFII 1994-96, 1998 data are fixed format for each record type (record length varies with record type). The data are in both numeric and alphanumeric form with explicit decimal points and unused areas of a record filled with blanks. "Key" fields (variables), located in the same positions on each record type, contain identifiers such as the household identification number and the sample person number, demographic data such as region and urbanization, household data such as income and household size, personal data such as age and race, and sampling data such as weights and variance estimation stratum.

Fields in the data set may be categorical or continuous. Categorical fields, such as region, sex, or race, have a discrete number of values. Continuous fields such as income, nutrient intake, or food amount may have many values but are limited to the number of valid cases.

Due to the lack of a response or the lack of data necessary for calculations, some fields have missing values. These cases usually are coded into separate categories of "refused," "don't know," "not ascertained," or "can't be calculated." In most situations, missing values are represented by special values rather than by blanks. The usual conventions for a one-column field are a '7' for "refused," an '8' for "don't know," and a '9' for "not ascertained." Two-column fields have values of '97,' '98,' or '99.' This pattern is repeated for other size fields.

Blanks in fields that usually contain values indicate that a response or calculation for that field does not apply. For example, questions concerning employment are not asked of respondents under the age of 15 years. Therefore, the corresponding field will be blank for any child under the age of 15 years. If a skip pattern dictates that a question should not be asked of a respondent, then the corresponding field in the data file will be blank. Other examples of blanks include sampling weight fields for persons not providing intake data.

Some fields, such as times and measures, are often represented by a combination of other fields. For example, time of day is represented by an hour field (OCC_HR), a minute field (OCC_MIN), and a field indicating a.m. or p.m. (OCC_AMPM). The usual representation of the time of day field is for the user to convert the three fields to a single field. In record type 30 (rt30.dat), for the user's convenience, an additional field is included that represents the time of eating occasion converted to military time. (See section 9.2.4, "Formats for record type 30," under the field name OCC_TIME for a chart showing this conversion.)

6.1.2 Creating smaller data sets

Users often find it more efficient to design special data sets for a particular analysis, rather than repeatedly using the original data files. Designing special files involves restructuring the data to conform to specific processing needs and reducing the file size. The latter is a necessity for users planning to analyze the data on a personal computer with limited disk storage. Suggestions for creating separate data sets include the following:

- (1) Eliminate cases that will not be used for analysis. This saves space and eliminates the need to select out these cases each time the data set is used.
- (2) Redefine fields, create new variables, and eliminate fields that are not needed to reduce the size of the data set further.
- (3) Aggregate data to a higher level to help reduce the size of the data set.
- (4) Merge fields from different record types and/or aggregate files into a system file (described below) having a single record per case. This will eliminate redundancies and reduces processing time for subsequent analysis.

The Statistical Export and Tabulation System (SETS) software developed by the National Center for Health Statistics (NCHS) of the U.S. Department of Health and Human Services is available on Disk 1 for use with this data release. The software allows users to select fields from the various record types and create subsets of the data. It also generates programs for using the data with a statistical software package such as SAS, SPSS, or EpiInfo. These programs can create system files containing the selected variables. A copy of the NCHS SETS manual, named \pdf\files\sets.pdf, is included on Disk 1.

6.2 Programming Notes

Statistical software packages such as SAS and SPSS are used for creating working data sets and performing analyses. These packages are used as programming languages and as database management systems as well as statistical packages. They provide methods for matching, aggregating, merging, and updating files, as well as procedures and functions to perform other tasks.

One of the most useful features of a package is the system file (saved output stored in a system designed format). These files can easily be processed by the package because the data definition does not have to be repeated to access the data. Also, labels can be assigned to the variable names for display with printed output.

6.3 Statistical Notes

6.3.1 Statistical software

Because of the complex sample design of the CSFII, ARS recommends that data users calculate standard errors and coefficients of variation for descriptive and related statistics using software that takes the sample design and weighting into account. The PSUs used in the design can be paired as in a stratified sample where the Taylor Series expansion method can be used. This will allow software such as SUDAAN or Stata to be used when studying population subgroups. The fields VARSTRAT and VARUNIT are located in positions 11-12 and 13 in the data file, respectively. These fields represent the nesting fields STRATUM and PSU used for Taylor Series expansion estimation of standard errors. Also, see section 7.4.2, "Sampling weights and variance estimation fields." Replicate weights, as provided by the jackknife replication method, can also be used as described in section 5.6.2, "Estimation of Sampling Errors." See section 5, "SAMPLING WEIGHTS," for more information on weighting procedures.

6.3.2 Guidelines for the use of sampling weights

Weights should always be used when calculating descriptive statistics. This is because descriptive statistics are meant to provide summary information about the entire population under study, not just the sample. Included under the heading of descriptive statistics are measures of central tendency, such as means and medians, as well as measures of variability, such as variances.

Most statistical software packages allow the user to compute weighted descriptive statistics although they may not estimate variances properly. If in doubt, the analyst is advised to consult a survey statistician.

6.4 DHKS Notes

6.4.1 Control for order effects

The DHKS questionnaire contained 18 questions with a format consisting of a list of subquestions, each requiring a response. To ensure that the frequency of responses given was not simply a function of the order in which these subquestions were asked, random starts were set in place. A label denoting the random start point (i.e., the subquestion to ask first) for each applicable question was attached to the cover of each questionnaire. Interviewers were instructed to mark with an "X" the appropriate start point for each applicable question before the interview. They were trained to begin reading from the marked subquestion on down to the bottom of the list, after which they returned to the top of the list and continued to where they had begun.

6.4.2 Recodes

Responses coded as "other specified" (code 00) from the one open-ended question (Q.6--health problems mentioned as related to nutrient intake or physical status) were recoded according to ARS guidelines into existing "health problem" code categories listed on the questionnaire when possible. When responses were not covered under the guidelines, Westat coders sent them to ARS for possible recoding. Items deemed vague, unique, or indecipherable were left under the "other specified" code.

6.4.3 Blanks in the file format

To distinguish food label readers from nonreaders, a skip pattern was instituted after question 16. Based on the DHKS respondent's responses to question 16, interviewers were told (in an instruction box) either to continue asking questions 17-23 for food label readers or to skip to questions 24 and 25 for those who do not read food labels. Label readers were skipped out of questions 24 and 25. Data users will note blanks in the file format for skipped questions. Note that the skip pattern terminated at question 26; all respondents were asked question 26. There were several smaller skip patterns after question 28 for which occasional blank fields will occur.

7. DATA SET CHARACTERISTICS AND FORMATS -- CSFII 1994-96, 1998

7.1 Introduction

The CSFII 1994-96, 1998 was a nationwide survey conducted from January 1994 through December 1996 and again from January 1998 through December 1998. The survey consisted of four annual parts, with a nationally representative sample drawn and fielded during each year. The 1998 sample followed the same design as the 1994-96 samples except that only children age 9 or under were eligible to be selected. Previous data releases provided the data from 1994, 1995, and 1994-96 combined. This 1994-96, 1998 data release includes the data collected during all years of the survey, repeating the 1994-96 data and including the updates and additions described elsewhere in this documentation (see section 2, "Essential Information"). Sampling weights are included for the 4-year sample as a whole, the 1994-96 3-year sample as a whole, and for each of the annual samples. With these weights, CSFII data can be used to produce nationally representative estimates allowing for statistical restrictions based on sample size.

Survey questions did not change between 1996 and 1998. Neither did the file formats, with the exception of the accommodation of additional sample weights and the addition of the dietary components caffeine, theobromine, and selenium.

The general file structure and information concerning both the use of the data and the data set formats are discussed in sections 7.2 through 7.6 below. Abbreviated lists of the fields found in the data set are in section 8. Section 9 contains the actual data set formats for each of the seven record types. These formats provide detailed descriptions of all of the fields included on each record type. The name, position, width, and type of each field are given along with a full description of the field, a reference to the original questionnaire question number, the situations where the field applies to a specific case, valid values for the field, and an associated skip pattern. Provided in section 10.2 are input programs written in the SAS language (SAS Institute Inc. 1990) designed to read each record type file into SAS system files; an introduction precedes the actual programs in section 10.1. Section 10.3 contains three data processing examples also written in the SAS language. Section 10.4 contains SAS programs to read the jackknife replicate weight files (see section 5.6).

7.2 Data Set Structure

7.2.1 Record types

The data set is made up of seven different record types. Each record type is provided in a separate file. The record type is located in columns 1-2 of every record.

Household level data - record type 15:

There is one record type 15 for each household containing at least one responding sample person (see section 3.5, "Glossary" for a definition of household). Each household is uniquely identified by the household identification number located in columns 3-7. Household record type 15 is sorted by household identification number (HHID).

Household member data - record type 20:

There is one record type 20 for each member of each household. Each household member is uniquely identified by the household identification number located in columns 3-7, and the household member's line letter located in column 10. The sample person number in columns 8-9 may also be used to uniquely identify household members within a household. Although not all household members are sample persons, a sample person number has been assigned to all persons with record type 20 records. Record type 20 contains information from the household screener and the household questionnaire but no information from the intake questionnaires. Household member record type 20 is sorted by household identification number (HHID) and sample person number (SPNUM).

Sample person data - record type 25:

There is one record type 25 for each responding sample person. Each sample person is uniquely identified by the household identification number located in columns 3-7 and the sample person number located in columns 8-9. The household member line letter is also included on each record and is located in column 10. Record type 25 contains the nonintake information from the intake questionnaires; that is, information not part of the 24-hour recall. For convenience, the information from the screener and household questionnaire that is included for all household members on record type 20 is repeated on record type 25 for all responding sample persons. Sample person record type 25 is sorted by household identification number (HHID) and sample person number (SPNUM).

Food (line item) data - record type 30:

There is one record type 30 for each food (line item) reported by each responding sample person for each day. Each record type 30 is uniquely identified by the household identification number located in columns 3-7, the sample person number located in columns 8-9, the day code located in column 64, and the sequential line item number located in columns 65-66. Food level record type 30 is sorted by household identification number (HHID), sample person number (SPNUM), day/average code (DAYCODE), and line item number (SEQNUM).

Daily intake data: Food group amounts - record type 35:

There is one record type 35 containing food group totals for each day of intake provided by each responding sample person. Where appropriate there is also a third record type 35 containing food group averages for each sample person providing 2 days of intake. Thus, each sample person has either one or three type 35 records. Each record type 35 is uniquely identified by the household identification number located in columns 3-7, the sample person number located in columns 8-9, and the day/average code located in column 64. Food group record type 35 is sorted by household identification number (HHID), sample person number (SPNUM), and day/average code (DAYCODE).

Daily intake data: Nutrients, fatty acids - record type 40:

There is one record type 40 for each day of intake provided by each responding sample person. containing nutrient totals expressed both in appropriate units of measure that vary from nutrient to nutrient and as percentages of the 1989 Recommended Dietary Allowances. Where appropriate, there is also a third record type 40 containing nutrient averages for each sample person providing 2 days of intake. Thus, each sample person has either one or three type 40 records. Each record type 40 is uniquely identified by the household identification number located in columns 3-7, the sample person number located in columns 8-9, and the day/average code located in column 64. Nutrient record type 40 is sorted by household identification number (HHID), sample person number (SPNUM), and day/average code (DAYCODE).

DHKS data - record type 50:

There is one record type 50 for each DHKS respondent. Each record type 50 is uniquely identified by the household identification number located in columns 3-7. The sample person number located in columns 8-9 identifies which sample person within a household served as the DHKS participant. DHKS record type 50 is sorted by household identification number (HHID).

7.2.2 General nature of the data

The majority of the data fields are numeric, but there are some character-valued fields. This differs from past data releases where all of the data were numeric. Also different from past releases is the use of decimal points. This data release makes use of explicit decimal points rather than implicit ones. Unused areas of the records are blank. Leading zeros have not been used.

Some fields have "missing" values due to the lack of a specific response or the lack of the necessary data for calculations. Typically, these are coded into separate categories of "refused," "don't know," and "not ascertained," or sometimes "indeterminable." These values are always indicated by special values, never by blanks. The usual convention for a one column field is a '7' for "refused," '8' for "don't know," and '9' for "not ascertained." Two-column fields have values of '97,' '98,' and '99' and so on. Where necessary, continuous fields also have codes for "missing" values.

Blanks in columns that usually contain values indicate that a response or calculation for that field does not apply to a particular situation. For example, if the answer to the question "Do you smoke now?" is "No," the following field containing the number of cigarettes smoked per day is blank because the question was not asked of nonsmoking sample persons. In general, if a skip pattern dictates that a question should not be asked of a respondent, the corresponding field on the record will be blank. Other examples of fields that are sometimes blank are 2-day sampling weight fields for sample persons not providing 2 days of intake and record type 30 nutrient values for reports of breast milk, which was not quantified.

7.3 Data File Characteristics

The seven record type files as included in the \rawdata directory on Disk 2 have the following record lengths (maximum data position) and record counts. All fields have fixed column positions (as described in section 9) and, where appropriate, decimal points are explicitly included.

Record type 15 (rt15.dat) record length:	281
Total number of records:	12,364
Record type 20 (rt20.dat) record length:	139
Total number of records:	42,332
Record type 25 (rt25.dat) record length:	481
Total number of records:	21,662
Record type 30 (rt30.dat) record length:	637
Total number of records:	598,829
Record type 35 (rt35.dat) record length:	677
Total number of records:	62,876
Record type 40 (rt40.dat) record length:	695
Total number of records:	62,876
Record type 50 (rt50.dat) record length:	432
Total number of records:	5,765

7.4 Key Fields

7.4.1 List of key fields

Frequently used information is repeated across the record types. Most of these "key" fields are found in columns 1-47, as they were in the CSFII/DHKS 1994-96 data release. The 4-year sampling weights are in columns 48-63, and the annual and 3-year sampling weights are found in the last columns of each record. end of each record. Included in the key fields is basic demographic, personal, and sampling information. Also included are flags to indicate complete intake data for days 1 and 2 and participation in the DHKS. See also section 9.3, "Additional Documentation on Calculated Variables."

The following are the fields designated to be key fields and their positions within each record. See the actual data set format in section 9 for more complete information.

RT	1-2		Record type
HHID	3-7		Household identification number
SPNUM	8-9	*	Sample person number
LINELET	10	*	Line letter
VARSTRAT	11-12		Variance estimation stratum
VARUNIT	13		Variance estimation sampling unit
REGION	14		Region
URB	15		Urbanization
HHSIZE	16-17		Household size
INCOME	18-23		Annual household income (may be imputed)
INCREP	24		Type of response to H52
INCCODE	25		Annual income reported as a category
PCTPOV	26-28		Annual income as % of poverty
POVCAT	29		% of poverty, categorized
IMPFLAG	30		Income imputation flag
FS_RCV12	31		HH received food stamps in past year
AGE	32-33	*	Age
AGE_M	34-35	*#	Age in months
SEX	36	*	Sex
REL_REF	37-38	*	Relationship to reference person
RACE	39	*	Race
ORIGIN	40	*	Ethnic origin
HEAD_HH	41	*	Head of household
PL_STAT	42	*	Pregnant/lactating status
BF_STAT	43	*#	Breastfeeding status
FS_AUTH	44	*	Authorized for food stamps
COMP_D1	45	*	Day 1 complete
COMP_D2	46	*	Day 2 complete
COMP_DHK	47	*#	DHKS complete
WT4_DAY1	48-55	*+	Final 4-year day 1 sampling weight
WT4_2DAY	56-63	*+	Final 4-year 2-day sampling weight
YEAR	@		Year of survey
WTA_DAY1	\$	*+	Final annual day 1 sampling weight
WTA_2DAY	\$	*+	Final annual 2-day sampling weight
WT3_DAY1	\$	*+	Final 3-year day 1 sampling weight
WT3_2DAY	\$	*+	Final 3-year 2-day sampling weight

- * - This field does not apply to record type 15.
See section 7.4.2 for the positions of the household sampling weights.
- # - This field does not apply to record type 50.
- + - See section 7.4.2 for the positions of the DHKS sampling weights.
- @ - This field precedes the two household sampling weights on type 15 and precedes the annual sampling weight fields on the other record types.
- \$ - These fields appear in the last 32 columns of record types 20, 25, 30, 35, and 40.

7.4.2 Sampling weights and variance estimation fields

The key fields include the sampling weights and sample design information necessary for variance estimation. Please see section 5, "SAMPLING WEIGHTS," for an explanation of the weighting process and the fields necessary for variance estimation.

Please note the following about the naming and position of the sampling weight fields:

The 3-year sampling weight fields, WT3_DAY1 and WT3_2DAY, found in columns 48-63 of the CSFII/DHKS 1994-96 release, have been relocated to the ends of record types 20, 25, 30, 35, and 40 following the annual weights. The 4-year weights, WT4_DAY1 and WT4_2DAY, have replaced the 3-year weights in columns 48-63. Note that the 3-year weights and the 4-year weights are exactly the same for all sample persons 20 and older.

3-year and 4-year household sampling weights have been added to household-level record type 15 in columns 266-281.

DHKS sampling weights remain in the positions used for the 1994-96 release.

The exact positions of these weights are provided below and in the file formats in section 9.

The final 4-year sampling weight fields are:

WT4_DAY1 The final 4-year day 1 sampling weight for all responding CSFII 1994-96, 1998 sample persons. It is located in columns 48-55 of record types 20, 25, 30, 35, and 40. This 4-year sampling weight is used whenever the sample of interest includes sample persons who provided the first day of intake data regardless of whether they provided the second day.

WT4_2DAY The final 4-year 2-day sampling weight for all CSFII 1994-96, 1998 sample persons with 2 days of intake. It is located in columns 56-63 of record types 20, 25, 30, 35, and 40. This 4-year sampling weight is used whenever the sample of interest includes only sample persons who provided 2 days of intake data.

WT4_HH The final 4-year household sampling weight for all CSFII 1994-96, 1998 households with at least one sample person providing intake data. It is located in columns 274-281 of record type 15. This 4-year sampling weight is used for analysis of household-level data.

The final 3-year sampling weight fields are:

- WT3_DAY1 The final 3-year (1994-96) day 1 sampling weight for all responding CSFII 1994-96 sample persons. It is located in columns 124-131, 466-473, 622-629, 662-669, and 680-687 of record types 20, 25, 30, 35, and 40. This 3-year sampling weight is used whenever the sample of interest includes sample persons who provided the first day of intake data regardless of whether they provided the second day.
- WT3_2DAY The final 3-year (1994-96) 2-day sampling weight for all CSFII 1994-96 sample persons with two days of intake. It is located in columns 132-139, 474-481, 630-637, 670-677, and 688-695 of record types 20, 25, 30, 35, and 40 respectively. This 3-year sampling weight is used whenever the sample of interest includes only sample persons who provided 2 days of intake data.
- WT3_HH The final 3-year household sampling weight for all CSFII 1994-96 households with at least one sample person providing intake data. It is located in columns 266-273 of record type 15. This 3-year sampling weight is used for analysis of household-level data.
- WT3_DHK The final 3-year DHKS sampling weight for all participants in the DHKS 1994-96. It is located in columns 48-55 of record type 50. This 3-year sampling weight is used whenever the sample of interest includes DHKS respondents regardless of whether they provided the second day of intake data. (All DHKS respondents provided the first day of intake data.)
- WT3_DHK2 The final 3-year DHKS sampling weight for all participants of the 1994-96 DHKS with 2 days of intake. It is located in columns 56-63 of record type 50. This 3-year sampling weight is used whenever the sample of interest includes only DHKS respondents who provided 2 days of intake data.

The final annual sampling weight fields are:

WTA_DAY1 The final annual day 1 sampling weight for all responding CSFII 1994-96, 1998 sample persons. It is located in columns 108-115, 450-457, 606-613, 646-653, and 664-671 of record types 20, 25, 30, 35, and 40 respectively. This annual sampling weight is used whenever the sample of interest includes sample persons who provided the first day of intake data regardless of whether they provided the second day.

WTA_2DAY The final annual 2-day sampling weight for all CSFII 1994-96, 1998 sample persons with 2 days of intake. It is located in columns 116-123, 458-465, 614-621, 654-661, and 672-679 of record types 20, 25, 30, 35, and 40 respectively. This annual sampling weight is used whenever the sample of interest includes only sample persons who provided 2 days of intake data.

WTA_DHK The final annual DHKS sampling weight for all participants in the DHKS 1994-96. It is located in columns 417-424 of record type 50. This annual sampling weight is used whenever the sample of interest includes DHKS respondents regardless of whether they provided the second day of intake data. (All DHKS respondents provided the first day of intake data.)

WTA_DHK2 The final annual DHKS sampling weight for all participants of the DHKS 1994-96 with 2 days of intake. It is located in columns 425-432 of record type 50. This annual sampling weight is used whenever the sample of interest includes only DHKS respondents who provided 2 days of intake data.

The CSFII base weight and nonresponse-adjusted base weight are included on record type 25:

WT_BASE The CSFII base weight. It is located in columns 104-111.

WT_ADJ The CSFII adjusted base weight. It is located in columns 112-119.

The DHKS base weight and nonresponse-adjusted base weight are included on record type 50:

WT_DHK_B The DHKS base weight. It is located in columns 114-121.

WT_DHK_A The DHKS adjusted base weight. It is located in columns 122-129.

Sample design fields pertinent to variance calculations are:

VARSTRAT The variance estimation stratum. It is located in columns 11-12 of all record types.

VARUNIT The variance estimation unit. It is located in column 13 of all record types.

These fields are intended for use as the stratum and primary sampling unit (PSU) by a conventional linearization method for estimating variances. Users should note that all records are sorted by household identification number (HHID) within any file. Because ordering by HHID implies ordering by VARSTRAT and VARUNIT, these files are already sorted by those fields. See also section 5.6 for a discussion of the jackknife replicate weights which may also be used for variance estimation and which have been included with this data release.

7.5 Question References in the Data File Formats

Where appropriate, the data file formats for record types 15, 20, 25, 30, 35, 40, and 50 contain references to the original question number that appeared on one of the CSFII or DHKS questionnaires. These references are found preceding the description of a field and consist of a letter indicating the questionnaire and the number of the question.

The following is a key to the questionnaire letters:

S - Screener questionnaire
H - Household questionnaire
DA - Individual intake questionnaire (day 1)
DB - Individual intake questionnaire (day 2)
K - DHKS questionnaire

7.6 Miscellaneous Notes

7.6.1 Responding sample persons with no foods reported for a day

There are sample persons who completed an individual intake interview but reported consuming no foods or beverages for that day. The record type 25 fields providing the number of foods reported for a day, D1_NREC and D2_NREC, will have a value of 0 in such cases. Such sample persons do not have record type 30's for that day but do have type 35 and 40 records for which values of zero have been assigned to the food amounts and nutrient totals. These values of zero are acceptable observations and should generally be used in estimation.

7.6.2 Breast-fed children

There are two fields which correspond to different measures of breast-feeding. A child 3 years of age or younger identified by the household respondent as being breast-fed will have a value of 1 in the Key Field BF_STAT. An additional field, the breast milk consumption flag, is included in record types 35 and 40 to indicate whether the child did or did not consume breast milk. This breast milk consumption flag is based on whether or not human milk (FOODCODE=11000000) was reported at least once in the given day or, in the case of an average record, on either day. In food item record type 30 the field for the amount of food in grams is left blank for human milk records because amounts of breast milk were not quantified. Intake information on other beverages and foods and on nutrients provided by those items is included for breast-fed sample persons. However, the daily nutrient totals or averages on record type 40 do not include the contribution from breast milk, and the milk fields on record type 35 also do not include any contribution from breast milk.

7.6.3 Children born during the time interval between screening and the household interview

It is possible for a child to be born to household members or for a person to have joined the household after the time of screening but before the time of the household interview. Because household composition is determined at the time of screening, these persons are not considered household members and they will not have a record type 20. However, the responses to several questions on the household questionnaire can make reference to these persons. This situation arose several times in 1995 and once in 1996, and the set of responses to questions related to breast-feeding and WIC participation were modified as necessary. The fields BF_WHO1, BF_WHO2, WIC_WHO1, WIC_WHO2, WIC_WHO3, WIC_WHO4, and WIC_WHO5 now allow a value of 'W', indicating 'a person added to the household after screening.' See section 9.2.1, "Record type 15: Households," for more information.

7.6.4 Other changes to the file formats for 1998

The dietary components caffeine, theobromine, and selenium have been added to record types 30 and 40 for all years. They may be found in columns 572-581 on record type 30 and in columns 623-652 on record type 40. The percentage of a person's 1989 recommended daily allowance for selenium met by the daily intake has also been added. It may be found in columns 653-659 on record type 40.

7.7 References

SAS Institute, INC. 1990. SAS language: Reference, version 6, first edition. SAS Institute, Inc., Cary, NC.

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.1 Record type 15: Households

Name	Description	Starting Position	Question Source
BF_ANY	Breast fed: anyone in HH	140	H29
BF_WHO1	Breast fed: child 1	141	H30
BF_WHO2	Breast fed: child 2	143	H30
BF_WOM1	Breast fed: woman 1	142	H31
BF_WOM2	Breast fed: woman 2	144	H31
CASH5000	Savings/assets: over \$5,000	190	H54
CASHCODE	Savings/assets: amount under \$5,000	191	H55
CCARE1	Child care food: child 1	168	H42
CCARE2	Child care food: child 2	170	H42
CCARE3	Child care food: child 3	172	H42
CCARE4	Child care food: child 4	174	H42
CCARE5	Child care food: child 5	176	H42
CCARE6	Child care food: child 6	178	H42
CCAREL1	Line letter of first child 1-5	167	H42
CCAREL2	Line letter of second child 1-5	169	H42
CCAREL3	Line letter of third child 1-5	171	H42
CCAREL4	Line letter of fourth child 1-5	173	H42
CCAREL5	Line letter of fifth child 1-5	175	H42
CCAREL6	Line letter of sixth child 1-5	177	H42
CNT_D1	Count of day 1 SPs in HH	67	
CNT_D2	Count of day 2 SPs in HH	69	
COMP_HH	HH interview completion flag	64	
DHK_HH	DHKS from HH	71	
D_ALLERG	Diet: allergy	131	H25
D_ANYMEM	Diet: any HH members	121	H24
D_BLAND	Diet: bland (ulcer)	129	H25
D_CALOR	Diet: weight loss / low calorie	122	H25
D_DIABET	Diet: diabetic	128	H25
D_FAT	Diet: low fat / cholesterol	123	H25
D_HFIBER	Diet: high fiber	127	H25
D_LFIBER	Diet: low fiber	126	H25
D_OTHER	Diet: other	132	H25
D_SODIUM	Diet: low salt / sodium	124	H25
D_SUGAR	Diet: sugar free / low sugar	125	H25
D_WTGAIN	Diet: weight gain	130	H25
FOODDESC	Description of food eaten in HH	179	H43
FS_COV01	Food stamps: first person covered	239	H62
FS_COV02	Food stamps: second person covered	240	H62
FS_COV03	Food stamps: third person covered	241	H62
FS_COV04	Food stamps: fourth person covered	242	H62
FS_COV05	Food stamps: fifth person covered	243	H62
FS_COV06	Food stamps: sixth person covered	244	H62
FS_COV07	Food stamps: seventh person covered	245	H62
FS_COV08	Food stamps: eighth person covered	246	H62
FS_COV09	Food stamps: ninth person covered	247	H62
FS_COV10	Food stamps: tenth person covered	248	H62
FS EVERY	Food stamps: everyone receiving	238	H61
FS_INC	Food stamps: income of members	249	H63
FS_MNTH	Food stamps: month last received	253	H64

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.1 Record type 15: Households -- continued

Name	Description	Starting Position	Question Source
FS_NOW	Food stamps: at present	237	H60
FS_RCV12	Food stamps: in last 12 months	31	H59
FS_VAL	Food stamps: total amount	259	H65
FS_YEAR	Food stamps: year last received	255	H64
H2O_BEVR	Source of water: beverages	105	H19
H2O_COOK	Source of water: cooking	103	H18
H2O_DRNK	Source of water: drinking	107	H20
HEAD_F	Head of HH: female	100	H8
HEAD_M	Head of HH: male	101	H9
HHID	Household ID	3	
HHSIZE	Household size	16	
HH_LANG	Language type of HH quex	66	
HH_RESP	HH respondent	65	
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
MINC_A1	Mon. inc.: amount: wages	207	H57
MINC_A2	Mon. inc.: amount: SS/SSI	212	H57
MINC_A3	Mon. inc.: amount: pension	217	H57
MINC_A4	Mon. inc.: amount: unemployment	222	H57
MINC_A5	Mon. inc.: amount: AFDC	227	H57
MINC_A6	Mon. inc.: amount: other	232	H57
MINC_RDK	Mon. inc.: under 130%	236	H58
MINC_S1	Mon. inc.: source: wages	206	H56
MINC_S2	Mon. inc.: source: SS/SSI	211	H56
MINC_S3	Mon. inc.: source: pension	216	H56
MINC_S4	Mon. inc.: source: unemployment	221	H56
MINC_S5	Mon. inc.: source: AFDC	226	H56
MINC_S6	Mon. inc.: source: other	231	H56
NEFD_DYS	Not enough: days without	188	H46
NEFD_M1	Not enough: last month	180	H44
NEFD_M2	Not enough: month before last	181	H44
NEFD_M3	Not enough: 2 months before last	182	H44
NEFD_R1	Not enough: reason: money	183	H45
NEFD_R2	Not enough: reason: appliances	184	H45
NEFD_R3	Not enough: reason: transportation	185	H45
NEFD_R4	Not enough: reason: too busy	186	H45
NEFD_R5	Not enough: reason: other	187	H45
NUM1_5	Count of children 1 - 5	166	H42
PCTPOV	Annual income: percent of poverty	26	
PLAN_1	Meal planner: first	110	H21
PLAN_2	Meal planner: second	111	H21
PLAN_3	Meal planner: third	112	H21
PLAN_ALL	Meal planner: all HH members	109	H21
POVCAT	Annual income: % of poverty category	29	
PREP_1	Food preparer: first	118	H23
PREP_2	Food preparer: second	119	H23

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.1 Record type 15: Households -- continued

Name	Description	Starting Position	Question Source
PREP_3	Food preparer: third	120	H23
PREP_ALL	Food preparer: all HH members	117	H23
PRG_ANY	Pregnant: anyone in HH pregnant	133	H26
PRG_TIM1	Pregnant: person 1: month	135	H28
PRG_TIM2	Pregnant: person 2: month	138	H28
PRG_WHO1	Pregnant: person 1	134	H27
PRG_WHO2	Pregnant: person 2	137	H27
REGION	Region	14	
RT	Record type	1	
SHOP_1	Food shopper: first	114	H22
SHOP_2	Food shopper: second	115	H22
SHOP_3	Food shopper: third	116	H22
SHOP_ALL	Food shopper: all HH members	113	H22
SHP_AWAU	Amount: unit for SHP_AWAY	99	H7
SHP_AWAY	Amount: away from home: week/month	95	H7
SHP_FAST	Amount: fast food: week/month	90	H6
SHP_FASU	Amount: unit for SHP_FAST	94	H6
SHP_FREQ	Major food shopping: frequency	72	H1
SHP_GROC	Amount: grocery store: week/month	75	H3
SHP_GROU	Amount: unit for SHP_GROC	79	H3
SHP_NONF	Amount: nonfood: week/month	80	H4
SHP_NONU	Amount: unit for SHP_NONF	84	H4
SHP_SPEC	Amount: specialty stores: week/month	85	H5
SHP_SPEU	Amount: unit for SHP_SPEC	89	H5
SHP_STOR	Major food shopping: kind of store	73	H2
TENURE	Tenure	102	H17
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
WIC_ANY	WIC: anyone in HH	145	H32
WIC_TIM1	WIC: how long - person 1	147	H34
WIC_TIM2	WIC: how long - person 2	151	H34
WIC_TIM3	WIC: how long - person 3	155	H34
WIC_TIM4	WIC: how long - person 4	159	H34
WIC_TIM5	WIC: how long - person 5	163	H34
WIC_UNT1	WIC: unit for WIC_TIM1	149	H34
WIC_UNT2	WIC: unit for WIC_TIM2	153	H34
WIC_UNT3	WIC: unit for WIC_TIM3	157	H34
WIC_UNT4	WIC: unit for WIC_TIM4	161	H34
WIC_UNT5	WIC: unit for WIC_TIM5	165	H34
WIC_WHO1	WIC: person 1	146	H33
WIC_WHO2	WIC: person 2	150	H33
WIC_WHO3	WIC: person 3	154	H33
WIC_WHO4	WIC: person 4	158	H33
WIC_WHO5	WIC: person 5	162	H33
WT3_HH	3-year household sampling weight	266	
WT4_HH	4-year household sampling weight	274	
YEAR	Year of survey	262	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.1 Record type 15: Households -- continued

Name	Description	Starting Position	Question Source
YINC_A1	Ann. inc.: amount: business	193	H49
YINC_A2	Ann. inc.: amount: interest	200	H51
YINC_S1	Ann. inc.: source: business	192	H48
YINC_S2	Ann. inc.: source: interest	199	H50

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.2 Record type 20: Household members

Name	Description	Starting Position	Question Source
AGE	Age in years	32	
AGE_M	Age in months	34	
BF_STAT	Breastfeeding status	43	
BF_WOMAN	Letter of woman nursing child	87	H31
BRK_COST	School breakfast: cost	102	H41
BRK_NUM	School breakfast: # per week	99	H40
BRK_SERV	School breakfast: served	98	H39
BRK_UNIT	School breakfast: unit for BRK_NUM	101	H40
CCARE_ML	Meals/snacks from child care	103	H42
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
EMP_ABS	Work: temporarily absent	67	H12
EMP_HRS	Work: hours last week	68	H13
EMP_HRU	Work: hours usual	71	H14
EMP_LW	Work: at all last week	66	H11
EMP_OCC	Work: occupation	74	H15
EMP_RES	Work: reason for not working	76	H16
EMP_STAT	Employment status	78	H10,H11,H12
FS_AUTH	Food stamps: authorized	44	
FS_RCV12	Food stamps: in last 12 months	31	H59
GRADE	Highest grade completed	64	H10
HEAD_HH	Head of household	41	H8,H9
HHID	Household ID	3	
HHSIZE	Household size	16	
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
LCH_COST	School lunch: cost	97	H38
LCH_NUM	School lunch: # reported	94	H37
LCH_SERV	School lunch: served	93	H36
LCH_UNIT	School lunch: unit for LCH_NUM	96	H37
LINELET	Line letter for HH member	10	
ORIGIN	Hispanic origin	40	H10
PCTPOV	Annual income: percent of poverty	26	
PLAN_ONE	Meal planner: only	80	H21
PLAN_YN	Meal planner: yes or no	79	H21
PL_STAT	Pregnant/lactating status	42	
POVCAT	Annual income: % of poverty category	29	
PREP_ONE	Food preparer: only	84	H23
PREP_YN	Food preparer: yes or no	83	H23
PRG_MON	Number of months pregnant	85	H28
RACE	Race	39	H9
REGION	Region	14	
REL_REF	Relationship to reference person	37	S8
RT	Record type	1	
SCHOOL	Attends school	92	H35
SEX	Sex	36	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.2 Record type 20: Household members -- continued

Name	Description	Starting Position	Question Source
SHOP_ONE	Food shopper: only	82	H22
SHOP_YN	Food shopper: yes or no	81	H22
SPNUM	Sample person number	8	
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
WIC_TIME	WIC: how long receiving benefits	89	H34
WIC_UNIT	WIC: unit for WIC_TIME	91	H34
WIC_YN	WIC: receiving benefits	88	H32,H33
WT3_2DAY	Final 3-year 2-day sampling weight	132	
WT3_DAY1	Final 3-year day 1 sampling weight	124	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WTA_2DAY	Final annual 2-day sampling weight	116	
WTA_DAY1	Final annual day 1 sampling weight	108	
YEAR	Year of survey	104	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons

Name	Description	Starting Position	Question Source
AGE	Age in years	32	
AGE_M	Age in months	34	
ALC_ANY	Alcohol: any in year	362	DA40
ALC_BEER	Alcohol: beer	363	DA41
ALC_LIQR	Alcohol: liquor	365	DA41
ALC_OTHR	Alcohol: other	366	DA41
ALC_WINE	Alcohol: wine	364	DA41
ALLERG01	Allergy: wheat	329	DA33
ALLERG02	Allergy: cow's milk	330	DA33
ALLERG03	Allergy: eggs	331	DA33
ALLERG04	Allergy: fish	332	DA33
ALLERG05	Allergy: corn	333	DA33
ALLERG06	Allergy: peanuts	334	DA33
ALLERG07	Allergy: other nuts	335	DA33
ALLERG08	Allergy: soy products	336	DA33
ALLERG09	Allergy: chocolate	337	DA33
ALLERG10	Allergy: other dairy	338	DA33
ALLERG11	Allergy: other vegetables	339	DA33
ALLERG12	Allergy: specified fruits	340	DA33
ALLERG13	Allergy: pork	341	DA33
ALLERG14	Allergy: wine / alcohol	342	DA33
ALLERG15	Allergy: food additives	343	DA33
ALLERG16	Allergy: other meats	344	DA33
ALLERG17	Allergy: specified spices	345	DA33
ALLERG18	Allergy: other	346	DA33
ALLERGY	Allergy: yes or no	328	DA32
BF_STAT	Breastfeeding status	43	
BF_WOMAN	Letter of woman nursing child	87	H31
BMI_SP	Body mass index	322	
BRK_COST	School breakfast: cost	102	H41
BRK_NUM	School breakfast: # per week	99	H40
BRK_SERV	School breakfast: served	98	H39
BRK_UNIT	School breakfast: unit for BRK_NUM	101	H40
CCARE_ML	Meals/snacks from child care	103	H42
CHOL_CHK	Blood cholesterol checked	316	DA28
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
D1_AMTUS	Day 1: Amount usual	131	DA10
D1_DATAR	Day 1: data retrieval necessary?	420	DA_F
D1_DATE	Day 1: date of intake	122	
D1_DAY	Day 1: day of week of intake	128	
D1_DIFF	Day 1: difficulty with interview?	418	DA_C
D1_H2O_A	Day 1: away from home water	140	DA17
D1_H2O_H	Day 1: water from home	139	DA16
D1_H2O_O	Day 1: amount of water	136	DA15
D1_HEAR	Day 1: could answers be overheard?	419	DA_E
D1_LANG	Day 1: language	396	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
D1_LESS	Day 1: Reason for less	132	DA11
D1_MAINR	Day 1: main respondent	398	DA_A
D1_MNTH	Day 1: month of intake	120	
D1_MORE	Day 1: Reason for more	134	DA12
D1_NREC	Day 1: number of food records	129	
D1_PROXY	Day 1: proxy	397	
D1_SEC01	Day 1: Sec. resp.: no one	400	DA_B
D1_SEC02	Day 1: Sec. resp.: SP	401	DA_B
D1_SEC03	Day 1: Sec. resp.: mother	402	DA_B
D1_SEC04	Day 1: Sec. resp.: father	403	DA_B
D1_SEC05	Day 1: Sec. resp.: wife	404	DA_B
D1_SEC06	Day 1: Sec. resp.: husband	405	DA_B
D1_SEC07	Day 1: Sec. resp.: daughter	406	DA_B
D1_SEC08	Day 1: Sec. resp.: son	407	DA_B
D1_SEC09	Day 1: Sec. resp.: sister	408	DA_B
D1_SEC10	Day 1: Sec. resp.: brother	409	DA_B
D1_SEC11	Day 1: Sec. resp.: grandparent	410	DA_B
D1_SEC12	Day 1: Sec. resp.: aunt	411	DA_B
D1_SEC13	Day 1: Sec. resp.: uncle	412	DA_B
D1_SEC14	Day 1: Sec. resp.: friend	413	DA_B
D1_SEC15	Day 1: Sec. resp.: translator	414	DA_B
D1_SEC16	Day 1: Sec. resp.: provider	415	DA_B
D1_SEC17	Day 1: Sec. resp.: other relative	416	DA_B
D1_SEC18	Day 1: Sec. resp.: other	417	DA_B
D1_TV	Day 1: Hours of TV / video	141	DA35
D1_YEAR	Day 1: year of intake	124	
D2_AMTUS	Day 2: Amount usual	154	DB10
D2_DATAR	Day 2: data retrieval necessary?	445	DB_F
D2_DATE	Day 2: date of intake	145	
D2_DAY	Day 2: day of week of intake	151	
D2_DIFF	Day 2: difficulty with interview?	444	DB_C
D2_H2O_A	Day 2: away from home water	163	DB15
D2_H2O_H	Day 2: water from home	162	DB14
D2_H2O_O	Day 2: amount of water	159	DB13
D2_LANG	Day 2: language	421	
D2_LESS	Day 2: Reason for less	155	DB11
D2_MAINR	Day 2: main respondent	424	DB_A
D2_MNTH	Day 2: month of intake	143	
D2_MORE	Day 2: Reason for more	157	DB12
D2_NREC	Day 2: number of food records	152	
D2_PHONE	Day 2: phone	423	
D2_PROXY	Day 2: proxy	422	
D2_SEC01	Day 2: Sec. resp.: no one	426	DB_B
D2_SEC02	Day 2: Sec. resp.: SP	427	DB_B
D2_SEC03	Day 2: Sec. resp.: mother	428	DB_B
D2_SEC04	Day 2: Sec. resp.: father	429	DB_B
D2_SEC05	Day 2: Sec. resp.: wife	430	DB_B
D2_SEC06	Day 2: Sec. resp.: husband	431	DB_B

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
D2_SEC07	Day 2: Sec. resp.: daughter	432	DB_B
D2_SEC08	Day 2: Sec. resp.: son	433	DB_B
D2_SEC09	Day 2: Sec. resp.: sister	434	DB_B
D2_SEC10	Day 2: Sec. resp.: brother	435	DB_B
D2_SEC11	Day 2: Sec. resp.: grandparent	436	DB_B
D2_SEC12	Day 2: Sec. resp.: aunt	437	DB_B
D2_SEC13	Day 2: Sec. resp.: uncle	438	DB_B
D2_SEC14	Day 2: Sec. resp.: friend	439	DB_B
D2_SEC15	Day 2: Sec. resp.: translator	440	DB_B
D2_SEC16	Day 2: Sec. resp.: provider	441	DB_B
D2_SEC17	Day 2: Sec. resp.: other relative	442	DB_B
D2_SEC18	Day 2: Sec. resp.: other	443	DB_B
D2_TV	Day 2: Hours of TV / video	164	DB16
D2_YEAR	Day 2: year of intake	147	
DOCTOR1	Doctor told: diabetes	347	DA34
DOCTOR2	Doctor told: high blood pressure	348	DA34
DOCTOR3	Doctor told: heart disease	349	DA34
DOCTOR4	Doctor told: cancer	350	DA34
DOCTOR5	Doctor told: osteoporosis	351	DA34
DOCTOR6	Doctor told: high blood cholesterol	352	DA34
DOCTOR7	Doctor told: stroke	353	DA34
DT01_R01	Diet: low cal: doctor	170	DA20
DT01_R02	Diet: low cal: condition	171	DA20
DT01_R03	Diet: low cal: joined	172	DA20
DT01_R04	Diet: low cal: health	173	DA20
DT01_R05	Diet: low cal: weight loss	174	DA20
DT01_R06	Diet: low cal: existing condition	175	DA20
DT01_R07	Diet: low cal: other	176	DA20
DT01_SRC	Diet: low cal: source	177	DA21
DT01_YN	Diet: low cal: yes or no	169	DA19
DT02_R01	Diet: low fat: doctor	180	DA20
DT02_R02	Diet: low fat: condition	181	DA20
DT02_R03	Diet: low fat: joined	182	DA20
DT02_R04	Diet: low fat: health	183	DA20
DT02_R05	Diet: low fat: weight loss	184	DA20
DT02_R06	Diet: low fat: existing condition	185	DA20
DT02_R07	Diet: low fat: other	186	DA20
DT02_SRC	Diet: low fat: source	187	DA21
DT02_YN	Diet: low fat: yes or no	179	DA19
DT03_R01	Diet: low salt: doctor	190	DA20
DT03_R02	Diet: low salt: condition	191	DA20
DT03_R03	Diet: low salt: joined	192	DA20
DT03_R04	Diet: low salt: health	193	DA20
DT03_R05	Diet: low salt: weight loss	194	DA20
DT03_R06	Diet: low salt: existing condition	195	DA20
DT03_R07	Diet: low salt: other	196	DA20
DT03_SRC	Diet: low salt: source	197	DA21
DT03_YN	Diet: low salt: yes or no	189	DA19

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
DT04_R01	Diet: low sugar: doctor	200	DA20
DT04_R02	Diet: low sugar: condition	201	DA20
DT04_R03	Diet: low sugar: joined	202	DA20
DT04_R04	Diet: low sugar: health	203	DA20
DT04_R05	Diet: low sugar: weight loss	204	DA20
DT04_R06	Diet: low sugar: existing condition	205	DA20
DT04_R07	Diet: low sugar: other	206	DA20
DT04_SRC	Diet: low sugar: source	207	DA21
DT04_YN	Diet: low sugar: yes or no	199	DA19
DT05_R01	Diet: low fiber: doctor	210	DA20
DT05_R02	Diet: low fiber: condition	211	DA20
DT05_R03	Diet: low fiber: joined	212	DA20
DT05_R04	Diet: low fiber: health	213	DA20
DT05_R05	Diet: low fiber: weight loss	214	DA20
DT05_R06	Diet: low fiber: existing condition	215	DA20
DT05_R07	Diet: low fiber: other	216	DA20
DT05_SRC	Diet: low fiber: source	217	DA21
DT05_YN	Diet: low fiber: yes or no	209	DA19
DT06_R01	Diet: high fiber: doctor	220	DA20
DT06_R02	Diet: high fiber: condition	221	DA20
DT06_R03	Diet: high fiber: joined	222	DA20
DT06_R04	Diet: high fiber: health	223	DA20
DT06_R05	Diet: high fiber: weight loss	224	DA20
DT06_R06	Diet: high fiber: existing condition	225	DA20
DT06_R07	Diet: high fiber: other	226	DA20
DT06_SRC	Diet: high fiber: source	227	DA21
DT06_YN	Diet: high fiber: yes or no	219	DA19
DT07_R01	Diet: diabetic: doctor	230	DA20
DT07_R02	Diet: diabetic: condition	231	DA20
DT07_R03	Diet: diabetic: joined	232	DA20
DT07_R04	Diet: diabetic: health	233	DA20
DT07_R05	Diet: diabetic: weight loss	234	DA20
DT07_R06	Diet: diabetic: existing condition	235	DA20
DT07_R07	Diet: diabetic: other	236	DA20
DT07_SRC	Diet: diabetic: source	237	DA21
DT07_YN	Diet: diabetic: yes or no	229	DA19
DT08_R01	Diet: weight gain: doctor	240	DA20
DT08_R02	Diet: weight gain: condition	241	DA20
DT08_R03	Diet: weight gain: joined	242	DA20
DT08_R04	Diet: weight gain: health	243	DA20
DT08_R05	Diet: weight gain: weight loss	244	DA20
DT08_R06	Diet: weight gain: existing condition	245	DA20
DT08_R07	Diet: weight gain: other	246	DA20
DT08_SRC	Diet: weight gain: source	247	DA21
DT08_YN	Diet: weight gain: yes or no	239	DA19
DT09_R01	Diet: hypoglycemic: doctor	250	DA20
DT09_R02	Diet: hypoglycemic: condition	251	DA20
DT09_R03	Diet: hypoglycemic: joined	252	DA20

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
DT09_R04	Diet: hypoglycemic: health	253	DA20
DT09_R05	Diet: hypoglycemic: weight loss	254	DA20
DT09_R06	Diet: hypoglycemic: existing cond.	255	DA20
DT09_R07	Diet: hypoglycemic: other	256	DA20
DT09_SRC	Diet: hypoglycemic: yes or no	257	DA21
DT09_YN	Diet: hypoglycemic: yes or no	249	DA19
DT10_R01	Diet: ulcer: doctor	260	DA20
DT10_R02	Diet: ulcer: condition	261	DA20
DT10_R03	Diet: ulcer: joined	262	DA20
DT10_R04	Diet: ulcer: health	263	DA20
DT10_R05	Diet: ulcer: weight loss	264	DA20
DT10_R06	Diet: ulcer: existing condition	265	DA20
DT10_R07	Diet: ulcer: other	266	DA20
DT10_SRC	Diet: ulcer: source	267	DA21
DT10_YN	Diet: ulcer: source	259	DA19
DT11_R01	Diet: other: doctor	270	DA20
DT11_R02	Diet: other: condition	271	DA20
DT11_R03	Diet: other: joined	272	DA20
DT11_R04	Diet: other: health	273	DA20
DT11_R05	Diet: other: weight loss	274	DA20
DT11_R06	Diet: other: existing condition	275	DA20
DT11_R07	Diet: other: other	276	DA20
DT11_SRC	Diet: other: source	277	DA21
DT11_YN	Diet: other: yes or no	269	DA19
DT_ANY	Diet: on any diet	168	DA18
EATEN_01	Eaten: artichokes	367	DB_17
EATEN_02	Eaten: asparagus	368	DB_17
EATEN_03	Eaten: broccoli	369	DB_17
EATEN_04	Eaten: brussels sprouts	370	DB_17
EATEN_05	Eaten: cauliflower	371	DB_17
EATEN_06	Eaten: eggplant	372	DB_17
EATEN_07	Eaten: kale	373	DB_17
EATEN_08	Eaten: swiss chard	374	DB_17
EATEN_09	Eaten: okra	375	DB_17
EATEN_10	Eaten: spinach	376	DB_17
EATEN_11	Eaten: summer squash	377	DB_17
EATEN_12	Eaten: winter squash	378	DB_17
EATEN_13	Eaten: yams	379	DB_17
EATEN_14	Eaten: turnips	380	DB_17
EATEN_15	Eaten: avocado	381	DB_17
EATEN_16	Eaten: grapefruit	382	DB_17
EATEN_17	Eaten: cantaloupe	383	DB_17
EATEN_18	Eaten: honeydew	384	DB_17
EATEN_19	Eaten: watermelon	385	DB_17
EATEN_20	Eaten: nectarines	386	DB_17
EATEN_21	Eaten: pears	387	DB_17
EATEN_22	Eaten: plums	388	DB_17
EATEN_23	Eaten: rhubarb	389	DB_17

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
EATEN_24	Eaten: chicken liver	390	DB_17
EATEN_25	Eaten: beef, veal or pork liver	391	DB_17
EATEN_26	Eaten: lamb	392	DB_17
EATEN_27	Eaten: shellfish	393	DB_17
EATEN_28	Eaten: fish	394	DB_17
EATEN_29	Eaten: caught fish	395	DB_17
EMP_ABS	Work: temporarily absent	67	H12
EMP_HRS	Work: hours last week	68	H13
EMP_HRU	Work: hours usual	71	H14
EMP_LW	Work: at all last week	66	H11
EMP_OCC	Work: occupation	74	H15
EMP_RES	Work: reason for not working	76	H16
EMP_STAT	Employment status	78	H10,H11,H12
EXERCISE	Exercise frequency	354	DA36
FIBER	Fiber supplement	315	DA27
FISH_OIL	Fish oil supplement	314	DA26
FS_AUTH	Food stamps: authorized	44	
FS_RCV12	Food stamps: in last 12 months	31	H59
GRADE	Highest grade completed	64	H10
HEAD_HH	Head of household	41	H8,H9
HEALTH	Health status	327	DA31
HGT_SP	Height of SP	317	DA29
HHID	Household ID	3	
HHSIZE	Household size	16	
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
LCH_COST	School lunch: cost	97	H38
LCH_NUM	School lunch: # reported	94	H37
LCH_SERV	School lunch: served	93	H36
LCH_UNIT	School lunch: unit for LCH_NUM	96	H37
LINELET	Line letter for HH members	10	
ORIGIN	Hispanic origin	40	H10
PCTPOV	Annual income: percent of poverty	26	
PLAN_ONE	Meal planner: only	80	H21
PLAN_YN	Meal planner: yes or no	79	H21
PL_STAT	Pregnant/lactating status	42	
POVCAT	Annual income: % of poverty category	29	
PREP_ONE	Food preparer: only	84	H23
PREP_YN	Food preparer: yes or no	83	H23
PRG_MON	Number of months pregnant	85	H28
RACE	Race	39	H9
REGION	Region	14	
REL_REF	Relationship to reference person	37	S8
RT	Record type	1	
SALT_FRQ	Salt frequency	167	DA14
SALT_TYP	Salt type	166	DA13

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
SCHOOL	Attends school	92	H35
SEX	Sex	36	
SHOP_ONE	Food shopper: only	82	H22
SHOP_YN	Food shopper: yes or no	81	H22
SMK_100	Smoke: 100 cigarettes	355	DA37
SMK_DAY	Smoke: # per day	357	DA39
SMK_NOW	Smoke: now	356	DA38
SPNUM	Sample person number	8	
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
VEGET	Vegetarian	279	DA22
VT_CIRON	Vit sup: C and iron	283	DA24
VT_FREQ	Vit sup: frequency	280	DA23
VT_MULT	Vit sup: multivitamin	281	DA24
VT_MULT2	Vit sup: multi plus	282	DA24
VT_SNG01	Vit sup: vitamin A	285	DA25
VT_SNG02	Vit sup: vitamin B	286	DA25
VT_SNG03	Vit sup: vitamin C	287	DA25
VT_SNG04	Vit sup: vitamin D	288	DA25
VT_SNG05	Vit sup: vitamin E	289	DA25
VT_SNG06	Vit sup: calcium	290	DA25
VT_SNG07	Vit sup: folacin	291	DA25
VT_SNG08	Vit sup: fluoride	292	DA25
VT_SNG09	Vit sup: iron	293	DA25
VT_SNG10	Vit sup: zinc	294	DA25
VT_SNG11	Vit sup: selenium	295	DA25
VT_SNG12	Vit sup: chromium	296	DA25
VT_SNG13	Vit sup: beta carotene	297	DA25
VT_SNG14	Vit sup: biotin	298	DA25
VT_SNG15	Vit sup: boron	299	DA25
VT_SNG16	Vit sup: chloride	300	DA25
VT_SNG17	Vit sup: copper	301	DA25
VT_SNG18	Vit sup: iodine	302	DA25
VT_SNG19	Vit sup: magnesium	303	DA25
VT_SNG20	Vit sup: molybdenum	304	DA25
VT_SNG21	Vit sup: pantothenic acid	305	DA25
VT_SNG22	Vit sup: phosphorus	306	DA25
VT_SNG23	Vit sup: potassium	307	DA25
VT_SNG24	Vit sup: sodium	308	DA25
VT_SNG25	Vit sup: vitamin K	309	DA25
VT_SNG26	Vit sup: other	310	DA25
VT_SNGL	Vit sup: any singles	284	DA24
WGT_SP	Weight of SP	319	DA30
WIC_TIME	WIC: how long receiving benefits	89	H34
WIC_UNIT	WIC: unit for WIC_TIME	91	H34
WIC_YN	WIC: receiving benefits	88	H32,H33
WT4_2DAY	Final 4-year 2-day sampling weight	56	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT3_2DAY	Final 3-year 2-day sampling weight	474	
WT3_DAY1	Final 3-year day 1 sampling weight	466	
WTA_2DAY	Final annual 2-day sampling weight	458	
WTA_DAY1	Final annual day 1 sampling weight	450	
WT_ADJ	Adjusted base weight	112	
WT_BASE	Base weight	104	
YEAR	Year of survey	446	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.4 Record type 30: Food items (nutrients)

Name	Description	Starting Position	Question Source
AGE	Age in years	32	
AGE_M	Age in months	34	
ALCOHOL	Alcohol - g	411	
BF_STAT	Breastfeeding status	43	
CAFFEINE	Caffeine - mg	572	
CALCIUM	Calcium - mg	331	
CALEQ	Dairy foods in calcium equiv. (mg)	431	
CARBO	Carbohydrate - g	201	
CARO	Carotene - RE	241	
CHOLES	Cholesterol - mg	191	
COMBNUM	Combination number	104	
COMBTYP	Combination type	106	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
COPPER	Copper - mg	381	
DAYCODE	Day of intake	64	
EATHOME	Was food eaten at home	102	I8
ENERGY	Food energy - kcal	131	
EVERHOME	Was food ever at home	103	I9
FA10_0	Fatty acid 10:0 - g	460	
FA12_0	Fatty acid 12:0 - g	467	
FA14_0	Fatty acid 14:0 - g	474	
FA16_0	Fatty acid 16:0 - g	481	
FA16_1	Fatty acid 16:1 - g	495	
FA18_0	Fatty acid 18:0 - g	488	
FA18_1	Fatty acid 18:1 - g	502	
FA18_2	Fatty acid 18:2 - g	523	
FA18_3	Fatty acid 18:3 - g	530	
FA18_4	Fatty acid 18:4 - g	537	
FA20_1	Fatty acid 20:1 - g	509	
FA20_4	Fatty acid 20:4 - g	544	
FA20_5	Fatty acid 20:5 - g	551	
FA22_1	Fatty acid 22:1 - g	516	
FA22_5	Fatty acid 22:5 - g	558	
FA22_6	Fatty acid 22:6 - g	565	
FA4_0	Fatty acid 4:0 - g	439	
FA6_0	Fatty acid 6:0 - g	446	
FA8_0	Fatty acid 8:0 - g	453	
FIBER	Dietary fiber	211	
FOLATE	Folate - mcg	311	
FOODAMT	Amount of food in grams	81	
FOODCODE	Food code	67	
FOODSRCE	Source of food item	100	I7
FS_AUTH	Food stamps: authorized	44	
FS_RCV12	Food stamps: in last 12 months	31	H59
HEAD_HH	Head of household	41	H8,H9
HHID	Household ID	3	
HHSIZE	Household size	16	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.4 Record type 30: Food items (nutrients) -- continued

Name	Description	Starting Position	Question Source
HOWMANY	Original amount	109	I4/5
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
IRON	Iron - mg	361	
LINELET	Line letter	10	
MAGNES	Magnesium - mg	351	
MEASRNUM	Measure description number	119	I4/5
MEASURE	Original unit of measure	117	I4/5
MFAT	Monounsaturated fat - g	171	
MODCODE	Modification code	75	
NIACIN	Niacin - mg	291	
OCC_AMPM	Occasion: am / pm	97	I2
OCC_HR	Occasion: hour	93	I2
OCC_MIN	Occasion: minute	95	I2
OCC_NAME	Occasion: name	98	I3
OCC_TIME	Occasion: time	89	I2
ORIGIN	Hispanic origin	40	H10
PCTPOV	Annual income: percent of poverty	26	
PFAT	Polyunsaturated fat - g	181	
PHOS	Phosphorus - mg	341	
PL_STAT	Pregnant/lactating status	42	
POTASS	Potassium - mg	401	
POVCAT	Annual income: % of poverty category	29	
PROTEIN	Protein - g	141	
RACE	Race	39	H9
REGION	Region	14	
REL_REF	Relationship to reference person	37	S8
RIBO	Riboflavin - mg	281	
RT	Record type	1	
SALTUSED	Salt used in preparation	108	I4
SELENIUM	Selenium - mcg	592	
SEQNUM	Line item number	65	
SEX	Sex	36	
SFAT	Saturated fat - g	161	
SODIUM	Sodium - mg	391	
SPNUM	SP number	8	
SUBCODE	Subcode	124	
TFAT	Total fat - g	151	
THEOBROM	Theobromine - mg	582	
THIAMIN	Thiamin - mg	271	
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
VITA_IU	Vitamin A - IU	221	
VITA_RE	Vitamin A - RE	231	
VITB12	Vitamin B12 - mcg	321	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.4 Record type 30: Food items (nutrients) -- continued

Name	Description	Starting Position	Question Source
VITB6	Vitamin B6 - mg	301	
VITC	Vitamin C - mg	261	
VITE	Vitamin E - mg	251	
WATER	Water - g	421	
WT3_2DAY	Final 3-year 2-day sampling weight	630	
WT3_DAY1	Final 3-year day 1 sampling weight	622	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WTA_2DAY	Final annual 2-day sampling weight	614	
WTA_DAY1	Final annual day 1 sampling weight	606	
YEAR	Year of survey	602	
ZINC	Zinc - mg	371	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.5 Record type 35: Food groups

Name	Description	Starting Position	Question Source
AGE	Age in years	32	
AGE_M	Age in months	34	
BEV0	Total beverages	538	
BEV1	Total alcoholic beverages	546	
BEV11	Wine	554	
BEV12	Beer and ale	562	
BEV2	Total nonalcoholic beverages	570	
BEV21	Coffee	578	
BEV22	Tea	586	
BEV23	Total fruit drinks and ades	594	
BEV231	Regular fruit drinks and ades	602	
BEV232	Low-calorie fruit drinks and ades	610	
BEV24	Total carbonated soft drinks	618	
BEV241	Regular carbonated soft drinks	626	
BEV242	Low-calorie carbonated soft drinks	634	
BF_STAT	Breastfeeding status	43	
BMILK	Breast milk consumption flag	65	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
DAYCODE	Day / average code	64	
EGG0	Eggs	466	
FAT0	Total fats and oils	490	
FAT1	Table fats	498	
FAT2	Salad dressings	506	
FRUIT0	Total fruits	226	
FRUIT1	Total citrus fruits and juices	234	
FRUIT11	Citrus juices	242	
FRUIT2	Dried fruit	250	
FRUIT3	Total other fruits	258	
FRUIT31	Apples	266	
FRUIT32	Bananas	274	
FRUIT33	Melons and berries	282	
FRUIT34	Other fruits and mixtures	290	
FRUIT35	Noncitrus juices and nectars	298	
FS_AUTH	Food stamps: authorized	44	
FS_RCV12	Food stamps: in last 12 months	31	H59
GRAIN0	Total grain products	66	
GRAIN1	Total yeast breads and rolls	74	
GRAIN2	Total cereals and pastas	82	
GRAIN21	Ready-to-eat cereals	90	
GRAIN22	Rice	98	
GRAIN23	Pasta	106	
GRAIN3	Quick breads, pancakes, ...	114	
GRAIN4	Cakes, cookies, pastries, pies	122	
GRAIN5	Crackers, popcorn, pretzels, ...	130	
GRAIN6	Mixtures mainly grain	138	
HEAD_HH	Head of household	41	H8, H9

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.5 Record type 35: Food groups -- continued

Name	Description	Starting Position	Question Source
HHID	Household ID	3	
HHSIZE	Household size	16	
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
LEGUME0	Legumes	474	
LINELET	Line letter for HH members	10	
MEAT0	Total meat, poultry, fish	386	
MEAT1	Beef	394	
MEAT2	Pork	402	
MEAT3	Lamb, veal, game	410	
MEAT4	Organ meats	418	
MEAT5	Frankfurters, sausages, ...	426	
MEAT6	Total poultry	434	
MEAT61	Chicken	442	
MEAT7	Fish and shellfish	450	
MEAT8	Mixtures mainly meat, poultry, fish	458	
MILK0	Total milk and milk products (g)	306	
MILK0C	Total milk (cal eq)	314	
MILK1	Total milk, milk drinks, yogurt	322	
MILK11	Total fluid milk	330	
MILK111	Whole milk	338	
MILK112	Lowfat milk	346	
MILK113	Skim milk	354	
MILK2	Yogurt	362	
MILK3	Milk desserts	370	
MILK4	Cheese	378	
NUTSEED0	Nuts and seeds	482	
ORIGIN	Hispanic origin	40	H10
PCTPOV	Annual income: percent of poverty	26	
PL_STAT	Pregnant/lactating status	42	
POVCAT	Annual income: % of poverty category	29	
RACE	Race	39	H9
REGION	Region	14	
REL_REF	Relationship to reference person	37	S8
RT	Record type	1	
SEX	Sex	36	
SPNUM	Sample person number	8	
SUGAR0	Total sugars and sweets	514	
SUGAR1	Sugars	522	
SUGAR2	Candy	530	
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
VEG0	Total vegetables	146	
VEG1	White potatoes	154	
VEG11	Fried potatoes	162	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.5 Record type 35: Food groups -- continued

Name	Description	Starting Position	Question Source
VEG2	Dark green vegetables	170	
VEG3	Deep yellow vegetables	178	
VEG4	Tomatoes	186	
VEG5	Lettuce	194	
VEG6	Green beans	202	
VEG7	Corn, green peas, lima beans	210	
VEG8	Other vegetables	218	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT3_2DAY	Final annual 2-day sampling weight	670	
WT3_DAY1	Final annual day 1 sampling weight	662	
WTA_2DAY	Final annual 2-day sampling weight	654	
WTA_DAY1	Final annual day 1 sampling weight	646	
YEAR	Year of survey	642	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.6 Record type 40: Nutrients

Name	Description	Starting Position	Question Source
AGE	Age in years	32	
AGE_M	Age in months	34	
ALCOHOL	Alcohol - g	470	
BF_STAT	Breastfeeding status	43	
BMILK	Breast milk consumption flag	65	
CAFFEINE	Caffeine - mg	623	
CALCIUM	Calcium - mg	390	
CARBO	Carbohydrate - g	260	
CARO	Carotene - RE	300	
CHOLES	Cholesterol - mg	250	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
COPPER	Copper - mg	440	
DAYCODE	Day / average code	64	
ENERGY	Food energy - kcal	190	
FA10_0	Fatty acid 10:0 - g	511	
FA12_0	Fatty acid 12:0 - g	518	
FA14_0	Fatty acid 14:0 - g	525	
FA16_0	Fatty acid 16:0 - g	532	
FA16_1	Fatty acid 16:1 - g	546	
FA18_0	Fatty acid 18:0 - g	539	
FA18_1	Fatty acid 18:1 - g	553	
FA18_2	Fatty acid 18:2 - g	574	
FA18_3	Fatty acid 18:3 - g	581	
FA18_4	Fatty acid 18:4 - g	588	
FA20_1	Fatty acid 20:1 - g	560	
FA20_4	Fatty acid 20:4 - g	595	
FA20_5	Fatty acid 20:5 - g	602	
FA22_1	Fatty acid 22:1 - g	567	
FA22_5	Fatty acid 22:5 - g	609	
FA22_6	Fatty acid 22:6 - g	616	
FA4_0	Fatty acid 4:0 - g	490	
FA6_0	Fatty acid 6:0 - g	497	
FA8_0	Fatty acid 8:0 -g	504	
FIBER	Dietary fiber	270	
FOLATE	Folate - mcg	370	
FS_AUTH	Food stamps: authorized	44	
FS_RCV12	Food stamps: in last 12 months	31	H59
HEAD_HH	Head of household	41	H8,H9
HHID	Household ID	3	
HHSIZE	Household size	16	
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
IRON	Iron - mg	420	
LINELET	Line letter for HH members	10	
MAGNES	Magnesium - mg	410	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.6 Record type 40: Nutrients -- continued

Name	Description	Starting Position	Question Source
MFAT	Monounsaturated fat - g	230	
NIACIN	Niacin - mg	350	
ORIGIN	Hispanic origin	40	H10
PCTPOV	Annual income: percent of poverty	26	
PFAT	Polyunsaturated fat - g	240	
PHOS	Phosphorus - mg	400	
PL_STAT	Pregnant/lactating status	42	
POTASS	Potassium - mg	460	
POVCAT	Annual income: % of poverty category	29	
PROTEIN	Protein - g	200	
RACE	Race	39	H9
REGION	Region	14	
REL_REF	Relationship to reference person	37	S8
RIBO	Riboflavin - mg	340	
RT	Record type	1	
R_CALC	%RDA: calcium	150	
R_ENERGY	%RDA: food energy	66	
R_FOLATE	%RDA: folate	136	
R_IRON	%RDA: iron	171	
R_MAGNES	%RDA: magnesium	164	
R_NIACIN	%RDA: niacin	122	
R_PHOS	%RDA: phosphorus	157	
R_PROT	%RDA: protein	73	
R_RIBO	%RDA: riboflavin	115	
R_THIAMN	%RDA: thiamin	108	
R_VITAIU	%RDA: vitamin A - IU	80	
R_VITARE	%RDA: vitamin A - RE	87	
R_VITB12	%RDA: vitamin B12	143	
R_VITB6	%RDA: vitamin B6	129	
R_VITC	%RDA: vitamin C	101	
R_VITE	%RDA: vitamin E	94	
R_ZINC	%RDA: zinc	178	
R_SELEN	%RDA: selenium	653	
SELENIUM	Selenium - mcg	643	
SEX	Sex	36	
SFAT	Saturated fat - g	220	
SODIUM	Sodium - mg	450	
SPNUM	Sample person number	8	
TFAT	Total fat - g	210	
THEOBROM	Theobromine - mg	633	
THIAMIN	Thiamin - mg	330	
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
VITA_IU	Vitamin A - IU	280	
VITA_RE	Vitamin A - RE	290	
VITB12	Vitamin B12 - mcg	380	
VITB6	Vitamin B6 - mg	360	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.6 Record type 40: Nutrients -- continued

Name	Description	Starting Position	Question Source
VITC	Vitamin C - mg	320	
VITE	Vitamin E - mg	310	
WATER	Water - g	480	
WT3_DAY1	Final 3-year day 1 sampling weight	680	
WT3_2DAY	Final 3-year 2-day sampling weight	688	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WTA_DAY1	Final annual day 1 sampling weight	664	
WTA_2DAY	Final annual 2-day sampling weight	672	
YEAR	Year of survey	660	
ZINC	Zinc - mg	430	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS

Name	Description	Starting Position	Question Source
AGE	Age in years	32	
BMI_SP	Body mass index	98	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
D1_TV	Day 1: Hours of TV / video (day 1)	71	DA35
D2_TV	Day 2: Hours of TV / video	73	DB16
DOCTOR1	Doctor told: diabetes	104	DA34
DOCTOR2	Doctor told: high blood pressure	105	DA34
DOCTOR3	Doctor told: heart disease	106	DA34
DOCTOR4	Doctor told: cancer	107	DA34
DOCTOR5	Doctor told: osteoporosis	108	DA34
DOCTOR6	Doctor told: high blood cholesterol	109	DA34
DOCTOR7	Doctor told: stroke	110	DA34
DT01	Diet: low cal: yes or no	77	DA19
DT01_SRC	Diet: low cal: source	78	DA21
DT02	Diet: low fat: yes or no	80	DA19
DT02_SRC	Diet: low fat: source	81	DA21
DT03	Diet: low salt: yes or no	83	DA19
DT03_SRC	Diet: low salt: source	84	DA21
DT06	Diet: high fiber: yes or no	86	DA19
DT06_SRC	Diet: high fiber: source	87	DA21
DT07	Diet: diabetic: yes or no	89	DA19
DT07_SRC	Diet: diabetic: source	90	DA21
EMP_STAT	Employment status	66	H10,H11,H12
EXERCISE	Exercise frequency	111	DA36
FS_AUTH	Food stamps: authorized	44	
FS_RCV12	Food stamps: in last 12 months	31	H59
GRADE	Highest grade completed	64	H10
HEAD_HH	Head of household	41	H8,H9
HEALTH	Health status	103	DA31
HGT_SP	Height of SP	93	DA29
HHID	Household ID	3	
HHSIZE	Household size	16	
IMPFLAG	Annual income: imputation flag	30	
INCCODE	Annual income: category	25	H53
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
KQ10	Liquid or solid fat	315	K10
KQ11	No cholesterol ->	316	K11
KQ12	Is cholesterol found in	317	K12
KQ13	Only vegetable oil ->	318	K13
KQ14	"Light" means	319	K14
KQ15_A	Importance: how safe is food	320	K15a
KQ15_B	Importance: nutrition	321	K15b
KQ15_C	Importance: price	322	K15c
KQ15_D	Importance: how well the food keeps	323	K15d
KQ15_E	Importance: how easy to prepare	324	K15e

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ15_F	Importance: taste	325	K15f
KQ16_A	Do you use: list of ingredients	326	K16a
KQ16_B	Do you use: short phrases	327	K16b
KQ16_C	Do you use: nutrition panel	328	K16c
KQ16_D	Do you use: serving size	329	K16d
KQ16_E	Do you use: health benefits	330	K16e
KQ16_NVR	K16: never / never seen	331	K16
KQ17_A	Look for on label: calories	332	K17a
KQ17_B	Look for on label: salt or sodium	333	K17b
KQ17_C	Look for on label: total fat	334	K17c
KQ17_D	Look for on label: saturated fat	335	K17d
KQ17_E	Look for on label: cholesterol	336	K17e
KQ17_F	Look for on label: vitamins/minerals	337	K17f
KQ17_G	Look for on label: fiber	338	K17g
KQ17_H	Look for on label: sugars	339	K17h
KQ18_A	Look for on: dessert items	340	K18a
KQ18_B	Look for on: snack items	341	K18b
KQ18_C	Look for on: frozen dinners	342	K18c
KQ18_D	Look for on: breakfast cereals	343	K18d
KQ18_E	Look for on: cheese	344	K18e
KQ18_F	Look for on: fresh fruits/vegetables	345	K18f
KQ18_G	Look for on: salad dressings	346	K18g
KQ18_H	Look for on: table spreads	347	K18h
KQ18_I	Look for on: raw meat	348	K18i
KQ18_J	Look for on: processed meat	349	K18j
KQ19_A	Understood: list of ingredients	350	K19a
KQ19_B	Understood: short phrase	351	K19b
KQ19_C	Understood: calories in serving	352	K19c
KQ19_D	Understood: calories from fat	353	K19d
KQ19_E	Understood: nutrients	354	K19e
KQ19_F	Understood: daily value	355	K19f
KQ19_G	Understood: descriptions like "lean"	356	K19g
KQ1_A	K1a: # of servings: fruit	132	K1a
KQ1_B	K1b: # of servings: vegetable	134	K1b
KQ1_C	K1c: # of servings: dairy	136	K1c
KQ1_D	K1d: # of servings: grain	138	K1d
KQ1_E	K1e: # of servings: meat, beans, eggs	140	K1e
KQ20_A	How confident: low-fat	357	K20a
KQ20_B	How confident: low-cholesterol	358	K20b
KQ20_C	How confident: good source of fiber	359	K20c
KQ20_D	How confident: light	360	K20d
KQ20_E	How confident: healthy	361	K20e
KQ20_F	How confident: extra lean	362	K20f
KQ21_A	Does govt define: low-cholesterol	363	K21a
KQ21_B	Does govt define: light	364	K21b
KQ21_C	Does govt define: extra lean	365	K21c
KQ22_A	High or low: 100mg sodium	366	K22a
KQ22_B	High or low: 20g fat	367	K22b

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ22_C	High or low: 15mg cholesterol	368	K22c
KQ22_D	High or low: 5g fiber	369	K22d
KQ22_E	High or low: 10g saturated fat	370	K22e
KQ23_A	Labels: nutrient info is useful	371	K23a
KQ23_B	Labels: confident in use	372	K23b
KQ23_C	Labels: nutrient info hard to interpret	373	K23c
KQ23_D	Labels: reading takes too much time	374	K23d
KQ23_E	Labels: read because health is important	375	K23e
KQ23_F	Labels: would like to learn more	376	K23f
KQ23_G	Labels: reading -> easier to choose	377	K23g
KQ23_H	Labels: sometimes try new foods	378	K23h
KQ23_I	Labels: use -> better choices	379	K23i
KQ23_J	Labels: using is better than not using	380	K23j
KQ24_A	Labels: confident in use	381	K24a
KQ24_B	Labels: nutrition info hard to interpret	382	K24b
KQ24_C	Labels: reading takes too much time	383	K24c
KQ24_D	Labels: would like to learn more	384	K24d
KQ24_E	Labels: use -> better food choices	385	K24e
KQ25_A	Does govt define: low-cholesterol	386	K25a
KQ25_B	Does govt define: light	387	K25b
KQ25_C	Does govt define: extra lean	388	K25c
KQ26_A	Eat/use: lower-fat luncheon meats	389	K26a
KQ26_B	Eat/use: skim or 1% milk	390	K26b
KQ26_C	Eat/use: low-fat cheese	391	K26c
KQ26_D	Eat/use: ice milk, frozen yogurt, ...	392	K26d
KQ26_E	Eat/use: low-cal salad dressing	393	K26e
KQ26_F	Eat/use: fruit for dessert	394	K26f
KQ26_G	Eat/use: fish or poultry instead of meat	395	K26g
KQ27	Add fat to boiled/baked potatoes	396	K27
KQ28	Add fat to other cooked vegetables	397	K28
KQ29	Eat vegetables with creamy sauces.	398	K29
KQ2_A	K2a: choosing a healthy diet	142	K2a
KQ2_B	K2b: variety of foods	143	K2b
KQ2_C	K2c: some born fat / some born thin	144	K2c
KQ2_D	K2d: starchy foods -> fat	145	K2d
KQ2_E	K2e: hard to know what to believe	146	K2e
KQ2_F	K2f: what you eat -> chance of disease	147	K2f
KQ2_G	K2g: no reason to change	148	K2g
KQ30	Eat fried chicken	399	K30
KQ31	Eat chicken with skin removed	400	K31
KQ32	Amount of table fat on breads/muffins	401	K32
KQ33_A	Eat: bakery products like cakes, ...	402	K33a
KQ33_B	Eat: chips	403	K33b
KQ34	Eat meat at main meals	404	K34
KQ35	Portion size of meat	405	K35
KQ36	Trim the fat on meat	406	K36
KQ37	How many eggs a week	407	K37
KQ38	Wash fruits and vegetables	408	K38

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ39	Eat the peel of fresh fruit	409	K39
KQ3_A	How does diet compare: calories	149	K3a
KQ3_B	How does diet compare: calcium	150	K3b
KQ3_C	How does diet compare: iron	151	K3c
KQ3_D	How does diet compare: vitamin C	152	K3d
KQ3_E	How does diet compare: protein	153	K3e
KQ3_F	How does diet compare: fat	154	K3f
KQ3_G	How does diet compare: saturated fat	155	K3g
KQ3_H	How does diet compare: cholesterol	156	K3h
KQ3_I	How does diet compare: salt or sodium	157	K3i
KQ3_J	How does diet compare: fiber	158	K3j
KQ3_K	How does diet compare: sugar / sweets	159	K3k
KQ40	Eat the peel of fresh vegetables	410	K40
KQ41	Eat the outer leaves of vegetables	411	K41
KQ42	Most responsible for meals	412	K42
KQ4_A	Importance: salt in moderation	160	K4a
KQ4_B	Importance: low in saturated fat	161	K4b
KQ4_C	Importance: fruits and vegetables	162	K4c
KQ4_D	Importance: sugars in moderation	163	K4d
KQ4_E	Importance: adequate fiber	164	K4e
KQ4_F	Importance: variety of foods	165	K4f
KQ4_G	Importance: healthy weight	166	K4g
KQ4_H	Importance: low in fat	167	K4h
KQ4_I	Importance: low in cholesterol	168	K4i
KQ4_J	Importance: grain products	169	K4j
KQ4_K	Importance: dairy products	170	K4k
KQ5_A	Aware of problems: fat	171	K5a
KQ5_B	Aware of problems: fiber	190	K5b
KQ5_C	Aware of problems: salt	209	K5c
KQ5_D	Aware of problems: calcium	228	K5d
KQ5_E	Aware of problems: cholesterol	247	K5e
KQ5_F	Aware of problems: sugar	266	K5f
KQ5_G	Aware of problems: overweight	285	K5g
KQ6_A_01	Fat: heart / arteries	173	K6
KQ6_A_02	Fat: arthritis	174	K6
KQ6_A_03	Fat: bone problems	175	K6
KQ6_A_04	Fat: breathing problems	176	K6
KQ6_A_05	Fat: cancer	177	K6
KQ6_A_06	Fat: digestive problems	178	K6
KQ6_A_07	Fat: tooth problems	179	K6
KQ6_A_08	Fat: diabetes	180	K6
KQ6_A_09	Fat: edema	181	K6
KQ6_A_10	Fat: fatigue	182	K6
KQ6_A_11	Fat: high blood cholesterol	183	K6
KQ6_A_12	Fat: high blood pressure	184	K6
KQ6_A_13	Fat: hyperactivity	185	K6
KQ6_A_14	Fat: kidney disease	186	K6
KQ6_A_15	Fat: overweight	187	K6

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ6_A_16	Fat: stroke	188	K6
KQ6_A_17	Fat: other	189	K6
KQ6_A_NS	Fat: problems not specified	172	K6
KQ6_B_01	Fiber: heart / arteries	192	K6
KQ6_B_02	Fiber: arthritis	193	K6
KQ6_B_03	Fiber: bone problems	194	K6
KQ6_B_04	Fiber: breathing problems	195	K6
KQ6_B_05	Fiber: cancer	196	K6
KQ6_B_06	Fiber: digestive problems	197	K6
KQ6_B_07	Fiber: tooth problems	198	K6
KQ6_B_08	Fiber: diabetes	199	K6
KQ6_B_09	Fiber: edema	200	K6
KQ6_B_10	Fiber: fatigue	201	K6
KQ6_B_11	Fiber: high blood cholesterol	202	K6
KQ6_B_12	Fiber: high blood pressure	203	K6
KQ6_B_13	Fiber: hyperactivity	204	K6
KQ6_B_14	Fiber: kidney disease	205	K6
KQ6_B_15	Fiber: overweight	206	K6
KQ6_B_16	Fiber: stroke	207	K6
KQ6_B_17	Fiber: other	208	K6
KQ6_B_NS	Fiber: problems not specified	191	K6
KQ6_C_01	Salt: heart / arteries	211	K6
KQ6_C_02	Salt: arthritis	212	K6
KQ6_C_03	Salt: bone problems	213	K6
KQ6_C_04	Salt: breathing problems	214	K6
KQ6_C_05	Salt: cancer	215	K6
KQ6_C_06	Salt: digestive problems	216	K6
KQ6_C_07	Salt: tooth problems	217	K6
KQ6_C_08	Salt: diabetes	218	K6
KQ6_C_09	Salt: edema	219	K6
KQ6_C_10	Salt: fatigue	220	K6
KQ6_C_11	Salt: high blood cholesterol	221	K6
KQ6_C_12	Salt: high blood pressure	222	K6
KQ6_C_13	Salt: hyperactivity	223	K6
KQ6_C_14	Salt: kidney disease	224	K6
KQ6_C_15	Salt: overweight	225	K6
KQ6_C_16	Salt: stroke	226	K6
KQ6_C_17	Salt: other	227	K6
KQ6_C_NS	Salt: problems not specified	210	K6
KQ6_D_01	Calcium: heart / arteries	230	K6
KQ6_D_02	Calcium: arthritis	231	K6
KQ6_D_03	Calcium: bone problems	232	K6
KQ6_D_04	Calcium: breathing problems	233	K6
KQ6_D_05	Calcium: cancer	234	K6
KQ6_D_06	Calcium: digestive problems	235	K6
KQ6_D_07	Calcium: tooth problems	236	K6

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ6_D_08	Calcium: diabetes	237	K6
KQ6_D_09	Calcium: edema	238	K6
KQ6_D_10	Calcium: fatigue	239	K6
KQ6_D_11	Calcium: high blood cholesterol	240	K6
KQ6_D_12	Calcium: high blood pressure	241	K6
KQ6_D_13	Calcium: hyperactivity	242	K6
KQ6_D_14	Calcium: kidney disease	243	K6
KQ6_D_15	Calcium: overweight	244	K6
KQ6_D_16	Calcium: stroke	245	K6
KQ6_D_17	Calcium: other	246	K6
KQ6_D_NS	Calcium: problems not specified	229	K6
KQ6_E_01	Cholesterol: heart / arteries	249	K6
KQ6_E_02	Cholesterol: arthritis	250	K6
KQ6_E_03	Cholesterol: bone problems	251	K6
KQ6_E_04	Cholesterol: breathing problems	252	K6
KQ6_E_05	Cholesterol: cancer	253	K6
KQ6_E_06	Cholesterol: digestive problems	254	K6
KQ6_E_07	Cholesterol: tooth problems	255	K6
KQ6_E_08	Cholesterol: diabetes	256	K6
KQ6_E_09	Cholesterol: edema	257	K6
KQ6_E_10	Cholesterol: fatigue	258	K6
KQ6_E_11	Cholesterol: high blood cholesterol	259	K6
KQ6_E_12	Cholesterol: high blood pressure	260	K6
KQ6_E_13	Cholesterol: hyperactivity	261	K6
KQ6_E_14	Cholesterol: kidney disease	262	K6
KQ6_E_15	Cholesterol: overweight	263	K6
KQ6_E_16	Cholesterol: stroke	264	K6
KQ6_E_17	Cholesterol: other	265	K6
KQ6_E_NS	Cholesterol: problems not specified	248	K6
KQ6_F_01	Sugar: heart / arteries	268	K6
KQ6_F_02	Sugar: arthritis	269	K6
KQ6_F_03	Sugar: bone problems	270	K6
KQ6_F_04	Sugar: breathing problems	271	K6
KQ6_F_05	Sugar: cancer	272	K6
KQ6_F_06	Sugar: digestive problems	273	K6
KQ6_F_07	Sugar: tooth problems	274	K6
KQ6_F_08	Sugar: diabetes	275	K6
KQ6_F_09	Sugar: edema	276	K6
KQ6_F_10	Sugar: fatigue	277	K6
KQ6_F_11	Sugar: high blood cholesterol	278	K6
KQ6_F_12	Sugar: high blood pressure	279	K6
KQ6_F_13	Sugar: hyperactivity	280	K6
KQ6_F_14	Sugar: kidney disease	281	K6
KQ6_F_15	Sugar: overweight	282	K6
KQ6_F_16	Sugar: stroke	283	K6
KQ6_F_17	Sugar: other	284	K6
KQ6_F_NS	Sugar: problems not specified	267	K6
KQ6_G_01	Overweight: heart / arteries	287	K6

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ6_G_02	Overweight: arthritis	288	K6
KQ6_G_03	Overweight: bone problems	289	K6
KQ6_G_04	Overweight: breathing problems	290	K6
KQ6_G_05	Overweight: cancer	291	K6
KQ6_G_06	Overweight: digestive problems	292	K6
KQ6_G_07	Overweight: tooth problems	293	K6
KQ6_G_08	Overweight: diabetes	294	K6
KQ6_G_09	Overweight: edema	295	K6
KQ6_G_10	Overweight: fatigue	296	K6
KQ6_G_11	Overweight: high blood cholesterol	297	K6
KQ6_G_12	Overweight: high blood pressure	298	K6
KQ6_G_13	Overweight: hyperactivity	299	K6
KQ6_G_14	Overweight: kidney disease	300	K6
KQ6_G_15	Overweight: overweight	301	K6
KQ6_G_16	Overweight: stroke	302	K6
KQ6_G_17	Overweight: other	303	K6
KQ6_G_NS	Overweight: problems not specified	286	K6
KQ7	Self-reported weight status	304	K7
KQ8_A	More sat. fat?: liver/t-bone	305	K8a
KQ8_B	More sat. fat?: butter/margarine	306	K8b
KQ8_C	More sat. fat?: egg white yolk	307	K8c
KQ8_D	More sat. fat?: skim/whole milk	308	K8d
KQ9_A	More fat?: hamburger/ground round	309	K9a
KQ9_B	More fat?: pork chops/spare ribs	310	K9b
KQ9_C	More fat?: Hot dogs/ham	311	K9c
KQ9_D	More fat?: peanuts/popcorn	312	K9d
KQ9_E	More fat?: yogurt/sour cream	313	K9e
KQ9_F	More fat?: porterhouse/round	314	K9f
K_LANG	Language type of DHKS quex	131	
K_PHONE	DHKS: mode of interview	130	
LINELET	Line letter for HH members	10	
ORIGIN	Hispanic origin	40	H10
PCTPOV	Annual income: percent of poverty	26	
PLAN_YN	Meal planner: yes or no	67	H21
PL_STAT	Pregnant/lactating status	42	
POVCAT	Annual income: % of poverty category	29	
PREP_YN	Food preparer: yes or no	69	H23
RACE	Race	39	H9
REGION	Region	14	
REL_REF	Relationship to reference person	37	S8
RT	Record type	1	
SALT_FRQ	Salt frequency	76	DA14
SALT_TYP	Salt type	75	DA13
SEX	Sex	36	
SHOP_YN	Food shopper: yes or no	68	H22
SMK_100	Smoke: 100 cigarettes	112	DA37
SMK_NOW	Smoke: now	113	DA38
SPNUM	Sample person number	8	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.1 Ordered Alphabetically by Field Name Within Record Type

8.1.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
URB	Urbanization	15	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
VT_FREQ	Vit sup: frequency	92	DA23
WGT_SP	Weight of SP	95	DA30
WIC_YN	WIC: receiving benefits	70	H32,H33
WT3_DHK	Final 3-year DHKS sampling weight	48	
WT3_DHK2	Final 3-year DHKS (2-day) weight	56	
WTA_2DHK	Final annual DHKS (2-day) weight	425	
WTA_DHK	Final annual DHKS sampling weight	417	
WT_DHK_A	Adjusted base weight	122	
WT_DHK_B	Base weight	114	
YEAR	Year of survey	413	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.1 Record type 15: Households

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
COMP_HH	HH interview completion flag	64	
HH_RESP	HH respondent	65	
HH_LANG	Language type of HH quex	66	
CNT_D1	Count of day 1 SPs in HH	67	
CNT_D2	Count of day 2 SPs in HH	69	
DHK_HH	DHKS from HH	71	
SHP_FREQ	Major food shopping: frequency	72	H1
SHP_STOR	Major food shopping: kind of store	73	H2
SHP_GROC	Amount: grocery store: week/month	75	H3
SHP_GROU	Amount: unit for SHP_GROC	79	H3
SHP_NONF	Amount: nonfood: week/month	80	H4
SHP_NONU	Amount: unit for SHP_NONF	84	H4
SHP_SPEC	Amount: specialty stores: week/month	85	H5
SHP_SPEU	Amount: unit for SHP_SPEC	89	H5
SHP_FAST	Amount: fast food: week/month	90	H6
SHP_FASU	Amount: unit for SHP_FAST	94	H6
SHP_AWAY	Amount: away from home: week/month	95	H7
SHP_AWAU	Amount: unit for SHP_AWAY	99	H7
HEAD_F	Head of HH: female	100	H8
HEAD_M	Head of HH: male	101	H9
TENURE	Tenure	102	H17
H2O_COOK	Source of water: cooking	103	H18
H2O_BEVR	Source of water: beverages	105	H19
H2O_DRNK	Source of water: drinking	107	H20
PLAN_ALL	Meal planner: all HH members	109	H21
PLAN_1	Meal planner: first	110	H21
PLAN_2	Meal planner: second	111	H21
PLAN_3	Meal planner: third	112	H21
SHOP_ALL	Food shopper: all HH members	113	H22
SHOP_1	Food shopper: first	114	H22
SHOP_2	Food shopper: second	115	H22
SHOP_3	Food shopper: third	116	H22
PREP_ALL	Food preparer: all HH members	117	H23
PREP_1	Food preparer: first	118	H23

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.1 Record type 15: Households -- continued

Name	Description	Starting Position	Question Source
PREP_2	Food preparer: second	119	H23
PREP_3	Food preparer: third	120	H23
D_ANYMEM	Diet: any HH members	121	H24
D_CALOR	Diet: weight loss / low calorie	122	H25
D_FAT	Diet: low fat / cholesterol	123	H25
D_SODIUM	Diet: low salt / sodium	124	H25
D_SUGAR	Diet: sugar free / low sugar	125	H25
D_LFIBER	Diet: low fiber	126	H25
D_HFIBER	Diet: high fiber	127	H25
D_DIABET	Diet: diabetic	128	H25
D_BLAND	Diet: bland (ulcer)	129	H25
D_WTGAIN	Diet: weight gain	130	H25
D_ALLERG	Diet: allergy	131	H25
D_OTHER	Diet: other	132	H25
PRG_ANY	Pregnant: anyone in HH pregnant	133	H26
PRG_WHO1	Pregnant: person 1	134	H27
PRG_TIM1	Pregnant: person 1: month	135	H28
PRG_WHO2	Pregnant: person 2	137	H27
PRG_TIM2	Pregnant: person 2: month	138	H28
BF_ANY	Breast fed: anyone in HH	140	H29
BF_WHO1	Breast fed: child 1	141	H30
BF_WOM1	Breast fed: woman 1	142	H31
BF_WHO2	Breast fed: child 2	143	H30
BF_WOM2	Breast fed: woman 2	144	H31
WIC_ANY	WIC: anyone in HH	145	H32
WIC_WHO1	WIC: person 1	146	H33
WIC_TIM1	WIC: how long - person 1	147	H34
WIC_UNT1	WIC: unit for WIC_TIM1	149	H34
WIC_WHO2	WIC: person 2	150	H33
WIC_TIM2	WIC: how long - person 2	151	H34
WIC_UNT2	WIC: unit for WIC_TIM2	153	H34
WIC_WHO3	WIC: person 3	154	H33
WIC_TIM3	WIC: how long - person 3	155	H34
WIC_UNT3	WIC: unit for WIC_TIM3	157	H34
WIC_WHO4	WIC: person 4	158	H33
WIC_TIM4	WIC: how long - person 4	159	H34
WIC_UNT4	WIC: unit for WIC_TIM4	161	H34
WIC_WHO5	WIC: person 5	162	H33
WIC_TIM5	WIC: how long - person 5	163	H34
WIC_UNT5	WIC: unit for WIC_TIM5	165	H34
NUM1_5	Count of children 1 - 5	166	H42
CCAREL1	Line letter of first child 1-5	167	H42
CCARE1	Child care food: child 1	168	H42
CCAREL2	Line letter of second child 1-5	169	H42
CCARE2	Child care food: child 2	170	H42
CCAREL3	Line letter of third child 1-5	171	H42
CCARE3	Child care food: child 3	172	H42
CCAREL4	Line letter of fourth child 1-5	173	H42

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.1 Record type 15: Households -- continued

Name	Description	Starting Position	Question Source
CCARE4	Child care food: child 4	174	H42
CCAREL5	Line letter of fifth child 1-5	175	H42
CCARE5	Child care food: child 5	176	H42
CCAREL6	Line letter of sixth child 1-5	177	H42
CCARE6	Child care food: child 6	178	H42
FOODDESC	Description of food eaten in HH	179	H43
NEFD_M1	Not enough: last month	180	H44
NEFD_M2	Not enough: month before last	181	H44
NEFD_M3	Not enough: 2 months before last	182	H44
NEFD_R1	Not enough: reason: money	183	H45
NEFD_R2	Not enough: reason: appliances	184	H45
NEFD_R3	Not enough: reason: transportation	185	H45
NEFD_R4	Not enough: reason: too busy	186	H45
NEFD_R5	Not enough: reason: other	187	H45
NEFD_DYS	Not enough: days without	188	H46
CASH5000	Savings/assets: over \$5,000	190	H54
CASHCODE	Savings/assets: amount under \$5,000	191	H55
YINC_S1	Ann. inc.: source: business	192	H48
YINC_A1	Ann. inc.: amount: business	193	H49
YINC_S2	Ann. inc.: source: interest	199	H50
YINC_A2	Ann. inc.: amount: interest	200	H51
MINC_S1	Mon. inc.: source: wages	206	H56
MINC_A1	Mon. inc.: amount: wages	207	H57
MINC_S2	Mon. inc.: source: SS/SSI	211	H56
MINC_A2	Mon. inc.: amount: SS/SSI	212	H57
MINC_S3	Mon. inc.: source: pension	216	H56
MINC_A3	Mon. inc.: amount: pension	217	H57
MINC_S4	Mon. inc.: source: unemployment	221	H56
MINC_A4	Mon. inc.: amount: unemployment	222	H57
MINC_S5	Mon. inc.: source: AFDC	226	H56
MINC_A5	Mon. inc.: amount: AFDC	227	H57
MINC_S6	Mon. inc.: source: other	231	H56
MINC_A6	Mon. inc.: amount: other	232	H57
MINC_RDK	Mon. inc.: under 130%	236	H58
FS_NOW	Food stamps: at present	237	H60
FS EVERY	Food stamps: everyone receiving	238	H61
FS_COV01	Food stamps: first person covered	239	H62
FS_COV02	Food stamps: second person covered	240	H62
FS_COV03	Food stamps: third person covered	241	H62
FS_COV04	Food stamps: fourth person covered	242	H62
FS_COV05	Food stamps: fifth person covered	243	H62
FS_COV06	Food stamps: sixth person covered	244	H62
FS_COV07	Food stamps: seventh person covered	245	H62
FS_COV08	Food stamps: eighth person covered	246	H62
FS_COV09	Food stamps: ninth person covered	247	H62
FS_COV10	Food stamps: tenth person covered	248	H62
FS_INC	Food stamps: income of members	249	H63
FS_MNTH	Food stamps: month last received	253	H64

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.1 Record type 15: Households -- continued

Name	Description	Starting Position	Question Source
FS_YEAR	Food stamps: year last received	255	H64
FS_VAL	Food stamps: total amount	259	H65
YEAR	Year of survey	262	
WT3_HH	3-year household sampling weight	266	
WT4_HH	4-year household sampling weight	274	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.2 Record type 20: Household members

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
SPNUM	Sample person number	8	
LINELET	Line letter for HH member	10	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
AGE	Age in years	32	
AGE_M	Age in months	34	
SEX	Sex	36	
REL_REF	Relationship to reference person	37	S8
RACE	Race	39	H9
ORIGIN	Hispanic origin	40	H10
HEAD_HH	Head of household	41	H8,H9
PL_STAT	Pregnant/lactating status	42	
BF_STAT	Breastfeeding status	43	
FS_AUTH	Food stamps: authorized	44	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
GRADE	Highest grade completed	64	H10
EMP_LW	Work: at all last week	66	H11
EMP_ABS	Work: temporarily absent	67	H12
EMP_HRS	Work: hours last week	68	H13
EMP_HRU	Work: hours usual	71	H14
EMP_OCC	Work: occupation	74	H15
EMP_RES	Work: reason for not working	76	H16
EMP_STAT	Employment status	78	H10,H11,H12
PLAN_YN	Meal planner: yes or no	79	H21
PLAN_ONE	Meal planner: only	80	H21
SHOP_YN	Food shopper: yes or no	81	H22
SHOP_ONE	Food shopper: only	82	H22
PREP_YN	Food preparer: yes or no	83	H23
PREP_ONE	Food preparer: only	84	H23
PRG_MON	Number of months pregnant	85	H28
BF_WOMAN	Letter of woman nursing child	87	H31
WIC_YN	WIC: receiving benefits	88	H32,H33

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.2 Record type 20: Household members -- continued

Name	Description	Starting Position	Question Source
WIC_TIME	WIC: how long receiving benefits	89	H34
WIC_UNIT	WIC: unit for WIC_TIME	91	H34
SCHOOL	Attends school	92	H35
LCH_SERV	School lunch: served	93	H36
LCH_NUM	School lunch: # reported	94	H37
LCH_UNIT	School lunch: unit for LCH_NUM	96	H37
LCH_COST	School lunch: cost	97	H38
BRK_SERV	School breakfast: served	98	H39
BRK_NUM	School breakfast: # per week	99	H40
BRK_UNIT	School breakfast: unit for BRK_NUM	101	H40
BRK_COST	School breakfast: cost	102	H41
CCARE_ML	Meals/snacks from child care	103	H42
YEAR	Year of survey	104	
WTA_DAY1	Final annual day 1 sampling weight	108	
WTA_2DAY	Final annual 2-day sampling weight	116	
WT3_DAY1	Final 3-year day 1 sampling weight	124	
WT3_2DAY	Final 3-year 2-day sampling weight	132	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
SPNUM	Sample person number	8	
LINELET	Line letter for HH members	10	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
AGE	Age in years	32	
AGE_M	Age in months	34	
SEX	Sex	36	
REL_REF	Relationship to reference person	37	S8
RACE	Race	39	H9
ORIGIN	Hispanic origin	40	H10
HEAD_HH	Head of household	41	H8,H9
PL_STAT	Pregnant/lactating status	42	
BF_STAT	Breastfeeding status	43	
FS_AUTH	Food stamps: authorized	44	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
GRADE	Highest grade completed	64	H10
EMP_LW	Work: at all last week	66	H11
EMP_ABS	Work: temporarily absent	67	H12
EMP_HRS	Work: hours last week	68	H13
EMP_HRU	Work: hours usual	71	H14
EMP_OCC	Work: occupation	74	H15
EMP_RES	Work: reason for not working	76	H16
EMP_STAT	Employment status	78	H10,H11,H12
PLAN_YN	Meal planner: yes or no	79	H21
PLAN_ONE	Meal planner: only	80	H21
SHOP_YN	Food shopper: yes or no	81	H22
SHOP_ONE	Food shopper: only	82	H22
PREP_YN	Food preparer: yes or no	83	H23
PREP_ONE	Food preparer: only	84	H23
PRG_MON	Number of months pregnant	85	H28
BF_WOMAN	Letter of woman nursing child	87	H31
WIC_YN	WIC: receiving benefits	88	H32,H33

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
WIC_TIME	WIC: how long receiving benefits	89	H34
WIC_UNIT	WIC: unit for WIC_TIME	91	H34
SCHOOL	Attends school	92	H35
LCH_SERV	School lunch: served	93	H36
LCH_NUM	School lunch: # reported	94	H37
LCH_UNIT	School lunch: unit for LCH_NUM	96	H37
LCH_COST	School lunch: cost	97	H38
BRK_SERV	School breakfast: served	98	H39
BRK_NUM	School breakfast: # per week	99	H40
BRK_UNIT	School breakfast: unit for BRK_NUM	101	H40
BRK_COST	School breakfast: cost	102	H41
CCARE_ML	Meals/snacks from child care	103	H42
WT_BASE	Base weight	104	
WT_ADJ	Adjusted base weight	112	
D1_MNTH	Day 1: month of intake	120	
D1_DATE	Day 1: date of intake	122	
D1_YEAR	Day 1: year of intake	124	
D1_DAY	Day 1: day of week of intake	128	
D1_NREC	Day 1: number of food records	129	
D1_AMTUS	Day 1: Amount usual	131	DA10
D1_LESS	Day 1: Reason for less	132	DA11
D1_MORE	Day 1: Reason for more	134	DA12
D1_H2O_O	Day 1: amount of water	136	DA15
D1_H2O_H	Day 1: water from home	139	DA16
D1_H2O_A	Day 1: away from home water	140	DA17
D1_TV	Day 1: Hours of TV / video	141	DA35
D2_MNTH	Day 2: month of intake	143	
D2_DATE	Day 2: date of intake	145	
D2_YEAR	Day 2: year of intake	147	
D2_DAY	Day 2: day of week of intake	151	
D2_NREC	Day 2: number of food records	152	
D2_AMTUS	Day 2: Amount usual	154	DB10
D2_LESS	Day 2: Reason for less	155	DB11
D2_MORE	Day 2: Reason for more	157	DB12
D2_H2O_O	Day 2: amount of water	159	DB13
D2_H2O_H	Day 2: water from home	162	DB14
D2_H2O_A	Day 2: away from home water	163	DB15
D2_TV	Day 2: Hours of TV / video	164	DB16
SALT_TYP	Salt type	166	DA13
SALT_FRQ	Salt frequency	167	DA14
DT_ANY	Diet: on any diet	168	DA18
DT01_YN	Diet: low cal: yes or no	169	DA19
DT01_R01	Diet: low cal: doctor	170	DA20
DT01_R02	Diet: low cal: condition	171	DA20
DT01_R03	Diet: low cal: joined	172	DA20
DT01_R04	Diet: low cal: health	173	DA20
DT01_R05	Diet: low cal: weight loss	174	DA20
DT01_R06	Diet: low cal: existing condition	175	DA20

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
DT01_R07	Diet: low cal: other	176	DA20
DT01_SRC	Diet: low cal: source	177	DA21
DT02_YN	Diet: low fat: yes or no	179	DA19
DT02_R01	Diet: low fat: doctor	180	DA20
DT02_R02	Diet: low fat: condition	181	DA20
DT02_R03	Diet: low fat: joined	182	DA20
DT02_R04	Diet: low fat: health	183	DA20
DT02_R05	Diet: low fat: weight loss	184	DA20
DT02_R06	Diet: low fat: existing condition	185	DA20
DT02_R07	Diet: low fat: other	186	DA20
DT02_SRC	Diet: low fat: source	187	DA21
DT03_YN	Diet: low salt: yes or no	189	DA19
DT03_R01	Diet: low salt: doctor	190	DA20
DT03_R02	Diet: low salt: condition	191	DA20
DT03_R03	Diet: low salt: joined	192	DA20
DT03_R04	Diet: low salt: health	193	DA20
DT03_R05	Diet: low salt: weight loss	194	DA20
DT03_R06	Diet: low salt: existing condition	195	DA20
DT03_R07	Diet: low salt: other	196	DA20
DT03_SRC	Diet: low salt: source	197	DA21
DT04_YN	Diet: low sugar: yes or no	199	DA19
DT04_R01	Diet: low sugar: doctor	200	DA20
DT04_R02	Diet: low sugar: condition	201	DA20
DT04_R03	Diet: low sugar: joined	202	DA20
DT04_R04	Diet: low sugar: health	203	DA20
DT04_R05	Diet: low sugar: weight loss	204	DA20
DT04_R06	Diet: low sugar: existing condition	205	DA20
DT04_R07	Diet: low sugar: other	206	DA20
DT04_SRC	Diet: low sugar: source	207	DA21
DT05_YN	Diet: low fiber: yes or no	209	DA19
DT05_R01	Diet: low fiber: doctor	210	DA20
DT05_R02	Diet: low fiber: condition	211	DA20
DT05_R03	Diet: low fiber: joined	212	DA20
DT05_R04	Diet: low fiber: health	213	DA20
DT05_R05	Diet: low fiber: weight loss	214	DA20
DT05_R06	Diet: low fiber: existing condition	215	DA20
DT05_R07	Diet: low fiber: other	216	DA20
DT05_SRC	Diet: low fiber: source	217	DA21
DT06_YN	Diet: high fiber: yes or no	219	DA19
DT06_R01	Diet: high fiber: doctor	220	DA20
DT06_R02	Diet: high fiber: condition	221	DA20
DT06_R03	Diet: high fiber: joined	222	DA20
DT06_R04	Diet: high fiber: health	223	DA20
DT06_R05	Diet: high fiber: weight loss	224	DA20
DT06_R06	Diet: high fiber: existing condition	225	DA20
DT06_R07	Diet: high fiber: other	226	DA20
DT06_SRC	Diet: high fiber: source	227	DA21
DT07_YN	Diet: diabetic: yes or no	229	DA19

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
DT07_R01	Diet: diabetic: doctor	230	DA20
DT07_R02	Diet: diabetic: condition	231	DA20
DT07_R03	Diet: diabetic: joined	232	DA20
DT07_R04	Diet: diabetic: health	233	DA20
DT07_R05	Diet: diabetic: weight loss	234	DA20
DT07_R06	Diet: diabetic: existing condition	235	DA20
DT07_R07	Diet: diabetic: other	236	DA20
DT07_SRC	Diet: diabetic: source	237	DA21
DT08_YN	Diet: weight gain: yes or no	239	DA19
DT08_R01	Diet: weight gain: doctor	240	DA20
DT08_R02	Diet: weight gain: condition	241	DA20
DT08_R03	Diet: weight gain: joined	242	DA20
DT08_R04	Diet: weight gain: health	243	DA20
DT08_R05	Diet: weight gain: weight loss	244	DA20
DT08_R06	Diet: weight gain: existing condition	245	DA20
DT08_R07	Diet: weight gain: other	246	DA20
DT08_SRC	Diet: weight gain: source	247	DA21
DT09_YN	Diet: hypoglycemic: yes or no	249	DA19
DT09_R01	Diet: hypoglycemic: doctor	250	DA20
DT09_R02	Diet: hypoglycemic: condition	251	DA20
DT09_R03	Diet: hypoglycemic: joined	252	DA20
DT09_R04	Diet: hypoglycemic: health	253	DA20
DT09_R05	Diet: hypoglycemic: weight loss	254	DA20
DT09_R06	Diet: hypoglycemic: existing cond.	255	DA20
DT09_R07	Diet: hypoglycemic: other	256	DA20
DT09_SRC	Diet: hypoglycemic: yes or no	257	DA21
DT10_YN	Diet: ulcer: source	259	DA19
DT10_R01	Diet: ulcer: doctor	260	DA20
DT10_R02	Diet: ulcer: condition	261	DA20
DT10_R03	Diet: ulcer: joined	262	DA20
DT10_R04	Diet: ulcer: health	263	DA20
DT10_R05	Diet: ulcer: weight loss	264	DA20
DT10_R06	Diet: ulcer: existing condition	265	DA20
DT10_R07	Diet: ulcer: other	266	DA20
DT10_SRC	Diet: ulcer: source	267	DA21
DT11_YN	Diet: other: yes or no	269	DA19
DT11_R01	Diet: other: doctor	270	DA20
DT11_R02	Diet: other: condition	271	DA20
DT11_R03	Diet: other: joined	272	DA20
DT11_R04	Diet: other: health	273	DA20
DT11_R05	Diet: other: weight loss	274	DA20
DT11_R06	Diet: other: existing condition	275	DA20
DT11_R07	Diet: other: other	276	DA20
DT11_SRC	Diet: other: source	277	DA21
VEGET	Vegetarian	279	DA22
VT_FREQ	Vit sup: frequency	280	DA23
VT_MULT	Vit sup: multivitamin	281	DA24
VT_MULT2	Vit sup: multi plus	282	DA24

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
VT_CIRON	Vit sup: C and iron	283	DA24
VT_SNGL	Vit sup: any singles	284	DA24
VT_SNG01	Vit sup: vitamin A	285	DA25
VT_SNG02	Vit sup: vitamin B	286	DA25
VT_SNG03	Vit sup: vitamin C	287	DA25
VT_SNG04	Vit sup: vitamin D	288	DA25
VT_SNG05	Vit sup: vitamin E	289	DA25
VT_SNG06	Vit sup: calcium	290	DA25
VT_SNG07	Vit sup: folacin	291	DA25
VT_SNG08	Vit sup: fluoride	292	DA25
VT_SNG09	Vit sup: iron	293	DA25
VT_SNG10	Vit sup: zinc	294	DA25
VT_SNG11	Vit sup: selenium	295	DA25
VT_SNG12	Vit sup: chromium	296	DA25
VT_SNG13	Vit sup: beta carotene	297	DA25
VT_SNG14	Vit sup: biotin	298	DA25
VT_SNG15	Vit sup: boron	299	DA25
VT_SNG16	Vit sup: chloride	300	DA25
VT_SNG17	Vit sup: copper	301	DA25
VT_SNG18	Vit sup: iodine	302	DA25
VT_SNG19	Vit sup: magnesium	303	DA25
VT_SNG20	Vit sup: molybdenum	304	DA25
VT_SNG21	Vit sup: pantothenic acid	305	DA25
VT_SNG22	Vit sup: phosphorus	306	DA25
VT_SNG23	Vit sup: potassium	307	DA25
VT_SNG24	Vit sup: sodium	308	DA25
VT_SNG25	Vit sup: vitamin K	309	DA25
VT_SNG26	Vit sup: other	310	DA25
FISH_OIL	Fish oil supplement	314	DA26
FIBER	Fiber supplement	315	DA27
CHOL_CHK	Blood cholesterol checked	316	DA28
HGT_SP	Height of SP	317	DA29
WGT_SP	Weight of SP	319	DA30
BMI_SP	Body mass index	322	
HEALTH	Health status	327	DA31
ALLERGY	Allergy: yes or no	328	DA32
ALLERG01	Allergy: wheat	329	DA33
ALLERG02	Allergy: cow's milk	330	DA33
ALLERG03	Allergy: eggs	331	DA33
ALLERG04	Allergy: fish	332	DA33
ALLERG05	Allergy: corn	333	DA33
ALLERG06	Allergy: peanuts	334	DA33
ALLERG07	Allergy: other nuts	335	DA33
ALLERG08	Allergy: soy products	336	DA33
ALLERG09	Allergy: chocolate	337	DA33
ALLERG10	Allergy: other dairy	338	DA33
ALLERG11	Allergy: other vegetables	339	DA33
ALLERG12	Allergy: specified fruits	340	DA33

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
ALLERG13	Allergy: pork	341	DA33
ALLERG14	Allergy: wine / alcohol	342	DA33
ALLERG15	Allergy: food additives	343	DA33
ALLERG16	Allergy: other meats	344	DA33
ALLERG17	Allergy: specified spices	345	DA33
ALLERG18	Allergy: other	346	DA33
DOCTOR1	Doctor told: diabetes	347	DA34
DOCTOR2	Doctor told: high blood pressure	348	DA34
DOCTOR3	Doctor told: heart disease	349	DA34
DOCTOR4	Doctor told: cancer	350	DA34
DOCTOR5	Doctor told: osteoporosis	351	DA34
DOCTOR6	Doctor told: high blood cholesterol	352	DA34
DOCTOR7	Doctor told: stroke	353	DA34
EXERCISE	Exercise frequency	354	DA36
SMK_100	Smoke: 100 cigarettes	355	DA37
SMK_NOW	Smoke: now	356	DA38
SMK_DAY	Smoke: # per day	357	DA39
ALC_ANY	Alcohol: any in year	362	DA40
ALC_BEER	Alcohol: beer	363	DA41
ALC_WINE	Alcohol: wine	364	DA41
ALC_LIQR	Alcohol: liquor	365	DA41
ALC_OTHR	Alcohol: other	366	DA41
EATEN_01	Eaten: artichokes	367	DB_17
EATEN_02	Eaten: asparagus	368	DB_17
EATEN_03	Eaten: broccoli	369	DB_17
EATEN_04	Eaten: brussels sprouts	370	DB_17
EATEN_05	Eaten: cauliflower	371	DB_17
EATEN_06	Eaten: eggplant	372	DB_17
EATEN_07	Eaten: kale	373	DB_17
EATEN_08	Eaten: swiss chard	374	DB_17
EATEN_09	Eaten: okra	375	DB_17
EATEN_10	Eaten: spinach	376	DB_17
EATEN_11	Eaten: summer squash	377	DB_17
EATEN_12	Eaten: winter squash	378	DB_17
EATEN_13	Eaten: yams	379	DB_17
EATEN_14	Eaten: turnips	380	DB_17
EATEN_15	Eaten: avocado	381	DB_17
EATEN_16	Eaten: grapefruit	382	DB_17
EATEN_17	Eaten: cantaloupe	383	DB_17
EATEN_18	Eaten: honeydew	384	DB_17
EATEN_19	Eaten: watermelon	385	DB_17
EATEN_20	Eaten: nectarines	386	DB_17
EATEN_21	Eaten: pears	387	DB_17
EATEN_22	Eaten: plums	388	DB_17
EATEN_23	Eaten: rhubarb	389	DB_17
EATEN_24	Eaten: chicken liver	390	DB_17
EATEN_25	Eaten: beef, veal or pork liver	391	DB_17
EATEN_26	Eaten: lamb	392	DB_17

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
EATEN_27	Eaten: shellfish	393	DB_17
EATEN_28	Eaten: fish	394	DB_17
EATEN_29	Eaten: caught fish	395	DB_17
D1_LANG	Day 1: language	396	
D1_PROXY	Day 1: proxy	397	
D1_MAINR	Day 1: main respondent	398	DA_A
D1_SEC01	Day 1: Sec. resp.: no one	400	DA_B
D1_SEC02	Day 1: Sec. resp.: SP	401	DA_B
D1_SEC03	Day 1: Sec. resp.: mother	402	DA_B
D1_SEC04	Day 1: Sec. resp.: father	403	DA_B
D1_SEC05	Day 1: Sec. resp.: wife	404	DA_B
D1_SEC06	Day 1: Sec. resp.: husband	405	DA_B
D1_SEC07	Day 1: Sec. resp.: daughter	406	DA_B
D1_SEC08	Day 1: Sec. resp.: son	407	DA_B
D1_SEC09	Day 1: Sec. resp.: sister	408	DA_B
D1_SEC10	Day 1: Sec. resp.: brother	409	DA_B
D1_SEC11	Day 1: Sec. resp.: grandparent	410	DA_B
D1_SEC12	Day 1: Sec. resp.: aunt	411	DA_B
D1_SEC13	Day 1: Sec. resp.: uncle	412	DA_B
D1_SEC14	Day 1: Sec. resp.: friend	413	DA_B
D1_SEC15	Day 1: Sec. resp.: translator	414	DA_B
D1_SEC16	Day 1: Sec. resp.: provider	415	DA_B
D1_SEC17	Day 1: Sec. resp.: other relative	416	DA_B
D1_SEC18	Day 1: Sec. resp.: other	417	DA_B
D1_DIFF	Day 1: difficulty with interview?	418	DA_C
D1_HEAR	Day 1: could answers be overheard?	419	DA_E
D1_DATAR	Day 1: data retrieval necessary?	420	DA_F
D2_LANG	Day 2: language	421	
D2_PROXY	Day 2: proxy	422	
D2_PHONE	Day 2: phone	423	
D2_MAINR	Day 2: main respondent	424	DB_A
D2_SEC01	Day 2: Sec. resp.: no one	426	DB_B
D2_SEC02	Day 2: Sec. resp.: SP	427	DB_B
D2_SEC03	Day 2: Sec. resp.: mother	428	DB_B
D2_SEC04	Day 2: Sec. resp.: father	429	DB_B
D2_SEC05	Day 2: Sec. resp.: wife	430	DB_B
D2_SEC06	Day 2: Sec. resp.: husband	431	DB_B
D2_SEC07	Day 2: Sec. resp.: daughter	432	DB_B
D2_SEC08	Day 2: Sec. resp.: son	433	DB_B
D2_SEC09	Day 2: Sec. resp.: sister	434	DB_B
D2_SEC10	Day 2: Sec. resp.: brother	435	DB_B
D2_SEC11	Day 2: Sec. resp.: grandparent	436	DB_B
D2_SEC12	Day 2: Sec. resp.: aunt	437	DB_B
D2_SEC13	Day 2: Sec. resp.: uncle	438	DB_B
D2_SEC14	Day 2: Sec. resp.: friend	439	DB_B
D2_SEC15	Day 2: Sec. resp.: translator	440	DB_B
D2_SEC16	Day 2: Sec. resp.: provider	441	DB_B
D2_SEC17	Day 2: Sec. resp.: other relative	442	DB_B

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.3 Record type 25: Sample persons -- continued

Name	Description	Starting Position	Question Source
D2_SEC18	Day 2: Sec. resp.: other	443	DB_B
D2_DIFF	Day 2: difficulty with interview?	444	DB_C
D2_DATAR	Day 2: data retrieval necessary?	445	DB_F
YEAR	Year of survey	446	
WTA_DAY1	Final annual day 1 sampling weight	450	
WTA_2DAY	Final annual 2-day sampling weight	458	
WT3_DAY1	Final 3-year day 1 sampling weight	466	
WT3_2DAY	Final 3-year 2-day sampling weight	474	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.4 Record type 30: Food items (nutrients)

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
SPNUM	SP number	8	
LINELET	Line letter	10	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
AGE	Age in years	32	
AGE_M	Age in months	34	
SEX	Sex	36	
REL_REF	Relationship to reference person	37	S8
RACE	Race	39	H9
ORIGIN	Hispanic origin	40	H10
HEAD_HH	Head of household	41	H8,H9
PL_STAT	Pregnant/lactating status	42	
BF_STAT	Breastfeeding status	43	
FS_AUTH	Food stamps: authorized	44	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
DAYCODE	Day of intake	64	
SEQNUM	Line item number	65	
FOODCODE	Food code	67	
MODCODE	Modification code	75	
FOODAMT	Amount of food in grams	81	
OCC_TIME	Occasion: time	89	I2
OCC_HR	Occasion: hour	93	I2
OCC_MIN	Occasion: minute	95	I2
OCC_AMPM	Occasion: am / pm	97	I2
OCC_NAME	Occasion: name	98	I3
FOODSRCE	Source of food item	100	I7
EATHOME	Was food eaten at home	102	I8
EVERHOME	Was food ever at home	103	I9
COMBNUM	Combination number	104	
COMBTYPE	Combination type	106	
SALTUSED	Salt used in preparation	108	I4
HOWMANY	Original amount	109	I4/5

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.4 Record type 30: Food items (nutrients) -- continued

Name	Description	Starting Position	Question Source
MEASURE	Original unit of measure	117	I4/5
MEASRNUM	Mesure description number	119	I4/5
SUBCODE	Subcode	124	
ENERGY	Food energy - kcal	131	
PROTEIN	Protein - g	141	
TFAT	Total fat - g	151	
SFAT	Saturated fat - g	161	
MFAT	Monounsaturated fat - g	171	
PFAT	Polyunsaturated fat - g	181	
CHOLE	Cholesterol - mg	191	
CARBO	Carbohydrate - g	201	
FIBER	Dietary fiber	211	
VITA_IU	Vitamin A - IU	221	
VITA_RE	Vitamin A - RE	231	
CARO	Carotene - RE	241	
VITE	Vitamin E - mg	251	
VITC	Vitamin C - mg	261	
THIAMIN	Thiamin - mg	271	
RIBO	Riboflavin - mg	281	
NIACIN	Niacin - mg	291	
VITB6	Vitamin B6 - mg	301	
FOLATE	Folate - mcg	311	
VITB12	Vitamin B12 - mcg	321	
CALCIUM	Calcium - mg	331	
PHOS	Phosphorus - mg	341	
MAGNES	Magnesium - mg	351	
IRON	Iron - mg	361	
ZINC	Zinc - mg	371	
COPPER	Copper - mg	381	
SODIUM	Sodium - mg	391	
POTASS	Potassium - mg	401	
ALCOHOL	Alcohol - g	411	
WATER	Water - g	421	
CALEQ	Dairy foods in calcium equiv. (mg)	431	
FA4_0	Fatty acid 4:0 - g	439	
FA6_0	Fatty acid 6:0 - g	446	
FA8_0	Fatty acid 8:0 - g	453	
FA10_0	Fatty acid 10:0 - g	460	
FA12_0	Fatty acid 12:0 - g	467	
FA14_0	Fatty acid 14:0 - g	474	
FA16_0	Fatty acid 16:0 - g	481	
FA18_0	Fatty acid 18:0 - g	488	
FA16_1	Fatty acid 16:1 - g	495	
FA18_1	Fatty acid 18:1 - g	502	
FA20_1	Fatty acid 20:1 - g	509	
FA22_1	Fatty acid 22:1 - g	516	
FA18_2	Fatty acid 18:2 - g	523	
FA18_3	Fatty acid 18:3 - g	530	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.4 Record type 30: Food items (nutrients) -- continued

Name	Description	Starting Position	Question Source
FA18_4	Fatty acid 18:4 - g	537	
FA20_4	Fatty acid 20:4 - g	544	
FA20_5	Fatty acid 20:5 - g	551	
FA22_5	Fatty acid 22:5 - g	558	
FA22_6	Fatty acid 22:6 - g	565	
CAFFEINE	Caffeine - mg	572	
THEOBROM	Theobromine - mg	582	
SELENIUM	Selenium - mcg	592	
YEAR	Year of survey	602	
WTA_DAY1	Final annual day 1 sampling weight	606	
WTA_2DAY	Final annual 2-day sampling weight	614	
WT3_DAY1	Final 3-year day 1 sampling weight	622	
WT3_2DAY	Final 3-year 2-day sampling weight	630	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.5 Record type 35: Food groups

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
SPNUM	Sample person number	8	
LINELET	Line letter for HH members	10	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
AGE	Age in years	32	
AGE_M	Age in months	34	
SEX	Sex	36	
REL_REF	Relationship to reference person	37	S8
RACE	Race	39	H9
ORIGIN	Hispanic origin	40	H10
HEAD_HH	Head of household	41	H8,H9
PL_STAT	Pregnant/lactating status	42	
BF_STAT	Breastfeeding status	43	
FS_AUTH	Food stamps: authorized	44	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
DAYCODE	Day / average code	64	
BMILK	Breast milk consumption flag	65	
GRAIN0	Total grain products	66	
GRAIN1	Total yeast breads and rolls	74	
GRAIN2	Total cereals and pastas	82	
GRAIN21	Ready-to-eat cereals	90	
GRAIN22	Rice	98	
GRAIN23	Pasta	106	
GRAIN3	Quick breads, pancakes, ...	114	
GRAIN4	Cakes, cookies, pastries, pies	122	
GRAIN5	Crackers, popcorn, pretzels, ...	130	
GRAIN6	Mixtures mainly grain	138	
VEG0	Total vegetables	146	
VEG1	White potatoes	154	
VEG11	Fried potatoes	162	
VEG2	Dark green vegetables	170	
VEG3	Deep yellow vegetables	178	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.5 Record type 35: Food groups -- continued

Name	Description	Starting Position	Question Source
VEG4	Tomatoes	186	
VEG5	Lettuce	194	
VEG6	Green beans	202	
VEG7	Corn, green peas, lima beans	210	
VEG8	Other vegetables	218	
FRUIT0	Total fruits	226	
FRUIT1	Total citrus fruits and juices	234	
FRUIT11	Citrus juices	242	
FRUIT2	Dried fruit	250	
FRUIT3	Total other fruits	258	
FRUIT31	Apples	266	
FRUIT32	Bananas	274	
FRUIT33	Melons and berries	282	
FRUIT34	Other fruits and mixtures	290	
FRUIT35	Noncitrus juices and nectars	298	
MILK0	Total milk and milk products (g)	306	
MILK0C	Total milk (cal eq)	314	
MILK1	Total milk, milk drinks, yogurt	322	
MILK11	Total fluid milk	330	
MILK111	Whole milk	338	
MILK112	Lowfat milk	346	
MILK113	Skim milk	354	
MILK2	Yogurt	362	
MILK3	Milk desserts	370	
MILK4	Cheese	378	
MEAT0	Total meat, poultry, fish	386	
MEAT1	Beef	394	
MEAT2	Pork	402	
MEAT3	Lamb, veal, game	410	
MEAT4	Organ meats	418	
MEAT5	Frankfurters, sausages, ...	426	
MEAT6	Total poultry	434	
MEAT61	Chicken	442	
MEAT7	Fish and shellfish	450	
MEAT8	Mixtures mainly meat, poultry, fish	458	
EGG0	Eggs	466	
LEGUME0	Legumes	474	
NUTSEED0	Nuts and seeds	482	
FAT0	Total fats and oils	490	
FAT1	Table fats	498	
FAT2	Salad dressings	506	
SUGAR0	Total sugars and sweets	514	
SUGAR1	Sugars	522	
SUGAR2	Candy	530	
BEV0	Total beverages	538	
BEV1	Total alcoholic beverages	546	
BEV11	Wine	554	
BEV12	Beer and ale	562	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.5 Record type 35: Food groups -- continued

Name	Description	Starting Position	Question Source
BEV2	Total nonalcoholic beverages	570	
BEV21	Coffee	578	
BEV22	Tea	586	
BEV23	Total fruit drinks and ades	594	
BEV231	Regular fruit drinks and ades	602	
BEV232	Low-calorie fruit drinks and ades	610	
BEV24	Total carbonated soft drinks	618	
BEV241	Regular carbonated soft drinks	626	
BEV242	Low-calorie carbonated soft drinks	634	
YEAR	Year of survey	642	
WTA_DAY1	Final annual day 1 sampling weight	646	
WTA_2DAY	Final annual 2-day sampling weight	654	
WT3_DAY1	Final 3-year day 1 sampling weight	662	
WT3_2DAY	Final 3-year 2-day sampling weight	670	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.6 Record type 40: Nutrients

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
SPNUM	Sample person number	8	
LINELET	Line letter for HH members	10	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
AGE	Age in years	32	
AGE_M	Age in months	34	
SEX	Sex	36	
REL_REF	Relationship to reference person	37	S8
RACE	Race	39	H9
ORIGIN	Hispanic origin	40	H10
HEAD_HH	Head of household	41	H8,H9
PL_STAT	Pregnant/lactating status	42	
BF_STAT	Breastfeeding status	43	
FS_AUTH	Food stamps: authorized	44	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
WT4_DAY1	Final 4-year day 1 sampling weight	48	
WT4_2DAY	Final 4-year 2-day sampling weight	56	
DAYCODE	Day / average code	64	
BMILK	Breast milk consumption flag	65	
R_ENERGY	%RDA: food energy	66	
R_PROT	%RDA: protein	73	
R_VITAIU	%RDA: vitamin A - IU	80	
R_VITARE	%RDA: vitamin A - RE	87	
R_VITE	%RDA: vitamin E	94	
R_VITC	%RDA: vitamin C	101	
R_THIAMN	%RDA: thiamin	108	
R_RIBO	%RDA: riboflavin	115	
R_NIACIN	%RDA: niacin	122	
R_VITB6	%RDA: vitamin B6	129	
R_FOLATE	%RDA: folate	136	
R_VITB12	%RDA: vitamin B12	143	
R_CALC	%RDA: calcium	150	
R_PHOS	%RDA: phosphorus	157	
R_MAGNES	%RDA: magnesium	164	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.6 Record type 40: Nutrients -- continued

Name	Description	Starting Position	Question Source
R_IRON	%RDA: iron	171	
R_ZINC	%RDA: zinc	178	
ENERGY	Food energy - kcal	190	
PROTEIN	Protein - g	200	
TFAT	Total fat - g	210	
SFAT	Saturated fat - g	220	
MFAT	Monounsaturated fat - g	230	
PFAT	Polyunsaturated fat - g	240	
CHOLES	Cholesterol - mg	250	
CARBO	Carbohydrate - g	260	
FIBER	Dietary fiber	270	
VITA_IU	Vitamin A - IU	280	
VITA_RE	Vitamin A - RE	290	
CARO	Carotene - RE	300	
VITE	Vitamin E - mg	310	
VITC	Vitamin C - mg	320	
THIAMIN	Thiamin - mg	330	
RIBO	Riboflavin - mg	340	
NIACIN	Niacin - mg	350	
VITB6	Vitamin B6 - mg	360	
FOLATE	Folate - mcg	370	
VITB12	Vitamin B12 - mcg	380	
CALCIUM	Calcium - mg	390	
PHOS	Phosphorus - mg	400	
MAGNES	Magnesium - mg	410	
IRON	Iron - mg	420	
ZINC	Zinc - mg	430	
COPPER	Copper - mg	440	
SODIUM	Sodium - mg	450	
POTASS	Potassium - mg	460	
ALCOHOL	Alcohol - g	470	
WATER	Water - g	480	
FA4_0	Fatty acid 4:0 - g	490	
FA6_0	Fatty acid 6:0 - g	497	
FA8_0	Fatty acid 8:0 - g	504	
FA10_0	Fatty acid 10:0 - g	511	
FA12_0	Fatty acid 12:0 - g	518	
FA14_0	Fatty acid 14:0 - g	525	
FA16_0	Fatty acid 16:0 - g	532	
FA18_0	Fatty acid 18:0 - g	539	
FA16_1	Fatty acid 16:1 - g	546	
FA18_1	Fatty acid 18:1 - g	553	
FA20_1	Fatty acid 20:1 - g	560	
FA22_1	Fatty acid 22:1 - g	567	
FA18_2	Fatty acid 18:2 - g	574	
FA18_3	Fatty acid 18:3 - g	581	
FA18_4	Fatty acid 18:4 - g	588	
FA20_4	Fatty acid 20:4 - g	595	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.6 Record type 40: Nutrients -- continued

Name	Description	Starting Position	Question Source
FA20_5	Fatty acid 20:5 - g	602	
FA22_5	Fatty acid 22:5 - g	609	
FA22_6	Fatty acid 22:6 - g	616	
CAFFEINE	Caffeine - mg	623	
THEOBROM	Theobromine - mg	633	
SELENIUM	Selenium - mcg	643	
R_SELEN	%RDA: selenium	653	
YEAR	Year of survey	660	
WTA_DAY1	Final annual day 1 sampling weight	664	
WTA_2DAY	Final annual 2-day sampling weight	672	
WT3_DAY1	Final 3-year day 1 sampling weight	680	
WT3_2DAY	Final 3-year 2-day sampling weight	688	

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS

Name	Description	Starting Position	Question Source
RT	Record type	1	
HHID	Household ID	3	
SPNUM	Sample person number	8	
LINELET	Line letter for HH members	10	
VARSTRAT	Variance-estimation stratum	11	
VARUNIT	Variance-estimation unit	13	
REGION	Region	14	
URB	Urbanization	15	
HHSIZE	Household size	16	
INCOME	Annual income: total	18	H52
INCREP	Annual income: actual report	24	H52
INCCODE	Annual income: category	25	H53
PCTPOV	Annual income: percent of poverty	26	
POVCAT	Annual income: % of poverty category	29	
IMPFLAG	Annual income: imputation flag	30	
FS_RCV12	Food stamps: in last 12 months	31	H59
AGE	Age in years	32	
SEX	Sex	36	
REL_REF	Relationship to reference person	37	S8
RACE	Race	39	H9
ORIGIN	Hispanic origin	40	H10
HEAD_HH	Head of household	41	H8,H9
PL_STAT	Pregnant/lactating status	42	
FS_AUTH	Food stamps: authorized	44	
COMP_D1	Day 1 flag	45	
COMP_D2	Day 2 flag	46	
COMP_DHK	DHKS flag	47	
WT3_DHK	Final 3-year DHKS sampling weight	48	
WT3_DHK2	Final 3-year DHKS (2-day) weight	56	
GRADE	Highest grade completed	64	H10
EMP_STAT	Employment status	66	H10,H11,H12
PLAN_YN	Meal planner: yes or no	67	H21
SHOP_YN	Food shopper: yes or no	68	H22
PREP_YN	Food preparer: yes or no	69	H23
WIC_YN	WIC: receiving benefits	70	H32,H33
D1_TV	Day 1: Hours of TV / video (day 1)	71	DA35
D2_TV	Day 2: Hours of TV / video	73	DB16
SALT_TYP	Salt type	75	DA13
SALT_FRQ	Salt frequency	76	DA14
DT01	Diet: low cal: yes or no	77	DA19
DT01_SRC	Diet: low cal: source	78	DA21
DT02	Diet: low fat: yes or no	80	DA19
DT02_SRC	Diet: low fat: source	81	DA21
DT03	Diet: low salt: yes or no	83	DA19
DT03_SRC	Diet: low salt: source	84	DA21
DT06	Diet: high fiber: yes or no	86	DA19
DT06_SRC	Diet: high fiber: source	87	DA21
DT07	Diet: diabetic: yes or no	89	DA19

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
DT07_SRC	Diet: diabetic: source	90	DA21
VT_FREQ	Vit sup: frequency	92	DA23
HGT_SP	Height of SP	93	DA29
WGT_SP	Weight of SP	95	DA30
BMI_SP	Body mass index	98	
HEALTH	Health status	103	DA31
DOCTOR1	Doctor told: diabetes	104	DA34
DOCTOR2	Doctor told: high blood pressure	105	DA34
DOCTOR3	Doctor told: heart disease	106	DA34
DOCTOR4	Doctor told: cancer	107	DA34
DOCTOR5	Doctor told: osteoporosis	108	DA34
DOCTOR6	Doctor told: high blood cholesterol	109	DA34
DOCTOR7	Doctor told: stroke	110	DA34
EXERCISE	Exercise frequency	111	DA36
SMK_100	Smoke: 100 cigarettes	112	DA37
SMK_NOW	Smoke: now	113	DA38
WT_DHK_B	Base weight	114	
WT_DHK_A	Adjusted base weight	122	
K_PHONE	DHKS: mode of interview	130	
K_LANG	Language type of DHKS quex	131	
KQ1_A	K1a: # of servings: fruit	132	K1a
KQ1_B	K1b: # of servings: vegetable	134	K1b
KQ1_C	K1c: # of servings: dairy	136	K1c
KQ1_D	K1d: # of servings: grain	138	K1d
KQ1_E	K1e: # of servings: meat, beans, eggs	140	K1e
KQ2_A	K2a: choosing a healthy diet	142	K2a
KQ2_B	K2b: variety of foods	143	K2b
KQ2_C	K2c: some born fat / some born thin	144	K2c
KQ2_D	K2d: starchy foods -> fat	145	K2d
KQ2_E	K2e: hard to know what to believe	146	K2e
KQ2_F	K2f: what you eat -> chance of disease	147	K2f
KQ2_G	K2g: no reason to change	148	K2g
KQ3_A	How does diet compare: calories	149	K3a
KQ3_B	How does diet compare: calcium	150	K3b
KQ3_C	How does diet compare: iron	151	K3c
KQ3_D	How does diet compare: vitamin C	152	K3d
KQ3_E	How does diet compare: protein	153	K3e
KQ3_F	How does diet compare: fat	154	K3f
KQ3_G	How does diet compare: saturated fat	155	K3g
KQ3_H	How does diet compare: cholesterol	156	K3h
KQ3_I	How does diet compare: salt or sodium	157	K3i
KQ3_J	How does diet compare: fiber	158	K3j
KQ3_K	How does diet compare: sugar / sweets	159	K3k
KQ4_A	Importance: salt in moderation	160	K4a
KQ4_B	Importance: low in saturated fat	161	K4b
KQ4_C	Importance: fruits and vegetables	162	K4c
KQ4_D	Importance: sugars in moderation	163	K4d
KQ4_E	Importance: adequate fiber	164	K4e

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ4_F	Importance: variety of foods	165	K4f
KQ4_G	Importance: healthy weight	166	K4g
KQ4_H	Importance: low in fat	167	K4h
KQ4_I	Importance: low in cholesterol	168	K4i
KQ4_J	Importance: grain products	169	K4j
KQ4_K	Importance: dairy products	170	K4k
KQ5_A	Aware of problems: fat	171	K5a
KQ6_A_NS	Fat: problems not specified	172	K6
KQ6_A_01	Fat: heart / arteries	173	K6
KQ6_A_02	Fat: arthritis	174	K6
KQ6_A_03	Fat: bone problems	175	K6
KQ6_A_04	Fat: breathing problems	176	K6
KQ6_A_05	Fat: cancer	177	K6
KQ6_A_06	Fat: digestive problems	178	K6
KQ6_A_07	Fat: tooth problems	179	K6
KQ6_A_08	Fat: diabetes	180	K6
KQ6_A_09	Fat: edema	181	K6
KQ6_A_10	Fat: fatigue	182	K6
KQ6_A_11	Fat: high blood cholesterol	183	K6
KQ6_A_12	Fat: high blood pressure	184	K6
KQ6_A_13	Fat: hyperactivity	185	K6
KQ6_A_14	Fat: kidney disease	186	K6
KQ6_A_15	Fat: overweight	187	K6
KQ6_A_16	Fat: stroke	188	K6
KQ6_A_17	Fat: other	189	K6
KQ5_B	Aware of problems: fiber	190	K5b
KQ6_B_NS	Fiber: problems not specified	191	K6
KQ6_B_01	Fiber: heart / arteries	192	K6
KQ6_B_02	Fiber: arthritis	193	K6
KQ6_B_03	Fiber: bone problems	194	K6
KQ6_B_04	Fiber: breathing problems	195	K6
KQ6_B_05	Fiber: cancer	196	K6
KQ6_B_06	Fiber: digestive problems	197	K6
KQ6_B_07	Fiber: tooth problems	198	K6
KQ6_B_08	Fiber: diabetes	199	K6
KQ6_B_09	Fiber: edema	200	K6
KQ6_B_10	Fiber: fatigue	201	K6
KQ6_B_11	Fiber: high blood cholesterol	202	K6
KQ6_B_12	Fiber: high blood pressure	203	K6
KQ6_B_13	Fiber: hyperactivity	204	K6
KQ6_B_14	Fiber: kidney disease	205	K6
KQ6_B_15	Fiber: overweight	206	K6
KQ6_B_16	Fiber: stroke	207	K6
KQ6_B_17	Fiber: other	208	K6
KQ5_C	Aware of problems: salt	209	K5c
KQ6_C_NS	Salt: problems not specified	210	K6
KQ6_C_01	Salt: heart / arteries	211	K6
KQ6_C_02	Salt: arthritis	212	K6

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ6_C_03	Salt: bone problems	213	K6
KQ6_C_04	Salt: breathing problems	214	K6
KQ6_C_05	Salt: cancer	215	K6
KQ6_C_06	Salt: digestive problems	216	K6
KQ6_C_07	Salt: tooth problems	217	K6
KQ6_C_08	Salt: diabetes	218	K6
KQ6_C_09	Salt: edema	219	K6
KQ6_C_10	Salt: fatigue	220	K6
KQ6_C_11	Salt: high blood cholesterol	221	K6
KQ6_C_12	Salt: high blood pressure	222	K6
KQ6_C_13	Salt: hyperactivity	223	K6
KQ6_C_14	Salt: kidney disease	224	K6
KQ6_C_15	Salt: overweight	225	K6
KQ6_C_16	Salt: stroke	226	K6
KQ6_C_17	Salt: other	227	K6
KQ5_D	Aware of problems: calcium	228	K5d
KQ6_D_NS	Calcium: problems not specified	229	K6
KQ6_D_01	Calcium: heart / arteries	230	K6
KQ6_D_02	Calcium: arthritis	231	K6
KQ6_D_03	Calcium: bone problems	232	K6
KQ6_D_04	Calcium: breathing problems	233	K6
KQ6_D_05	Calcium: cancer	234	K6
KQ6_D_06	Calcium: digestive problems	235	K6
KQ6_D_07	Calcium: tooth problems	236	K6
KQ6_D_08	Calcium: diabetes	237	K6
KQ6_D_09	Calcium: edema	238	K6
KQ6_D_10	Calcium: fatigue	239	K6
KQ6_D_11	Calcium: high blood cholesterol	240	K6
KQ6_D_12	Calcium: high blood pressure	241	K6
KQ6_D_13	Calcium: hyperactivity	242	K6
KQ6_D_14	Calcium: kidney disease	243	K6
KQ6_D_15	Calcium: overweight	244	K6
KQ6_D_16	Calcium: stroke	245	K6
KQ6_D_17	Calcium: other	246	K6
KQ5_E	Aware of problems: cholesterol	247	K5e
KQ6_E_NS	Cholesterol: problems not specified	248	K6
KQ6_E_01	Cholesterol: heart / arteries	249	K6
KQ6_E_02	Cholesterol: arthritis	250	K6
KQ6_E_03	Cholesterol: bone problems	251	K6
KQ6_E_04	Cholesterol: breathing problems	252	K6
KQ6_E_05	Cholesterol: cancer	253	K6
KQ6_E_06	Cholesterol: digestive problems	254	K6
KQ6_E_07	Cholesterol: tooth problems	255	K6
KQ6_E_08	Cholesterol: diabetes	256	K6
KQ6_E_09	Cholesterol: edema	257	K6
KQ6_E_10	Cholesterol: fatigue	258	K6
KQ6_E_11	Cholesterol: high blood cholesterol	259	K6
KQ6_E_12	Cholesterol: high blood pressure	260	K6

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ6_E_13	Cholesterol: hyperactivity	261	K6
KQ6_E_14	Cholesterol: kidney disease	262	K6
KQ6_E_15	Cholesterol: overweight	263	K6
KQ6_E_16	Cholesterol: stroke	264	K6
KQ6_E_17	Cholesterol: other	265	K6
KQ5_F	Aware of problems: sugar	266	K5f
KQ6_F_NS	Sugar: problems not specified	267	K6
KQ6_F_01	Sugar: heart / arteries	268	K6
KQ6_F_02	Sugar: arthritis	269	K6
KQ6_F_03	Sugar: bone problems	270	K6
KQ6_F_04	Sugar: breathing problems	271	K6
KQ6_F_05	Sugar: cancer	272	K6
KQ6_F_06	Sugar: digestive problems	273	K6
KQ6_F_07	Sugar: tooth problems	274	K6
KQ6_F_08	Sugar: diabetes	275	K6
KQ6_F_09	Sugar: edema	276	K6
KQ6_F_10	Sugar: fatigue	277	K6
KQ6_F_11	Sugar: high blood cholesterol	278	K6
KQ6_F_12	Sugar: high blood pressure	279	K6
KQ6_F_13	Sugar: hyperactivity	280	K6
KQ6_F_14	Sugar: kidney disease	281	K6
KQ6_F_15	Sugar: overweight	282	K6
KQ6_F_16	Sugar: stroke	283	K6
KQ6_F_17	Sugar: other	284	K6
KQ5_G	Aware of problems: overweight	285	K5g
KQ6_G_NS	Overweight: problems not specified	286	K6
KQ6_G_01	Overweight: heart / arteries	287	K6
KQ6_G_02	Overweight: arthritis	288	K6
KQ6_G_03	Overweight: bone problems	289	K6
KQ6_G_04	Overweight: breathing problems	290	K6
KQ6_G_05	Overweight: cancer	291	K6
KQ6_G_06	Overweight: digestive problems	292	K6
KQ6_G_07	Overweight: tooth problems	293	K6
KQ6_G_08	Overweight: diabetes	294	K6
KQ6_G_09	Overweight: edema	295	K6
KQ6_G_10	Overweight: fatigue	296	K6
KQ6_G_11	Overweight: high blood cholesterol	297	K6
KQ6_G_12	Overweight: high blood pressure	298	K6
KQ6_G_13	Overweight: hyperactivity	299	K6
KQ6_G_14	Overweight: kidney disease	300	K6
KQ6_G_15	Overweight: overweight	301	K6
KQ6_G_16	Overweight: stroke	302	K6
KQ6_G_17	Overweight: other	303	K6
KQ7	Self-reported weight status	304	K7
KQ8_A	More sat. fat?: liver/t-bone	305	K8a
KQ8_B	More sat. fat?: butter/margarine	306	K8b
KQ8_C	More sat. fat?: egg white yolk	307	K8c
KQ8_D	More sat. fat?: skim/whole milk	308	K8d

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ9_A	More fat?: hamburger/ground round	309	K9a
KQ9_B	More fat?: pork chops/spare ribs	310	K9b
KQ9_C	More fat?: Hot dogs/ham	311	K9c
KQ9_D	More fat?: peanuts/popcorn	312	K9d
KQ9_E	More fat?: yogurt/sour cream	313	K9e
KQ9_F	More fat?: porterhouse/round	314	K9f
KQ10	Liquid or solid fat	315	K10
KQ11	No cholesterol ->	316	K11
KQ12	Is cholesterol found in	317	K12
KQ13	Only vegetable oil ->	318	K13
KQ14	"Light" means	319	K14
KQ15_A	Importance: how safe is food	320	K15a
KQ15_B	Importance: nutrition	321	K15b
KQ15_C	Importance: price	322	K15c
KQ15_D	Importance: how well the food keeps	323	K15d
KQ15_E	Importance: how easy to prepare	324	K15e
KQ15_F	Importance: taste	325	K15f
KQ16_A	Do you use: list of ingredients	326	K16a
KQ16_B	Do you use: short phrases	327	K16b
KQ16_C	Do you use: nutrition panel	328	K16c
KQ16_D	Do you use: serving size	329	K16d
KQ16_E	Do you use: health benefits	330	K16e
KQ16_NVR	K16: never / never seen	331	K16
KQ17_A	Look for on label: calories	332	K17a
KQ17_B	Look for on label: salt or sodium	333	K17b
KQ17_C	Look for on label: total fat	334	K17c
KQ17_D	Look for on label: saturated fat	335	K17d
KQ17_E	Look for on label: cholesterol	336	K17e
KQ17_F	Look for on label: vitamins/minerals	337	K17f
KQ17_G	Look for on label: fiber	338	K17g
KQ17_H	Look for on label: sugars	339	K17h
KQ18_A	Look for on: dessert items	340	K18a
KQ18_B	Look for on: snack items	341	K18b
KQ18_C	Look for on: frozen dinners	342	K18c
KQ18_D	Look for on: breakfast cereals	343	K18d
KQ18_E	Look for on: cheese	344	K18e
KQ18_F	Look for on: fresh fruits/vegetables	345	K18f
KQ18_G	Look for on: salad dressings	346	K18g
KQ18_H	Look for on: table spreads	347	K18h
KQ18_I	Look for on: raw meat	348	K18i
KQ18_J	Look for on: processed meat	349	K18j
KQ19_A	Understood: list of ingredients	350	K19a
KQ19_B	Understood: short phrase	351	K19b
KQ19_C	Understood: calories in serving	352	K19c
KQ19_D	Understood: calories from fat	353	K19d
KQ19_E	Understood: nutrients	354	K19e
KQ19_F	Understood: daily value	355	K19f
KQ19_G	Understood: descriptions like "lean"	356	K19g

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ20_A	How confident: low-fat	357	K20a
KQ20_B	How confident: low-cholesterol	358	K20b
KQ20_C	How confident: good source of fiber	359	K20c
KQ20_D	How confident: light	360	K20d
KQ20_E	How confident: healthy	361	K20e
KQ20_F	How confident: extra lean	362	K20f
KQ21_A	Does govt define: low-cholesterol	363	K21a
KQ21_B	Does govt define: light	364	K21b
KQ21_C	Does govt define: extra lean	365	K21c
KQ22_A	High or low: 100mg sodium	366	K22a
KQ22_B	High or low: 20g fat	367	K22b
KQ22_C	High or low: 15mg cholesterol	368	K22c
KQ22_D	High or low: 5g fiber	369	K22d
KQ22_E	High or low: 10g saturated fat	370	K22e
KQ23_A	Labels: nutrient info is useful	371	K23a
KQ23_B	Labels: confident in use	372	K23b
KQ23_C	Labels: nutrient info hard to interpret	373	K23c
KQ23_D	Labels: reading takes too much time	374	K23d
KQ23_E	Labels: read because health is important	375	K23e
KQ23_F	Labels: would like to learn more	376	K23f
KQ23_G	Labels: reading -> easier to choose	377	K23g
KQ23_H	Labels: sometimes try new foods	378	K23h
KQ23_I	Labels: use -> better choices	379	K23i
KQ23_J	Labels: using is better than not using	380	K23j
KQ24_A	Labels: confident in use	381	K24a
KQ24_B	Labels: nutrition info hard to interpret	382	K24b
KQ24_C	Labels: reading takes too much time	383	K24c
KQ24_D	Labels: would like to learn more	384	K24d
KQ24_E	Labels: use -> better food choices	385	K24e
KQ25_A	Does govt define: low-cholesterol	386	K25a
KQ25_B	Does govt define: light	387	K25b
KQ25_C	Does govt define: extra lean	388	K25c
KQ26_A	Eat/use: lower-fat luncheon meats	389	K26a
KQ26_B	Eat/use: skim or 1% milk	390	K26b
KQ26_C	Eat/use: low-fat cheese	391	K26c
KQ26_D	Eat/use: ice milk, frozen yogurt, ...	392	K26d
KQ26_E	Eat/use: low-cal salad dressing	393	K26e
KQ26_F	Eat/use: fruit for dessert	394	K26f
KQ26_G	Eat/use: fish or poultry instead of meat	395	K26g
KQ27	Add fat to boiled/baked potatoes	396	K27
KQ28	Add fat to other cooked vegetables	397	K28
KQ29	Eat vegetables with creamy sauces.	398	K29
KQ30	Eat fried chicken	399	K30
KQ31	Eat chicken with skin removed	400	K31
KQ32	Amount of table fat on breads/muffins	401	K32
KQ33_A	Eat: bakery products like cakes, ...	402	K33a
KQ33_B	Eat: chips	403	K33b
KQ34	Eat meat at main meals	404	K34

8. FIELD LISTS FOR CSFII 1994-96, 1998

8.2 Ordered by Position Within Record Type

8.2.7 Record type 50: DHKS -- continued

Name	Description	Starting Position	Question Source
KQ35	Portion size of meat	405	K35
KQ36	Trim the fat on meat	406	K36
KQ37	How many eggs a week	407	K37
KQ38	Wash fruits and vegetables	408	K38
KQ39	Eat the peel of fresh fruit	409	K39
KQ40	Eat the peel of fresh vegetables	410	K40
KQ41	Eat the outer leaves of vegetables	411	K41
KQ42	Most responsible for meals	412	K42
YEAR	Year of survey	413	
WTA_DHK	Final annual DHKS sampling weight	417	
WTA_2DHK	Final annual DHKS (2-day) weight	425	

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.1 Introduction to the File Formats

The file formats (or, to use alternate terminology, the data definition documents or the data file codebook) describe the contents of each of the seven record type files (rt15.dat, rt20.dat, rt25.dat, rt30.dat, rt35.dat, rt40.dat, and rt50.dat). Each field has an entry which includes a field name, position, width, and field type as well as a description, the applicable universe, the allowed values and their meaning, and the skip pattern dictated by specific field values. A typical entry looks like:

Name	Position	W	T	
PLAN_YN	79	1	N	Do you usually plan the meals?

Note: From question H21.

Applies to all records.

- 1 = Yes
- * 2 = No
- * 8 = Don't know
- * 9 = Not ascertained

* Skip PLAN_ONE.

The field name will be no longer than eight characters and will always be referred to in the file formats in uppercase letters. The position provides the starting and, if the width is greater than 1, ending columns. The width (W) is the total number of columns allocated to the field including, where appropriate, an explicit decimal point. The type (T) of the field is either 'N' for numeric or 'A' for alpha-numeric or character. If a numeric field has a fractional part the number of decimal places follows the N. For example, 'N2' indicates a field with two decimal places. In the above example the file format entry is for a field named PLAN_YN which is found in column 79, has a width of 1, and is numeric with no fractional part and thus no explicit decimal point. These field characteristics will always be found on the first line of a field's entry.

The description of a field is as complete as possible. If the field comes directly from a question on one of the questionnaires, the questionnaire type, question number, and, where possible, the full text of the question is provided. The description may also contain notes about the field's derivation or intended usage. In the above example, PLAN_YN

is a person level field which, as the note referencing H21 indicates, originally came from a household level question on the household questionnaire. See section 7.5, "Question References in the Data File Formats," for information on the questionnaire references. The field's description begins on the first line of the field's file format entry but will usually require several lines.

The universe of the field defines the conditions that make a field applicable to a particular record. A universe statement will always be found below the field description in a file format entry. If a field applies to all records the phrase "Applies to all records" will be used as in the above example. Otherwise, the conditions which must be met for the field to apply to a particular record are written in an algebraic or programming style and in terms of other fields and their values. Examples of these statements are "Applies if: SMK_100 = 1, 8" where SMK_100 must be equal to either '1' or '8' for the field to be applicable and "Applies if: EMP_ABS > 1" where EMP_ABS must be greater than '1' for the field to be applicable. Other symbols used to describe conditions are '<' for less than, '>=' for greater than or equal to, '<=' for less than or equal to and 'ne' for not equal to. Hyphens (-) are used to indicate a range of values. Fields on records that do not meet the conditions are blank.

The values allowed to a field and their meanings are provided in statements following the universe statement. The form of this section of an entry is a value or set of values to the left of an equal sign and a definition or appropriate unit to the right of the equal sign. The left side entries may be preceded by one or more asterisks that mark values which dictate a skip pattern. Some open-ended fields have allowed ranges that are wider than might be expected. See section 11, "CONTROL STATISTICS" for the maxima of some of these fields. The statement "Blank = Not applicable" will be found in entries for fields that do not apply to all records. In the above example, PLAN_YN is allowed to have values of '1,' '2,' '8,' and '9' for "Yes," "No," "Don't know" and "Not ascertained." Also in the above example, the values '2,' '8' and '9,' dictate a skip pattern.

The skip patterns marked by asterisks are described in statements that follow the value definitions. These statements are always in terms of fields found later in the record. Where a range of fields is skipped, the range is indicated by a hyphen. If any skipped field is blank, the condition that required it to be blank is provided in the universe statement. In the above example, the skip pattern dictates that PLAN_ONE will be skipped where PLAN_YN is equal to '2,' '8,' or '9.'

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.2 Formats for Each Record Type

9.2.1 Record type 15: Households

Name	Position	W	T	
RT	1-2	2	N	Record type. Applies to all records. 15 = Record type
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
	8-10	3		Blank
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count
INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.) Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed. Applies to all records. 0 - 99999 = Dollars 100000 = \$100,000 or more

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
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INCREP	24	1	N	H52. Type of original response to H52.
--------	----	---	---	--

Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

INCCODE	25	1	A
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H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.

Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 0 - 299 = Percentage of the poverty threshold 300 = 300% or more
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_RCV12	31	1	N	<p>H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month).</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained</p>
	32-63	32		Blank
COMP_HH	64	1	N	<p>Household interview completion flag.</p> <p>Note: It was not required that a household interview be completed for SPs from the household to be eligible to respond to the intake interview. This file contains records for all households with participating SPs including the households without complete household interviews. Those households are indicated by this flag. Most of the household questionnaire fields have been assigned values meaning 'not ascertained' on the records of those households.</p> <p>Applies to all records.</p> <p>1 = Household interview completed * 2 = Household interview not completed * Skip HH_RESP - HH_LANG.</p>
HH_RESP	65	1	A	<p>Respondent to the household interview.</p> <p>Applies if: COMP_HH = 1</p> <p>A - V = Line letter of respondent Y = Not a household member 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
HH_LANG	66	1	N	Language type of the household questionnaire. Applies if: COMP_HH = 1 1 = English 2 = Spanish Blank = Not applicable
CNT_D1	67-68	2	N	Count of SPs in the household with complete day 1 intakes. Applies to all records. 1 - 23 = Count
CNT_D2	69-70	2	N	Count of SPs in the household with complete day 2 intakes. Applies to all records. 1 - 23 = Count
DHK_HH	71	1	N	Did someone from this household complete a DHKS interview. Applies to all records. 1 = Yes 2 = No

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
SHP_FREQ	72	1	N	H1. Let's begin by talking about the general food shopping practice of this household. On the average, how often does someone do a major shopping for this household? Would you say ...

Applies to all records.

- 1 = More than once a week
- 2 = Once a week
- 3 = Once every two weeks
- 4 = Once a month or less
- * 5 = Never
- 8 = Don't know
- 9 = Not ascertained

* Skip SHP_STOR.

SHP_STOR	73-74	2	N	H2. In what kind of store is this major food shopping usually done? Is it a ...
----------	-------	---	---	---

Applies if: SHP_FREQ = 1-4, 8, 9

- 1 = Supermarket
- 2 = Small store
- 11 = Food warehouse
- 12 = Specialty store
- 13 = Commissary
- 14 = Cooperative
- 15 = More than one type of store
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
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SHP_GROC	75-78	4	N	H3. During the last three months, how much money has this household spent per week or per month at grocery stores, including the stores' salad bars, soup bars, delis, etc.? Include purchases made with food stamps.
----------	-------	---	---	---

Note: Respondents were allowed to report amount spent per week or per month. SHP_GROU contains the unit.

Applies to all records.

- * 0 = None
- 1 - 9995 = Amount in dollars per week
- ** 9998 = Don't know
- ** 9999 = Not ascertained
- * Skip SHP_GROU - SHP_NONU.
- ** Skip SHP_GROU.

SHP_GROU	79	1	N	Unit for SHP_GROC.
----------	----	---	---	--------------------

Applies if: 0 < SHP_GROC < 9996

- 1 = Per week
- 2 = Per month
- 9 = Not ascertained
- Blank = Not applicable

SHP_NONF	80-83	4	N	H4. About how much of the amount reported in H3, if any, was for nonfood items such as cleaning or paper products, food bought for feeding a pet, or cigarettes?
----------	-------	---	---	--

Note: Respondents were allowed to report amount spent per week or per month. SHP_NONU contains the unit.

Applies if: SHP_GROC > 0

- 0 = None
- 1 - 9995 = Amount in dollars per week or per month
- * 9998 = Don't know
- * 9999 = Not ascertained
- * Skip SHP_NONU.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
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SHP_NONU	84	1	N	Unit for SHP_NONF.
----------	----	---	---	--------------------

Applies if: SHP_NONC < 9995

1 = Per week
 2 = Per month
 9 = Not ascertained
 Blank = Not applicable

SHP_SPEC	85-88	4	N	H5. During the last three months, how much has this household spent per week on food at specialty stores -- such as bakeries, liquor stores, delicatessens, meat markets, vegetable stands, health food stores, and other similar places -- when the food was brought into your home?
----------	-------	---	---	---

Note: Respondents were allowed to report amount spent per week or per month. SHP_SPEU contains the unit.

Applies to all records.

0 = None
 1 - 9995 = Amount in dollars per week or per month
 * 9998 = Don't know
 * 9999 = Not ascertained

* Skip SHP_SPEU.

SHP_SPEU	89	1	N	Unit for SHP_SPEC.
----------	----	---	---	--------------------

Applies if: SHP_SPEC > 9995

1 = Per week
 2 = Per month
 9 = Not ascertained
 Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
------	----------	---	---

SHP_FAST	90-93	4	N	H6. During the last three months, how much has this household spent per week at fast food or carryout places when the food was brought into your home?
----------	-------	---	---	--

Note: Respondents were allowed to report amount spent per week or per month. SHP_FASU contains the unit.

Applies to all records.

- 0 = None
- 1 - 9995 = Amount in dollars per week or per month
- * 9998 = Don't know
- * 9999 = Not ascertained
- * Skip SHP_FASU.

SHP_FASU	94	1	N	Unit for SHP_FAST.
----------	----	---	---	--------------------

Applies if: SHP_FAST < 9995

- 1 = Per week
- 2 = Per month
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
------	----------	---	---

SHP_AWAY	95-98	4	N	H7. During the last three months, what has been this household's usual amount of money spent per week for food bought and eaten away from home? Include food and beverages that never entered your home, that is, eaten at restaurants, fast food places, cafeterias at work or at school or purchased from vending machines, for all household members.
----------	-------	---	---	--

Note: Respondents were allowed to report amount spent per week or per month. SHP_AWAY contains the unit.

Applies to all records.

0 = None
 1 - 9995 = Amount in dollars per week or per month
 * 9998 = Don't know
 * 9999 = Not ascertained

* Skip SHP_AWAY.

SHP_AWAY	99	1	N	Unit for SHP_AWAY.
----------	----	---	---	--------------------

Applies if: SHP_AWAY < 9995

1 = Per week
 2 = Per month
 9 = Not ascertained
 Blank = Not applicable

HEAD_F	100	1	A	H8. Who is the female head of household?
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Note: Respondents were not required to identify a female head of household. It is possible for HEAD_F to have a value of '2' for a household with one or more adult female members.

Applies to all records.

A - V = Line letter
 2 = No female head
 8 = Don't know
 9 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
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HEAD_M	101	1	A	H9. Who is the male head of household?
--------	-----	---	---	--

Note: Respondents were not required to identify a male head of household. It is possible for HEAD_M to have a value of '2' for a household with one or more adult male members.

Applies to all records.

A - V = Line letter
 2 = No male head
 8 = Don't know
 9 = Not ascertained

TENURE	102	1	N	H17. In regard to this dwelling, is the property ...?
--------	-----	---	---	---

Applies to all records.

1 = Owned or being bought by someone living in this household
 2 = Rented with payment required
 3 = Occupied without payment of rent required
 7 = Refused
 8 = Don't know
 9 = Not ascertained

H2O_COOK	103-104	2	N	H18. What is the main source of the water used for cooking in your home?
----------	---------	---	---	--

Applies to all records.

1 = Community water supply
 2 = Well or rain cistern (household's)
 3 = Spring (household's or public)
 4 = Bottled water (purchased)
 96 = Other
 98 = Don't know
 99 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
H2O_BEVR	105-106	2	N	<p>H19. What is the main source of the water used in your home for preparing beverages such as coffee, tea, juices, and baby formula?</p> <p>Applies to all records.</p> <p>1 = Community water supply 2 = Well or rain cistern (household's) 3 = Spring (household's or public) 4 = Bottled water (purchased) 96 = Other 98 = Don't know 99 = Not ascertained</p>
H2O_DRNK	107-108	2	N	<p>H20. What is the main source of plain drinking water in your home?</p> <p>Applies to all records.</p> <p>1 = Community water supply 2 = Well or rain cistern (household's) 3 = Spring (household's or public) 4 = Bottled water (purchased) 96 = Other 98 = Don't know 99 = Not ascertained</p>
PLAN_ALL	109	1	N	<p>H21. Who usually plans the meals - all household members?</p> <p>Note: Up to three household members were coded individually. These persons are identified by PLAN_1, PLAN_2 and PLAN_3. If a respondent answered "all household members" it is indicated in PLAN_ALL and PLAN_1-PLAN_3 are not used.</p> <p>Applies to all records.</p> <p>* 1 = All household members * 2 = Not all household members * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip PLAN_1 - PLAN_3</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
PLAN_1	110	1	A	H21. Who usually plans the meals - first person? Applies if: PLAN_ALL = 2 A - V = Line letter Y = Person not a household member Blank = Not applicable
PLAN_2	111	1	A	H21. Who usually plans the meals - second person? Applies if: PLAN_ALL = 2 A - V = Line letter Y = Person not a household member * 2 = Only one planner Blank = Not applicable * Skip PLAN_3
PLAN_3	112	1	A	H21. Who usually plans the meals - third person? Applies if: PLAN_2 = 'A'-'V', 'Y' A - V = Line letter Y = Person not a household member 2 = Only two planners Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T
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SHOP_ALL	113	1	N	H22. Who usually does the major food shopping - all household members?
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Note: Up to three household members were coded individually. These persons are identified by SHOP_1, SHOP_2 and SHOP_3. If a respondent answered "all household members" it is indicated in SHOP_ALL and SHOP_1-SHOP_3 are not used.

Applies to all records.

- * 1 = All household members
- * 2 = Not all household members
- * 8 = Don't know
- * 9 = Not ascertained
- * Skip SHOP_1 - SHOP_3

SHOP_1	114	1	A	H22. Who usually does the major food shopping - first person?
--------	-----	---	---	---

Applies if: SHOP_ALL = 2

- A - V = Line letter
- Y = Person not a household member
- Blank = Not applicable

SHOP_2	115	1	A	H22. Who usually does the major food shopping - second person?
--------	-----	---	---	--

Applies if: SHOP_ALL = 2

- A - V = Line letter
- Y = Person not a household member
- * 2 = Only one shopper
- Blank = Not applicable
- * Skip SHOP_3

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
SHOP_3	116	1	A	H22. Who usually does the major food shopping - third person? Applies if: SHOP_2 = 'A' - 'V', 'Y' A - V = Line letter Y = Person not a household member 2 = Only two shoppers Blank = Not applicable
PREP_ALL	117	1	N	H23. Who usually prepares the food - all household members? Note: Up to three household members were coded individually. These persons are identified by PREP_1, PREP_2 and PREP_3. If a respondent answered "all household members" it is indicated in PREP_ALL and PREP_1-PREP_3 are not used. Applies to all records. * 1 = All household members 2 = Not all household members * 8 = Don't know * 9 = Not ascertained * Skip PREP_1 - PREP_3
PREP_1	118	1	A	H23. Who usually prepares the food - first person? Applies if: PREP_ALL = 2 A - V = Line letter Y = Person not a household member Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
PREP_2	119	1	A	H23. Who usually prepares the food - second person? Applies if: PREP_ALL = 2 A - V = Line letter Y = Person not a household member * 2 = Only one preparer Blank = Not applicable * Skip PREP_3
PREP_3	120	1	A	H23. Who usually prepares the food - third person? Applies if: PREP_2 = 'A' - 'V', 'Y' A - V = Line letter Y = Person not a household member 2 = Only two preparers Blank = Not applicable
D_ANYMEM	121	1	N	H24. Is anyone in this household on any kind of diet either to lose weight or for some other health-related reason? Applies to all records. 1 = Yes * 2 = No * 8 = Don't know * 9 = No answer * Skip D_CALOR - D_OTHER
D_CALOR	122	1	N	H25. Which of these diets is someone on - weight loss or low calorie diet? Applies if: D_ANYMEM = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
D_FAT	123	1	N	H25. Which of these diets is someone on - low fat or cholesterol diet?
				Applies if: D_ANYMEM = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
D_SODIUM	124	1	N	H25. Which of these diets is someone on - low salt or sodium diet?
				Applies if: D_ANYMEM = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
D_SUGAR	125	1	N	H25. Which of these diets is someone on - sugar free or low sugar diet?
				Applies if: D_ANYMEM = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
D_LFIBER	126	1	N	H25. Which of these diets is someone on - low fiber diet?
				Applies if: D_ANYMEM = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
D_HFIBER	127	1	N	H25. Which of these diets is someone on - high fiber diet? Applies if: D_ANYMEM = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
D_DIABET	128	1	N	H25. Which of these diets is someone on - diabetic diet? Applies if: D_ANYMEM = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
D_BLAND	129	1	N	H25. Which of these diets is someone on - bland (ulcer) diet? Applies if: D_ANYMEM = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
D_WTGAIN	130	1	N	H25. Which of these diets is someone on - weight gain diet? Applies if: D_ANYMEM = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
D_ALLERG	131	1	N	H25. Which of these diets is someone on - allergy diet?

Applies if: D_ANYMEM = 1

- 1 = Yes
- 2 = No
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

D_OTHER	132	1	N	H25. Which of these diets is someone on - other diet?
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Applies if: D_ANYMEM = 1

- 1 = Yes
- 2 = No
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

PRG_ANY	133	1	N	H26. Is anyone in this household now pregnant?
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Note: Questions H26 and H27 were asked only if a female age 10-55 was identified as a household member at screening. Where there was no such person in the household PRG_ANY has a value of '3' and the following fields are blank.

Applies to all records.

- 1 = Yes
- * 2 = No
- * 3 = Question not asked, no female
in household 10-55
- * 8 = Don't know
- * 9 = Not ascertained

* Skip PRG_WHO1 - PRG_TIM2.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
PRG_WHO1	134	1	A	H27. Please tell me who is pregnant - first person. Applies if: PRG_ANY = 1 A - V = Line letter of woman Blank = Not applicable
PRG_TIM1	135-136	2	N	H28. How many months pregnant is she - first person? Applies if: PRG_ANY = 1 0 = Less than one month 1 - 9 = Month of pregnancy 98 = Don't know 99 = Not ascertained Blank = Not applicable
PRG_WHO2	137	1	A	H27. Please tell me who is pregnant - second person. Applies if: PRG_ANY = 1 A - V = Line letter of woman * 3 = Only one pregnant woman Blank = Not applicable * Skip PRG_TIM2.
PRG_TIM2	138-139	2	N	H28. How many months pregnant is she - second person? Applies if: PRG_WHO2 = 'A' - 'V' 0 = Less than one month 1 - 9 = Month of pregnancy 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
BF_ANY	140	1	N	H29. Are any children currently being breast fed?

Note: Questions H29, H30 and H31 were asked only if a child age 3 or less was identified as a household member at screening. Where there was no such person in the household BF_ANY has a value of '3' and the following fields are blank.

Applies to all records.

- 1 = Yes
- * 2 = No
- * 3 = Question not asked, no child in household 3 or less
- * 8 = Don't know
- * 9 = Not ascertained

* Skip BF_WHO1 - BF_WOM2.

BF_WHO1	141	1	A	H30. Please tell me who - first child.
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Applies if: BF_ANY = 1

B - V = Line letter of child
 W = Child not born at time of screening
 Blank = Not applicable

BF_WOM1	142	1	A	H31. Please tell me the name of the woman who is breast feeding this child - first child.
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Applies if: BF_ANY = 1

A - V = Line letter of woman
 Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
BF_WHO2	143	1	A	H30. Please tell me who - second child. Applies if: BF_ANY = 1 B - V = Line letter of child W = Child not born at time of screening * 3 = Only one breastfeeding child * Blank = Not applicable * Skip BF_WOM2.
BF_WOM2	144	1	A	H31. Please tell me the name of the woman who is breast feeding this child - second child. Applies if: BF_WHO2 = 'B' - 'V' A - V = Line letter of woman Blank = Not applicable
WIC_ANY	145	1	N	H32. Is anyone in this household receiving benefits under the WIC program at the present time? (That is the Women, Infants and Children Program.) Applies to all records. 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained * Skip WIC_WHO1 - WIC_UNT5.
WIC_WHO1	146	1	A	H33. Please tell me who in this household is receiving WIC benefits - first person. Applies if: WIC_ANY = 1 A - V = Line letter of person W = Child not born at time of screening Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
WIC_TIM1	147-148	2	N	H34. How long has this person been receiving benefits - first person.

Note: respondents were allowed to answer in terms of months or years. WIC_UNT1 contains the unit.

Applies if: WIC_ANY = 1

- * 0 = Less than 1 month
- * 1 - 72 = Number of months or years
- * 98 = Don't know
- * 99 = Not ascertained
- * Blank = Not applicable
- * Skip WIC_UNT1.

WIC_UNT1	149	1	N	Unit for WIC_TIM1.
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Applies if: WIC_TIM1 = 1 - 72

- 1 = Months
- 2 = Years
- 9 = Not ascertained
- Blank = Not applicable

WIC_WHO2	150	1	A	H33. Please tell me who in this household is receiving WIC benefits - second person.
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Applies if: WIC_ANY = 1

- A - V = Line letter of person
- W = Child not born at time of screening
- * 3 = Only one person on WIC
- Blank = Not applicable
- * Skip WIC_TIM2 - WIC_UNT5.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
WIC_TIM2	151-152	2	N	H34. How long has this person been receiving benefits - second person.

Note: respondents were allowed to answer in terms of months or years. WIC_UNT2 contains the unit.

Applies if: WIC_WHO2 = 'A' - 'V'

- * 0 = Less than 1 month
 - * 1 - 72 = Number of months or years
 - * 98 = Don't know
 - * 99 = Not ascertained
 - * Blank = Not applicable
- * Skip WIC_UNT2.

WIC_UNT2	153	1	N	Unit for WIC_TIM2.
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Applies if: WIC_TIM2 = 1 - 72

- 1 = Months
- 2 = Years
- 9 = Not ascertained
- Blank = Not applicable

WIC_WHO3	154	1	A	H33. Please tell me who in this household is receiving WIC benefits - third person.
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Applies if: WIC_WHO2 = 'A' - 'V'

- A - V = Line letter of person
 - W = Child not born at time of screening
 - * 3 = Only two persons on WIC
 - Blank = Not applicable
- * Skip WIC_TIM3 - WIC_UNT5.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
WIC_TIM3	155-156	2	N	H34. How long has this person been receiving benefits - third person.

Note: respondents were allowed to answer in terms of months or years. WIC_UNT3 contains the unit.

Applies if: WIC_WHO3 = 'A' - 'V'

- * 0 = Less than 1 month
 - * 1 - 72 = Number of months or years
 - * 98 = Don't know
 - * 99 = Not ascertained
 - * Blank = Not applicable
- * Skip WIC_UNT3.

WIC_UNT3	157	1	N	Unit for WIC_TIM3.
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Applies if: WIC_TIM3 = 1 - 72

- 1 = Months
- 2 = Years
- 9 = Not ascertained
- Blank = Not applicable

WIC_WHO4	158	1	A	H33. Please tell me who in this household is receiving WIC benefits - fourth person.
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Applies if: WIC_WHO3 = 'A' - 'V'

- A - V = Line letter of person
 - W = Child not born at time of screening
 - * 3 = Only three persons on WIC
 - Blank = Not applicable
- * Skip WIC_TIM4 - WIC_UNT5.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
WIC_TIM4	159-160	2	N	H34. How long has this person been receiving benefits - fourth person.

Note: respondents were allowed to answer in terms of months or years. WIC_UNT4 contains the unit.

Applies if: WIC_WHO4 = 'A' - 'V'

- * 0 = Less than 1 month
 - * 1 - 72 = Number of months or years
 - * 98 = Don't know
 - * 99 = Not ascertained
 - * Blank = Not applicable
- * Skip WIC_UNT4.

WIC_UNT4	161	1	N	Unit for WIC_TIM4.
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Applies if: WIC_TIM4 = 1 - 72

- 1 = Months
- 2 = Years
- 9 = Not ascertained
- Blank = Not applicable

WIC_WHO5	162	1	A	H33. Please tell me who in this household is receiving WIC benefits - fifth person.
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Applies if: WIC_WHO4 = 'A' - 'V'

- A - V = Line letter of person
 - W = Child not born at time of screening
 - * 3 = Only four persons on WIC
 - Blank = Not applicable
- * Skip WIC_TIM5 - WIC_UNT5.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
WIC_TIM5	163-164	2	N	H34. How long has this person been receiving benefits - fifth person.

Note: respondents were allowed to answer in terms of months or years. WIC_UNT5 contains the unit.

Applies if: WIC_WHO5 = 'A' - 'V'

- * 0 = Less than 1 month
- 1 - 72 = Number of months or years
- * 98 = Don't know
- * 99 = Not ascertained
- * Blank = Not applicable
- * Skip WIC_UNT5.

WIC_UNT5	165	1	N	Unit for WIC_TIM5.
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Applies if: WIC_TIM5 = 1 - 72

- 1 = Months
- 2 = Years
- 9 = Not ascertained
- Blank = Not applicable

NUM1_5	166	1	N	Number of children in the household age 1 to 5.
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Note: Based on AGE from record type 20.

Applies to all records.

- * 0 = No children 1-5
- ** 1 = 1 child 1-5
- *** 2 = 2 children 1-5
- **** 3 = 3 children 1-5
- ***** 4 = 4 children 1-5
- ***** 5 = 5 children 1-5
- ***** 6 = 6 children 1-5
- * Skip CCAREL1 - CCARE6.
- ** Skip CCAREL2 - CCARE6.
- *** Skip CCAREL3 - CCARE6.
- **** Skip CCAREL4 - CCARE6.
- ***** Skip CCAREL5 - CCARE6.
- ***** Skip CCAREL6 - CCARE6.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
CCAREL1	167	1	A	Line letter of first child age 1 - 5. Applies if: NUM1_5 > 0 B - V = Child's line letter Blank = Not applicable
CCARE1	168	1	N	H42. Does (first child) attend a child care program which provides any meals or snacks? Applies if: NUM1_5 > 0 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
CCAREL2	169	1	A	Line letter of second age 1 - 5. Applies if: NUM1_5 > 1 B - V = Child's line letter Blank = Not applicable
CCARE2	170	1	N	H42. Does (second child) attend a child care program which provides any meals or snacks? Applies if: NUM1_5 > 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
CCAREL3	171	1	A	Line letter of third child age 1 - 5. Applies if: NUM1_5 > 2 B - V = Child's line letter Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
CCARE3	172	1	N	H42. Does (third child) attend a child care program which provides any meals or snacks? Applies if: NUM1_5 > 2 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
CCAREL4	173	1	A	Line letter of fourth child age 1 - 5. Applies if: NUM1_5 > 3 B - V = Child's line letter Blank = Not applicable
CCARE4	174	1	N	H42. Does (fourth child) attend a child care program which provides any meals or snacks? Applies if: NUM1_5 > 3 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
CCAREL5	175	1	A	Line letter of fifth child age 1 - 5. Applies if: NUM1_5 > 4 B - V = Child's line letter Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
CCARE5	176	1	N	<p>H42. Does (fifth child) attend a child care program which provides any meals or snacks?</p> <p>Applies if: NUM1_5 > 4</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
CCAREL6	177	1	A	<p>Line letter of sixth child age 1 - 5.</p> <p>Applies if: NUM1_5 > 5</p> <p>B - V = Child's line letter Blank = Not applicable</p>
CCARE6	178	1	N	<p>H42. Does (sixth child) attend a child care program which provides any meals or snacks?</p> <p>Applies if: NUM1_5 > 5</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
FOODDESC	179	1	N	<p>H43. Which of these statements best describes the food eaten in your household in the last three months ... ?</p> <p>Applies to all records.</p> <p>* 1 = Enough of the kinds of food we want to eat * 2 = Enough but not always the kinds of food we want to eat 3 = Sometimes not enough to eat 4 = Often not enough to eat * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip NEFD_M1 - NEFD_DYS.</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
NEFD_M1	180	1	N	H44. In which of the last three months did your household not have enough to eat - last month?
				Applies if: FOODDESC = 3, 4
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
NEFD_M2	181	1	N	H44. In which of the last three months did your household not have enough to eat - month before last?
				Applies if: FOODDESC = 3, 4
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
NEFD_M3	182	1	N	H44. In which of the last three months did your household not have enough to eat - two months before last?
				Applies if: FOODDESC = 3, 4
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
NEFD_R1	183	1	N	<p>H45. Which of the following reasons explain why your household did not have enough food - did not have enough money, food stamps, or WIC vouchers to buy food or beverages?</p> <p>Applies if: FOODDESC = 3, 4</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
NEFD_R2	184	1	N	<p>H45. Which of the following reasons explain why your household did not have enough food - did not have working appliances for storing or preparing foods (such as stove or refrigerator)?</p> <p>Applies if: FOODDESC = 3, 4</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
NEFD_R3	185	1	N	<p>H45. Which of the following reasons explain why your household did not have enough food - did not have transportation or had transportation problems?</p> <p>Applies if: FOODDESC = 3, 4</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
NEFD_R4	186	1	N	H45. Which of the following reasons explain why your household did not have enough food - too busy to shop for food? Applies if: FOODDESC = 3, 4 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
NEFD_R5	187	1	N	H45. Which of the following reasons explain why your household did not have enough food - other reason? Applies if: FOODDESC = 3, 4 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
NEFD_DYS	188-189	2	N	H46. Last month, how many days did your household not have enough food or money or food stamps to buy food? Applies if: FOODDESC = 3, 4 0 - 31 = Number of days 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
CASH5000	190	1	N	H54. Now, consider cash, savings or checking accounts, stocks, bonds, mutual funds and certificates of deposit. Do the members of this household have more than \$5,000 of such savings or cash assets at this time?

Applies to all records.

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

* Skip CASHCODE.

CASHCODE	191	1	A	H55. What letter on this card best represents the total savings or cash assets of all household members at this time?
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Applies if: CASH5000 > 1

- A = Less than or equal to \$500
- B = \$501 - \$1,000
- C = \$1,001 - \$2,000
- D = \$2,001 - \$3,000
- E = \$3,001 - \$4,000
- F = \$4,001 - \$5,000
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

YINC_S1	192	1	N	H48. Did any member of this household receive any income from their own business or farm in the previous calendar year?
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Applies to all records.

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

* Skip YINC_A1.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
YINC_A1	193-198	6	N	H49. What was the total net income after business expenses received in the previous calendar year by all members of this household who have their own business or farm? Applies if: YINC_S1 = 1 0 = None or negative income 1 - 99999 = Total net income 100000 = \$100,000 or more 999997 = Refused 999998 = Don't know 999999 = Not ascertained Blank = Not applicable
YINC_S2	199	1	N	H50. Did any member of this household receive any income from interest, dividends, or annuities in the previous calendar year? Applies to all records. 1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not ascertained * Skip YINC_A2.
YINC_A2	200-205	6	N	H51. What was the total amount of income from interest, dividends, and annuities in the previous calendar year by all members of this household? Applies if: YINC_S2 = 1 1 - 99999 = Total net income 100000 = \$100,000 or more 999997 = Refused 999998 = Don't know 999999 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
MINC_S1	206	1	N	<p>H56. Please tell me whether any member of this household received income in the last calendar month from: wages or salary from a job including tips or commissions?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip MINC_A1.</p>
MINC_A1	207-210	4	N	<p>H57. What was the total income received in the last month by all members of the household - before taxes and other deductions - from: wages or salary from a job including tips or commissions?</p> <p>Applies if: MINC_S1 = 1</p> <p>1 - 8332 = Income from this source 8333 = \$8,333 or more 9997 = Refused 9998 = Don't know 9999 = Not ascertained Blank = Not applicable</p>
MINC_S2	211	1	N	<p>H56. Please tell me whether any member of this household received income in the last calendar month from: Social Security or Supplemental Security Income?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip MINC_A2.</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
MINC_A2	212-215	4	N	H57. What was the total income received in the last month by all members of the household - before taxes and other deductions - from: Social Security or Supplemental Security Income?

Applies if: MINC_S2 = 1

- 1 - 8332 = Income from this source
- 8333 = \$8,333 or more
- 9997 = Refused
- 9998 = Don't know
- 9999 = Not ascertained
- Blank = Not applicable

MINC_S3	216	1	N	H56. Please tell me whether any member of this household received income in the last calendar month from: pension or retirement?
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Applies to all records.

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

* Skip MINC_A3.

MINC_A3	217-220	4	N	H57. What was the total income received in the last month by all members of the household - before taxes and other deductions - from: pension or retirement?
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Applies if: MINC_S3 = 1

- 1 - 8332 = Income from this source
- 8333 = \$8,333 or more
- 9997 = Refused
- 9998 = Don't know
- 9999 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
MINC_S4	221	1	N	<p>H56. Please tell me whether any member of this household received income in the last calendar month from: unemployment or Workmen's Compensation?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip MINC_A4.</p>
MINC_A4	222-225	4	N	<p>H57. What was the total income received in the last month by all members of the household - before taxes and other deductions - from: unemployment or Workmen's Compensation?</p> <p>Applies if: MINC_S4 = 1</p> <p>1 - 8332 = Income from this source 8333 = \$8,333 or more 9997 = Refused 9998 = Don't know 9999 = Not ascertained Blank = Not applicable</p>
MINC_S5	226	1	N	<p>H56. Please tell me whether any member of this household received income in the last calendar month from: AFDC, general assistance or other public assistance program? (Do not include food stamps or WIC benefits.)</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip MINC_A5.</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
MINC_A5	227-230	4	N	H57. What was the total income received in the last month by all members of the household - before taxes and other deductions - from: AFDC, general assistance or other public assistance program? (Do not include food stamps or WIC benefits.)

Applies if: MINC_S5 = 1

- 1 - 8332 = Income from this source
- 8333 = \$8,333 or more
- 9997 = Refused
- 9998 = Don't know
- 9999 = Not ascertained
- Blank = Not applicable

MINC_S6	231	1	N	H56. Please tell me whether any member of this household received income in the last calendar month from: other sources, such as alimony, child support, and other regular monthly contributions from persons not living in this household?
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Applies to all records.

- 1 = Yes
- * 2 = No
- * 7 = Refused
- * 8 = Don't know
- * 9 = Not ascertained
- * Skip MINC_A6.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
MINC_A6	232-235	4	N	H57. What was the total income received in the last month by all members of the household - before taxes and other deductions - from: other sources, such as alimony, child support, and other regular monthly contributions from persons not living in this household?

Applies if: MINC_S6 = 1

- 1 - 8332 = Income from this source
- 8333 = \$8,333 or more
- 9997 = Refused
- 9998 = Don't know
- 9999 = Not ascertained
- Blank = Not applicable

MINC_RDK	236	1	N	H58. Would you please tell me whether the to income received by the members of this household during the previous month was more or less than the amount on this card next to the number (number of household members).
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Note: This question was only asked if there were answers of "refused" or "don't know" for any of the H49 questions. The respondents were comparing their household's monthly income with an amount equivalent to 130% of the poverty threshold for a household of the appropriate size and scaled to a monthly basis. This was not explained to the respondent, they were simply comparing two amounts.

Applies to all records.

- 1 = More
- 2 = Less
- 3 = Question not asked, no refusals or "don't know"'s for any of the H56 or H57 questions
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_NOW	237	1	N	H60. Is anyone in your household authorized to receive food stamps at the present time? (An authorized person is one whose name appears on a certification card.) Applies to all records. 1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not ascertained * Skip FS_EVERY - FS_VAL.
FS_EVERY	238	1	N	H61. Is everyone in your household covered under this food stamp allotment? Applies if: FS_NOW = 1 * 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip FS_COV01 - FS_INC.
FS_COV01	239	1	A	H62. Which persons are covered - first person? Applies if: FS_EVERY = 2 A - V = Line letter of household member 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_COV02	240	1	A	H62. Which persons are covered - second person?
				Applies if: FS_COV02 = 'A' - 'V'
				A - V = Line letter of household member
				* 3 = No second person
				9 = Not ascertained
				Blank = Not applicable
				* Skip FS_COV03 - FS_COV10.
FS_COV03	241	1	A	H62. Which persons are covered - third person?
				Applies if: FS_COV02 = 'A' - 'V'
				A - V = Line letter of household member
				* 3 = No third person
				9 = Not ascertained
				Blank = Not applicable
				* Skip FS_COV04 - FS_COV10.
FS_COV04	242	1	A	H62. Which persons are covered - fourth person?
				Applies if: FS_COV03 = 'A' - 'V'
				A - V = Line letter of household member
				* 3 = No fourth person
				9 = Not ascertained
				Blank = Not applicable
				* Skip FS_COV05 - FS_COV10.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_COV05	243	1	A	H62. Which persons are covered - fifth person? Applies if: FS_COV04 = 'A' - 'V' A - V = Line letter of household member * 3 = No fifth person 9 = Not ascertained Blank = Not applicable * Skip FS_COV06 - FS_COV10.
FS_COV06	244	1	A	H62. Which persons are covered - sixth person? Applies if: FS_COV05 = 'A' - 'V' A - V = Line letter of household member * 3 = No sixth person 9 = Not ascertained Blank = Not applicable * Skip FS_COV07 - FS_COV10.
FS_COV07	245	1	A	H62. Which persons are covered - seventh person? Applies if: FS_COV06 = 'A' - 'V' A - V = Line letter of household member * 3 = No seventh person 9 = Not ascertained Blank = Not applicable * Skip FS_COV08 - FS_COV10.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_COV08	246	1	A	H62. Which persons are covered - eighth person? Applies if: FS_COV07 = 'A' - 'V' A - V = Line letter of household member * 3 = No eighth person 9 = Not ascertained Blank = Not applicable * Skip FS_COV09 - FS_COV10.
FS_COV09	247	1	A	H62. Which persons are covered - ninth person? Applies if: FS_COV08 = 'A' - 'V' A - V = Line letter of household member * 3 = No ninth person 9 = Not ascertained Blank = Not applicable * Skip FS_COV10.
FS_COV10	248	1	A	H62. Which persons are covered - tenth person? Applies if: FS_COV09 = 'A' - 'V' A - V = Line letter of household member 3 = No tenth person 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_INC	249-252	4	N	H63. Now think just about these people, that is the people listed for question H62 and their income from these sources (from card). Approximately how much income from all sources did they have before taxes in the previous calendar month? (Please give me your best estimate for just these people receiving food stamps.)

Applies if: FS_EVERY = 2

- 0 - 8332 = Income from this source
- 8333 = \$8,333 or more
- 9997 = Refused
- 9998 = Don't know
- 9999 = Not ascertained
- Blank = Not applicable

FS_MNTH	253-254	2	N	H64. On about what date did your household last get food stamps - month?
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Applies if: FS_NOW = 1

- 1 = January
- 2 = February
- 3 = March
- 4 = April
- 5 = May
- 6 = June
- 7 = July
- 8 = August
- 9 = September
- 10 = October
- 11 = November
- 12 = December
- 96 = Haven't received them yet
- 97 = Refused
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 19989. FILE FORMATS1998
 9.2 Formats for Each Record Type
 9.2.1 Record type 15: Households -- continued

Name	Position	W	T	
FS_YEAR	255-258	4	N	H64. On about what date did your household last get food stamps - year? Applies if: FS_NOW = 1 1993 - 1998 = Year * 9996 = Haven't received them yet 9997 = Refused 9998 = Don't know 9999 = Not ascertained Blank = Not applicable * Skip FS_AMT.
FS_VAL	259-261	3	N	H65. What was the total amount of stamps you received at that time? (Please give your best estimate.) Applies if: FS_YEAR = 1993-1998, 9997-9999 1 - 994 = Amount in dollars 995 = \$995 or more 997 = Refused 998 = Don't know 999 = Not ascertained Blank = Not applicable
YEAR	262-265	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample 1998 = 1998 sample
WT3_HH	266-273	8	N	3-year household sample weight. 1 - 99999999 = Weight Blank = Not applicable
WT4_HH	274-281	8	N	4-year household sample weight. 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.2 Formats for Each Record Type

9.2.2 Record type 20: Household members

Name	Position	W	T
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RT	1-2	2	N	Record type.
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Applies to all records.

20 = Record type

HHID	3-7	5	N	Household identification number.
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Applies to all records.

10001 - 52999 = HHID

SPNUM	8-9	2	N	Sample person (SP) number.
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Note: SPNUM has been provided on record type 20 for all household members. This was done in order to have HHID and SPNUM available to uniquely identify an individual on record type 20 as they do on record types 25, 30, 35, 40 and 50 and to allow record type 20 to be sorted by HHID and SPNUM. The line letter, LINELET, is also used to identify persons within households and provides the link between record type 15 and record type 20 when household questions refer to individual household members. For example, question H8 asks "Who is the female head of household?". The response to this question is coded as the line letter of the female head of household in HEAD_F on record type 15.

Applies to all records.

1 - 23 = SP number (responding SPs,
that is, SPs completing day 1)
51 - 75 = Number identifying household
members who are not
responding SPs

LINELET	10	1	A	Line letter.
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Applies to all records.

A - V = Line letter

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T
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INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.)
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Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed.

Applies to all records.

0 - 99999 = Dollars
 100000 = \$100,000 or more

INCREP	24	1	N	H52. Type of original response to H52.
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Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
INCCODE	25	1	A	H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.

Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE.
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Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- 0 - 299 = Percentage of the poverty threshold
- 300 = 300% or more

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income
FS_RCV12	31	1	N	H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month). Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T
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AGE	32-33	2	N	Age of household member in years.
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Note: For SPs completing an intake interview, this is their age as of the day of the day 1 intake. For all others this is the age reported at screening.

Applies to all records.

0 = Under 1 year old
 * 1 - 89 = Age in years
 * 90 = 90 years or older

* Skip AGE_M.

AGE_M	34-35	2	N	Age of household member in months. Valid only for children 11 months old or younger.
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Note: For SPs completing an intake interview, this is their age as of the day of the day 1 intake. For all others this is the age reported at screening.

Applies if: AGE = 0

0 = Less than one month old
 1 - 11 = Months of age
 Blank = Not applicable

SEX	36	1	N	Sex of household member.
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Applies to all records.

1 = Male
 2 = Female

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
REL_REF	37-38	2	N	S8. What is your relationship to the reference person? Applies to all records. 0 = Reference person 1 = Spouse 2 = Natural or adopted child; step child 3 = Grandchild 4 = Parent 5 = Brother or sister 6 = Other relative 7 = Foster child 8 = Partner; roommate; girlfriend; boyfriend 9 = Roomer or boarder 10 = Employee 11 = Guest 12 = Other unrelated
RACE	39	1	N	S9. Which of the groups on this card best describes your race? Applies to all records. 1 = White 2 = Black 3 = Asian, Pacific Islander 4 = American Indian, Alaskan native 5 = Other
ORIGIN	40	1	N	S10. Do any of these groups (from a card) represent your national origin? Applies to all records. 1 = Mexican, Mexican American, Chicano 2 = Puerto Rican 3 = Cuban 4 = Other Spanish / Hispanic 5 = None of the above

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
HEAD_HH	41	1	N	Are you considered to be the (male or female) head of household?

Note: From H8 and H9.

Applies to all records.

- 1 = Yes
- 2 = No
- 9 = Not ascertained

PL_STAT	42	1	N	Pregnant / lactating status.
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Note: From questions H26, H27, H29 and H31. Also, these questions were only asked of households with certain characteristics as identified at screening.

Applies to all records.

- 1 = Pregnant
- * 2 = Lactating
- 3 = Pregnant and lactating
- * 4 = Not pregnant or lactating
- * 5 = Not female 10-55
- * Skip PRG_MON (which is not a key field).

BF_STAT	43	1	N	Breastfeeding status.
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Note: From questions H29 and H30. Also, these questions were only asked of households with children 3 years old or less identified at screening.

Applies to all records.

- 1 = Breastfeeding
- * 2 = Not breastfeeding
- * 3 = Over 3 years old
- * Skip BF_WOMAN (which is not a key field).

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
FS_AUTH	44	1	N	Is this person authorized to receive food stamps at the present time? Note: From questions H60, H61 and H62. Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained
COMP_D1	45	1	N	Is there complete Day 1 intake data for this individual? Applies to all records. 1 = Yes * 2 = No * Skip COMP_D2 - WT4_2DAY, WTA_2DAY, WT3_2DAY.
COMP_D2	46	1	N	Is there complete Day 2 intake data for this individual? Applies if: COMP_D1 = 1 1 = Yes 2 = No Blank = Not applicable
COMP_DHK	47	1	N	Is there a completed DHKS interview for this individual? Applies if: COMP_D1 = 1 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
WT4_DAY1	48-55	8	N	Final 4-year day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WT4_2DAY	56-63	8	N	Final 4-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
GRADE	64-65	2	N	H10. What is the highest grade or year of regular school you have ever completed (from card)? Note: Questions H10 through H16 were only asked of household members identified at screening to be 15 years of age or older. In such cases, GRADE has a value of '93' and the subsequent fields are blank. Applies to all records. 0 = Never attended school or kindergarten only 1 - 8 = Elementary school grade 9 - 11 = High school grade 12 = High school grade or GED 13 = 1 year of college 14 = 2 years of college 15 = 3 years of college 16 = 4 years of college 17 = 5 or more years of college * 93 = Not asked question 96 = Other 97 = Refused 98 = Don't know 99 = Not ascertained * Skip WORK_LW - EMP_RES.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
EMP_LW	66	1	N	H11. Last week did you work at all at a paid job or in your own business or farm? Applies if: GRADE ne 93 * 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained Blank = Not applicable * Skip EMP_ABS.
EMP_ABS	67	1	N	H12. Did you have a paid job from which you were temporarily absent? Applies if: EMP_LW > 1 * 1 = Yes ** 2 = No ** 7 = Refused ** 8 = Don't know ** 9 = Not ascertained Blank = Not applicable * Skip EMP_HRS. ** Skip EMP_HRS - EMP_OCC.
EMP_HRS	68-70	3	N	H13. How many hours did you work at all jobs in the last week? Include all overtime hours that you worked and hours on any part-time jobs as well as your principal job. Applies if: EMP_LW = 1 1 - 168 = Number of hours 998 = Don't know 999 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
EMP_HRU	71-73	3	N	H14. How many hours a week do you usually work?
				Applies if: EMP_LW = 1 or EMP_ABS = 1
				0 - 168 = Number of hours
				998 = Don't know
				999 = Not ascertained
				Blank = Not applicable
EMP_OCC	74-75	2	N	H15. Which of the categories on this card comes closest to describing the paid work you do?
				Applies if: EMP_LW = 1 or EMP_ABS = 1
				* 1 = Professional and technical
				* 2 = Manager, officer or proprietor
				* 3 = Farmer
				* 4 = Clerical or sales worker
				* 5 = Craftsman or foreman
				* 6 = Operative
				* 7 = Service worker or other similar job
				* 8 = Other
				* 97 = Refused
				* 98 = Don't know
				* 99 = Not ascertained
				Blank = Not applicable
				* Skip EMP_RES.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
EMP_RES	76-77	2	N	H16. Which of the reasons (on a card) best describes why you were not working at a paid job last week?

Applies if: EMP_ABS > 1

- 1 = Looking for work
- 2 = Going to school
- 3 = Keeping house
- 4 = Retired
- 5 = Unable to work
- 11 = Performing nonpaid work
- 12 = Inclement weather
- 16 = Other
- 97 = Refused
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

EMP_STAT	78	1	N	Employment status (hours worked last week).
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Note: from H11, H12 and H13. See section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- 1 = Employed, full time
- 2 = Employed, part time
- 3 = Employed, not at work last week
- 4 = Not employed
- 5 = Age < 15
- 9 = Indeterminable

PLAN_YN	79	1	N	Do you usually plan the meals?
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Note: From question H21.

Applies to all records.

- 1 = Yes
- * 2 = No
- * 8 = Don't know
- * 9 = Not ascertained
- * Skip PLAN_ONE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
PLAN_ONE	80	1	A	Are you the only person who usually plans the meals?

Note: From question H21.

Applies if: PLAN_YN = 1

1 = Yes

2 = No

Blank = Not applicable

SHOP_YN	81	1	N	Do you usually do the major food shopping?
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Note: From question H22.

Applies to all records.

1 = Yes

* 2 = No

* 8 = Don't know

* 9 = Not ascertained

* Skip SHOP_ONE.

SHOP_ONE	82	1	A	Are you the only person who usually does the major food shopping?
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Note: From question H22.

Applies if: SHOP_YN = 1

1 = Yes

2 = No

Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
PREP_YN	83	1	N	Do you usually prepare the food? Note: From question H23. Applies to all records. 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained * Skip PREP_ONE.
PREP_ONE	84	1	A	Are you the only person who usually prepares the food? Note: From question H23. Applies if: PREP_YN = 1 1 = Yes 2 = No Blank = Not applicable
PRG_MON	85-86	2	N	How many months pregnant are you? Note: From question H28. Applies if: PL_STAT = 1, 3 0 = Less than one month 1 - 9 = Number of months 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
BF_WOMAN	87	1	A	Who is the woman who is breastfeeding this child?
				Note: From question H31.
				Applies if: BF_STAT = 1
				A - V = Line letter
				9 = Not ascertained
				Blank = Not applicable
WIC_YN	88	1	N	Are you receiving benefits under the Women, Infants and Children (WIC) Program at the present time?
				Note: From questions H32 and H33.
				Applies to all records.
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				* Skip WIC_UNIT.
WIC_TIME	89-90	2	N	How long have you been receiving WIC benefits?
				Note: From question H34. Respondents were allowed to report the length of time in terms of either months or years. WIC_UNIT contains the unit.
				Applies if: WIC_YN = 1
				* 0 = Less than 1 month
				1 - 72 = Number of months or years
				* 98 = Don't know
				* 99 = Not ascertained
				Blank = Not applicable
				* Skip WIC_UNIT.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
WIC_UNIT	91	1	N	Unit for WIC_TIME. Applies if: WIC_TIME = 1 - 72 1 = Months 2 = Years 9 = Not ascertained Blank = Not applicable
SCHOOL	92	1	N	H35. Does this person attend a kindergarten, grade school, junior or high school? Note: Questions H35 - H41 were only asked of household members identified at screening to be age 5 through 18 years. Otherwise, SCHOOL has a value of '3' and the following fields are blank. Applies to all records. 1 = Yes * 2 = No * 3 = Not asked question * 7 = Refused * 8 = Don't know * 9 = Not ascertained * Skip LCH_SERV - BRK_COST.
LCH_SERV	93	1	N	H36. Does this person attend a school which serves school lunches? These are complete lunches costing a fixed price every day. Applies if: SCHOOL = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip LCH_NUM - LCH_COST.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
LCH_NUM	94-95	2	N	H37. During the school year, approximately how many times a week does this person usually get a complete school lunch?

Note: Respondents reported the number of lunches either per week or per month. LCH_UNIT contains the unit.

Applies if: LCH_SERV = 1

- * 0 = None
- * 1 - 31 = Times per week or month
- * 98 = Don't know
- * 99 = Not ascertained
- * Blank = Not applicable
- * Skip LCH_UNIT - LCH_COST.

LCH_UNIT	96	1	N	Unit for LCH_NUM.
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Applies if: LCH_NUM = 1 - 31

- 1 = Week
- 2 = Month
- Blank = Not applicable

LCH_COST	97	1	N	H38. Does this person get these lunches free, at a reduced cost or does this person pay full price?
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Applies if: LCH_NUM = 1 - 31

- 1 = Free
- 2 = Reduced price
- 3 = Full price
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
BRK_SERV	98	1	N	<p>H39. Does this person attend a school which serves school breakfasts? These are complete breakfasts costing a fixed price every day.</p> <p>Applies if: SCHOOL = 1</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable</p> <p>* Skip BRK_NUM - BRK_COST.</p>
BRK_NUM	99-100	2	N	<p>H40. During the school year, approximately how many times a week does this person usually get a complete school breakfast?</p> <p>Note: Respondents reported the number of breakfasts either per week or per month. BRK_UNIT contains the unit.</p> <p>Applies if: BRK_SERV = 1</p> <p>* 0 = None 1 - 31 = Times per week or month * 98 = Don't know * 99 = Not ascertained * Blank = Not applicable</p> <p>* Skip BRK_UNIT - BRK_COST.</p>
BRK_UNIT	101	1	N	<p>Unit for BRK_NUM.</p> <p>Applies if: BRK_NUM = 1 - 31</p> <p>1 = Week 2 = Month Blank = Not applicable</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
BRK_COST	102	1	N	H41. Does this person get these breakfasts free, at a reduced cost or does this person pay full price? Applies if: BRK_NUM = 1 - 31 1 = Free 2 = Reduced price 3 = Full price 8 = Don't know 9 = Not ascertained Blank = Not applicable
CCARE_ML	103	1	N	H42. Does this person attend a child care program which gives him or her any meals or snacks? Note: Question H42 was only asked of household members identified at screening to be age 1 through 5 years. Applies to all records. 1 = Yes 2 = No 3 = Not child 1 - 5 8 = Don't know 9 = Not ascertained
YEAR	104-107	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample 1998 = 1998 sample
WTA_DAY1	108-115	8	N	Final annual day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.2 Record type 20: Household members -- continued

Name	Position	W	T	
WTA_2DAY	116-123	8	N	Final annual two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_DAY1	124-131	8	N	Final 3-year day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_2DAY	132-139	8	N	Final 3-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.2 Formats for Each Record Type

9.2.3 Record type 25: Sample persons

Name	Position	W	T	
RT	1-2	2	N	Record type. Applies to all records. 25 = Record type
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number
LINELET	10	1	A	Line letter. Applies to all records. A - V = Line letter
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count
INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.) Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed. Applies to all records. 0 - 99999 = Dollars 100000 = \$100,000 or more

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T
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INCREP	24	1	N
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H52. Type of original response to H52.

Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

INCCODE	25	1	A
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H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.

Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 0 - 299 = Percentage of the poverty threshold 300 = 300% or more
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
FS_RCV12	31	1	N	<p>H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month).</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained</p>
AGE	32-33	2	N	<p>Age of household member in years.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies to all records.</p> <p>0 = Under 1 year old * 1 - 89 = Age in years * 90 = 90 or older</p> <p>* Skip AGE_M.</p>
AGE_M	34-35	2	N	<p>Age of household member in months. Valid only for children 11 months old or younger.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies if: AGE = 0</p> <p>0 = Less than one month old 1 - 11 = Months of age Blank = Not applicable</p>
SEX	36	1	N	<p>Sex of household member.</p> <p>Applies to all records.</p> <p>1 = Male 2 = Female</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
REL_REF	37-38	2	N	S8. What is your relationship to the reference person? Applies to all records. 0 = Reference person 1 = Spouse 2 = Natural or adopted child; step child 3 = Grandchild 4 = Parent 5 = Brother or sister 6 = Other relative 7 = Foster child 8 = Partner; roommate; girlfriend; boyfriend 9 = Roomer or boarder 10 = Employer 11 = Guest 12 = Other unrelated
RACE	39	1	N	S9. Which of the groups on this card best describes your race? Applies to all records. 1 = White 2 = Black 3 = Asian, Pacific Islander 4 = American Indian, Alaskan native 5 = Other
ORIGIN	40	1	N	S10. Do any of these groups (from a card) represent your national origin? Applies to all records. 1 = Mexican, Mexican American, Chicano 2 = Puerto Rican 3 = Cuban 4 = Other Spanish / Hispanic 5 = None of the above

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
HEAD_HH	41	1	N	Are you considered to be the (male or female) head of household?

Note: From H8 and H9.

Applies to all records.

- 1 = Yes
- 2 = No
- 9 = Not ascertained

PL_STAT	42	1	N	Pregnant / lactating status.
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Note: From questions H26, H27, H29 and H31. These questions were only asked of households with certain characteristics as identified at screening.

Applies to all records.

- 1 = Pregnant
- 2 = Lactating
- 3 = Pregnant and lactating
- 4 = Not pregnant or lactating
- 5 = Not female 10-55

BF_STAT	43	1	N	Breastfeeding status.
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Note: From questions H29 and H30. These questions were only asked of households with children 3 years old or less identified at screening.

Applies to all records.

- 1 = Breastfeeding
- 2 = Not breastfeeding
- 3 = Over 3 years old

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
FS_AUTH	44	1	N	Is this person authorized to receive food stamps at the present time? Note: From questions H60, H61 and H62. Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained
COMP_D1	45	1	N	Is there complete Day 1 intake data for this individual? Applies to all records. 1 = Yes
COMP_D2	46	1	N	Is there complete Day 2 intake data for this individual? Applies to all records. 1 = Yes * 2 = No * Skip WT4_2DAY, D2_MNTH-D2_TV, EATEN_01-EATEN_29, D2_LANG-D2_DATAR, WTA_2DAY, WT3_2DAY.
COMP_DHK	47	1	N	Is there a completed DHKS interview for this individual? Applies to all records. 1 = Yes 2 = No
WT4_DAY1	48-55	8	N	Final 4-year day 1 full sample weight. Applies to all records. 1 - 99999999 = Weight

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
WT4_2DAY	56-63	8	N	Final 4-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
GRADE	64-65	2	N	H10. What is the highest grade or year of regular school you have ever completed (from card)? Note: Questions H10 through H16 were only asked of household members identified at screening to be 15 years of age or older. In such cases, GRADE has a value of '93' and the subsequent fields are blank. Applies to all records. 0 = Never attended school or kindergarten only 1 - 8 = Elementary school grade 9 - 11 = High school grade 12 = High school grade or GED 13 = 1 year of college 14 = 2 years of college 15 = 3 years of college 16 = 4 years of college 17 = 5 or more years of college * 93 = Not asked question 96 = Other 97 = Refused 98 = Don't know 99 = Not ascertained * Skip WORK_LW - EMP_RES.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EMP_LW	66	1	N	H11. Last week did you work at all at a paid job or in your own business or farm? Applies if: GRADE ne 93 * 1 = Yes 2 = No * 7 = Refused 8 = Don't know 9 = Not ascertained Blank = Not applicable * Skip EMP_ABS.
EMP_ABS	67	1	N	H12. Did you have a paid job from which you were temporarily absent? Applies if: EMP_LW > 1 * 1 = Yes ** 2 = No 7 = Refused ** 8 = Don't know ** 9 = Not ascertained Blank = Not applicable * Skip EMP_HRS. ** Skip EMP_HRS - EMP_OCC.
EMP_HRS	68-70	3	N	H13. How many hours did you work at all jobs in the last week? Include all overtime hours that you worked and hours on any part-time jobs as well as your principal job. Applies if: EMP_LW = 1 1 - 168 = Number of hours 998 = Don't know 999 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EMP_HRU	71-73	3	N	H14. How many hours a week do you usually work?
				Applies if: EMP_LW = 1 or EMP_ABS = 1
				0 - 168 = Number of hours
				998 = Don't know
				999 = Not ascertained
				Blank = Not applicable
EMP_OCC	74-75	2	N	H15. Which of the categories on this card comes closest to describing the paid work you do?
				Applies if: EMP_LW = 1 or EMP_ABS = 1
				* 1 = Professional and technical
				* 2 = Manager, officer or proprietor
				* 3 = Farmer
				* 4 = Clerical or sales worker
				* 5 = Craftsman or foreman
				* 6 = Operative
				* 7 = Service worker or other similar job
				* 8 = Other
				* 97 = Refused
				* 98 = Don't know
				* 99 = Not ascertained
				Blank = Not applicable
				* Skip EMP_RES.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EMP_RES	76-77	2	N	H16. Which of the reasons (on a card) best describes why you were not working at a paid job last week?

Applies if: EMP_ABS > 1

- 1 = Looking for work
- 2 = Going to school
- 3 = Keeping house
- 4 = Retired
- 5 = Unable to work
- 11 = Performing nonpaid work
- 12 = Inclement weather
- 16 = Other
- 97 = Refused
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

EMP_STAT	78	1	N	Employment status (hours worked last week). Note: from H11, H12 and H13. See section 9.2, "Additional Documentation of Calculated Variables" for details.
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Applies to all records.

- 1 = Employed, full time
- 2 = Employed, part time
- 3 = Employed, not at work last week
- 4 = Not employed
- 5 = Age < 15
- 9 = Indeterminable

PLAN_YN	79	1	N	Do you usually plan the meals?
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Note: From question H21.

Applies to all records.

- 1 = Yes
- * 2 = No
- * 8 = Don't know
- * 9 = Not ascertained
- * Skip PLAN_ONE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
PLAN_ONE	80	1	A	Are you the only person who usually plans the meals?

Note: From question H21.

Applies if: PLAN_YN = 1

1 = Yes

2 = No

Blank = Not applicable

SHOP_YN	81	1	N	Do you usually do the major food shopping?
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Note: From question H22.

Applies to all records.

1 = Yes

* 2 = No

* 8 = Don't know

* 9 = Not ascertained

* Skip SHOP_ONE.

SHOP_ONE	82	1	A	Are you the only person who usually does the major food shopping?
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Note: From question H22.

Applies if: SHOP_YN = 1

1 = Yes

2 = No

Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
PREP_YN	83	1	N	Do you usually prepare the food? Note: From question H23. Applies to all records. 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained * Skip PREP_ONE.
PREP_ONE	84	1	A	Are you the only person who usually prepares the food? Note: From question H23. Applies if: PREP_YN = 1 1 = Yes 2 = No Blank = Not applicable
PRG_MON	85-86	2	N	How many months pregnant are you? Note: From question H28. Applies if: PL_STAT = 1, 3 0 = Less than one month 1 - 9 = Number of months 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
BF_WOMAN	87	1	A	Who is the woman who is breastfeeding this child? Note: From question H31. Applies if: BF_STAT = 1 A - V = Line letter 9 = Not ascertained Blank = Not applicable
WIC_YN	88	1	N	Are you receiving benefits under the Women, Infants and Children (WIC) Program at the present time? Note: From questions H32 and H33. Applies to all records. 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained * Skip WIC_UNIT.
WIC_TIME	89-90	2	N	How long have you been receiving WIC benefits Note: From question H34. Respondents were allowed to report the length of time in terms of either months or years. WIC_UNIT contains the unit. Applies if: WIC_YN = 1 * 0 = Less than 1 month 1 - 72 = Number of months or years * 98 = Don't know * 99 = Not ascertained Blank = Not applicable * Skip WIC_UNIT.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
WIC_UNIT	91	1	N	Unit for WIC_TIME. Applies if: WIC_TIME = 1 - 72 1 = Months 2 = Years 9 = Not ascertained Blank = Not applicable
SCHOOL	92	1	N	H35. Does this person attend a kindergarten, grade school, junior or high school? Note: Questions H35 - H41 were only asked of household members identified at screening to be age 5 through 18 years. Otherwise, SCHOOL has a value of '3' and the following fields are blank. Applies to all records. 1 = Yes * 2 = No * 3 = Not asked question * 7 = Refused * 8 = Don't know * 9 = Not ascertained * Skip LCH_SERV - BRK_COST.
LCH_SERV	93	1	N	H36. Does this person attend a school which serves school lunches? These are complete lunches costing a fixed price every day. Applies if: SCHOOL = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip LCH_NUM - LCH_COST.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
LCH_NUM	94-95	2	N	H37. During the school year, approximately how many times a week does this person usually get a complete school lunch?

Note: Respondents reported the number of lunches either per week or per month. LCH_UNIT contains the unit.

Applies if: LCH_SERV = 1

- * 0 = None
- * 1 - 31 = Times per week or month
- * 98 = Don't know
- * 99 = Not ascertained
- * Blank = Not applicable
- * Skip LCH_UNIT - LCH_COST.

LCH_UNIT	96	1	N	Unit for LCH_NUM.
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Applies if: LCH_NUM = 1 - 31

- 1 = Week
- 2 = Month
- Blank = Not applicable

LCH_COST	97	1	N	H38. Does this person get these lunches free, at a reduced cost or does this person pay full price?
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Applies if: LCH_NUM = 1 - 31

- 1 = Free
- 2 = Reduced price
- 3 = Full price
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
BRK_SERV	98	1	N	<p>H39. Does this person attend a school which serves school breakfasts? These are complete breakfasts costing a fixed price every day.</p> <p>Applies if: SCHOOL = 1</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable</p> <p>* Skip BRK_NUM - BRK_COST.</p>
BRK_NUM	99-100	2	N	<p>H40. During the school year, approximately how many times a week does this person usually get a complete school breakfast?</p> <p>Note: Respondents reported the number of breakfasts either per week or per month. BRK_UNIT contains the unit.</p> <p>Applies if: BRK_SERV = 1</p> <p>* 0 = None * 1 - 31 = Times per week or month * 98 = Don't know * 99 = Not ascertained * Blank = Not applicable</p> <p>* Skip BRK_UNIT - BRK_COST.</p>
BRK_UNIT	101	1	N	<p>Unit for BRK_NUM.</p> <p>Applies if: BRK_NUM = 1 - 31</p> <p>1 = Week 2 = Month Blank = Not applicable</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
BRK_COST	102	1	N	H41. Does this person get these breakfasts free, at a reduced cost or does this person pay full price? Applies if: BRK_NUM = 1 - 31 1 = Free 2 = Reduced price 3 = Full price 8 = Don't know 9 = Not ascertained Blank = Not applicable
CCARE_ML	103	1	N	H42. Does this person attend a child care program which gives him or her any meals or snacks? Note: Question H42 was only asked of household members identified at screening to be age 1 through 5 years. Applies to all records. 1 = Yes 2 = No 3 = Not child 1 - 5 8 = Don't know 9 = Not ascertained
WT_BASE	104-111	8	N	Base weight. Applies to all records. 1 - 99999999 = Weight
WT_ADJ	112-119	8	N	Adjusted base weight. Applies to all records. 1 - 99999999 = Weight

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_MNTH	120-121	2	N	Day 1: month of intake.
				Applies to all records.
				1 = January
				2 = February
				3 = March
				4 = April
				5 = May
				6 = June
				7 = July
				8 = August
				9 = September
				10 = October
				11 = November
				12 = December
D1_DATE	122-123	2	N	Day 1: day of month of intake.
				Applies to all records.
				1 - 31 = Date
D1_YEAR	124-127	4	N	Day 1: year of intake.
				Applies to all records.
				1994 - 1998 = Year
D1_DAY	128	1	N	Day 1: day of week of intake.
				Applies to all records.
				1 = Sunday
				2 = Monday
				3 = Tuesday
				4 = Wednesday
				5 = Thursday
				6 = Friday
				7 = Saturday

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_NREC	129-130	2	N	Day 1: number of food records (record type 30's).
				Applies to all records.
				0 - 99 = Number
D1_AMTUS	131	1	N	DA10. Was the amount of food that you ate yesterday about usual, less than usual, or more than usual - day 1?
				Applies to all records.
				** 1 = Usual
				2 = Less than usual
				* 3 = More than usual
				** 8 = Don't know
				** 9 = Not ascertained
				* Skip D1_LESS.
				** Skip D1_LESS - D1_MORE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_LESS	132-133	2	N	DA11. What is the main reason the amount you ate yesterday was less than usual - day 1?

Applies if: D1_AMTUS = 2

- * 1 = Sickness
 - * 2 = Short of money
 - * 3 = Traveling
 - * 4 = At social occasion / special day
 - * 5 = On vacation
 - * 6 = Too busy
 - * 7 = Not hungry
 - * 8 = Dieting
 - * 9 = Fasting
 - * 10 = Bored or stressed
 - * 11 = Teething / tooth problems
 - * 12 = Did not like food served
 - * 13 = Meal preparer(s) absent / not available
 - * 14 = Sleeping / slept late
 - * 15 = Weekend
 - * 16 = Food not available
 - * 17 = Depressed / low mood
 - * 18 = Exercising
 - * 19 = At home
 - * 20 = Away from home
 - * 21 = Heat / hot weather
 - * 96 = Other
 - * 98 = Don't know
 - * 99 = Not ascertained
 - Blank = Not applicable
- * Skip D1_MORE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_MORE	134-135	2	N	DA12. What is the main reason the amount you ate yesterday was more than usual - day 1?

Applies if: D1_AMTUS = 3

- 1 = Traveling
- 2 = At social occasion / on special day
- 3 = On vacation
- 4 = Very hungry
- 5 = Bored or stressed
- 11 = Ate out
- 12 = Sickness / recovering from sickness
- 13 = Growing
- 14 = Liked food served
- 15 = At home
- 16 = Away from home
- 17 = Exercising
- 18 = Weekend
- 19 = Cooking
- 20 = Depressed / low mood
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

D1_H2O_O	136-138	3	N	DA15. How many fluid ounces of plain drinking water, that is, tap water or any bottled water that is not carbonated, with nothing added to it, did you drink yesterday - day 1?
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Applies to all records.

- * 0 = None
- 1 - 995 = Fluid ounces
- 998 = Don't know
- 999 = Not ascertained
- * Skip D1_H2O_H - D1_H2O_A

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_H2O_H	139	1	N	DA16. How much of this plain drinking water came from your home? Would you say all, most some, or none - day 1? Applies if: D1_H2O_O > 0 * 1 = All 2 = Most 3 = Some 4 = None 8 = Don't know 9 = Not ascertained * Skip D1_H2O_A
D1_H2O_A	140	1	N	DA17. What was the main source of plain drinking water that did not come from your home? Was it tap water, water from a drinking fountain, bottled water, or something else - day 1? Applies if: D1_H2O_H > 1 1 = Tap water / drinking fountain 2 = Bottled water 6 = Other 8 = Don't know 9 = Not ascertained Blank = Not applicable
D1_TV	141-142	2	N	DA35. How many hours did you watch television or videotapes yesterday - day 1? 0 = No TV/tapes watched 1 = 1 hour or less 2 - 24 = Hours 98 = Don't know 99 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_MNTH	143-144	2	N	Day 2: month of intake.
				Applies if: D2_FLAG = 1
				1 = January
				2 = February
				3 = March
				4 = April
				5 = May
				6 = June
				7 = July
				8 = August
				9 = September
				10 = October
				11 = November
				12 = December
				Blank = Not applicable

D2_DATE	145-146	2	N	Day 2: date of intake.
				Applies if: COMP_D2 = 1
				1 - 31 = Date
				Blank = Not applicable

D2_YEAR	147-150	4	N	Day 2: year of intake.
				Applies if: COMP_D2 = 1
				1994 - 1998 = Year
				Blank = Not applicable

D2_DAY	151	1	N	Day 2: day of week of intake.
				Applies if: COMP_D2 = 1
				1 = Sunday
				2 = Monday
				3 = Tuesday
				4 = Wednesday
				5 = Thursday
				6 = Friday
				7 = Saturday
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_NREC	152-153	2	N	Day 2: count of food records (record type 30's).
				Applies if: COMP_D2 = 1
				0 - 99 = Number
				Blank = Not applicable
D2_AMTUS	154	1	N	DB10. Was the amount of food that you ate yesterday about usual, less than usual, or more than usual - day 2?
				Applies if: COMP_D2 = 1
				** 1 = Usual
				2 = Less than usual
				* 3 = More than usual
				** 8 = Don't know
				** 9 = Not ascertained
				Blank = Not applicable
				* Skip D2_LESS.
				** Skip D2_LESS - D2_MORE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_LESS	155-156	2	N	DB11. What is the main reason the amount you ate yesterday was less than usual - day 2?

Applies if: D2_AMTUS = 2

- * 1 = Sickness
 - * 2 = Short of money
 - * 3 = Traveling
 - * 4 = At social occasion / special day
 - * 5 = On vacation
 - * 6 = Too busy
 - * 7 = Not hungry
 - * 8 = Dieting
 - * 9 = Fasting
 - * 10 = Bored or stressed
 - * 11 = Teething / tooth problems
 - * 12 = Did not like food served
 - * 13 = Meal preparer(s) absent / not available
 - * 14 = Sleeping / slept late
 - * 15 = Weekend
 - * 16 = Food not available
 - * 17 = Depressed / low mood
 - * 18 = Exercising
 - * 19 = At home
 - * 20 = Away from home
 - * 21 = Heat / hot weather
 - * 96 = Other
 - * 98 = Don't know
 - * 99 = Not ascertained
 - Blank = Not applicable
- * Skip D2_MORE.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_MORE	157-158	2	N	DB12. What is the main reason the amount you ate yesterday was more than usual - day 2?

Applies if: D2_AMTUS = 3

- 1 = Traveling
- 2 = At social occasion / on special day
- 3 = On vacation
- 4 = Very hungry
- 5 = Bored or stressed
- 11 = Ate out
- 12 = Sickness / recovering from sickness
- 13 = Growing
- 14 = Liked food served
- 15 = At home
- 16 = Away from home
- 17 = Exercising
- 18 = Weekend
- 19 = Cooking
- 20 = Depressed / low mood
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

D2_H2O_O	159-161	3	N	DB13. How many fluid ounces of plain drinking water, that is, tap water or any bottled water that is not carbonated, with nothing added to it, did you drink yesterday - day 2?
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Applies if: COMP_D2 = 1

- * 0 = None
- 1 - 995 = Fluid ounces
- 998 = Don't know
- 999 = Not ascertained
- Blank = Not applicable
- * Skip D2_H2O_H - D2_H2O_A

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_H2O_H	162	1	N	DB14. How much of this plain drinking water came from your home? Would you say all, most some, or none - day 2? Applies if: D2_H2O_O > 0 * 1 = All 2 = Most 3 = Some 4 = None 8 = Don't know 9 = Not ascertained Blank = Not applicable * Skip D2_H2O_A
D2_H2O_A	163	1	N	DB15. What was the main source of plain drinking water that did not come from your home? Was it tap water, water from a drinking fountain, bottled water, or something else - day 2? Applies if: D2_H2O_H > 1 1 = Tap water / drinking fountain 2 = Bottled water 6 = Other 8 = Don't know 9 = Not ascertained Blank = Not applicable
D2_TV	164-165	2	N	DB16. How many hours did you watch television or videotapes yesterday - day 2? Applies if: COMP_D2 = 1 0 = No TV/tapes watched 1 = 1 hour or less 2 - 24 = Hours 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
SALT_TYP	166	1	N	<p>DA13. What type of salt, if any, do you usually add to your food at the table? Would you say it is ordinary salt, seasoned salt, lite salt, or a salt substitute?</p> <p>Applies to all records.</p> <p>1 = Ordinary salt / sea salt 2 = Seasoned salt or other flavored salt 3 = Lite salt 4 = Salt substitute * 5 = None * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip SALT_FRQ.</p>
SALT_FRQ	167	1	N	<p>DA14. How often do you add this salt to your food at the table? Is it always, frequently, sometimes, or rarely?</p> <p>Applies if: SALT_TYP < 5</p> <p>1 = Always 2 = Frequently 3 = Sometimes 4 = Rarely 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
DT_ANY	168	1	N	<p>DA18. Are you on any kind of diet either to lose weight or for some other health-related reason?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = No answer</p> <p>* Skip DT01_YN - DT11_SRC.</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT01_YN	169	1	N	DA19. Which of these diets (from card) are you on - weight loss or low calorie diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT01_R01 - DT01_SRC.
DT01_R01	170	1	N	DA20. Are you on this weight loss or low calorie diet because a doctor or dietician suggested or prescribed it? Applies if: DT01_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT01_R02	171	1	N	DA20. Are you on this weight loss or low calorie diet because a medical condition runs in your family? Applies if: DT01_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT01_R03	172	1	N	DA20. Are you on this weight loss or low calorie diet because you joined another person on his or her diet? Applies if: DT01_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT01_R04	173	1	N	DA20. Are you on this weight loss or low calorie diet because you want to maintain or improve your health? Applies if: DT01_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT01_R05	174	1	N	DA20. Are you on this weight loss or low calorie diet because you want to lose weight? Applies if: DT01_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT01_R06	175	1	N	DA20. Are you on this weight loss or low calorie diet because of an existing medical condition?
				Applies if: DT01_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT01_R07	176	1	N	DA20. Are you on this weight loss or low calorie diet because of some other reason?
				Applies if: DT01_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT01_SRC	177-178	2	N	DA21. Which of these (on card) best describes the source of your weight loss or low calorie diet?
				Applies if: DT01_YN = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT02_YN	179	1	N	DA19. Which of these diets (from card) are you on - low fat or cholesterol diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT02_R01 - DT02_SRC.
DT02_R01	180	1	N	DA20. Are you on this low fat or cholesterol diet because a doctor or dietician suggested or prescribed it? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT02_R02	181	1	N	DA20. Are you on this low fat or cholesterol diet because a medical condition runs in your family? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT02_R03	182	1	N	DA20. Are you on this low fat or cholesterol diet because you joined another person on his or her diet? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT02_R04	183	1	N	DA20. Are you on this low fat or cholesterol diet because you want to maintain or improve your health? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT02_R05	184	1	N	DA20. Are you on this low fat or cholesterol diet because you want to lose weight? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT02_R06	185	1	N	DA20. Are you on this low fat or cholesterol diet because of an existing medical condition? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT02_R07	186	1	N	DA20. Are you on this low fat or cholesterol diet because of some other reason? Applies if: DT02_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT02_SRC	187-188	2	N	DA21. Which of these (on card) best describes the source of your low fat or cholesterol diet? Applies if: DT02_YN = 1 1 = Organized weight loss program 2 = Doctor or dietitian 3 = Something you read or heard about 4 = Something you made up 96 = Other 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT03_YN	189	1	N	DA19. Which of these diets (from card) are you on - low salt or sodium diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT03_R01 - DT03_SRC.
DT03_R01	190	1	N	DA20. Are you on this low salt or sodium diet because a doctor or dietician suggested or prescribed it? Applies if: DT03_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT03_R02	191	1	N	DA20. Are you on this low salt or sodium diet because a medical condition runs in your family? Applies if: DT03_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT03_R03	192	1	N	DA20. Are you on this low salt or sodium diet because you joined another person on his or her diet? Applies if: DT03_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT03_R04	193	1	N	DA20. Are you on this low salt or sodium diet because you want to maintain or improve your health? Applies if: DT03_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT03_R05	194	1	N	DA20. Are you on this low salt or sodium diet because you want to lose weight? Applies if: DT03_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT03_R06	195	1	N	DA20. Are you on this low salt or sodium diet because of an existing medical condition?
				Applies if: DT03_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT03_R07	196	1	N	DA20. Are you on this low salt or sodium diet because of some other reason?
				Applies if: DT03_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT03_SRC	197-198	2	N	DA21. Which of these (on card) best describe the source of your low salt or sodium diet?
				Applies if: DT03_YN = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT04_YN	199	1	N	DA19. Which of these diets (from card) are you on - sugar free or low sugar diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT04_R01 - DT04_SRC.
DT04_R01	200	1	N	DA20. Are you on this sugar free or low sugar diet because a doctor or dietician suggested or prescribed it? Applies if: DT04_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT04_R02	201	1	N	DA20. Are you on this sugar free or low sugar diet because a medical condition runs in your family? Applies if: DT04_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT04_R03	202	1	N	DA20. Are you on this sugar free or low sugar diet because you joined another person on his or her diet? Applies if: DT04_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT04_R04	203	1	N	DA20. Are you on this sugar free or low sugar diet because you want to maintain or improve your health? Applies if: DT04_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT04_R05	204	1	N	DA20. Are you on this sugar free or low sugar diet because you want to lose weight? Applies if: DT04_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT04_R06	205	1	N	DA20. Are you on this sugar free or low sugar diet because of an existing medical condition?
				Applies if: DT04_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT04_R07	206	1	N	DA20. Are you on this sugar free or low sugar diet because of some other reason?
				Applies if: DT04_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT04_SRC	207-208	2	N	DA21. Which of these (on card) best describes the source of your sugar free or low sugar diet?
				Applies if: DT04_YN = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT05_YN	209	1	N	DA19. Which of these diets (from card) are you on - low fiber diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT05_R01 - DT05_SRC.
DT05_R01	210	1	N	DA20. Are you on this low fiber diet because a doctor or dietician suggested or prescribed it? Applies if: DT05_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT05_R02	211	1	N	DA20. Are you on this low fiber diet because a medical condition runs in your family? Applies if: DT05_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT05_R03	212	1	N	DA20. Are you on this low fiber diet because you joined another person on his or her diet?
				Applies if: DT05_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT05_R04	213	1	N	DA20. Are you on this low fiber diet because you want to maintain or improve your health?
				Applies if: DT05_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT05_R05	214	1	N	DA20. Are you on this low fiber diet because you want to lose weight?
				Applies if: DT05_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT05_R06	215	1	N	DA20. Are you on this low fiber diet because of an existing medical condition?
				Applies if: DT05_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT05_R07	216	1	N	DA20. Are you on this low fiber diet because of some other reason? Applies if: DT05_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT05_SRC	217-218	2	N	DA21. Which of these (on card) best describes the source of your low fiber diet? Applies if: DT05_YN = 1 1 = Organized weight loss program 2 = Doctor or dietitian 3 = Something you read or heard about 4 = Something you made up 96 = Other 98 = Don't know 99 = Not ascertained Blank = Not applicable
DT06_YN	219	1	N	DA19. Which of these diets (from card) are you on - high fiber diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT06_R01 - DT06_SRC.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT06_R01	220	1	N	DA20. Are you on this high fiber diet because a doctor or dietician suggested or prescribed it? Applies if: DT06_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT06_R02	221	1	N	DA20. Are you on this high fiber diet because a medical condition runs in your family? Applies if: DT06_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT06_R03	222	1	N	DA20. Are you on this high fiber diet because you joined another person on his or her diet? Applies if: DT06_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT06_R04	223	1	N	DA20. Are you on this high fiber diet because you want to maintain or improve your health?
				Applies if: DT06_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT06_R05	224	1	N	DA20. Are you on this high fiber diet because you want to lose weight?
				Applies if: DT06_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT06_R06	225	1	N	DA20. Are you on this high fiber diet because of an existing medical condition?
				Applies if: DT06_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT06_R07	226	1	N	DA20. Are you on this high fiber diet because of some other reason?
				Applies if: DT06_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T
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DT06_SRC	227-228	2	N	DA21. Which of these (on card) best describes the source of your high fiber diet?
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Applies if: DT06_YN = 1

- 1 = Organized weight loss program
- 2 = Doctor or dietitian
- 3 = Something you read or heard about
- 4 = Something you made up
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

DT07_YN	229	1	N	DA19. Which of these diets (from card) are you on - diabetic diet?
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Applies if: DT_ANY = 1

- 1 = Yes
- * 2 = No
- * 8 = Don't know
- * 9 = Not ascertained
- Blank = Not applicable
- * Skip DT07_R01 - DT07_SRC.

DT07_R01	230	1	N	DA20. Are you on this diabetic diet because doctor or dietician suggested or prescribed it?
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Applies if: DT07_YN = 1

- 1 = Yes
- 2 = No
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT07_R02	231	1	N	DA20. Are you on this diabetic diet because medical condition runs in your family? Applies if: DT07_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT07_R03	232	1	N	DA20. Are you on this diabetic diet because you joined another person on his or her diet? Applies if: DT07_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT07_R04	233	1	N	DA20. Are you on this diabetic diet because you want to maintain or improve your health? Applies if: DT07_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT07_R05	234	1	N	DA20. Are you on this diabetic diet because you want to lose weight? Applies if: DT07_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT07_R06	235	1	N	DA20. Are you on this diabetic diet because of an existing medical condition? Applies if: DT07_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT07_R07	236	1	N	DA20. Are you on this diabetic diet because of some other reason? Applies if: DT07_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT07_SRC	237-238	2	N	DA21. Which of these (on card) best describes the source of your diabetic diet? Applies if: DT07_YN = 1 1 = Organized weight loss program 2 = Doctor or dietitian 3 = Something you read or heard about 4 = Something you made up 96 = Other 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT08_YN	239	1	N	DA19. Which of these diets (from card) are you on - weight gain diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT08_R01 - DT08_SRC.
DT08_R01	240	1	N	DA20. Are you on this weight gain diet because a doctor or dietician suggested or prescribed it? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT08_R02	241	1	N	DA20. Are you on this weight gain diet because a medical condition runs in your family? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT08_R03	242	1	N	DA20. Are you on this weight gain diet because you joined another person on his or her diet? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT08_R04	243	1	N	DA20. Are you on this weight gain diet because you want to maintain or improve your health? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT08_R05	244	1	N	DA20. Are you on this weight gain diet because you want to lose weight? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT08_R06	245	1	N	DA20. Are you on this weight gain diet because of an existing medical condition? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT08_R07	246	1	N	DA20. Are you on this weight gain diet because of some other reason? Applies if: DT08_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT08_SRC	247-248	2	N	DA21. Which of these (on card) best describes the source of your weight gain diet Applies if: DT08_YN = 1 1 = Organized weight loss program 2 = Doctor or dietitian 3 = Something you read or heard about 4 = Something you made up 96 = Other 98 = Don't know 99 = Not ascertained Blank = Not applicable
DT09_YN	249	1	N	DA19. Which of these diets (from card) are you on - hypoglycemic diet? Applies if: DT_ANY = 1 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip DT09_R01 - DT09_SRC.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT09_R01	250	1	N	DA20. Are you on this hypoglycemic diet because a doctor or dietician suggested or prescribed it? Applies if: DT09_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT09_R02	251	1	N	DA20. Are you on this hypoglycemic diet because a medical condition runs in your family? Applies if: DT09_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT09_R03	252	1	N	DA20. Are you on this hypoglycemic diet because you joined another person on his or her diet? Applies if: DT09_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT09_R04	253	1	N	DA20. Are you on this hypoglycemic diet because you want to maintain or improve your health?
				Applies if: DT09_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT09_R05	254	1	N	DA20. Are you on this hypoglycemic diet because you want to lose weight?
				Applies if: DT09_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT09_R06	255	1	N	DA20. Are you on this hypoglycemic diet because of an existing medical condition?
				Applies if: DT09_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT09_R07	256	1	N	DA20. Are you on this hypoglycemic diet because of some other reason?
				Applies if: DT09_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT09_SRC	257-258	2	N	DA21. Which of these (on card) best describes the source of your hypoglycemic diet?
				Applies if: DT09_YN = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable
DT10_YN	259	1	N	DA19. Which of these diets (from card) are you on - ulcer (bland) diet?
				Applies if: DT_ANY = 1
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				Blank = Not applicable
				* Skip DT10_R01 - DT10_SRC.
DT10_R01	260	1	N	DA20. Are you on this ulcer (bland) diet because a doctor or dietician suggested or prescribed it?
				Applies if: DT10_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT10_R02	261	1	N	DA20. Are you on this ulcer (bland) diet because a medical condition runs in your family? Applies if: DT10_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT10_R03	262	1	N	DA20. Are you on this ulcer (bland) diet because you joined another person on his or her diet? Applies if: DT10_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT10_R04	263	1	N	DA20. Are you on this ulcer (bland) diet because you want to maintain or improve your health? Applies if: DT10_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT10_R05	264	1	N	DA20. Are you on this ulcer (bland) diet because you want to lose weight?
				Applies if: DT10_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT10_R06	265	1	N	DA20. Are you on this ulcer (bland) diet because of an existing medical condition?
				Applies if: DT10_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DT10_R07	266	1	N	DA20. Are you on this ulcer (bland) diet because of some other reason?
				Applies if: DT10_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT10_SRC	267-268	2	N	DA21. Which of these (on card) best describes the source of your ulcer (bland) diet?
				Applies if: DT10_YN = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable
DT11_YN	269	1	N	DA19. Which of these diets (from card) are you on - other diet?
				Applies if: DT_ANY = 1
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				Blank = Not applicable
				* Skip DT11_R01 - DT11_SRC.
DT11_R01	270	1	N	DA20. Are you on this other diet because a doctor or dietician suggested or prescribed it?
				Applies if: DT11_YN = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT11_R02	271	1	N	DA20. Are you on this other diet because a medical condition runs in your family? Applies if: DT11_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT11_R03	272	1	N	DA20. Are you on this other diet because you joined another person on his or her diet? Applies if: DT11_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT11_R04	273	1	N	DA20. Are you on this other diet because you want to maintain or improve your health? Applies if: DT11_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT11_R05	274	1	N	DA20. Are you on this other diet because you want to lose weight? Applies if: DT11_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DT11_R06	275	1	N	DA20. Are you on this other diet because of an existing medical condition? Applies if: DT11_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT11_R07	276	1	N	DA20. Are you on this other diet because of some other reason? Applies if: DT11_YN = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
DT11_SRC	277-278	2	N	DA21. Which of these (on card) best describes the source of your other diet? Applies if: DT11_YN = 1 1 = Organized weight loss program 2 = Doctor or dietitian 3 = Something you read or heard about 4 = Something you made up 96 = Other 98 = Don't know 99 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VEGET	279	1	N	DA22. Do you consider yourself to be a vegetarian? Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained
VT_FREQ	280	1	N	DA23. How often, if at all, do you take any vitamin supplement in pill or liquid form? Would you say every day or almost every day, every so often, or not at all? Applies to all records. 1 = Every day or almost every day 2 = Every so often * 3 = Not at all * 8 = Don't know 9 = Not ascertained * Skip VT_MULT - VT_SNG26.
VT_MULT	281	1	N	DA24. Which of these types of supplements (from card) do you usually take - multivitamin? Applies if: VT_FREQ = 1, 2, 9 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_MULT2	282	1	N	DA24. Which of these types of supplements (from card) do you usually take - multivitamin with iron or other minerals? Applies if: VT_FREQ = 1, 2, 9 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_CIRON	283	1	N	DA24. Which of these types of supplements (from card) do you usually take - Vitamin C and iron? Applies if: VT_FREQ = 1, 2, 9 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNGL	284	1	N	DA24. Which of these types of supplements (from card) do you usually take - single vitamins or minerals? Applies if: VT_FREQ = 1, 2, 9 1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable * Skip VT_SNG01 - VT_SNG26.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG01	285	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - vitamin A? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG02	286	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - vitamin B / B complex? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG03	287	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - vitamin C? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG04	288	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - vitamin D? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG05	289	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - vitamin E? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG06	290	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - calcium? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG07	291	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - folacin? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG08	292	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - fluoride? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG09	293	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - iron? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG10	294	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - zinc? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG11	295	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - selenium? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG12	296	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - chromium? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG13	297	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - beta carotene?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG14	298	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - biotin?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG15	299	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - boron?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG16	300	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - chloride?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG17	301	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - copper?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG18	302	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - iodine?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG19	303	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - magnesium?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG20	304	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - molybdenum?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG21	305	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - pantothenic acid?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG22	306	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - phosphorus?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG23	307	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - potassium?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
VT_SNG24	308	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - sodium?
				Applies if: VT_SNGL = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
VT_SNG25	309	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - vitamin K? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
VT_SNG26	310	1	N	DA25. Which of these single vitamins and minerals (from card) do you usually take - other? Applies if: VT_SNGL = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
	311-313	3		Blank
FISH_OIL	314	1	N	DA26. Do you take a fish oil supplement? Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained
FIBER	315	1	N	DA27. Do you take a fiber supplement? Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
CHOL_CHK	316	1	N	DA28. Have you ever had your blood cholesterol checked? Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained
HGT_SP	317-318	2	N	DA29. How tall are you without shoes? Note: Answers were recorded in feet and inches and converted to inches. Applies to all records. 1 - 95 = Inches 97 = Refused 98 = Don't know 99 = Not ascertained
WGT_SP	319-321	3	N	DA30. How much do you weigh without shoes? Applies to all records. 1 - 995 = Pounds 997 = Refused 998 = Don't know 999 = Not ascertained
BMI_SP	322-326	5	N2	Body mass index. Note: BMI is the ratio of the weight (WGT_SP) in kilograms to the square of the height (HGT_SP) in meters. Applies to all records. 1.00 - 99.00 = BMI 99.99 = Indeterminable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
HEALTH	327	1	N	DA31. In general, would you say your health is excellent, very good, good, fair, or poor? Applies to all records. 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor 8 = Don't know 9 = Not ascertained
ALLERGY	328	1	N	DA32. Do you have any food allergies that make it necessary to avoid certain foods? Applies to all records. 1 = Yes * 2 = No * 8 = Don't know * 9 = Not applicable * Skip ALLERG01 - ALLERG20.
ALLERG01	329	1	N	DA33. What food allergies do you have - wheat? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
ALLERG02	330	1	N	DA33. What food allergies do you have - cow's milk?
				Applies if: ALLERGY = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
ALLERG03	331	1	N	DA33. What food allergies do you have - eggs?
				Applies if: ALLERGY = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
ALLERG04	332	1	N	DA33. What food allergies do you have - fish or shellfish?
				Applies if: ALLERGY = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
ALLERG05	333	1	N	DA33. What food allergies do you have - corn?
				Applies if: ALLERGY = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
ALLERG06	334	1	N	DA33. What food allergies do you have - peanuts? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG07	335	1	N	DA33. What food allergies do you have - other nuts? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG08	336	1	N	DA33. What food allergies do you have - soy products? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG09	337	1	N	DA33. What food allergies do you have - chocolate? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
ALLERG10	338	1	N	DA33. What food allergies do you have - other dairy? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG11	339	1	N	DA33. What food allergies do you have - other vegetables? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG12	340	1	N	DA33. What food allergies do you have - specified fruits? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG13	341	1	N	DA33. What food allergies do you have - pork? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
ALLERG14	342	1	N	DA33. What food allergies do you have - red wine / other alcoholic beverages? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG15	343	1	N	DA33. What food allergies do you have - food additives (including artificial sweeteners, flavor enhancers, ...)? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG16	344	1	N	DA33. What food allergies do you have - other meats? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALLERG17	345	1	N	DA33. What food allergies do you have - specified spices? Applies if: ALLERGY = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
ALLERG18	346	1	N	DA33. What food allergies do you have - other?
				Applies if: ALLERGY = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DOCTOR1	347	1	N	DA34. Has a doctor ever told you that you have: diabetes?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DOCTOR2	348	1	N	DA34. Has a doctor ever told you that you have: high blood pressure (hypertension)?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DOCTOR3	349	1	N	DA34. Has a doctor ever told you that you have: heart disease?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
DOCTOR4	350	1	N	DA34. Has a doctor ever told you that you have: cancer?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DOCTOR5	351	1	N	DA34. Has a doctor ever told you that you have: osteoporosis?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DOCTOR6	352	1	N	DA34. Has a doctor ever told you that you have: high blood cholesterol?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
DOCTOR7	353	1	N	DA34. Has a doctor ever told you that you have: stroke?
				Applies to all records.
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T
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EXERCISE	354	1	N	DA36. How often do you exercise vigorously enough to work up a sweat?
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Note: questions DA36 - DA41 were asked only of sample persons 12 years of age or older. For SPs under 12 EXERCISE has a value of '7' and the following fields are blank.

Applies to all records.

- 1 = Daily
- 2 = 5 - 6 times per week
- 3 = 2 - 4 times per week
- 4 = Once a week
- 5 = 1 - 3 times per month
- 6 = Rarely or never
- * 7 = Question not asked
- 8 = Don't know
- 9 = Not ascertained

* Skip SMK_100 - ALC_OTHR.

SMK_100	355	1	N	DA37. Have you smoked 100 cigarettes during your entire life?
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Applies if: EXERCISE ne 7

- 1 = Yes
- * 2 = No
- * 7 = Refused
- 8 = Don't know
- * 9 = Not applicable

* Skip SMK_NOW - SMK_DAY.

SMK_NOW	356	1	N	DA38. Do you smoke cigarettes now?
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Applies if: SMK_100 = 1, 8

- 1 = Yes
- * 2 = No
- * 7 = Refused
- * 9 = Not ascertained
- Blank = Not applicable

* Skip SMK_DAY.

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.2 Formats for Each Record Type

9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
SMK_DAY	357-359	3	N	DA39. On average, how many cigarettes per day do you smoke? Applies if: SMK_NOW = 1 0 = Less than 1 per day 1 - 100 = Number per day 997 = Refused 998 = Don't know 999 = Not ascertained Blank = Not applicable
	360-361	2		Blank
ALC_ANY	362	1	N	DA40. During the last 12 months have you consumed any alcoholic beverage (including beer, ale, wine, wine coolers, liquor such as whiskey, rum, gin, and vodka, and mixed drink containing liquor)? Note: questions DA36 - DA41 were asked only of sample persons 12 years of age or older. Applies if: EXERCISE ne 7 1 = Yes * 2 = No * 7 = Refused * 8 = Don't know * 9 = Not applicable * Skip ALC_BEER - ALC_OTHR.
ALC_BEER	363	1	N	DA41. During the past 12 months, have you consumed any: beer or ale? Applies if: ALC_ANY = 1 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
ALC_WINE	364	1	N	DA41. During the past 12 months, have you consumed any: wine or wine coolers? Applies if: ALC_ANY = 1 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALC_LIQR	365	1	N	DA41. During the past 12 months, have you consumed any: liquor such as whiskey, rum, gin, and vodka, and mixed drinks containing liquor? Applies if: ALC_ANY = 1 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained Blank = Not applicable
ALC_OTHR	366	1	N	DA41. During the past 12 months, have you consumed any: other alcoholic beverages? Applies if: ALC_ANY = 1 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_01	367	1	N	DB_17. During the past 12 months have you eaten any artichokes in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_02	368	1	N	DB_17. During the past 12 months have you eaten any asparagus in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_03	369	1	N	DB_17. During the past 12 months have you eaten any broccoli in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_04	370	1	N	DB_17. During the past 12 months have you eaten any brussels sprouts in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_05	371	1	N	DB_17. During the past 12 months have you eaten any cauliflower in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_06	372	1	N	DB_17. During the past 12 months have you eaten any eggplant in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_07	373	1	N	DB_17. During the past 12 months have you eaten any kale in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_08	374	1	N	DB_17. During the past 12 months have you eaten any swiss chard in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_09	375	1	N	DB_17. During the past 12 months have you eaten any okra in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_10	376	1	N	DB_17. During the past 12 months have you eaten any spinach in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_11	377	1	N	DB_17. During the past 12 months have you eaten any summer squash (thin skin) in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_12	378	1	N	DB_17. During the past 12 months have you eaten any winter squash (thick skin) in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_13	379	1	N	DB_17. During the past 12 months have you eaten any sweet potato or yams in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_14	380	1	N	DB_17. During the past 12 months have you eaten any turnips, other than greens, in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_15	381	1	N	DB_17. During the past 12 months have you eaten any avocado or guacamole in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_16	382	1	N	DB_17. During the past 12 months have you eaten any grapefruit, other than juice, in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_17	383	1	N	DB_17. During the past 12 months have you eaten any cantaloupe in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_18	384	1	N	DB_17. During the past 12 months have you eaten any honeydew melon in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_19	385	1	N	DB_17. During the past 12 months have you eaten any watermelon in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_20	386	1	N	DB_17. During the past 12 months have you eaten any nectarines in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_21	387	1	N	DB_17. During the past 12 months have you eaten any pears in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_22	388	1	N	DB_17. During the past 12 months have you eaten any plums in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_23	389	1	N	DB_17. During the past 12 months have you eaten any rhubarb in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
EATEN_24	390	1	N	DB_17. During the past 12 months have you eaten any chicken liver in any form? Applies if: COMP_D2 = 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_25	391	1	N	DB_17. During the past 12 months have you eaten any beef, veal or pork liver in any form?
				Applies if: COMP_D2 = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
EATEN_26	392	1	N	DB_17. During the past 12 months have you eaten any lamb in any form?
				Applies if: COMP_D2 = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable
EATEN_27	393	1	N	DB_17. During the past 12 months have you eaten any shellfish in any form?
				Applies if: COMP_D2 = 1
				1 = Yes
				2 = No
				8 = Don't know
				9 = Not ascertained
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
EATEN_28	394	1	N	<p>DB_17. During the past 12 months have you eaten any fish, other than shellfish or canned fish in any form?</p> <p>Applies if: COMP_D2 = 1</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained Blank = Not applicable</p> <p>* Skip EATEN_29.</p>
EATEN_29	395	1	N	<p>DB_17. If you have eaten any fish, other than shellfish or canned, was any of the fish you ate caught by you or someone you know?</p> <p>Applies if: EATEN_28 = 1</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
D1_LANG	396	1	N	<p>Language of day 1 questionnaire.</p> <p>Applies to all records.</p> <p>1 = English 2 = Spanish</p>
D1_PROXY	397	1	N	<p>Day 1 intake provided by proxy for adult.</p> <p>Applies to all records.</p> <p>1 = Proxy 2 = Not by proxy</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_MAINR	398-399	2	N	DA-A. Who was the main respondent for this interview - day 1?
				Applies to all records.
				1 = Sample person 2 = Mother of SP 3 = Father of SP 4 = Wife of SP 5 = Husband of SP 6 = Daughter of SP 7 = Son of SP 8 = Sister of SP 9 = Brother of SP 10 = Grandparent of SP 11 = Aunt of SP 12 = Uncle of SP 21 = Friend, partner, other unrelated 22 = Translator, not household member 23 = Child care provider, caretaker 24 = Other relative 96 = Other 99 = Not ascertained
D1_SEC01	400	1	N	DA_B. Who else helped in responding for this interview - no one - day 1?
				Applies to all records.
				1 = Yes 2 = No
D1_SEC02	401	1	N	DA_B. Who else helped in responding for this interview - sample person - day 1?
				Applies to all records.
				1 = Yes 2 = No

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_SEC03	402	1	N	<p>DA_B. Who else helped in responding for this interview - mother of sample person - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC04	403	1	N	<p>DA_B. Who else helped in responding for this interview - father of sample person - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC05	404	1	N	<p>DA_B. Who else helped in responding for this interview - wife of sample person - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC06	405	1	N	<p>DA_B. Who else helped in responding for this interview - husband of sample person - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC07	406	1	N	<p>DA_B. Who else helped in responding for this interview - daughter of sample person - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_SEC08	407	1	N	DA_B. Who else helped in responding for this interview - son of sample person - day 1? Applies to all records. 1 = Yes 2 = No
D1_SEC09	408	1	N	DA_B. Who else helped in responding for this interview - sister of sample person - day 1? Applies to all records. 1 = Yes 2 = No
D1_SEC10	409	1	N	DA_B. Who else helped in responding for this interview - brother of sample person - day 1? Applies to all records. 1 = Yes 2 = No
D1_SEC11	410	1	N	DA_B. Who else helped in responding for this interview - grandparent of sample person - day 1? Applies to all records. 1 = Yes 2 = No
D1_SEC12	411	1	N	DA_B. Who else helped in responding for this interview - aunt of sample person - day 1? Applies to all records. 1 = Yes 2 = No

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_SEC13	412	1	N	<p>DA_B. Who else helped in responding for this interview - uncle of sample person - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC14	413	1	N	<p>DA_B. Who else helped in responding for this interview - friend, partner, other non-relative - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC15	414	1	N	<p>DA_B. Who else helped in responding for this interview - translator, not a household member - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC16	415	1	N	<p>DA_B. Who else helped in responding for this interview - child care provider, caretaker - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_SEC17	416	1	N	<p>DA_B. Who else helped in responding for this interview - other relative - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D1_SEC18	417	1	N	<p>DA_B. Who else helped in responding for this interview - other - day 1?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No</p>
D1_DIFF	418	1	N	<p>DA_C. Did you (interviewer) or the respondent have difficulty with this intake interview?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 9 = Not ascertained</p>
D1_HEAR	419	1	N	<p>DA_E. Do you (interviewer) think other people could have heard the answer to questions DA_37 - DA_41?</p> <p>Applies if: AGE >= 12</p> <p>1 = Yes 2 = No 9 = Not ascertained</p>
D1_DATAR	420	1	N	<p>DA_F. Is data retrieval necessary for daycare / baby-sitter / school / or other caretaker?</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 9 = Not ascertained</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_LANG	421	1	N	Day 2: language of questionnaire. Applies if: COMP_D2 = 1 1 = English 2 = Spanish Blank = Not applicable
D2_PROXY	422	1	N	Day 2: intake collected for adult by proxy. Applies if: COMP_D2 = 1 1 = Proxy 2 = Not by proxy Blank = Not applicable
D2_PHONE	423	1	N	Day 2: intake interview done over the telephone. Applies if: COMP_D2 = 1 1 = In person 2 = Telephone Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_MAINR	424-425	2	N	DB-A. Who was the main respondent for this interview - day 2?
				Applies if: COMP_D2 = 1
				1 = Sample person
				2 = Mother of SP
				3 = Father of SP
				4 = Wife of SP
				5 = Husband of SP
				6 = Daughter of SP
				7 = Son of SP
				8 = Sister of SP
				9 = Brother of SP
				10 = Grandparent of SP
				11 = Aunt of SP
				12 = Uncle of SP
				21 = Friend, partner, other unrelated
				22 = Translator, not household member
				23 = Child care provider, caretaker
				24 = Other relative
				96 = Other
				99 = Not ascertained
				Blank = Not applicable
D2_SEC01	426	1	N	DB_B. Who else helped in responding for this interview - no one - day 2?
				Applies if: COMP_D2 = 1
				1 = Yes
				2 = No
				Blank = Not applicable
D2_SEC02	427	1	N	DB_B. Who else helped in responding for this interview - sample person - day 2?
				Applies if: COMP_D2 = 1
				1 = Yes
				2 = No
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_SEC03	428	1	N	DB_B. Who else helped in responding for this interview - mother of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC04	429	1	N	DB_B. Who else helped in responding for this interview - father of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC05	430	1	N	DB_B. Who else helped in responding for this interview - wife of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC06	431	1	N	DB_B. Who else helped in responding for this interview - husband of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_SEC07	432	1	N	DB_B. Who else helped in responding for this interview - daughter of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC08	433	1	N	DB_B. Who else helped in responding for this interview - son of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC09	434	1	N	DB_B. Who else helped in responding for this interview - sister of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC10	435	1	N	DB_B. Who else helped in responding for this interview - brother of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_SEC11	436	1	N	DB_B. Who else helped in responding for this interview - grandparent of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC12	437	1	N	DB_B. Who else helped in responding for this interview - aunt of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC13	438	1	N	DB_B. Who else helped in responding for this interview - uncle of sample person - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC14	439	1	N	DB_B. Who else helped in responding for this interview - friend, partner, other non-relative - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_SEC15	440	1	N	DB_B. Who else helped in responding for this interview - translator, not a household member - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC16	441	1	N	DB_B. Who else helped in responding for this interview - child care provider, caretaker - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC17	442	1	N	DB_B. Who else helped in responding for this interview - other relative - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable
D2_SEC18	443	1	N	DB_B. Who else helped in responding for this interview - other - day 2? Applies if: COMP_D2 = 1 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 19989. FILE FORMATS1998
 9.2 Formats for Each Record Type
 9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
D2_DIFF	444	1	N	DB_C. Did you (interviewer) or the respondent have difficulty with this intake interview? Applies if: COMP_D2 = 1 1 = Yes 2 = No 9 = Not ascertained
D2_DATAR	445	1	N	DB_F. Is data retrieval necessary for daycare / baby-sitter / school / or other caretaker? Applies if: COMP_D2 = 1 1 = Yes 2 = No 9 = Not ascertained
YEAR	446-449	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample 1998 = 1998 sample
WTA_DAY1	450-457	8	N	Final annual day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WTA_2DAY	458-465	8	N	Final annual two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
9.2 Formats for Each Record Type
9.2.3 Record type 25: Sample persons -- continued

Name	Position	W	T	
WT3_DAY1	466-473	8	N	Final 3-year day 1 full sample weight. Applies to all records. 1 - 99999999 = Weight
WT3_2DAY	474-481	8	N	Final 3-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.2 Formats for Each Record Type

9.2.4 Record type 30: Food items (nutrients)

Name	Position	W	T	
RT	1-2	2	N	Record type. Applies to all records. 30 = Record type
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number
LINELET	10	1	A	Line letter. Applies to all records. A - V = Line letter
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count
INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.) Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed. Applies to all records. 0 - 99999 = Dollars 100000 = \$100,000 or more

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T
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INCREP	24	1	N	H52. Type of original response to H52.
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Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

INCCODE	25	1	A
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H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.

Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 0 - 299 = Percentage of the poverty threshold 300 = 300% or more
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
FS_RCV12	31	1	N	<p>H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month).</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained</p>
AGE	32-33	2	N	<p>Age of household member in years.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies to all records.</p> <p>0 = Under 1 year old * 1 - 89 = Age in years * 90 = 90 or older</p> <p>* Skip AGE_M.</p>
AGE_M	34-35	2	N	<p>Age of household member in months. Valid only for children 11 months old or younger.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies if: AGE = 0</p> <p>0 = Less than one month old 1 - 11 = Months of age Blank = Not applicable</p>
SEX	36	1	N	<p>Sex of household member.</p> <p>Applies to all records.</p> <p>1 = Male 2 = Female</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
REL_REF	37-38	2	N	S8. What is your relationship to the reference person? Applies to all records. 0 = Reference person 1 = Spouse 2 = Natural or adopted child; step child 3 = Grandchild 4 = Parent 5 = Brother or sister 6 = Other relative 7 = Foster child 8 = Partner; roommate; girlfriend; boyfriend 9 = Roomer or boarder 10 = Employee 11 = Guest 12 = Other unrelated
RACE	39	1	N	S9. Which of the groups on this card best describes your race? Applies to all records. 1 = White 2 = Black 3 = Asian, Pacific Islander 4 = American Indian, Alaskan native 5 = Other
ORIGIN	40	1	N	S10. Do any of these groups (from a card) represent your national origin? Applies to all records. 1 = Mexican, Mexican American, Chicano 2 = Puerto Rican 3 = Cuban 4 = Other Spanish / Hispanic 5 = None of the above

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
HEAD_HH	41	1	N	Are you considered to be the (male or female) head of household?

Note: From H8 and H9.

Applies to all records.

- 1 = Yes
- 2 = No
- 9 = Not ascertained

PL_STAT	42	1	N	Pregnant / lactating status.
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Note: From questions H26, H27, H29 and H31. Also, these questions were only asked of households with certain characteristics as identified at screening.

Applies to all records.

- 1 = Pregnant
- 2 = Lactating
- 3 = Pregnant and lactating
- 4 = Not pregnant or lactating
- 5 = Not female 10-55

BF_STAT	43	1	N	Breastfeeding status.
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Note: From questions H29 and H30. Also, these questions were only asked of households with children 3 years old or less identified at screening.

Applies to all records.

- 1 = Breastfeeding
- 2 = Not breastfeeding
- 3 = Over 3 years old

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
FS_AUTH	44	1	N	Is this person authorized to receive food stamps at the present time? Note: From questions H60, H61 and H62. Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained
COMP_D1	45	1	N	Is there complete Day 1 intake data for this individual? Applies to all records. 1 = Yes
COMP_D2	46	1	N	Is there complete Day 2 intake data for this individual? Applies to all records. 1 = Yes * 2 = No * Skip WT4_2DAY, WTA_2DAY, WT3_2DAY.
COMP_DHK	47	1	N	Is there a completed DHKS interview for this individual? Applies to all records. 1 = Yes 2 = No
WT4_DAY1	48-55	8	N	Final 4-year day 1 full sample weight. Applies to all records. 1 - 99999999 = Weight

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
WT4_2DAY	56-63	8	N	Final 4-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
DAYCODE	64	1	N	Day 1 / day 2 indicator. Applies to all records. 1 = Day 1 2 = Day 2
SEQNUM	65-66	2	N	Sequential record number. Applies to all records. 1 - 99 = Record number
FOODCODE	67-74	8	N	Food code. See File 4, "Food Codes and Abbreviated Descriptions." Complete documentation for food codes is found in "Food Code and Nutrient Data Base for CSFII 1994-96" available on the CD-ROM. Applies to all records. * 11000000 = Human milk 11100000 - 99999999 = Food code * Skip FOODAMT.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
MODCODE	75-80	6	N	Recipe modification code. Indicates predefined survey recipe was modified to capture some specific information provided by the respondent. See section 3.3, "Data Processing." Modified recipes are found in "Food Code and Nutrient Data Base for CSFII 1994-96" available on the CD-ROM.

Applies to all records.

0 = No modification
 100000 - 999999 = Modification code

FOODAMT	81-88	8	N2	Amount of food in grams.
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Note: there is a non-zero amount for all foods except human milk (FOODCODE = 11000000).

Applies if: FOODCODE > 11000000

0.01 - 99999.99 = Amount in grams
 Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T
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OCC_TIME	89-92	4	N	I2: Time of eating occasion.
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Note: OCC_TIME is formed from OCC_HR, OCC_MIN and OCC_AMPM. It has a value of 9999 if one or more of those three fields is missing.

Applies to all records.

0 - 59 = 12:00 AM - 12:59 AM
100 - 159 = 1:00 AM - 1:59 AM
200 - 259 = 2:00 AM - 2:59 AM
300 - 359 = 3:00 AM - 3:59 AM
400 - 459 = 4:00 AM - 4:59 AM
500 - 559 = 5:00 AM - 5:59 AM
600 - 659 = 6:00 AM - 6:59 AM
700 - 759 = 7:00 AM - 7:59 AM
800 - 859 = 8:00 AM - 8:59 AM
900 - 959 = 9:00 AM - 9:59 AM
1000 - 1059 = 10:00 AM - 10:59 AM
1100 - 1159 = 11:00 AM - 11:59 AM
1200 - 1259 = 12:00 PM - 12:59 PM
1300 - 1359 = 1:00 PM - 1:59 PM
1400 - 1459 = 2:00 PM - 2:59 PM
1500 - 1559 = 3:00 PM - 3:59 PM
1600 - 1659 = 4:00 PM - 4:59 PM
1700 - 1759 = 5:00 PM - 5:59 PM
1800 - 1859 = 6:00 PM - 6:59 PM
1900 - 1959 = 7:00 PM - 7:59 PM
2000 - 2059 = 8:00 PM - 8:59 PM
2100 - 2159 = 9:00 PM - 9:59 PM
2200 - 2259 = 10:00 PM - 10:59 PM
2300 - 2359 = 11:00 PM - 11:59 PM
9999 = Indeterminable

OCC_HR	93-94	2	N	I2: Time of eating occasion - hour.
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Applies to all records.

1 - 12 = Hour
98 = Don't know
99 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
OCC_MIN	95-96	2	N	I2: Time of eating occasion - minute. Applies to all records. 0 - 59 = Minute 98 = Don't know 99 = Not ascertained
OCC_AMPM	97	1	N	I2: Time of eating occasion - am / pm. Applies to all records. 1 = AM 2 = PM 8 = Don't know 9 = Not ascertained
OCC_NAME	98-99	2	N	I3: Name of eating occasion. Applies to all records. 1 = Breakfast 2 = Brunch 3 = Lunch 4 = Dinner 5 = Supper 6 = Food and/or beverage break 7 = Infant feeding (only applicable if AGE <= 3) 95 = Extended eating occasion 96 = Other 98 = Don't know 99 = Not ascertained

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
FOODSRCE	100-101	2	N	I7: Where was the food item obtained?

Applies to all records.

- 1 = Store
- 2 = Restaurant with table service
- 3 = Fast food place, pizza place
- 4 = Bar, tavern, lounge
- 5 = School cafeteria
- 6 = Other cafeteria
- 7 = Vending machine
- 8 = Child care center, family day care home, adult day care
- 9 = Soup kitchen, shelter, food pantry
- 10 = Meals on Wheels
- 11 = Other community food program
- 12 = Grown or caught by you or someone you know
- 13 = Someone else / gift
- 14 = Mail order purchase
- 15 = Common coffee pot or snack tray
- 16 = Residential dining facility
- * 20 = Not applicable, breastfeeding or water as an ingredient
- 71 = Fish or seafood caught by you or someone you know and coming from: freshwater lake, pond, or river
- 72 = Fish or seafood caught by you or someone you know and coming from: ocean
- 73 = Fish or seafood caught by you or someone you know and coming from: bay, sound, or estuary
- 74 = Fish or seafood caught by you or someone you know and coming from: don't know body of water
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained

* Skip EATHOME - EVERHOME.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
EATHOME	102	1	N	I8. Did you eat this food item at home? Applies if: FOODCODE ne 11000000, 94000000 * 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained * Skip EVERHOME.
EVERHOME	103	1	N	I9. Before you ate or drank this food item, was it ever at your home? Applies if: EATHOME > 1 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
COMBNUM	104-105	2	N	Combination number. Each separate set of food items in combination are given a unique number. Applies to all records. * 0 = Not part of a combination 1 - 25 = Number * Skip COMBTYP.

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
COMBTYPE	106-107	2	N	Combination type.

Applies if: COMBNUM > 0

- 1 = Beverage
- 2 = Cereal
- 3 = Bread / baked product
- 4 = Salad
- 5 = Sandwich
- 6 = Soup
- 7 = Frozen meal
- 8 = Ice cream / frozen yogurt
- 9 = Vegetable
- 10 = Fruit
- 99 = Other mixtures
- Blank = Not applicable

SALTUSED	108	1	N	I4. Was salt used in cooking or in preparation of this food item?
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Applies to all records.

- 0 = Salt use not probed for this food
- 1 = Yes
- 2 = No
- 3 = Salt substitute used
- 8 = Don't know
- 9 = Not ascertained

HOWMANY	109-116	8	N3	I4/5. Number of original units of measure.
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Applies to all records.

0.001 - 9999.999

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
MEASURE	117-118	2	A	I4/5. Common unit of measure. Applies to all records. C = Cup FO = Fluid ounce GA = Gallon GM = Gram L = Liter LB = Pound ML = Milliliter PT = Pint QT = Quart RC = Ruler circle RR = Ruler rectangle RT = Ruler triangle RW = Ruler wedge TB = Tablespoon TS = Teaspoon WO = Weight ounce XX = Not applicable, refer to MEASRNUM
MEASRNUM	119-123	5	N	I4/5. Measure description number. Indicates unit of measure. Provides link to gram weights. See the "Measure Description File" and the "Gram Weight File" in "Food Code and Nutrient Data Base for CSFII 1994-96" available on the CD-ROM. Applies to all records. 00000 = Not applicable, MEASURE was GM, LB or WO 1 - 99999 = Code
SUBCODE	124-130	7	N	Subcode. Additional identifier of brand for a limited number of foods. See the "Subcode File" in "Food Code and Nutrient Data Base for CSFII 1994-96" available on the CD-ROM. Applies to all records. 0 = Subcode not used 1000001 - 1000999 = Subcode

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
ENERGY	131-140	10	N3	Food energy - kilocalories
				Note: No nutrients are provided if FOODCODE = 11000000, human milk. ENERGY - WATER are blank in such cases.
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
PROTEIN	141-150	10	N3	Protein - grams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
TFAT	151-160	10	N3	Total fat - grams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
SFAT	161-170	10	N3	Saturated fatty acids - grams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
MFAT	171-180	10	N3	Monounsaturated fatty acids - grams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
PFAT	181-190	10	N3	Polyunsaturated fatty acids - grams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
CHOLE	191-200	10	N3	Cholesterol - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
CARBO	201-210	10	N3	Total carbohydrate - grams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
FIBER	211-220	10	N3	Dietary fiber - grams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
VITA_IU	221-230	10	N3	Vitamin A - IU (International Units) Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
VITA_RE	231-240	10	N3	Vitamin A - RE - micrograms retinol equivalents Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
CARO	241-250	10	N3	Carotene - RE - micrograms retinol equivalents Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
VITE	251-260	10	N3	Vitamin E - milligrams alpha-tocopherol equivalents Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
VITC	261-270	10	N3	Vitamin C - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
THIAMIN	271-280	10	N3	Thiamin - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
RIBO	281-290	10	N3	Riboflavin - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
NIACIN	291-300	10	N3	Niacin (preformed) - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
VITB6	301-310	10	N3	Vitamin B6 - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
FOLATE	311-320	10	N3	Folate - micrograms
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
VITB12	321-330	10	N3	Vitamin B12 - micrograms
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
CALCIUM	331-340	10	N3	Calcium - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
PHOS	341-350	10	N3	Phosphorus - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
MAGNES	351-360	10	N3	Magnesium - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
IRON	361-370	10	N3	Iron - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
ZINC	371-380	10	N3	Zinc - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
COPPER	381-390	10	N3	Copper - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
SODIUM	391-400	10	N3	Sodium - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
POTASS	401-410	10	N3	Potassium - milligrams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable
ALCOHOL	411-420	10	N3	Alcohol (ethanol) - grams
				Applies if: FOODCODE > 11000000
				0.000 - 999999.999 = Amount
				Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
WATER	421-430	10	N3	Water - grams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
CALEQ	431-438	8	N2	Dairy products in terms of calcium equivalentents - milligrams. Note: applies only to dairy products excluding human milk. Blank if FOODCODE is not in the range 11100000 - 19999999. Applies if: 11000000 < FOODCODE < 20000000 0.00 - 99999.99 = Amount Blank = Not applicable
FA4_0	439-445	7	N3	Fatty acid 4:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA6_0	446-452	7	N3	Fatty acid 6:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA8_0	453-459	7	N3	Fatty acid 8:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
FA10_0	460-466	7	N3	Fatty acid 10:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA12_0	467-473	7	N3	Fatty acid 12:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA14_0	474-480	7	N3	Fatty acid 14:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA16_0	481-487	7	N3	Fatty acid 16:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA18_0	488-494	7	N3	Fatty acid 18:0 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA16_1	495-501	7	N3	Fatty acid 16:1 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
FA18_1	502-508	7	N3	Fatty acid 18:1 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA20_1	509-515	7	N3	Fatty acid 20:1 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA22_1	516-522	7	N3	Fatty acid 22:1 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA18_2	523-529	7	N3	Fatty acid 18:2 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA18_3	530-536	7	N3	Fatty acid 18:3 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA18_4	537-543	7	N3	Fatty acid 18:4 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
FA20_4	544-550	7	N3	Fatty acid 20:4 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA20_5	551-557	7	N3	Fatty acid 20:5 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA22_5	558-564	7	N3	Fatty acid 22:5 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
FA22_6	565-571	7	N3	Fatty acid 22:6 - grams Applies if: FOODCODE > 11000000 0.000 - 999.999 = Amount Blank = Not applicable
CAFFEINE	572-581	10	N3	Caffeine - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
THEOBROM	582-591	10	N3	Theobromine - milligrams Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.4 Record type 30: Food items (nutrients) -- continued

Name	Position	W	T	
SELENIUM	592-601	10	N3	Selenium - micrograms Applies if: FOODCODE > 11000000 0.000 - 999999.999 = Amount Blank = Not applicable
YEAR	602-605	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample 1998 = 1998 sample
WTA_DAY1	606-613	8	N	Final annual day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WTA_2DAY	614-621	8	N	Final annual two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_DAY1	622-629	8	N	Final 3-year day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_2DAY	630-637	8	N	Final 3-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups

Name	Position	W	T
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RT	1-2	2	N	Record type. Applies to all records. 35 = Record type
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number
LINELET	10	1	A	Line letter. Applies to all records. A - V = Line letter
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count
INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.) Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed. Applies to all records. 0 - 99999 = Dollars 100000 = \$100,000 or more

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T
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INCREP	24	1	N	H52. Type of original response to H52.
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Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

INCCODE	25	1	A
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H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.

Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 0 - 299 = Percentage of the poverty threshold 300 = 300% or more
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
FS_RCV12	31	1	N	<p>H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month).</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained</p>
AGE	32-33	2	N	<p>Age of household member in years.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies to all records.</p> <p>0 = Under 1 year old * 1 - 89 = Age in years * 90 = 90 or older</p> <p>* Skip AGE_M.</p>
AGE_M	34-35	2	N	<p>Age of household member in months. Valid only for children 11 months old or younger.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies if: AGE = 0</p> <p>0 = Less than one month old 1 - 11 = Months of age Blank = Not applicable</p>
SEX	36	1	N	<p>Sex of household member.</p> <p>Applies to all records.</p> <p>1 = Male 2 = Female</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
REL_REF	37-38	2	N	<p>S8. What is your relationship to the reference person?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 0 = Reference person 1 = Spouse 2 = Natural or adopted child; step child 3 = Grandchild 4 = Parent 5 = Brother or sister 6 = Other relative 7 = Foster child 8 = Partner; roommate; girlfriend; boyfriend 9 = Roomer or boarder 10 = Employee 11 = Guest 12 = Other unrelated
RACE	39	1	N	<p>S9. Which of the groups on this card best describes your race?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 1 = White 2 = Black 3 = Asian, Pacific Islander 4 = American Indian, Alaskan native 5 = Other
ORIGIN	40	1	N	<p>S10. Do any of these groups (from a card) represent your national origin?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 1 = Mexican, Mexican American, Chicano 2 = Puerto Rican 3 = Cuban 4 = Other Spanish / Hispanic 5 = None of the above

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
HEAD_HH	41	1	N	Are you considered to be the (male or female) head of household?

Note: From H8 and H9.

Applies to all records.

- 1 = Yes
- 2 = No
- 9 = Not ascertained

PL_STAT	42	1	N	Pregnant / lactating status.
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Note: From questions H26, H27, H29 and H31. Also, these questions were only asked of households with certain characteristics as identified at screening.

Applies to all records.

- 1 = Pregnant
- 2 = Lactating
- 3 = Pregnant and lactating
- 4 = Not pregnant or lactating
- 5 = Not female 10-55

BF_STAT	43	1	N	Breastfeeding status.
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Note: From questions H29 and H30. Also, these questions were only asked of households with children 3 years old or less identified at screening.

Applies to all records.

- 1 = Breastfeeding
- 2 = Not breastfeeding
- 3 = Over 3 years old

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
FS_AUTH	44	1	N	Is this person authorized to receive food stamps at the present time? Note: From questions H60, H61 and H62. Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained
COMP_D1	45	1	N	Is there complete Day 1 intake data for this individual? Applies to all records. 1 = Yes
COMP_D2	46	1	N	Is there complete Day 2 intake data for this individual? Applies to all records. 1 = Yes * 2 = No * Skip WT4_2DAY, WTA_2DAY, WT3_2DAY.
COMP_DHK	47	1	N	Is there a completed DHKS interview for this individual? Applies to all records. 1 = Yes 2 = No
WT4_DAY1	48-55	8	N	Final 4-year day 1 full sample weight. Applies to all records. 1 - 99999999 = Weight

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
WT4_2DAY	56-63	8	N	Final 4-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
DAYCODE	64	1	N	Day 1 / day 2 / average indicator. Note: there is one record per SP per day of intake. Where two days were reported there is also a third record containing daily averages. Applies to all records. 1 = Day 1 2 = Day 2 4 = Average of day 1 and day 2
BMILK	65	1	N	Breast milk consumption flag. Indicates that human milk (FOODCODE = 11000000) was reported at least once on the given day or, in the case of an average record, on either day. The daily nutrient totals or averages on record type 40 do not include the contribution from these reports. The milk fields on record type 35 also do not include any contribution from these reports. Applies to all records. 0 = No breast milk consumed 1 = Breast milk consumed
GRAIN0	66-73	8	N2	Total grain products. Note: These fields contain the daily total amount of foods reported from each group. All amounts are in grams. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
GRAIN1	74-81	8	N2	Total yeast breads and rolls.. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN2	82-89	8	N2	Total cereals and pasta. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN21	90-97	8	N2	Ready-to-eat cereals. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN22	98-105	8	N2	Rice. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN23	106-113	8	N2	Pasta. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN3	114-121	8	N2	Quick breads, pancakes, french toast. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN4	122-129	8	N2	Cakes, cookies, pastries, pies. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
GRAIN5	130-137	8	N2	Crackers, popcorn, pretzels, corn chips. Applies to all records. 0.00 - 99999.99 = Amount in grams
GRAIN6	138-145	8	N2	Mixtures mainly grain. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG0	146-153	8	N2	Total vegetables. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG1	154-161	8	N2	White potatoes. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG11	162-169	8	N2	Fried potatoes. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG2	170-177	8	N2	Dark green vegetables. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG3	178-185	8	N2	Deep yellow vegetables. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
VEG4	186-193	8	N2	Tomatoes. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG5	194-201	8	N2	Lettuce. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG6	202-209	8	N2	Green beans. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG7	210-217	8	N2	Corn, green peas, lima beans. Applies to all records. 0.00 - 99999.99 = Amount in grams
VEG8	218-225	8	N2	Other vegetables. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT0	226-233	8	N2	Total fruits. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT1	234-241	8	N2	Total citrus fruits and juices. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
FRUIT11	242-249	8	N2	Citrus juices. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT2	250-257	8	N2	Dried fruit. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT3	258-265	8	N2	Total other fruits, mixtures, juices. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT31	266-273	8	N2	Apples. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT32	274-281	8	N2	Bananas. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT33	282-289	8	N2	Melons and berries. Applies to all records. 0.00 - 99999.99 = Amount in grams
FRUIT34	290-297	8	N2	Other fruits and mixtures mainly fruit. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
FRUIT35	298-305	8	N2	Noncitrus juices and nectars. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK0	306-313	8	N2	Total milk and milk products (g). Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK0C	314-321	8	N2	Total milk and milk products (cal eq). Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK1	322-329	8	N2	Total milk, milk drinks, yogurt. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK11	330-337	8	N2	Total fluid milk. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK111	338-345	8	N2	Whole milk. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK112	346-353	8	N2	Lowfat milk. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
MILK113	354-361	8	N2	Skim milk. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK2	362-369	8	N2	Yogurt. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK3	370-377	8	N2	Milk desserts. Applies to all records. 0.00 - 99999.99 = Amount in grams
MILK4	378-385	8	N2	Cheese. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT0	386-393	8	N2	Total meat, poultry, fish. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT1	394-401	8	N2	Beef. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT2	402-409	8	N2	Pork. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
MEAT3	410-417	8	N2	Lamb, veal, game. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT4	418-425	8	N2	Organ meats. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT5	426-433	8	N2	Frankfurters, sausages, luncheon meats. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT6	434-441	8	N2	Total poultry. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT61	442-449	8	N2	Chicken. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT7	450-457	8	N2	Fish and shellfish. Applies to all records. 0.00 - 99999.99 = Amount in grams
MEAT8	458-465	8	N2	Mixtures mainly meat, poultry, fish. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
EGG0	466-473	8	N2	Eggs. Applies to all records. 0.00 - 99999.99 = Amount in grams
LEGUME0	474-481	8	N2	Legumes. Applies to all records. 0.00 - 99999.99 = Amount in grams
NUTSEED0	482-489	8	N2	Nuts and seeds. Applies to all records. 0.00 - 99999.99 = Amount in grams
FAT0	490-497	8	N2	Total fats and oils. Applies to all records. 0.00 - 99999.99 = Amount in grams
FAT1	498-505	8	N2	Table fats. Applies to all records. 0.00 - 99999.99 = Amount in grams
FAT2	506-513	8	N2	Salad dressings. Applies to all records. 0.00 - 99999.99 = Amount in grams
SUGAR0	514-521	8	N2	Total sugars and sweets. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
SUGAR1	522-529	8	N2	Sugars. Applies to all records. 0.00 - 99999.99 = Amount in grams
SUGAR2	530-537	8	N2	Candy. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV0	538-545	8	N2	Total beverages. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV1	546-553	8	N2	Total alcoholic beverages. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV11	554-561	8	N2	Wine. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV12	562-569	8	N2	Beer and ale. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV2	570-577	8	N2	Total nonalcoholic beverages. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
BEV21	578-585	8	N2	Coffee. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV22	586-593	8	N2	Tea. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV23	594-601	8	N2	Total fruit drinks and ades. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV231	602-609	8	N2	Regular fruit drinks and ades. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV232	610-617	8	N2	Low-calorie fruit drinks and ades. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV24	618-625	8	N2	Total carbonated soft drinks. Applies to all records. 0.00 - 99999.99 = Amount in grams
BEV241	626-633	8	N2	Regular carbonated soft drinks. Applies to all records. 0.00 - 99999.99 = Amount in grams

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.5 Record type 35: Food groups -- continued

Name	Position	W	T	
BEV242	634-641	8	N2	Low-calorie carbonated soft drinks. Applies to all records. 0.00 - 99999.99 = Amount in grams
YEAR	642-645	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample 1998 = 1998 sample
WTA_DAY1	646-653	8	N	Final annual day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WTA_2DAY	654-661	8	N	Final annual two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_DAY1	662-669	8	N	Final 3-year day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_2DAY	670-677	8	N	Final 3-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients

Name	Position	W	T	
RT	1-2	2	N	Record type. Applies to all records. 40 = Record type
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number
LINELET	10	1	A	Line letter. Applies to all records. A - V = Line letter
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count
INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.) Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed. Applies to all records. 0 - 99999 = Dollars 100000 = \$100,000 or more

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T
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INCREP	24	1	N	H52. Type of original response to H52.
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Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

INCCODE	25	1	A	H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.
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Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 0 - 299 = Percentage of the poverty threshold 300 = 300% or more
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
FS_RCV12	31	1	N	<p>H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month).</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained</p>
AGE	32-33	2	N	<p>Age of household member in years.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies to all records.</p> <p>0 = Under 1 year old * 1 - 89 = Age in years * 90 = 90 or older</p> <p>* Skip AGE_M.</p>
AGE_M	34-35	2	N	<p>Age of household member in months. Valid only for children 11 months old or younger.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies if: AGE = 0</p> <p>0 = Less than one month old 1 - 11 = Months of age Blank = Not applicable</p>
SEX	36	1	N	<p>Sex of household member.</p> <p>Applies to all records.</p> <p>1 = Male 2 = Female</p>

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
REL_REF	37-38	2	N	<p>S8. What is your relationship to the reference person?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 0 = Reference person 1 = Spouse 2 = Natural or adopted child; step child 3 = Grandchild 4 = Parent 5 = Brother or sister 6 = Other relative 7 = Foster child 8 = Partner; roommate; girlfriend; boyfriend 9 = Roomer or boarder 10 = Employee 11 = Guest 12 = Other unrelated
RACE	39	1	N	<p>S9. Which of the groups on this card best describes your race?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 1 = White 2 = Black 3 = Asian, Pacific Islander 4 = American Indian, Alaskan native 5 = Other
ORIGIN	40	1	N	<p>S10. Do any of these groups (from a card) represent your national origin?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 1 = Mexican, Mexican American, Chicano 2 = Puerto Rican 3 = Cuban 4 = Other Spanish / Hispanic 5 = None of the above

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
HEAD_HH	41	1	N	Are you considered to be the (male or female) head of household?

Note: From H8 and H9.

Applies to all records.

- 1 = Yes
- 2 = No
- 9 = Not ascertained

PL_STAT	42	1	N	Pregnant / lactating status.
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Note: From questions H26, H27, H29 and H31. Also, these questions were only asked of households with certain characteristics as identified at screening.

Applies to all records.

- 1 = Pregnant
- 2 = Lactating
- 3 = Pregnant and lactating
- 4 = Not pregnant or lactating
- 5 = Not female 10-55

BF_STAT	43	1	N	Breastfeeding status.
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Note: From questions H29 and H30. Also, these questions were only asked of households with children 3 years old or less identified at screening.

Applies to all records.

- 1 = Breastfeeding
- 2 = Not breastfeeding
- 3 = Over 3 years old

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
FS_AUTH	44	1	N	Is this person authorized to receive food stamps at the present time? Note: From questions H60, H61 and H62. Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained
COMP_D1	45	1	N	Is there complete Day 1 intake data for this individual? Applies to all records. 1 = Yes
COMP_D2	46	1	N	Is there complete Day 2 intake data for this individual? Applies to all records. 1 = Yes * 2 = No * Skip WT4_2DAY, WTA_2DAY, WT3_2DAY.
COMP_DHK	47	1	N	Is there a completed DHKS interview for this individual? Applies to all records. 1 = Yes 2 = No
WT4_DAY1	48-55	8	N	Final 4-year day 1 full sample weight. Applies to all records. 1 - 99999999 = Weight

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
WT4_2DAY	56-63	8	N	Final 4-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
DAYCODE	64	1	N	Day 1 / day 2 / average indicator. Note: there is one record per SP per day of intake. Where two days were reported there is also a third record containing daily averages. Applies to all records. 1 = Day 1 2 = Day 2 4 = Average of day 1 and day 2
BMILK	65	1	N	Breast milk consumption flag. Indicates that human milk (FOODCODE = 11000000) was reported at least once on the given day or, in the case of an average record, on either day. The daily nutrient totals or averages on record type 40 do not include the contribution from these reports. The milk fields on record type 35 also do not include any contribution from these reports. Applies to all records. 0 = No breast milk consumed 1 = Breast milk consumed
R_ENERGY	66-72	7	N1	Nutrient intake expressed as a percentage of the RDA: food energy. Applies to all records. 0.0 - 99999.9 = Percentage

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
R_PROT	73-79	7	N1	Nutrient intake expressed as a percentage of the RDA: protein. Applies to all records. 0.0 - 99999.9 = Percentage
R_VITAIU	80-86	7	N1	Nutrient intake expressed as a percentage of the RDA: vitamin A - IU. Applies to all records. 0.0 - 99999.9 = Percentage
R_VITARE	87-93	7	N1	Nutrient intake expressed as a percentage of the RDA: vitamin A - RE. Applies to all records. 0.0 - 99999.9 = Percentage
R_VITE	94-100	7	N1	Nutrient intake expressed as a percentage of the RDA: vitamin E. Applies to all records. 0.0 - 99999.9 = Percentage
R_VITC	101-107	7	N1	Nutrient intake expressed as a percentage of the RDA: vitamin C. Applies to all records. 0.0 - 99999.9 = Percentage
R_THIAMN	108-114	7	N1	Nutrient intake expressed as a percentage of the RDA: thiamin. Applies to all records. 0.0 - 99999.9 = Percentage

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
R_RIBO	115-121	7	N1	Nutrient intake expressed as a percentage of the RDA: riboflavin. Applies to all records. 0.0 - 99999.9 = Percentage
R_NIACIN	122-128	7	N1	Nutrient intake expressed as a percentage of the RDA: niacin (preformed). Applies to all records. 0.0 - 99999.9 = Percentage
R_VITB6	129-135	7	N1	Nutrient intake expressed as a percentage of the RDA: vitamin B6. Applies to all records. 0.0 - 99999.9 = Percentage
R_FOLATE	136-142	7	N1	Nutrient intake expressed as a percentage of the RDA: folate. Applies to all records. 0.0 - 99999.9 = Percentage
R_VITB12	143-149	7	N1	Nutrient intake expressed as a percentage of the RDA: vitamin B12. Applies to all records. 0.0 - 99999.9 = Percentage
R_CALC	150-156	7	N1	Nutrient intake expressed as a percentage of the RDA: calcium. Applies to all records. 0.0 - 99999.9 = Percentage

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
R_PHOS	157-163	7	N1	Nutrient intake expressed as a percentage of the RDA: phosphorus. Applies to all records. 0.0 - 99999.9 = Percentage
R_MAGNES	164-170	7	N1	Nutrient intake expressed as a percentage of the RDA: magnesium. Applies to all records. 0.0 - 99999.9 = Percentage
R_IRON	171-177	7	N1	Nutrient intake expressed as a percentage of the RDA: iron. Applies to all records. 0.0 - 99999.9 = Percentage
R_ZINC	178-184	7	N1	Nutrient intake expressed as a percentage of the RDA: zinc. Applies to all records. 0.0 - 99999.9 = Percentage
	185-189	5		Blank
ENERGY	190-199	10	N3	Food energy - kilocalories Note: These fields contain the daily total amount of each nutrient or dietary component contained in the foods reported. See the description of each field for the unit of measure. Applies to all records. 0.000 - 999999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
PROTEIN	200-209	10	N3	Protein - grams Applies to all records. 0.000 - 999999.999 = Amount
TFAT	210-219	10	N3	Total fat - grams Applies to all records. 0.000 - 999999.999 = Amount
SFAT	220-229	10	N3	Saturated fatty acids - grams Applies to all records. 0.000 - 999999.999 = Amount
MFAT	230-239	10	N3	Monounsaturated fatty acids - grams Applies to all records. 0.000 - 999999.999 = Amount
PFAT	240-249	10	N3	Polyunsaturated fatty acids - grams Applies to all records. 0.000 - 999999.999 = Amount
CHOLES	250-259	10	N3	Cholesterol - milligrams Applies to all records. 0.000 - 999999.999 = Amount
CARBO	260-269	10	N3	Total carbohydrate - grams Applies to all records. 0.000 - 999999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
FIBER	270-279	10	N3	Dietary fiber - grams Applies to all records. 0.000 - 999999.999 = Amount
VITA_IU	280-289	10	N3	Vitamin A - IU - milligrams Applies to all records. 0.000 - 999999.999 = Amount
VITA_RE	290-299	10	N3	Vitamin A - RE - micrograms retinol equivalents Applies to all records. 0.000 - 999999.999 = Amount
CARO	300-309	10	N3	Carotene - RE - micrograms retinol equivalents Applies to all records. 0.000 - 999999.999 = Amount
VITE	310-319	10	N3	Vitamin E - milligrams alpha-tocopherol equivalents Applies to all records. 0.000 - 999999.999 = Amount
VITC	320-329	10	N3	Vitamin C - milligrams Applies to all records. 0.000 - 999999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
THIAMIN	330-339	10	N3	Thiamin - milligrams Applies to all records. 0.000 - 999999.999 = Amount
RIBO	340-349	10	N3	Riboflavin - milligrams Applies to all records. 0.000 - 999999.999 = Amount
NIACIN	350-359	10	N3	Niacin (preformed) - milligrams Applies to all records. 0.000 - 999999.999 = Amount
VITB6	360-369	10	N3	Vitamin B6 - milligrams Applies to all records. 0.000 - 999999.999 = Amount
FOLATE	370-379	10	N3	Folate - micrograms Applies to all records. 0.000 - 999999.999 = Amount
VITB12	380-389	10	N3	Vitamin B12 - micrograms Applies to all records. 0.000 - 999999.999 = Amount
CALCIUM	390-399	10	N3	Calcium - milligrams Applies to all records. 0.000 - 999999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
PHOS	400-409	10	N3	Phosphorus - milligrams Applies to all records. 0.000 - 999999.999 = Amount
MAGNES	410-419	10	N3	Magnesium - milligrams Applies to all records. 0.000 - 999999.999 = Amount
IRON	420-429	10	N3	Iron - milligrams Applies to all records. 0.000 - 999999.999 = Amount
ZINC	430-439	10	N3	Zinc - milligrams Applies to all records. 0.000 - 999999.999 = Amount
COPPER	440-449	10	N3	Copper - milligrams Applies to all records. 0.000 - 999999.999 = Amount
SODIUM	450-459	10	N3	Sodium - milligrams Applies to all records. 0.000 - 999999.999 = Amount
POTASS	460-469	10	N3	Potassium - milligrams Applies to all records. 0.000 - 999999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
ALCOHOL	470-479	10	N3	Alcohol (ethanol) - grams Applies to all records. 0.000 - 999999.999 = Amount
WATER	480-489	10	N3	Water - grams Applies to all records. 0.000 - 999999.999 = Amount
FA4_0	490-496	7	N3	Fatty acid 4:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA6_0	497-503	7	N3	Fatty acid 6:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA8_0	504-510	7	N3	Fatty acid 8:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA10_0	511-517	7	N3	Fatty acid 10:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA12_0	518-524	7	N3	Fatty acid 12:0 - grams Applies to all records. 0.000 - 999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
FA14_0	525-531	7	N3	Fatty acid 14:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA16_0	532-538	7	N3	Fatty acid 16:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA18_0	539-545	7	N3	Fatty acid 18:0 - grams Applies to all records. 0.000 - 999.999 = Amount
FA16_1	546-552	7	N3	Fatty acid 16:1 - grams Applies to all records. 0.000 - 999.999 = Amount
FA18_1	553-559	7	N3	Fatty acid 18:1 - grams Applies to all records. 0.000 - 999.999 = Amount
FA20_1	560-566	7	N3	Fatty acid 20:1 - grams Applies to all records. 0.000 - 999.999 = Amount
FA22_1	567-573	7	N3	Fatty acid 22:1 - grams Applies to all records. 0.000 - 999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
FA18_2	574-580	7	N3	Fatty acid 18:2 - grams Applies to all records. 0.000 - 999.999 = Amount
FA18_3	581-587	7	N3	Fatty acid 18:3 - grams Applies to all records. 0.000 - 999.999 = Amount
FA18_4	588-594	7	N3	Fatty acid 18:4 - grams Applies to all records. 0.000 - 999.999 = Amount
FA20_4	595-601	7	N3	Fatty acid 20:4 - grams Applies to all records. 0.000 - 999.999 = Amount
FA20_5	602-608	7	N3	Fatty acid 20:5 - grams Applies to all records. 0.000 - 999.999 = Amount
FA22_5	609-615	7	N3	Fatty acid 22:5 - grams Applies to all records. 0.000 - 999.999 = Amount
FA22_6	616-622	7	N3	Fatty acid 22:6 - grams Applies to all records. 0.000 - 999.999 = Amount

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
CAFFEINE	623-632	10	N3	Caffeine - milligrams Applies to all records. 0.000 - 999999.999 = Amount
THEOBROM	633-642	10	N3	Theobromine - milligrams Applies to all records. 0.000 - 999999.999 = Amount
SELENIUM	643-652	10	N3	Selenium - micrograms Applies to all records. 0.000 - 999999.999 = Amount
R_SELENN	653-659	7	N1	Nutrient intake expressed as a percentage of the RDA: selenium Applies to all records. 0.0 - 99999.9 = Percentage
YEAR	660-663	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample 1998 = 1998 sample
WTA_DAY1	664-671	8	N	Final annual day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR CSFII 1994-96, 1998
 9.2 Formats for Each Record Type
 9.2.6 Record type 40: Nutrients -- continued

Name	Position	W	T	
WTA_2DAY	672-679	8	N	Final annual two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_DAY1	680-687	8	N	Final 3-year day 1 full sample weight. Applies if: COMP_D1 = 1 1 - 99999999 = Weight Blank = Not applicable
WT3_2DAY	688-695	8	N	Final 3-year two day full sample weight. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS

Name	Position	W	T	
RT	1-2	2	N	Record type. Applies to all records. 50 = Record type
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number
LINELET	10	1	A	Line letter. Applies to all records. A - V = Line letter
VARSTRAT	11-12	2	N	Variance estimation stratum. Applies to all records. 1 - 43 = Variance estimation stratum
VARUNIT	13	1	N	Variance estimation unit. Applies to all records. 1 - 2 = Variance estimation unit

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
REGION	14	1	N	Region. Applies to all records. 1 = Northeast 2 = Midwest 3 = South 4 = West
URB	15	1	N	Urbanization; Metropolitan Statistical Area (MSA) status. Applies to all records. 1 = MSA, central city 2 = MSA, outside central city 3 = Non-MSA
HHSIZE	16-17	2	N	Household size; count of household members. Applies to all records. 1 - 23 = Count
INCOME	18-23	6	N	H52. During the previous calendar year, approximately how much income from all sources did you and other household members have before taxes? (Please give me your best estimate.) Note: annual incomes have been imputed for households that could not or would not provide a response to this question. See section 9.3, "Additional Documentation of Calculated Variables" (on Disk 1 in SETS and in \csfi9496\d09b.doc; on Disk 2 in \doc\d09b.doc and \formats\d09b.doc) for an explanation of the methods employed. See INCREP for the original response to H52. See IMPFLAG for the method of imputation employed. Applies to all records. 0 - 99999 = Dollars 100000 = \$100,000 or more

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T
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INCREP	24	1	N	H52. Type of original response to H52.
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Note: see section 9.3, "Additional Documentation of Calculated Variables" for details.

Applies to all records.

- * 1 = Value of INCOME is the actual amount reported.
- * 5 = No household interview
- * 6 = Not a household in the previous calendar year
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

* Skip INCCODE.

INCCODE	25	1	A
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H53. Please tell me which letter on this card best represents your combined household income before taxes for the previous calendar year.

Note: H53 is only asked of households that could not or would not answer H52.

Applies if: INCREP >= 7

- A = Under \$5000
- B = \$5,000 - \$9,999
- C = \$10,000 - \$14,999
- D = \$15,000 - \$19,999
- E = \$20,000 - \$24,999
- F = \$25,000 - \$29,999
- G = \$30,000 - \$34,999
- H = \$35,000 - \$39,999
- I = \$40,000 - \$44,999
- J = \$45,000 - \$49,999
- K = \$50,000 - \$59,999
- L = \$60,000 - \$74,999
- M = \$75,000 - \$99,999
- N = \$100,000 and over
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
PCTPOV	26-28	3	N	Annual income expressed as a percentage of the poverty threshold. Based on INCOME (using imputed values) and HHSIZE. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 0 - 299 = Percentage of the poverty threshold 300 = 300% or more
POVCAT	29	1	N	Annual income expressed as a percentage of the poverty threshold and categorized. Based on INCOME (using imputed values) and HHSIZE. Applies to all records. 1 = 0 to 130% of the poverty threshold 2 = 131 to 350% of the poverty threshold 3 = Over 350% of the poverty threshold
IMPFLAG	30	1	N	Annual income imputation flag. Note: see section 9.3, "Additional Documentation of Calculated Variables" for details. Applies to all records. 1 = Not imputed, value of INCOME is the actual amount reported. 2 = Imputed, value based on H53 (INCCODE) 3 = Imputed, value based on monthly income 4 = Imputed, value based on regression equation 5 = Imputed, based on segment level mean income

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
FS_RCV12	31	1	N	<p>H59. Did any member of your household receive food stamps in any of the last 12 months? (the 12 month period ending with the previous calendar month).</p> <p>Applies to all records.</p> <p>1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained</p>
AGE	32-33	2	N	<p>Age of household member in years.</p> <p>Note: Age at time of day 1 intake.</p> <p>Applies to all records.</p> <p>20 - 89 = Age in years 90 = 90 or older</p>
	34-35	2		Blank
SEX	36	1	N	<p>Sex of household member.</p> <p>Applies to all records.</p> <p>1 = Male 2 = Female</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
REL_REF	37-38	2	N	<p>S8. What is your relationship to the reference person?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 0 = Reference person 1 = Spouse 2 = Natural or adopted child; step child 3 = Grandchild 4 = Parent 5 = Brother or sister 6 = Other relative 7 = Foster child 8 = Partner; roommate; girlfriend; boyfriend 9 = Roomer or boarder 10 = Employee 11 = Guest 12 = Other unrelated
RACE	39	1	N	<p>S9. Which of the groups on this card best describes your race?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 1 = White 2 = Black 3 = Asian, Pacific Islander 4 = American Indian, Alaskan native 5 = Other
ORIGIN	40	1	N	<p>S10. Do any of these groups (from a card) represent your national origin?</p> <p>Applies to all records.</p> <ul style="list-style-type: none"> 1 = Mexican, Mexican American, Chicano 2 = Puerto Rican 3 = Cuban 4 = Other Spanish / Hispanic 5 = None of the above

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
HEAD_HH	41	1	N	Are you considered to be the (male or female) head of household? Note: From H8 and H9. Applies to all records. 1 = Yes 2 = No 9 = Not ascertained
PL_STAT	42	1	N	Pregnant / lactating status. Note: From questions H26, H27, H29 and H31. Also, these questions were only asked of households with certain characteristics as identified at screening. Applies to all records. 1 = Pregnant 2 = Lactating 3 = Pregnant and lactating 4 = Not pregnant or lactating 5 = Not female 10-55
	43	1		Blank
FS_AUTH	44	1	N	Is this person authorized to receive food stamps at the present time? Note: From questions H60, H61 and H62. Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
COMP_D1	45	1	N	Is there complete Day 1 intake data for this individual? Applies to all records. 1 = Yes
COMP_D2	46	1	N	Is there complete Day 2 intake data for this individual? Applies to all records. 1 = Yes * 2 = No * Skip WT3_DHK2, D2_TV, WTA_DHK2.
COMP_DHK	47	1	N	Is there a completed DHKS interview for this individual? Applies to all records. 1 = Yes
WT3_DHK	48-55	8	N	Final 3-year DHKS full sample weight. Applies to all records. 1 - 99999999 = Weight
WT3_DHK2	56-63	8	N	Final 3-year DHKS two day full sample weight. This weight exists for all DHKS respondents with two days of intake. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
GRADE	64-65	2	N	H10. What is the highest grade or year of regular school you have ever completed (from card)?

Applies to all records.

- 0 = Never attended school or kindergarten only
- 1 - 8 = Elementary school grade
- 9 - 11 = High school grade
- 12 = High school grade or GED
- 13 = 1 year of college
- 14 = 2 years of college
- 15 = 3 years of college
- 16 = 4 years of college
- 17 = 5 or more years of college
- 96 = Other
- 97 = Refused
- 98 = Don't know
- 99 = Not ascertained

EMP_STAT	66	1	N	Employment status.
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Note: from H11, H12 and H13.

Applies to all records.

- 1 = Employed, full time
- 2 = Employed, part time
- 3 = Employed, not at work last week
- 4 = Not employed
- 9 = Indeterminable

PLAN_YN	67	1	N	Do you usually plan the meals?
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Note: From question H21.

Applies to all records.

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

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
SHOP_YN	68	1	N	Do you usually do the major food shopping? Note: From question H22. Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained
PREP_YN	69	1	N	Do you usually prepare the food? Note: From question H23. Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained
WIC_YN	70	1	N	Are you receiving benefits under the Women, Infants and Children (WIC) Program at the present time? Note: From questions H32 and H33. Applies to all records. 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained
D1_TV	71-72	2	N	DA35. How many hours did you watch television or videotapes yesterday - day 1? 0 = No TV/tapes watched 1 = 1 hour or less 2 - 24 = Hours 98 = Don't know 99 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
D2_TV	73-74	2	N	<p>DB16. How many hours did you watch television or videotapes yesterday - day 2?</p> <p>Applies if: COMP_D2 = 1</p> <p>0 = No TV/tapes watched 1 = 1 hour or less 2 - 24 = Hours 98 = Don't know 99 = Not ascertained Blank = Not applicable</p>
SALT_TYP	75	1	N	<p>DA13. What type of salt, if any, do you usually add to your food at the table? Would you say it is ordinary salt, seasoned salt, lite salt, or a salt substitute?</p> <p>Applies to all records.</p> <p>1 = Ordinary salt / sea salt 2 = Seasoned salt or other flavored salt 3 = Lite salt 4 = Salt substitute * 5 = None * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip SALT_FRQ.</p>
SALT_FRQ	76	1	N	<p>DA14. How often do you add this salt to your food at the table? Is it always, frequently, sometimes, or rarely?</p> <p>Applies if: SALT_TYP < 5</p> <p>1 = Always 2 = Frequently 3 = Sometimes 4 = Rarely 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
DT01	77	1	N	DA19. Are you on a weight loss or low calorie diet?
				Applies to all records.
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				* Skip DT01_SRC.
DT01_SRC	78-79	2	N	DA21. Which of these (on card) best describes the source of your weight loss or low calorie diet?
				Applies if: DT01 = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable
DT02	80	1	N	DA19. Are you on a low fat or cholesterol diet?
				Applies to all records.
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				* Skip DT02_SRC.

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T
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DT02_SRC	81-82	2	N	DA21. Which of these (on card) best describes the source of your low fat or cholesterol diet?
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Applies if: DT02 = 1

- 1 = Organized weight loss program
- 2 = Doctor or dietitian
- 3 = Something you read or heard about
- 4 = Something you made up
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

DT03	83	1	N	DA19. Are you on a low salt or sodium diet?
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Applies to all records.

- 1 = Yes
- * 2 = No
- * 8 = Don't know
- * 9 = Not ascertained

* Skip DT03_SRC.

DT03_SRC	84-85	2	N	DA21. Which of these (on card) best describes the source of your low salt or sodium diet?
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Applies if: DT03 = 1

- 1 = Organized weight loss program
- 2 = Doctor or dietitian
- 3 = Something you read or heard about
- 4 = Something you made up
- 96 = Other
- 98 = Don't know
- 99 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
DT06	86	1	N	DA19. Are you on a high fiber diet?
				Applies to all records.
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				Blank = Not applicable
				* Skip DT06_SRC.
DT06_SRC	87-88	2	N	DA21. Which of these (on card) best describes the source of your high fiber diet?
				Applies if: DT06 = 1
				1 = Organized weight loss program
				2 = Doctor or dietitian
				3 = Something you read or heard about
				4 = Something you made up
				96 = Other
				98 = Don't know
				99 = Not ascertained
				Blank = Not applicable
DT07	89	1	N	DA19. Are you on a diabetic diet?
				Applies to all records.
				1 = Yes
				* 2 = No
				* 8 = Don't know
				* 9 = Not ascertained
				* Skip DT07_SRC.

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
DT07_SRC	90-91	2	N	DA21. Which of these (on card) best describes the source of your diabetic diet? Applies if: DT07 = 1 1 = Organized weight loss program 2 = Doctor or dietitian 3 = Something you read or heard about 4 = Something you made up 96 = Other 98 = Don't know 99 = Not ascertained Blank = Not applicable
VT_FREQ	92	1	N	DA23. How often, if at all, do you take any vitamin supplement in pill or liquid form? Would you say every day or almost every day, every so often, or not at all? Applies to all records. 1 = Every day or almost every day 2 = Every so often 3 = Not at all 8 = Don't know 9 = Not ascertained
HGT_SP	93-94	2	N	DA29. How tall are you without shoes? Note: Answers were recorded in feet and inches and converted to inches. Applies to all records. 10 - 95 = Inches 97 = Refused 98 = Don't know 99 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
WGT_SP	95-97	3	N	DA30. How much do you weigh without shoes? Applies to all records. 1 - 995 = Pounds 997 = Refused 998 = Don't know 999 = Not ascertained
BMI_SP	98-102	5	N2	Body mass index. Note: BMI is the ratio of the weight (WGT_SP) in kilograms to the square of the height (HGT_SP) in meters. Applies to all records. 1.00 - 99.00 = BMI 99.99 = Indeterminable
HEALTH	103	1	N	DA31. In general, would you say your health is excellent, very good, good, fair, or poor? Applies to all records. 1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor 8 = Don't know 9 = Not ascertained
DOCTOR1	104	1	N	DA34. Has a doctor ever told you that you have: diabetes? Applies to all records. 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
DOCTOR2	105	1	N	DA34. Has a doctor ever told you that you have: high blood pressure (hypertension)? Applies to all records. 1 = Yes 2 = No Blank = Not applicable
DOCTOR3	106	1	N	DA34. Has a doctor ever told you that you have: heart disease? Applies to all records. 1 = Yes 2 = No Blank = Not applicable
DOCTOR4	107	1	N	DA34. Has a doctor ever told you that you have: cancer? Applies to all records. 1 = Yes 2 = No Blank = Not applicable
DOCTOR5	108	1	N	DA34. Has a doctor ever told you that you have: osteoporosis? Applies to all records. 1 = Yes 2 = No Blank = Not applicable
DOCTOR6	109	1	N	DA34. Has a doctor ever told you that you have: high blood cholesterol? Applies to all records. 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
DOCTOR7	110	1	N	DA34. Has a doctor ever told you that you have: stroke? Applies to all records. 1 = Yes 2 = No Blank = Not applicable
EXERCISE	111	1	N	DA36. How often do you exercise vigorously enough to work up a sweat? Applies to all records. 1 = Daily 2 = 5 - 6 times per week 3 = 2 - 4 times per week 4 = Once a week 5 = 1 - 3 times per month 6 = Rarely or never 8 = Don't know 9 = Not ascertained
SMK_100	112	1	N	DA37. Have you smoked 100 cigarettes during your entire life? Applies to all records. 1 = Yes * 2 = No * 7 = Refused 8 = Don't know * 9 = Not applicable * Skip SMK_NOW.
SMK_NOW	113	1	N	DA38. Do you smoke cigarettes now? Applies if: SMK_100 = 1, 8 1 = Yes 2 = No 7 = Refused 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
WT_DHK_B	114-121	8	N	Base DHKS sampling weight. Applies to all records. 1 - 99999999 = Weight
WT_DHK_A	122-129	8	N	Adjusted DHKS base weight. Applies to all records. 1 - 99999999 = Weight
K_PHONE	130	1	N	Was the DHKS interview done by telephone or in person? Applies to all records. 1 = In person 2 = Telephone
K_LANG	131	1	N	Language type of the DHKS questionnaire. Applies to all records. 1 = English 2 = Spanish
KQ1_A	132-133	2	N	K1a. Let's begin by talking about the number of servings from different food groups that a person should eat each day. How many servings would you say a person of your age and sex should eat each day for good health from the fruit group? Applies to all records. 0 - 95 = Number of servings 98 = Don't know 99 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ1_B	134-135	2	N	<p>K1b. How many servings would you say a person of your age and sex should eat each day for good health from the vegetable group?</p> <p>Applies to all records.</p> <p>0 - 95 = Number of servings 98 = Don't know 99 = Not ascertained</p>
KQ1_C	136-137	2	N	<p>K1c. How many servings would you say a person of your age and sex should eat each day for good health from the milk, yogurt, and cheese group?</p> <p>Applies to all records.</p> <p>0 - 95 = Number of servings 98 = Don't know 99 = Not ascertained</p>
KQ1_D	138-139	2	N	<p>K1d. How many servings would you say a person of your age and sex should eat each day for good health from the bread, cereal, rice, and pasta group?</p> <p>Applies to all records.</p> <p>0 - 95 = Number of servings 98 = Don't know 99 = Not ascertained</p>
KQ1_E	140-141	2	N	<p>K1e. How many servings would you say a person of your age and sex should eat each day for good health from the meat, poultry, fish, dry beans, and eggs group.</p> <p>Applies to all records.</p> <p>0 - 95 = Number of servings 98 = Don't know 99 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ2_A	142	1	N	<p>K2a. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Choosing a healthy diet is just a matter of knowing what foods are good and what foods are bad.</p> <p>Applies to all records.</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 8 = Don't know 9 = Not ascertained</p>
KQ2_B	143	1	N	<p>K2b. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Eating a variety of foods each day probably gives you all the vitamins and minerals you need.</p> <p>Applies to all records.</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 8 = Don't know 9 = Not ascertained</p>
KQ2_C	144	1	N	<p>K2c. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Some people are born to be fat and some thin; there is not much you can do to change this.</p> <p>Applies to all records.</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ2_D	145	1	N	<p>K2d. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Starchy foods, like bread, potatoes, and rice, make people fat.</p> <p>Applies to all records.</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 8 = Don't know 9 = Not ascertained</p>
KQ2_E	146	1	N	<p>K2e. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: There are so many recommendations about healthy ways to eat, it's hard to know what to believe.</p> <p>Applies to all records.</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 8 = Don't know 9 = Not ascertained</p>
KQ2_F	147	1	N	<p>K2f. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: What you eat can make a big difference in your chance of getting a disease, like heart disease or cancer.</p> <p>Applies to all records.</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ2_G	148	1	N	K2g. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: The things I eat and drink now are healthy so there is no reason for me to make changes.

Applies to all records.

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 8 = Don't know
- 9 = Not ascertained

KQ3_A	149	1	N	K3a. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in calories?
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Applies to all records.

- 1 = Too low
- 2 = Too high
- 3 = About right
- 8 = Don't know
- 9 = Not ascertained

KQ3_B	150	1	N	K3b. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in calcium?
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Applies to all records.

- 1 = Too low
- 2 = Too high
- 3 = About right
- 8 = Don't know
- 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ3_C	151	1	N	K3c. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in iron? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained
KQ3_D	152	1	N	K3d. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in vitamin C? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained
KQ3_E	153	1	N	K3e. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in protein? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ3_F	154	1	N	K3f. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in fat? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained
KQ3_G	155	1	N	K3g. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in saturated fat? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained
KQ3_H	156	1	N	K3h. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in cholesterol? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ3_I	157	1	N	K3i. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in salt or sodium? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained
KQ3_J	158	1	N	K3j. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in fiber? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained
KQ3_K	159	1	N	K3k. Next, let's talk about your own diet. Compared to what is healthy, do you think your diet is too low, too high, or about right in sugar and sweets? Applies to all records. 1 = Too low 2 = Too high 3 = About right 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ4_A	160	1	N	<p>K4a. To you personally, is it very important, somewhat important, not too important, or not at all important to use salt or sodium only in moderation?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_B	161	1	N	<p>K4b. To you personally, is it very important, somewhat important, not too important, or not at all important to choose a diet low in saturated fat?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_C	162	1	N	<p>K4c. To you personally, is it very important, somewhat important, not too important, or not at all important to choose a diet with plenty of fruits and vegetables?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ4_D	163	1	N	<p>K4d. To you personally, is it very important, somewhat important, not too important, or not at all important to use sugars only in moderation?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_E	164	1	N	<p>K4e. To you personally, is it very important, somewhat important, not too important, or not at all important to choose a diet with adequate fiber?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_F	165	1	N	<p>K4f. To you personally, is it very important, somewhat important, not too important, or not at all important to eat a variety of foods?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ4_G	166	1	N	<p>K4g. To you personally, is it very important, somewhat important, not too important, or not at all important to maintain a healthy weight?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_H	167	1	N	<p>K4h. To you personally, is it very important, somewhat important, not too important, or not at all important to choose a diet low in fat?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_I	168	1	N	<p>K4i. To you personally, is it very important, somewhat important, not too important, or not at all important to choose a diet low in cholesterol?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ4_J	169	1	N	<p>K4j. To you personally, is it very important, somewhat important, not too important, or not at all important to choose a diet with plenty of breads, cereals, rice, and pasta?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ4_K	170	1	N	<p>K4k. To you personally, is it very important, somewhat important, not too important, or not at all important to eat at least two servings of dairy products daily?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ5_A	171	1	N	<p>K5a. Have you heard about any health problems caused by eating too much fat?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_A_NS - KQ6_A_17.</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_A_NS	172	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_A = 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_A_01 - KQ6_A_17.</p>
KQ6_A_01	173	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_02	174	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_03	175	1	N	<p>K6. What health problems are these: bone problems, rickets, osteoporosis,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_A_04	176	1	N	<p>K6. What health problems are these: breathing problems.</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_05	177	1	N	<p>K6. What health problems are these: cancer.</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_06	178	1	N	<p>K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_07	179	1	N	<p>K6. cavities, caries, tooth problems,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_08	180	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_A_09	181	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_10	182	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_11	183	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_12	184	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_13	185	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_A_14	186	1	N	<p>K6. What health problems are these: kidney disease, renal disease,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_15	187	1	N	<p>K6. What health problems are these: overweight, obesity,</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_16	188	1	N	<p>K6. What health problems are these: stroke.</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_A_17	189	1	N	<p>K6. What health problems are these: other.</p> <p>Applies if: KQ6_A_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ5_B	190	1	N	<p>K5b Have you heard about any health problems caused by not eating enough fiber?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_B_NS - KQ6_B_17.</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_B_NS	191	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_B = 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_B_01 - KQ6_B_17.</p>
KQ6_B_01	192	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_02	193	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_03	194	1	N	<p>K6. What health problems are these: bone problems, rickets, osteoporosis,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_B_04	195	1	N	<p>K6. What health problems are these: breathing problems.</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_05	196	1	N	<p>K6. What health problems are these: cancer.</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_06	197	1	N	<p>K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_07	198	1	N	<p>K6. cavities, caries, tooth problems,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_08	199	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_B_09	200	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_10	201	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_11	202	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_12	203	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_B_13	204	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_B_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_B_14	205	1	N	K6. What health problems are these: kidney disease, renal disease, Applies if: KQ6_B_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_B_15	206	1	N	K6. What health problems are these: overweight, obesity, Applies if: KQ6_B_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_B_16	207	1	N	K6. What health problems are these: stroke. Applies if: KQ6_B_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_B_17	208	1	N	K6. What health problems are these: other. Applies if: KQ6_B_NS = 2 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ5_C	209	1	N	<p>K5c. Have you heard about any health problems caused by eating too much salt or sodium?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_C_NS - KQ6_C_17.</p>
KQ6_C_NS	210	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_C = 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_C_01 - KQ6_C_17.</p>
KQ6_C_01	211	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_02	212	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_C_03	213	1	N	<p>K6. What health problems are these: bone problems, rickets, osteoporosis,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_04	214	1	N	<p>K6. What health problems are these: breathing problems.</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_05	215	1	N	<p>K6. What health problems are these: cancer.</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_06	216	1	N	<p>K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_07	217	1	N	<p>K6. cavities, caries, tooth problems,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_C_08	218	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_09	219	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_10	220	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_11	221	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_12	222	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_C_13	223	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_14	224	1	N	<p>K6. What health problems are these: kidney disease, renal disease,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_15	225	1	N	<p>K6. What health problems are these: overweight, obesity,</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_16	226	1	N	<p>K6. What health problems are these: stroke.</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_C_17	227	1	N	<p>K6. What health problems are these: other.</p> <p>Applies if: KQ6_C_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ5_D	228	1	N	<p>K5d. Have you heard about any health problems caused by not eating enough calcium?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_D_NS - KQ6_D_17.</p>
KQ6_D_NS	229	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_D = 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_D_01 - KQ6_D_17.</p>
KQ6_D_01	230	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_02	231	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_D_03	232	1	N	K6. What health problems are these: bone problems, rickets, osteoporosis, Applies if: KQ6_D_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_D_04	233	1	N	K6. What health problems are these: breathing problems. Applies if: KQ6_D_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_D_05	234	1	N	K6. What health problems are these: cancer. Applies if: KQ6_D_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_D_06	235	1	N	K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity, Applies if: KQ6_D_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_D_07	236	1	N	K6. cavities, caries, tooth problems, Applies if: KQ6_D_NS = 2 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_D_08	237	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_09	238	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_10	239	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_11	240	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_12	241	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_D_13	242	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_14	243	1	N	<p>K6. What health problems are these: kidney disease, renal disease,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_15	244	1	N	<p>K6. What health problems are these: overweight, obesity,</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_16	245	1	N	<p>K6. What health problems are these: stroke.</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_D_17	246	1	N	<p>K6. What health problems are these: other.</p> <p>Applies if: KQ6_D_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ5_E	247	1	N	<p>K5e. Have you heard about any health problems caused by eating too much cholesterol?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_E_NS - KQ6_E_17.</p>
KQ6_E_NS	248	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_E = 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_E_01 - KQ6_E_17.</p>
KQ6_E_01	249	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_02	250	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_E_03	251	1	N	K6. What health problems are these: bone problems, rickets, osteoporosis, Applies if: KQ6_E_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_E_04	252	1	N	K6. What health problems are these: breathing problems. Applies if: KQ6_E_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_E_05	253	1	N	K6. What health problems are these: cancer. Applies if: KQ6_E_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_E_06	254	1	N	K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity, Applies if: KQ6_E_NS = 2 1 = Yes 2 = No Blank = Not applicable
KQ6_E_07	255	1	N	K6. cavities, caries, tooth problems, Applies if: KQ6_E_NS = 2 1 = Yes 2 = No Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_E_08	256	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_09	257	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_10	258	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_11	259	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_12	260	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_E_13	261	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_14	262	1	N	<p>K6. What health problems are these: kidney disease, renal disease,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_15	263	1	N	<p>K6. What health problems are these: overweight, obesity,</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_16	264	1	N	<p>K6. What health problems are these: stroke.</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_E_17	265	1	N	<p>K6. What health problems are these: other.</p> <p>Applies if: KQ6_E_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ5_F	266	1	N	<p>K5f. Have you heard about any health problems caused by eating too much sugar?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_F_NS - KQ6_F_17.</p>
KQ6_F_NS	267	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_F= 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_F_01 - KQ6_F_17.</p>
KQ6_F_01	268	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_02	269	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_F_03	270	1	N	<p>K6. What health problems are these: bone problems, rickets, osteoporosis,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_04	271	1	N	<p>K6. What health problems are these: breathing problems.</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_05	272	1	N	<p>K6. What health problems are these: cancer.</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_06	273	1	N	<p>K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_07	274	1	N	<p>K6. cavities, caries, tooth problems,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_F_08	275	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_09	276	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_10	277	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_11	278	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_12	279	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_F_13	280	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_14	281	1	N	<p>K6. What health problems are these: kidney disease, renal disease,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_15	282	1	N	<p>K6. What health problems are these: overweight, obesity,</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_16	283	1	N	<p>K6. What health problems are these: stroke.</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_F_17	284	1	N	<p>K6. What health problems are these: other.</p> <p>Applies if: KQ6_F_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ5_G	285	1	N	<p>K5g. Have you heard about any health problems caused by being overweight?</p> <p>Applies to all records.</p> <p>1 = Yes * 2 = No * 8 = Don't know * 9 = Not ascertained</p> <p>* Skip KQ6_G_NS - KQ6_G_17.</p>
KQ6_G_NS	286	1	N	<p>K6. What health problems are these: no specific health problem mentioned.</p> <p>Applies if: KQ5_G = 1</p> <p>* 1 = Yes 2 = No Blank = Not applicable</p> <p>* Skip KQ6_G_01 - KQ6_G_17.</p>
KQ6_G_01	287	1	N	<p>K6. What health problems are these: arteriosclerosis, atherosclerosis, clogged arteries, coronary disease, hardening of the arteries, heart problems, heart attack,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_02	288	1	N	<p>K6. What health problems are these: arthritis</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_G_03	289	1	N	<p>K6. What health problems are these: bone problems, rickets, osteoporosis,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_04	290	1	N	<p>K6. What health problems are these: breathing problems.</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_05	291	1	N	<p>K6. What health problems are these: cancer.</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_06	292	1	N	<p>K6. What health problems are these: colitis, colon problems, constipation, digestive problems, diverticulosis, irregularity,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_07	293	1	N	<p>K6. cavities, caries, tooth problems,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_G_08	294	1	N	<p>K6. What health problems are these: diabetes, high blood sugar,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_09	295	1	N	<p>K6. What health problems are these: edema, water (fluid) retention,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_10	296	1	N	<p>K6. What health problems are these: fatigue, lack of energy, tiredness,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_11	297	1	N	<p>K6. What health problems are these: high blood cholesterol.</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_12	298	1	N	<p>K6. What health problems are these: high blood pressure, hypertension,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ6_G_13	299	1	N	<p>K6. What health problems are these: hyperactivity.</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_14	300	1	N	<p>K6. What health problems are these: kidney disease, renal disease,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_15	301	1	N	<p>K6. What health problems are these: overweight, obesity,</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_16	302	1	N	<p>K6. What health problems are these: stroke.</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>
KQ6_G_17	303	1	N	<p>K6. What health problems are these: other.</p> <p>Applies if: KQ6_G_NS = 2</p> <p>1 = Yes 2 = No Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ7	304	1	N	K7. Do you consider yourself to be overweight, underweight, or about right? Applies to all records. 1 = Overweight 2 = Underweight 3 = About right 8 = Don't know 9 = Not ascertained
KQ8_A	305	1	N	K8a. Based on your knowledge, which has more saturated fat: liver or t-bone steak? Applies to all records. 1 = Liver 2 = T-bone steak 3 = The same 8 = Don't know 9 = Not ascertained
KQ8_B	306	1	N	K8b. Based on your knowledge, which has more saturated fat: butter, or margarine? Applies to all records. 1 = Butter 2 = Margarine 3 = The same 8 = Don't know 9 = Not ascertained
KQ8_C	307	1	N	K8c. Based on your knowledge, which has more saturated fat: egg white, or egg yolk? Applies to all records. 1 = Egg white 2 = Egg yolk 3 = The same 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ8_D	308	1	N	<p>K8d. Based on your knowledge, which has more saturated fat: skim milk, or whole milk?</p> <p>Applies to all records.</p> <p>1 = Skim milk 2 = Whole milk 3 = The same 8 = Don't know 9 = Not ascertained</p>
KQ9_A	309	1	N	<p>K9a. Which has more fat: regular hamburger, or ground round?</p> <p>Applies to all records.</p> <p>1 = Regular hamburger 2 = Ground round 3 = The same 8 = Don't know 9 = Not ascertained</p>
KQ9_B	310	1	N	<p>K9b. Which has more fat: loin pork chops, or pork spare ribs?</p> <p>Applies to all records.</p> <p>1 = Loin pork chops 2 = Pork spare chops 3 = The same 8 = Don't know 9 = Not ascertained</p>
KQ9_C	311	1	N	<p>K9c. Which has more fat: hot dogs or ham?</p> <p>Applies to all records.</p> <p>1 = Hot dogs 2 = Ham 3 = The same 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ9_D	312	1	N	<p>K9d. Which has more fat: peanuts or popcorn?</p> <p>Applies to all records.</p> <p>1 = Peanuts 2 = Popcorn 3 = The same 8 = Don't know 9 = Not ascertained</p>
KQ9_E	313	1	N	<p>K9e. Which has more fat: yogurt or sour cream?</p> <p>Applies to all records.</p> <p>1 = Yogurt 2 = Sour cream 3 = The same 8 = Don't know 9 = Not ascertained</p>
KQ9_F	314	1	N	<p>K9f. Which has more fat: porterhouse steak or round steak?</p> <p>Applies to all records.</p> <p>1 = Porterhouse steak 2 = Round steak 3 = The same 8 = Don't know 9 = Not ascertained</p>
KQ10	315	1	N	<p>K10. Which kind of fat is more likely to be a liquid than a solid... saturated fats, polyunsaturated fats, or are they equally likely to be liquids?</p> <p>Applies to all records.</p> <p>1 = Saturated fats 2 = Polyunsaturated fats 3 = Equally likely to be liquid 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ11	316	1	N	<p>K11. If a food has no cholesterol is it also... low in saturated fat, high in saturated fat, or could it be either high or low in saturated fat?</p> <p>Applies to all records.</p> <p>1 = Low in saturated fat 2 = High in saturated fats 3 = Could be either high or low 8 = Don't know 9 = Not ascertained</p>
KQ12	317	1	N	<p>K12. Is cholesterol found in... vegetables and vegetable oils, animal products like meat and dairy products, or all foods containing fat or oil?</p> <p>Applies to all records.</p> <p>1 = Vegetables/vegetable oils 2 = Animal products 3 = All foods 8 = Don't know 9 = Not ascertained</p>
KQ13	318	1	N	<p>K13. If a product is labeled as containing only vegetable oil is it low in saturated fat, high in saturated fat, or could it be either high or low in saturated fat?</p> <p>Applies to all records.</p> <p>1 = Low in saturated fat 2 = High in saturated fats 3 = Could be either high or low 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ14	319	1	N	<p>K14. If a food product is labeled "light", does that mean that compared to a similar product not labeled "light" it is lower in calories, lower in fat, or lower in calories and/or fat, or does it mean something else?</p> <p>Applies to all records.</p> <p>1 = Lower in calories 2 = Lower in fat 3 = Lower in calories and/or fat 4 = Something else 8 = Don't know 9 = Not ascertained</p>
KQ15_A	320	1	N	<p>K15a. Now think about buying food. When you buy food, how important is: how safe the food is to eat - very important, somewhat important, not too important, or not at all important?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ15_B	321	1	N	<p>K15b. Now think about buying food. When you buy food, how important is: nutrition - very important, somewhat important, not too important, or not at all important?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ15_C	322	1	N	<p>K15c. Now think about buying food. When you buy food, how important is: price - very important, somewhat important, not too important, or not at all important?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ15_D	323	1	N	<p>K15d. Now think about buying food. When you buy food, how important is: how well the food keeps - very important, somewhat important, not too important, or not at all important?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ15_E	324	1	N	<p>K15e. Now think about buying food. When you buy food, how important is: how easy the food is to prepare - very important, somewhat important, not too important, or not at all important?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ15_F	325	1	N	<p>K15f. Now think about buying food. When you buy food, how important is: taste - very important, somewhat important, not too important, or not at all important?</p> <p>Applies to all records.</p> <p>1 = Not at all important 2 = Not too important 3 = Somewhat important 4 = Very important 8 = Don't know 9 = Not ascertained</p>
KQ16_A	326	1	N	<p>K16a. Now think about food labels. When you buy foods, do you use: the list of ingredients - often, sometimes, rarely, or never?</p> <p>Applies to all records.</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Never seen 8 = Don't know 9 = Not ascertained</p>
KQ16_B	327	1	N	<p>K16b. Now think about food labels. When you buy foods, do you use: the short phrases on the label like "low-fat" or "light" or "good source of fiber" - often, sometimes, rarely, or never?</p> <p>Applies to all records.</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Never seen 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ16_C	328	1	N	K16c. Now think about food labels. When you buy foods, do you use: the nutrition panel that tells the amount of calories, protein, fat, and such in a serving of the food - often, sometimes, rarely, or never? Applies to all records. 1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Never seen 8 = Don't know 9 = Not ascertained
KQ16_D	329	1	N	K16d. Now think about food labels. When you buy foods, do you use: the information about the size of a serving - often, sometimes, rarely, or never? Applies to all records. 1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Never seen 8 = Don't know 9 = Not ascertained
KQ16_E	330	1	N	K16e. Now think about food labels. When you buy foods, do you use: statements on the label that describe health benefits of nutrients or foods - often, sometimes, rarely, or never? Applies to all records. 1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Never seen 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ16_NVR	331	1	N	<p>K16. Never, never seen or don't know answered for each of K16a - K16e.</p> <p>Applies to all records.</p> <p>* 1 = Yes ** 2 = No</p> <p>* Skip KQ17_A - KQ23_J. ** Skip KQ24_A - KQ25_C.</p>
KQ17_A	332	1	N	<p>K17a. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: calories?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ17_B	333	1	N	<p>K17b. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: salt or sodium?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ17_C	334	1	N	<p>K17c. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: total fat?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ17_D	335	1	N	<p>K17d. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: saturated fat?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ17_E	336	1	N	<p>K17e. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: cholesterol?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ17_F	337	1	N	<p>K17f. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: vitamins or minerals?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ17_G	338	1	N	<p>K17g. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: fiber?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ17_H	339	1	N	<p>K17h. When you look for nutrition information on the food label, would you say you often, sometimes, rarely, or never look for information about: sugars?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Often (always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ18_A	340	1	N	K18a. Now think about the types of food products you buy using food labels. When you buy dessert items like cookies or cake mixes do you look for nutrition information on the food label often, sometimes, rarely, or never?

Applies if: KQ16_NVR = 2

- 1 = Often (always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Never seen
- 6 = Do not buy
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

KQ18_B	341	1	N	K18b. Now think about the types of food products you buy using food labels. When you buy snack items like chips, popcorn, or pretzels do you look for nutrition information on the food label often, sometimes, rarely, or never?
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Applies if: KQ16_NVR = 2

- 1 = Often (always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Never seen
- 6 = Do not buy
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ18_C	342	1	N	K18c. Now think about the types of food products you buy using food labels. When you buy frozen dinners or main dishes do you look for nutrition information on the food label often, sometimes, rarely, or never?

Applies if: KQ16_NVR = 2

1 = Often (always)
2 = Sometimes
3 = Rarely
4 = Never
5 = Never seen
6 = Do not buy
8 = Don't know
9 = Not ascertained
Blank = Not applicable

KQ18_D	343	1	N	K18d. Now think about the types of food products you buy using food labels. When you buy breakfast cereals do you look for nutrition information on the food label often, sometimes, rarely, or never?
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Applies if: KQ16_NVR = 2

1 = Often (always)
2 = Sometimes
3 = Rarely
4 = Never
5 = Never seen
6 = Do not buy
8 = Don't know
9 = Not ascertained
Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ18_E	344	1	N	K18e. Now think about the types of food products you buy using food labels. When you buy cheese do you look for nutrition information on the food label often, sometimes, rarely, or never?

Applies if: KQ16_NVR = 2

- 1 = Often (always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Never seen
- 6 = Do not buy
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ18_F	345	1	N	K18f. Now think about the types of food products you buy using food labels. When you buy fruits or vegetables do you look for nutrition information on the food label often, sometimes, rarely, or never?
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Applies if: KQ16_NVR = 2

- 1 = Often (always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Never seen
- 6 = Do not buy
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ18_G	346	1	N	K18g. Now think about the types of food products you buy using food labels. When you buy salad dressings do you look for nutrition information on the food label often, sometimes, rarely, or never?

Applies if: KQ16_NVR = 2

1 = Often (always)
2 = Sometimes
3 = Rarely
4 = Never
5 = Never seen
6 = Do not buy
8 = Don't know
9 = Not ascertained
Blank = Not applicable

KQ18_H	347	1	N	K18h. Now think about the types of food products you buy using food labels. When you buy table spreads like butter or margarine do you look for nutrition information on the food label often, sometimes, rarely, or never?
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Applies if: KQ16_NVR = 2

1 = Often (always)
2 = Sometimes
3 = Rarely
4 = Never
5 = Never seen
6 = Do not buy
8 = Don't know
9 = Not ascertained
Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ18_I	348	1	N	K18i. Now think about the types of food products you buy using food labels. When you buy raw meat do you look for nutrition information on the food label often, sometimes, rarely, or never?

Applies if: KQ16_NVR = 2

- 1 = Often (always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Never seen
- 6 = Do not buy
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ18_J	349	1	N	K18j. Now think about the types of food products you buy using food labels. When you buy processed meat products like hot dogs and bologna do you look for nutrition information on the food label often, sometimes, rarely, or never?
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Applies if: KQ16_NVR = 2

- 1 = Often (always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Never seen
- 6 = Do not buy
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ19_A	350	1	N	K19a. Now think about the types of nutrition information on food labels. Do you think the list of ingredients is very easy to understand, somewhat easy, or not too easy to understand?

Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

KQ19_B	351	1	N	K19b. Now think about the types of nutrition information on food labels. Do you think the short phrase like "low-fat" or "light" or "good sources of fiber" easy to understand?
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Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

KQ19_C	352	1	N	K19c. Now think about the types of nutrition information on food labels. Do you think the number of calories in a serving is very easy to understand, somewhat easy, or not too easy to understand?
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Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ19_D	353	1	N	K19d. Now think about the types of nutrition information on food labels. Do you think the number of calories from fat in a serving is very easy to understand, somewhat easy, or not too easy to understand?

Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

KQ19_E	354	1	N	K19e. Now think about the types of nutrition information on food labels. Do you think the number of grams or milligrams of nutrients like fat or sodium in a serving is very easy to understand, somewhat easy, or not too easy to understand?
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Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained

Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ19_F	355	1	N	K19f. Now think about the types of nutrition information on food labels. Do you think the percent of the daily value for each nutrient is very easy to understand, somewhat easy, or not too easy to understand?

Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ19_G	356	1	N	K19g. Now think about the types of nutrition information on food labels. Do you think a description like "lean" or "extra lean" on meats is very easy to understand, somewhat easy, or not too easy to understand?
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Applies if: KQ16_NVR = 2

- 1 = Very easy
- 2 = Somewhat easy
- 3 = Not too easy
- 4 = Never seen
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ20_A	357	1	N	K20a. If a food label says a food is low-fat, would you say you are very confident, somewhat confident, or not too confident that the description is a reliable basis for choosing foods?
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Applies if: KQ16_NVR = 2

- 1 = Very confident
- 2 = Somewhat confident
- 3 = Not too confident
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ20_B	358	1	N	<p>K20b. If a food label says a food is low-cholesterol, would you say you are very confident, somewhat confident, or not too confident that the description is a reliable basis for choosing foods?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Very confident 2 = Somewhat confident 3 = Not too confident 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ20_C	359	1	N	<p>K20c. If a food label says a food is a good source of fiber, would you say you are very confident, somewhat confident, or not too confident that the description is a reliable basis for choosing foods?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Very confident 2 = Somewhat confident 3 = Not too confident 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ20_D	360	1	N	<p>K20d. If a food label says a food is light, would you say you are very confident, somewhat confident, or not too confident that the description is a reliable basis for choosing foods?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Very confident 2 = Somewhat confident 3 = Not too confident 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ20_E	361	1	N	<p>K20e. If a food label says a food is healthy, would you say you are very confident, somewhat confident, or not too confident that the description is a reliable basis for choosing foods?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Very confident 2 = Somewhat confident 3 = Not too confident 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ20_F	362	1	N	<p>K20f. If a food label says a food is extra lean, would you say you are very confident, somewhat confident, or not too confident that the description is a reliable basis for choosing foods?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Very confident 2 = Somewhat confident 3 = Not too confident 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ21_A	363	1	N	<p>K21a. As far as you know, does the government define and enforce the meaning of the phrase "low-cholesterol" on food labels?</p> <p>Applies if: KQ16_NVR = 2</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ21_B	364	1	N	K21b. As far as you know, does the government define and enforce the meaning of the phrase "light" on food labels? Applies if: KQ16_NVR = 2 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
KQ21_C	365	1	N	K21c. As far as you know, does the government define and enforce the meaning of the phrase "extra lean" on food labels? Applies if: KQ16_NVR = 2 1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable
KQ22_A	366	1	N	K22a. Now think about the section on the food label that tells the amount of calories, protein, and fat in a serving of the food. If it showed that one serving of the food contained "100 milligrams of sodium", would you consider that to be a low amount or a high amount? Applies if: KQ16_NVR = 2 1 = Low 2 = High 8 = Don't know 9 = Not ascertained Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ22_B	367	1	N	K22b. Now think about the section on the food label that tells the amount of calories, protein, and fat in a serving of the food. If it showed that one serving of the food contained "20 grams of fat", would you consider that to be a low amount or a high amount?

Applies if: KQ16_NVR = 2

1 = Low
2 = High
8 = Don't know
9 = Not ascertained
Blank = Not applicable

KQ22_C	368	1	N	K22c. Now think about the section on the food label that tells the amount of calories, protein, and fat in a serving of the food. If it showed that one serving of the food contained "15 milligrams of cholesterol", would you consider that to be a low amount or a high amount?
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Applies if: KQ16_NVR = 2

1 = Low
2 = High
8 = Don't know
9 = Not ascertained
Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ22_D	369	1	N	K22d. Now think about the section on the food label that tells the amount of calories, protein, and fat in a serving of the food. If it showed that one serving of the food contained "5 grams of fiber", would you consider that to be a low amount or a high amount?

Applies if: KQ16_NVR = 2

1 = Low
2 = High
8 = Don't know
9 = Not ascertained
Blank = Not applicable

KQ22_E	370	1	N	K22e. Now think about the section on the food label that tells the amount of calories, protein, and fat in a serving of the food. If it showed that one serving of the food contained "10 grams of saturated fat", would you consider that to be a low amount or a high amount?
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Applies if: KQ16_NVR = 2

1 = Low
2 = High
8 = Don't know
9 = Not ascertained
Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ23_A	371	1	N	K23a. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: The nutrition information on food labels is useful to me.

Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ23_B	372	1	N	K23b. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: I feel confident that I know how to use food labels to choose a healthy diet.
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Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ23_C	373	1	N	K23c. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: The nutrition information on food labels is hard to interpret.

Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ23_D	374	1	N	K23d. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Reading food labels takes more time than I can spare.
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Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ23_E	375	1	N	K23e. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: I read food labels because good health is important to me.

Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ23_F	376	1	N	K23f. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: I would like to learn more about how to use food labels to choose a nutritious diet.
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Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ23_G	377	1	N	K23g. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Reading food labels makes it easier to choose foods.

Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ23_H	378	1	N	K23h. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Sometimes I try new foods because of the information on the food label.
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Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ23_I	379	1	N	K23i. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: When I use labels, I make better food choices.

Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ23_J	380	1	N	K23j. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Using food labels to choose foods is better than just relying on my own knowledge about what is in them.
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Applies if: KQ16_NVR = 2

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ24_A	381	1	N	K24a. Now I am going to read some statements about food labels. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: I feel confident that I know how to use food labels to choose a healthy diet.

Applies if: KQ16_NVR = 1

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

KQ24_B	382	1	N	K24b. Now I am going to read some statements about food labels. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: The nutrition information on food labels is hard to interpret.
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Applies if: KQ16_NVR = 1

- 1 = Strongly disagree
- 2 = Somewhat disagree
- 3 = Somewhat agree
- 4 = Strongly agree
- 5 = No opinion
- 8 = Don't know
- 9 = Not ascertained
- Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ24_C	383	1	N	K24c. Now I am going to read some statements about food labels. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Reading food labels takes more time than I can spare.

Applies if: KQ16_NVR = 1

1 = Strongly disagree
2 = Somewhat disagree
3 = Somewhat agree
4 = Strongly agree
5 = No opinion
8 = Don't know
9 = Not ascertained
Blank = Not applicable

KQ24_D	384	1	N	K24d. Now I am going to read some statements about food labels. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: I would like to learn more about how to use food labels to choose a nutritious diet.
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Applies if: KQ16_NVR = 1

1 = Strongly disagree
2 = Somewhat disagree
3 = Somewhat agree
4 = Strongly agree
5 = No opinion
8 = Don't know
9 = Not ascertained
Blank = Not applicable

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ24_E	385	1	N	<p>K24e. Now I am going to read some statements about food labels. Please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the statement: Using food labels to choose foods would be better than just relying on my own knowledge about what is in them.</p> <p>Applies if: KQ16_NVR = 1</p> <p>1 = Strongly disagree 2 = Somewhat disagree 3 = Somewhat agree 4 = Strongly agree 5 = No opinion 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ25_A	386	1	N	<p>K25a. As far as you know, does the government define and enforce the meaning of the phrase "low-cholesterol" on food labels?</p> <p>Applies if: KQ16_NVR = 1</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ25_B	387	1	N	<p>K25b. As far as you know, does the government define and enforce the meaning of the phrase "light" on food labels?</p> <p>Applies if: KQ16_NVR = 1</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ25_C	388	1	N	<p>K25c. As far as you know, does the government define and enforce the meaning of the phrase "extra lean" on food labels?</p> <p>Applies if: KQ16_NVR = 1</p> <p>1 = Yes 2 = No 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ26_A	389	1	N	<p>K26a. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Eat lower-fat luncheon meats instead of regular luncheon meats?</p> <p>Applies to all records.</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Does not eat this food 7 = Refused 8 = Don't know 9 = Not ascertained</p>
KQ26_B	390	1	N	<p>K26b. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Use skim or 1% milk instead of 2% or whole milk?</p> <p>Applies to all records.</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 5 = Does not eat this food 7 = Refused 8 = Don't know 9 = Not ascertained</p>

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ26_C	391	1	N	K26c. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Eat special, low-fat cheeses, when you eat cheese?

Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Does not eat this food
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

KQ26_D	392	1	N	K26d. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Eat ice milk, frozen yogurt, or sherbet instead of ice cream?
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Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Does not eat this food
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ26_E	393	1	N	K26e. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Use low-calorie instead of regular salad dressing?

Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Does not eat this food
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

KQ26_F	394	1	N	K26f. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Have fruit for dessert, when you eat dessert?
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Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Does not eat this food
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ26_G	395	1	N	K26g. Now think about the foods you eat. Would you say you always, sometimes, rarely, or never: Eat fish or poultry instead of meat?

Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Does not eat this food
- 7 = Refused
- 8 = Don't know
- 9 = Not ascertained

KQ27	396	1	N	K27. When you eat baked or boiled potatoes, how often do you add butter, margarine, or sour cream? Would you say always, sometimes, rarely, or never?
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Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- 5 = Do not eat baked or boiled potatoes
- 8 = Don't know
- 9 = Not ascertained

KQ28	397	1	N	K28. When you eat other cooked vegetables, do you always, sometimes, rarely, or never eat them with butter or margarine added?
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Applies to all records.

- 1 = Always (almost always)
- 2 = Sometimes
- 3 = Rarely
- 4 = Never
- * 5 = Do not eat cooked vegetables
- 8 = Don't know
- 9 = Not ascertained

* Skip KQ29.

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ29	398	1	N	<p>K29. When you eat other cooked vegetables, do you always, sometimes, rarely, or never eat them with cheese or another creamy sauce added?</p> <p>Applies if: KQ28 ne 5</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>
KQ30	399	1	N	<p>K30. When you eat chicken, do you always, sometimes, rarely, or never eat it fried?</p> <p>Applies to all records.</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never * 5 = Do not eat cooked chicken 8 = Don't know 9 = Not ascertained</p> <p>* Skip KQ31.</p>
KQ31	400	1	N	<p>K31. When you eat chicken, do you always, sometimes, rarely, or never remove the skin?</p> <p>Applies if: KQ30 ne 5</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ32	401	1	N	K32. Would you describe the amount of butter or margarine you usually spread on breads or muffins as none, light, moderate, or generous? Applies to all records. 1 = None 2 = Light 3 = Moderate 4 = Generous 8 = Don't know 9 = Not ascertained
KQ33_A	402	1	N	K33a. About how many times in a week do you eat bakery products like cakes, cookies, or donuts - less than once a week, 1 - 3, 4 - 6, or 7 or more times? Applies to all records. 1 = Less than once a week or never 2 = 1 - 3 times a week 3 = 4 - 6 times a week 4 = 7 or more times a week 8 = Don't know 9 = Not ascertained
KQ33_B	403	1	N	K33b. About how many times in a week do you eat chips such as potato or corn chips- less than once a week, 1 - 3, 4 - 6, or 7 or more times? Applies to all records. 1 = Less than once a week or never 2 = 1 - 3 times a week 3 = 4 - 6 times a week 4 = 7 or more times a week 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ34	404	1	N	<p>K34. At your main meal about how many times in a week do you eat beef, pork, or lamb. Would you say less than once a week, 1 - 2, 3 - 4, or 5 - 7 times?</p> <p>Applies to all records.</p> <p>1 = Less than once a week or never 2 = 1 - 2 times a week 3 = 3 - 4 times a week 4 = 5 - 7 times a week * 5 = Do not eat meat 8 = Don't know 9 = Not ascertained</p> <p>* Skip KQ35 - KQ36.</p>
KQ35	405	1	N	<p>K35. When you eat meat, do you usually eat small, medium, or large portions?</p> <p>Applies if: KQ34 ne 5</p> <p>1 = Small 2 = Medium 3 = Large * 5 = Do not eat meat 8 = Don't know 9 = Not ascertained Blank = Not applicable</p> <p>* Skip KQ36.</p>
KQ36	406	1	N	<p>K36. When you eat meat and there is visible fat, do you trim the fat always, sometimes, rarely, or never?</p> <p>Applies if: KQ35 ne 5</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ37	407	1	N	<p>K37. How many eggs do you usually eat in a week - less than one, 1 - 2, 3 - 4, or 5 or more?</p> <p>Applies to all records.</p> <p>1 = Less than 1 / none 2 = 1 - 2 a week 3 = 3 - 4 a week 4 = 5 or more a week 8 = Don't know 9 = Not ascertained</p>
KQ38	408	1	N	<p>K38. Before you eat fresh fruits and vegetables, do you or does someone else wash them always, sometimes, rarely, or never?</p> <p>Applies to all records.</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never * 5 = Do not eat fresh fruits and vegetables 8 = Don't know 9 = Not ascertained</p> <p>* Skip KQ39 - KQ41.</p>
KQ39	409	1	N	<p>K39. When you eat fresh fruits with peels that can be eaten, do you eat the peel always, sometimes, rarely, or never?</p> <p>Applies if: KQ38 ne 5</p> <p>1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable</p>

9. FILE FORMATS FOR DHKS 1994-96
9.2 Formats for Each Record Type
9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
KQ40	410	1	N	K40. When you eat fresh vegetables with peels that can be eaten, do you eat the peel always, sometimes, rarely, or never? Applies if: KQ38 ne 5 1 = Always (almost always) 2 = Sometimes 3 = Rarely 4 = Never 8 = Don't know 9 = Not ascertained Blank = Not applicable
KQ41	411	1	N	K41. Do you eat the outer leaves of leafy vegetables like lettuce and cabbage? Would you say yes or no? Applies if: KQ38 ne 5 1 = Yes 2 = No 5 = Don't eat leafy vegetables 8 = Don't know 9 = Not ascertained Blank = Not applicable
KQ42	412	1	N	K42. Are you the person most responsible for planning or preparing the meals in your household? Applies to all records. 1 = Yes 2 = No 7 = Refused 8 = Don't know 9 = Not ascertained

9. FILE FORMATS FOR DHKS 1994-96
 9.2 Formats for Each Record Type
 9.2.7 Record type 50: DHKS -- continued

Name	Position	W	T	
YEAR	413-416	4	N	Year of the survey. Applies to all records. 1994 = 1994 sample 1995 = 1995 sample 1996 = 1996 sample
WTA_DHK	417-424	8	N	Final annual DHKS full sample weight. Applies to all records. 1 - 99999999 = Weight
WTA_DHK2	425-432	8	N	Final annual DHKS two day full sample weight. This weight exists for all DHKS respondents with two days of intake. Applies if: COMP_D2 = 1 1 - 99999999 = Weight Blank = Not applicable

9.4 File Formats for Jackknife Replicate Weights

9.4.3 CSFII 1994-96 (3-year) jackknife replicate weight file format

(to be used with corresponding weight file jkw3yracs.dat)

Position		Description
1-5	HHID	Household ID
6-7	SPNUM	Sample person number
8-15	WT3_DAY1	Full-sample 3-year day 1 weight
16-23	WT3_2DAY	Full-sample 3-year 2-day weight
24-31	R3_D1_01	Replicate 3-year day 1 weight - 1
32-39	R3_D1_02	Replicate 3-year day 1 weight - 2
40-47	R3_D1_03	Replicate 3-year day 1 weight - 3
48-55	R3_D1_04	Replicate 3-year day 1 weight - 4
56-63	R3_D1_05	Replicate 3-year day 1 weight - 5
64-71	R3_D1_06	Replicate 3-year day 1 weight - 6
72-79	R3_D1_07	Replicate 3-year day 1 weight - 7
80-87	R3_D1_08	Replicate 3-year day 1 weight - 8
88-95	R3_D1_09	Replicate 3-year day 1 weight - 9
96-103	R3_D1_10	Replicate 3-year day 1 weight - 10
104-111	R3_D1_11	Replicate 3-year day 1 weight - 11
112-119	R3_D1_12	Replicate 3-year day 1 weight - 12
120-127	R3_D1_13	Replicate 3-year day 1 weight - 13
128-135	R3_D1_14	Replicate 3-year day 1 weight - 14
136-143	R3_D1_15	Replicate 3-year day 1 weight - 15
144-151	R3_D1_16	Replicate 3-year day 1 weight - 16
152-159	R3_D1_17	Replicate 3-year day 1 weight - 17
160-167	R3_D1_18	Replicate 3-year day 1 weight - 18
168-175	R3_D1_19	Replicate 3-year day 1 weight - 19
176-183	R3_D1_20	Replicate 3-year day 1 weight - 20
184-191	R3_D1_21	Replicate 3-year day 1 weight - 21
192-199	R3_D1_22	Replicate 3-year day 1 weight - 22
200-207	R3_D1_23	Replicate 3-year day 1 weight - 23
208-215	R3_D1_24	Replicate 3-year day 1 weight - 24
216-223	R3_D1_25	Replicate 3-year day 1 weight - 25
224-231	R3_D1_26	Replicate 3-year day 1 weight - 26
232-239	R3_D1_27	Replicate 3-year day 1 weight - 27
240-247	R3_D1_28	Replicate 3-year day 1 weight - 28
248-255	R3_D1_29	Replicate 3-year day 1 weight - 29
256-263	R3_D1_30	Replicate 3-year day 1 weight - 30
264-271	R3_D1_31	Replicate 3-year day 1 weight - 31
272-279	R3_D1_32	Replicate 3-year day 1 weight - 32
280-287	R3_D1_33	Replicate 3-year day 1 weight - 33
288-295	R3_D1_34	Replicate 3-year day 1 weight - 34
296-303	R3_D1_35	Replicate 3-year day 1 weight - 35
304-311	R3_D1_36	Replicate 3-year day 1 weight - 36
312-319	R3_D1_37	Replicate 3-year day 1 weight - 37
320-327	R3_D1_38	Replicate 3-year day 1 weight - 38
328-335	R3_D1_39	Replicate 3-year day 1 weight - 39
336-343	R3_D1_40	Replicate 3-year day 1 weight - 40
344-351	R3_D1_41	Replicate 3-year day 1 weight - 41
352-359	R3_D1_42	Replicate 3-year day 1 weight - 42
360-367	R3_D1_43	Replicate 3-year day 1 weight - 43

3-year CSFII jackknife replicate weight file - continued

368-375	R3_2D_01	Replicate 3-year 2-day weight - 1
376-383	R3_2D_02	Replicate 3-year 2-day weight - 2
384-391	R3_2D_03	Replicate 3-year 2-day weight - 3
392-399	R3_2D_04	Replicate 3-year 2-day weight - 4
400-407	R3_2D_05	Replicate 3-year 2-day weight - 5
408-415	R3_2D_06	Replicate 3-year 2-day weight - 6
416-423	R3_2D_07	Replicate 3-year 2-day weight - 7
424-431	R3_2D_08	Replicate 3-year 2-day weight - 8
432-439	R3_2D_09	Replicate 3-year 2-day weight - 9
440-447	R3_2D_10	Replicate 3-year 2-day weight - 10
448-455	R3_2D_11	Replicate 3-year 2-day weight - 11
456-463	R3_2D_12	Replicate 3-year 2-day weight - 12
464-471	R3_2D_13	Replicate 3-year 2-day weight - 13
472-479	R3_2D_14	Replicate 3-year 2-day weight - 14
480-487	R3_2D_15	Replicate 3-year 2-day weight - 15
488-495	R3_2D_16	Replicate 3-year 2-day weight - 16
496-503	R3_2D_17	Replicate 3-year 2-day weight - 17
504-511	R3_2D_18	Replicate 3-year 2-day weight - 18
512-519	R3_2D_19	Replicate 3-year 2-day weight - 19
520-527	R3_2D_20	Replicate 3-year 2-day weight - 20
528-535	R3_2D_21	Replicate 3-year 2-day weight - 21
536-543	R3_2D_22	Replicate 3-year 2-day weight - 22
544-551	R3_2D_23	Replicate 3-year 2-day weight - 23
552-559	R3_2D_24	Replicate 3-year 2-day weight - 24
560-567	R3_2D_25	Replicate 3-year 2-day weight - 25
568-575	R3_2D_26	Replicate 3-year 2-day weight - 26
576-583	R3_2D_27	Replicate 3-year 2-day weight - 27
584-591	R3_2D_28	Replicate 3-year 2-day weight - 28
592-599	R3_2D_29	Replicate 3-year 2-day weight - 29
600-607	R3_2D_30	Replicate 3-year 2-day weight - 30
608-615	R3_2D_31	Replicate 3-year 2-day weight - 31
616-623	R3_2D_32	Replicate 3-year 2-day weight - 32
624-631	R3_2D_33	Replicate 3-year 2-day weight - 33
632-639	R3_2D_34	Replicate 3-year 2-day weight - 34
640-647	R3_2D_35	Replicate 3-year 2-day weight - 35
648-655	R3_2D_36	Replicate 3-year 2-day weight - 36
656-663	R3_2D_37	Replicate 3-year 2-day weight - 37
664-671	R3_2D_38	Replicate 3-year 2-day weight - 38
672-679	R3_2D_39	Replicate 3-year 2-day weight - 39
680-687	R3_2D_40	Replicate 3-year 2-day weight - 40
688-695	R3_2D_41	Replicate 3-year 2-day weight - 41
696-703	R3_2D_42	Replicate 3-year 2-day weight - 42
704-711	R3_2D_43	Replicate 3-year 2-day weight - 43
712-713	VARSTRAT	Variance-estimation stratum
714	VARUNIT	Variance-estimation unit
715-718	YEAR	Year of survey

There are 16,103 records, one per CSFII 1994-96 Day 1 respondent. The 2-day weight fields are blank for respondents not providing a second day. All fields are integers.

9.4 File Formats for Jackknife Replicate Weights

9.4.7 DHKS 1994-96 (3-year) jackknife replicate weight file format

(to be used with corresponding weight file jkw3yrdh.dat)

Position		Description
1-5	HHID	Household ID
6-7	SPNUM	Sample person number
8-15	WT3_DHK	Full-sample 3-year DHKS weight
16-23	WT3_DHK2	Full-sample 3-year DHKS 2-day weight
24-31	R3_DK_01	Replicate 3-year DHKS weight - 1
32-39	R3_DK_02	Replicate 3-year DHKS weight - 2
40-47	R3_DK_03	Replicate 3-year DHKS weight - 3
48-55	R3_DK_04	Replicate 3-year DHKS weight - 4
56-63	R3_DK_05	Replicate 3-year DHKS weight - 5
64-71	R3_DK_06	Replicate 3-year DHKS weight - 6
72-79	R3_DK_07	Replicate 3-year DHKS weight - 7
80-87	R3_DK_08	Replicate 3-year DHKS weight - 8
88-95	R3_DK_09	Replicate 3-year DHKS weight - 9
96-103	R3_DK_10	Replicate 3-year DHKS weight - 10
104-111	R3_DK_11	Replicate 3-year DHKS weight - 11
112-119	R3_DK_12	Replicate 3-year DHKS weight - 12
120-127	R3_DK_13	Replicate 3-year DHKS weight - 13
128-135	R3_DK_14	Replicate 3-year DHKS weight - 14
136-143	R3_DK_15	Replicate 3-year DHKS weight - 15
144-151	R3_DK_16	Replicate 3-year DHKS weight - 16
152-159	R3_DK_17	Replicate 3-year DHKS weight - 17
160-167	R3_DK_18	Replicate 3-year DHKS weight - 18
168-175	R3_DK_19	Replicate 3-year DHKS weight - 19
176-183	R3_DK_20	Replicate 3-year DHKS weight - 20
184-191	R3_DK_21	Replicate 3-year DHKS weight - 21
192-199	R3_DK_22	Replicate 3-year DHKS weight - 22
200-207	R3_DK_23	Replicate 3-year DHKS weight - 23
208-215	R3_DK_24	Replicate 3-year DHKS weight - 24
216-223	R3_DK_25	Replicate 3-year DHKS weight - 25
224-231	R3_DK_26	Replicate 3-year DHKS weight - 26
232-239	R3_DK_27	Replicate 3-year DHKS weight - 27
240-247	R3_DK_28	Replicate 3-year DHKS weight - 28
248-255	R3_DK_29	Replicate 3-year DHKS weight - 29
256-263	R3_DK_30	Replicate 3-year DHKS weight - 30
264-271	R3_DK_31	Replicate 3-year DHKS weight - 31
272-279	R3_DK_32	Replicate 3-year DHKS weight - 32
280-287	R3_DK_33	Replicate 3-year DHKS weight - 33
288-295	R3_DK_34	Replicate 3-year DHKS weight - 34
296-303	R3_DK_35	Replicate 3-year DHKS weight - 35
304-311	R3_DK_36	Replicate 3-year DHKS weight - 36
312-319	R3_DK_37	Replicate 3-year DHKS weight - 37
320-327	R3_DK_38	Replicate 3-year DHKS weight - 38
328-335	R3_DK_39	Replicate 3-year DHKS weight - 39
336-343	R3_DK_40	Replicate 3-year DHKS weight - 40
344-351	R3_DK_41	Replicate 3-year DHKS weight - 41
352-359	R3_DK_42	Replicate 3-year DHKS weight - 42
360-367	R3_DK_43	Replicate 3-year DHKS weight - 43

3-year DHKS jackknife replicate weight file - continued

368-375	R3_K2_01	Replicate 3-year DHKS 2-day weight - 1
376-383	R3_K2_02	Replicate 3-year DHKS 2-day weight - 2
384-391	R3_K2_03	Replicate 3-year DHKS 2-day weight - 3
392-399	R3_K2_04	Replicate 3-year DHKS 2-day weight - 4
400-407	R3_K2_05	Replicate 3-year DHKS 2-day weight - 5
408-415	R3_K2_06	Replicate 3-year DHKS 2-day weight - 6
416-423	R3_K2_07	Replicate 3-year DHKS 2-day weight - 7
424-431	R3_K2_08	Replicate 3-year DHKS 2-day weight - 8
432-439	R3_K2_09	Replicate 3-year DHKS 2-day weight - 9
440-447	R3_K2_10	Replicate 3-year DHKS 2-day weight - 10
448-455	R3_K2_11	Replicate 3-year DHKS 2-day weight - 11
456-463	R3_K2_12	Replicate 3-year DHKS 2-day weight - 12
464-471	R3_K2_13	Replicate 3-year DHKS 2-day weight - 13
472-479	R3_K2_14	Replicate 3-year DHKS 2-day weight - 14
480-487	R3_K2_15	Replicate 3-year DHKS 2-day weight - 15
488-495	R3_K2_16	Replicate 3-year DHKS 2-day weight - 16
496-503	R3_K2_17	Replicate 3-year DHKS 2-day weight - 17
504-511	R3_K2_18	Replicate 3-year DHKS 2-day weight - 18
512-519	R3_K2_19	Replicate 3-year DHKS 2-day weight - 19
520-527	R3_K2_20	Replicate 3-year DHKS 2-day weight - 20
528-535	R3_K2_21	Replicate 3-year DHKS 2-day weight - 21
536-543	R3_K2_22	Replicate 3-year DHKS 2-day weight - 22
544-551	R3_K2_23	Replicate 3-year DHKS 2-day weight - 23
552-559	R3_K2_24	Replicate 3-year DHKS 2-day weight - 24
560-567	R3_K2_25	Replicate 3-year DHKS 2-day weight - 25
568-575	R3_K2_26	Replicate 3-year DHKS 2-day weight - 26
576-583	R3_K2_27	Replicate 3-year DHKS 2-day weight - 27
584-591	R3_K2_28	Replicate 3-year DHKS 2-day weight - 28
592-599	R3_K2_29	Replicate 3-year DHKS 2-day weight - 29
600-607	R3_K2_30	Replicate 3-year DHKS 2-day weight - 30
608-615	R3_K2_31	Replicate 3-year DHKS 2-day weight - 31
616-623	R3_K2_32	Replicate 3-year DHKS 2-day weight - 32
624-631	R3_K2_33	Replicate 3-year DHKS 2-day weight - 33
632-639	R3_K2_34	Replicate 3-year DHKS 2-day weight - 34
640-647	R3_K2_35	Replicate 3-year DHKS 2-day weight - 35
648-655	R3_K2_36	Replicate 3-year DHKS 2-day weight - 36
656-663	R3_K2_37	Replicate 3-year DHKS 2-day weight - 37
664-671	R3_K2_38	Replicate 3-year DHKS 2-day weight - 38
672-679	R3_K2_39	Replicate 3-year DHKS 2-day weight - 39
680-687	R3_K2_40	Replicate 3-year DHKS 2-day weight - 40
688-695	R3_K2_41	Replicate 3-year DHKS 2-day weight - 41
696-703	R3_K2_42	Replicate 3-year DHKS 2-day weight - 42
704-711	R3_K2_43	Replicate 3-year DHKS 2-day weight - 43
712-713	VARSTRAT	Variance-estimation stratum
714	VARUNIT	Variance-estimation unit
715-718	YEAR	Year of survey

There are 5,765 records, one per DHKS 1994-96 respondent.
 The DHKS 2-day weight fields are blank for respondents not
 providing a second day. All fields are integers.

9.4 File Formats for Jackknife Replicate Weights

9.4.5 CSFII 1994-96 (3-year) household jackknife replicate weight file format

(to be used with corresponding weight file jkw3yrhh.dat)

Position		Description
1-5	HHID	Household ID
6-13	WT3_HH	Full-sample 3-year household weight
14-21	R3_HH_01	Replicate 3-year household weight - 1
22-29	R3_HH_02	Replicate 3-year household weight - 2
30-37	R3_HH_03	Replicate 3-year household weight - 3
38-45	R3_HH_04	Replicate 3-year household weight - 4
46-53	R3_HH_05	Replicate 3-year household weight - 5
54-61	R3_HH_06	Replicate 3-year household weight - 6
62-69	R3_HH_07	Replicate 3-year household weight - 7
70-77	R3_HH_08	Replicate 3-year household weight - 8
78-85	R3_HH_09	Replicate 3-year household weight - 9
86-93	R3_HH_10	Replicate 3-year household weight - 10
94-101	R3_HH_11	Replicate 3-year household weight - 11
102-109	R3_HH_12	Replicate 3-year household weight - 12
110-117	R3_HH_13	Replicate 3-year household weight - 13
118-125	R3_HH_14	Replicate 3-year household weight - 14
126-133	R3_HH_15	Replicate 3-year household weight - 15
134-141	R3_HH_16	Replicate 3-year household weight - 16
142-149	R3_HH_17	Replicate 3-year household weight - 17
150-157	R3_HH_18	Replicate 3-year household weight - 18
158-165	R3_HH_19	Replicate 3-year household weight - 19
166-173	R3_HH_20	Replicate 3-year household weight - 20
174-181	R3_HH_21	Replicate 3-year household weight - 21
182-189	R3_HH_22	Replicate 3-year household weight - 22
190-197	R3_HH_23	Replicate 3-year household weight - 23
198-205	R3_HH_24	Replicate 3-year household weight - 24
206-213	R3_HH_25	Replicate 3-year household weight - 25
214-221	R3_HH_26	Replicate 3-year household weight - 26
222-229	R3_HH_27	Replicate 3-year household weight - 27
230-237	R3_HH_28	Replicate 3-year household weight - 28
238-245	R3_HH_29	Replicate 3-year household weight - 29
246-253	R3_HH_30	Replicate 3-year household weight - 30
254-261	R3_HH_31	Replicate 3-year household weight - 31
262-269	R3_HH_32	Replicate 3-year household weight - 32
270-277	R3_HH_33	Replicate 3-year household weight - 33
278-285	R3_HH_34	Replicate 3-year household weight - 34
286-293	R3_HH_35	Replicate 3-year household weight - 35
294-301	R3_HH_36	Replicate 3-year household weight - 36
302-309	R3_HH_37	Replicate 3-year household weight - 37
310-317	R3_HH_38	Replicate 3-year household weight - 38
318-325	R3_HH_39	Replicate 3-year household weight - 39
326-333	R3_HH_40	Replicate 3-year household weight - 40
334-341	R3_HH_41	Replicate 3-year household weight - 41
342-349	R3_HH_42	Replicate 3-year household weight - 42
350-357	R3_HH_43	Replicate 3-year household weight - 43

3-year CSFII household jackknife replicate weight file - continued

358-359	VARSTRAT	Variance-estimation stratum
360	VARUNIT	Variance-estimation unit
361-364	YEAR	Year of survey

There are 8,067 records, one per household with at least one CSFII 1994-96 Day 1 respondent. All fields are integers. Match on HHID to merge with a household level file.

9.4 File Formats for Jackknife Replicate Weights

9.4.1 CSFII 1994-96, 1998 (4-year) jackknife replicate weight file format

(to be used with corresponding weight file jkw4yracs.dat)

Position		Description
1-5	HHID	Household ID
6-7	SPNUM	Sample person number
8-15	WT4_DAY1	Full-sample 4-year day 1 weight
16-23	WT4_2DAY	Full-sample 4-year 2-day weight
24-31	R4_D1_01	Replicate 4-year day 1 weight - 1
32-39	R4_D1_02	Replicate 4-year day 1 weight - 2
40-47	R4_D1_03	Replicate 4-year day 1 weight - 3
48-55	R4_D1_04	Replicate 4-year day 1 weight - 4
56-63	R4_D1_05	Replicate 4-year day 1 weight - 5
64-71	R4_D1_06	Replicate 4-year day 1 weight - 6
72-79	R4_D1_07	Replicate 4-year day 1 weight - 7
80-87	R4_D1_08	Replicate 4-year day 1 weight - 8
88-95	R4_D1_09	Replicate 4-year day 1 weight - 9
96-103	R4_D1_10	Replicate 4-year day 1 weight - 10
104-111	R4_D1_11	Replicate 4-year day 1 weight - 11
112-119	R4_D1_12	Replicate 4-year day 1 weight - 12
120-127	R4_D1_13	Replicate 4-year day 1 weight - 13
128-135	R4_D1_14	Replicate 4-year day 1 weight - 14
136-143	R4_D1_15	Replicate 4-year day 1 weight - 15
144-151	R4_D1_16	Replicate 4-year day 1 weight - 16
152-159	R4_D1_17	Replicate 4-year day 1 weight - 17
160-167	R4_D1_18	Replicate 4-year day 1 weight - 18
168-175	R4_D1_19	Replicate 4-year day 1 weight - 19
176-183	R4_D1_20	Replicate 4-year day 1 weight - 20
184-191	R4_D1_21	Replicate 4-year day 1 weight - 21
192-199	R4_D1_22	Replicate 4-year day 1 weight - 22
200-207	R4_D1_23	Replicate 4-year day 1 weight - 23
208-215	R4_D1_24	Replicate 4-year day 1 weight - 24
216-223	R4_D1_25	Replicate 4-year day 1 weight - 25
224-231	R4_D1_26	Replicate 4-year day 1 weight - 26
232-239	R4_D1_27	Replicate 4-year day 1 weight - 27
240-247	R4_D1_28	Replicate 4-year day 1 weight - 28
248-255	R4_D1_29	Replicate 4-year day 1 weight - 29
256-263	R4_D1_30	Replicate 4-year day 1 weight - 30
264-271	R4_D1_31	Replicate 4-year day 1 weight - 31
272-279	R4_D1_32	Replicate 4-year day 1 weight - 32
280-287	R4_D1_33	Replicate 4-year day 1 weight - 33
288-295	R4_D1_34	Replicate 4-year day 1 weight - 34
296-303	R4_D1_35	Replicate 4-year day 1 weight - 35
304-311	R4_D1_36	Replicate 4-year day 1 weight - 36
312-319	R4_D1_37	Replicate 4-year day 1 weight - 37
320-327	R4_D1_38	Replicate 4-year day 1 weight - 38
328-335	R4_D1_39	Replicate 4-year day 1 weight - 39
336-343	R4_D1_40	Replicate 4-year day 1 weight - 40
344-351	R4_D1_41	Replicate 4-year day 1 weight - 41
352-359	R4_D1_42	Replicate 4-year day 1 weight - 42
360-367	R4_D1_43	Replicate 4-year day 1 weight - 43

4-year CSFII jackknife replicate weight file - continued

368-375	R4_2D_01	Replicate 4-year 2-day weight - 1
376-383	R4_2D_02	Replicate 4-year 2-day weight - 2
384-391	R4_2D_03	Replicate 4-year 2-day weight - 3
392-399	R4_2D_04	Replicate 4-year 2-day weight - 4
400-407	R4_2D_05	Replicate 4-year 2-day weight - 5
408-415	R4_2D_06	Replicate 4-year 2-day weight - 6
416-423	R4_2D_07	Replicate 4-year 2-day weight - 7
424-431	R4_2D_08	Replicate 4-year 2-day weight - 8
432-439	R4_2D_09	Replicate 4-year 2-day weight - 9
440-447	R4_2D_10	Replicate 4-year 2-day weight - 10
448-455	R4_2D_11	Replicate 4-year 2-day weight - 11
456-463	R4_2D_12	Replicate 4-year 2-day weight - 12
464-471	R4_2D_13	Replicate 4-year 2-day weight - 13
472-479	R4_2D_14	Replicate 4-year 2-day weight - 14
480-487	R4_2D_15	Replicate 4-year 2-day weight - 15
488-495	R4_2D_16	Replicate 4-year 2-day weight - 16
496-503	R4_2D_17	Replicate 4-year 2-day weight - 17
504-511	R4_2D_18	Replicate 4-year 2-day weight - 18
512-519	R4_2D_19	Replicate 4-year 2-day weight - 19
520-527	R4_2D_20	Replicate 4-year 2-day weight - 20
528-535	R4_2D_21	Replicate 4-year 2-day weight - 21
536-543	R4_2D_22	Replicate 4-year 2-day weight - 22
544-551	R4_2D_23	Replicate 4-year 2-day weight - 23
552-559	R4_2D_24	Replicate 4-year 2-day weight - 24
560-567	R4_2D_25	Replicate 4-year 2-day weight - 25
568-575	R4_2D_26	Replicate 4-year 2-day weight - 26
576-583	R4_2D_27	Replicate 4-year 2-day weight - 27
584-591	R4_2D_28	Replicate 4-year 2-day weight - 28
592-599	R4_2D_29	Replicate 4-year 2-day weight - 29
600-607	R4_2D_30	Replicate 4-year 2-day weight - 30
608-615	R4_2D_31	Replicate 4-year 2-day weight - 31
616-623	R4_2D_32	Replicate 4-year 2-day weight - 32
624-631	R4_2D_33	Replicate 4-year 2-day weight - 33
632-639	R4_2D_34	Replicate 4-year 2-day weight - 34
640-647	R4_2D_35	Replicate 4-year 2-day weight - 35
648-655	R4_2D_36	Replicate 4-year 2-day weight - 36
656-663	R4_2D_37	Replicate 4-year 2-day weight - 37
664-671	R4_2D_38	Replicate 4-year 2-day weight - 38
672-679	R4_2D_39	Replicate 4-year 2-day weight - 39
680-687	R4_2D_40	Replicate 4-year 2-day weight - 40
688-695	R4_2D_41	Replicate 4-year 2-day weight - 41
696-703	R4_2D_42	Replicate 4-year 2-day weight - 42
704-711	R4_2D_43	Replicate 4-year 2-day weight - 43
712-713	VARSTR4T	Variance-estimation stratum
714	VARUNIT	Variance-estimation unit
715-718	YEAR	Year of survey

There are 21,662 records, one per CSFII 1994-96, 1998 Day 1 respondent. The 2-day weight fields are blank for respondents not providing a second day. All fields are integers.

9.4 File Formats for Jackknife Replicate Weights

9.4.4 CSFII 1994-96, 1998 (4-year) household jackknife replicate weight file format

(to be used with corresponding weight file jkw4yrhh.dat)

Position		Description
1-5	HHID	Household ID
6-13	WT4_HH	Full-sample 4-year household weight
14-21	R4_HH_01	Replicate 4-year household weight - 1
22-29	R4_HH_02	Replicate 4-year household weight - 2
30-37	R4_HH_03	Replicate 4-year household weight - 3
38-45	R4_HH_04	Replicate 4-year household weight - 4
46-53	R4_HH_05	Replicate 4-year household weight - 5
54-61	R4_HH_06	Replicate 4-year household weight - 6
62-69	R4_HH_07	Replicate 4-year household weight - 7
70-77	R4_HH_08	Replicate 4-year household weight - 8
78-85	R4_HH_09	Replicate 4-year household weight - 9
86-93	R4_HH_10	Replicate 4-year household weight - 10
94-101	R4_HH_11	Replicate 4-year household weight - 11
102-109	R4_HH_12	Replicate 4-year household weight - 12
110-117	R4_HH_13	Replicate 4-year household weight - 13
118-125	R4_HH_14	Replicate 4-year household weight - 14
126-133	R4_HH_15	Replicate 4-year household weight - 15
134-141	R4_HH_16	Replicate 4-year household weight - 16
142-149	R4_HH_17	Replicate 4-year household weight - 17
150-157	R4_HH_18	Replicate 4-year household weight - 18
158-165	R4_HH_19	Replicate 4-year household weight - 19
166-173	R4_HH_20	Replicate 4-year household weight - 20
174-181	R4_HH_21	Replicate 4-year household weight - 21
182-189	R4_HH_22	Replicate 4-year household weight - 22
190-197	R4_HH_23	Replicate 4-year household weight - 23
198-205	R4_HH_24	Replicate 4-year household weight - 24
206-213	R4_HH_25	Replicate 4-year household weight - 25
214-221	R4_HH_26	Replicate 4-year household weight - 26
222-229	R4_HH_27	Replicate 4-year household weight - 27
230-237	R4_HH_28	Replicate 4-year household weight - 28
238-245	R4_HH_29	Replicate 4-year household weight - 29
246-253	R4_HH_30	Replicate 4-year household weight - 30
254-261	R4_HH_31	Replicate 4-year household weight - 31
262-269	R4_HH_32	Replicate 4-year household weight - 32
270-277	R4_HH_33	Replicate 4-year household weight - 33
278-285	R4_HH_34	Replicate 4-year household weight - 34
286-293	R4_HH_35	Replicate 4-year household weight - 35
294-301	R4_HH_36	Replicate 4-year household weight - 36
302-309	R4_HH_37	Replicate 4-year household weight - 37
310-317	R4_HH_38	Replicate 4-year household weight - 38
318-325	R4_HH_39	Replicate 4-year household weight - 39
326-333	R4_HH_40	Replicate 4-year household weight - 40
334-341	R4_HH_41	Replicate 4-year household weight - 41
342-349	R4_HH_42	Replicate 4-year household weight - 42
350-357	R4_HH_43	Replicate 4-year household weight - 43

4-year CSFII household jackknife replicate weight file - continued

358-359	VARSTRAT	Variance-estimation stratum
360	VARUNIT	Variance-estimation unit
361-364	YEAR	Year of survey

There are 12,364 records, one per household with at least one CSFII 1994-96, 1998 Day 1 respondent. All fields are integers.

9.4 File Formats for Jackknife Replicate Weights

9.4.2 Annual CSFII 1994-96, 1998 jackknife replicate weight file format

(to be used with corresponding weight file jkwanncs.dat)

Position		Description
1-5	HHID	Household ID
6-7	SPNUM	Sample person number
8-15	WTA_DAY1	Full-sample annual day 1 weight
16-23	WTA_2DAY	Full-sample annual 2-day weight
24-31	RA_D1_01	Replicate annual day 1 weight - 1
32-39	RA_D1_02	Replicate annual day 1 weight - 2
40-47	RA_D1_03	Replicate annual day 1 weight - 3
48-55	RA_D1_04	Replicate annual day 1 weight - 4
56-63	RA_D1_05	Replicate annual day 1 weight - 5
64-71	RA_D1_06	Replicate annual day 1 weight - 6
72-79	RA_D1_07	Replicate annual day 1 weight - 7
80-87	RA_D1_08	Replicate annual day 1 weight - 8
88-95	RA_D1_09	Replicate annual day 1 weight - 9
96-103	RA_D1_10	Replicate annual day 1 weight - 10
104-111	RA_D1_11	Replicate annual day 1 weight - 11
112-119	RA_D1_12	Replicate annual day 1 weight - 12
120-127	RA_D1_13	Replicate annual day 1 weight - 13
128-135	RA_D1_14	Replicate annual day 1 weight - 14
136-143	RA_D1_15	Replicate annual day 1 weight - 15
144-151	RA_D1_16	Replicate annual day 1 weight - 16
152-159	RA_D1_17	Replicate annual day 1 weight - 17
160-167	RA_D1_18	Replicate annual day 1 weight - 18
168-175	RA_D1_19	Replicate annual day 1 weight - 19
176-183	RA_D1_20	Replicate annual day 1 weight - 20
184-191	RA_D1_21	Replicate annual day 1 weight - 21
192-199	RA_D1_22	Replicate annual day 1 weight - 22
200-207	RA_D1_23	Replicate annual day 1 weight - 23
208-215	RA_D1_24	Replicate annual day 1 weight - 24
216-223	RA_D1_25	Replicate annual day 1 weight - 25
224-231	RA_D1_26	Replicate annual day 1 weight - 26
232-239	RA_D1_27	Replicate annual day 1 weight - 27
240-247	RA_D1_28	Replicate annual day 1 weight - 28
248-255	RA_D1_29	Replicate annual day 1 weight - 29
256-263	RA_D1_30	Replicate annual day 1 weight - 30
264-271	RA_D1_31	Replicate annual day 1 weight - 31
272-279	RA_D1_32	Replicate annual day 1 weight - 32
280-287	RA_D1_33	Replicate annual day 1 weight - 33
288-295	RA_D1_34	Replicate annual day 1 weight - 34
296-303	RA_D1_35	Replicate annual day 1 weight - 35
304-311	RA_D1_36	Replicate annual day 1 weight - 36
312-319	RA_D1_37	Replicate annual day 1 weight - 37
320-327	RA_D1_38	Replicate annual day 1 weight - 38
328-335	RA_D1_39	Replicate annual day 1 weight - 39
336-343	RA_D1_40	Replicate annual day 1 weight - 40
344-351	RA_D1_41	Replicate annual day 1 weight - 41
352-359	RA_D1_42	Replicate annual day 1 weight - 42
360-367	RA_D1_43	Replicate annual day 1 weight - 43

Annual CSFII jackknife replicate weight file - continued

368-375	RA_2D_01	Replicate annual 2-day weight - 1
376-383	RA_2D_02	Replicate annual 2-day weight - 2
384-391	RA_2D_03	Replicate annual 2-day weight - 3
392-399	RA_2D_04	Replicate annual 2-day weight - 4
400-407	RA_2D_05	Replicate annual 2-day weight - 5
408-415	RA_2D_06	Replicate annual 2-day weight - 6
416-423	RA_2D_07	Replicate annual 2-day weight - 7
424-431	RA_2D_08	Replicate annual 2-day weight - 8
432-439	RA_2D_09	Replicate annual 2-day weight - 9
440-447	RA_2D_10	Replicate annual 2-day weight - 10
448-455	RA_2D_11	Replicate annual 2-day weight - 11
456-463	RA_2D_12	Replicate annual 2-day weight - 12
464-471	RA_2D_13	Replicate annual 2-day weight - 13
472-479	RA_2D_14	Replicate annual 2-day weight - 14
480-487	RA_2D_15	Replicate annual 2-day weight - 15
488-495	RA_2D_16	Replicate annual 2-day weight - 16
496-503	RA_2D_17	Replicate annual 2-day weight - 17
504-511	RA_2D_18	Replicate annual 2-day weight - 18
512-519	RA_2D_19	Replicate annual 2-day weight - 19
520-527	RA_2D_20	Replicate annual 2-day weight - 20
528-535	RA_2D_21	Replicate annual 2-day weight - 21
536-543	RA_2D_22	Replicate annual 2-day weight - 22
544-551	RA_2D_23	Replicate annual 2-day weight - 23
552-559	RA_2D_24	Replicate annual 2-day weight - 24
560-567	RA_2D_25	Replicate annual 2-day weight - 25
568-575	RA_2D_26	Replicate annual 2-day weight - 26
576-583	RA_2D_27	Replicate annual 2-day weight - 27
584-591	RA_2D_28	Replicate annual 2-day weight - 28
592-599	RA_2D_29	Replicate annual 2-day weight - 29
600-607	RA_2D_30	Replicate annual 2-day weight - 30
608-615	RA_2D_31	Replicate annual 2-day weight - 31
616-623	RA_2D_32	Replicate annual 2-day weight - 32
624-631	RA_2D_33	Replicate annual 2-day weight - 33
632-639	RA_2D_34	Replicate annual 2-day weight - 34
640-647	RA_2D_35	Replicate annual 2-day weight - 35
648-655	RA_2D_36	Replicate annual 2-day weight - 36
656-663	RA_2D_37	Replicate annual 2-day weight - 37
664-671	RA_2D_38	Replicate annual 2-day weight - 38
672-679	RA_2D_39	Replicate annual 2-day weight - 39
680-687	RA_2D_40	Replicate annual 2-day weight - 40
688-695	RA_2D_41	Replicate annual 2-day weight - 41
696-703	RA_2D_42	Replicate annual 2-day weight - 42
704-711	RA_2D_43	Replicate annual 2-day weight - 43
712-713	VARSTRAT	Variance-estimation stratum
714	VARUNIT	Variance-estimation unit
715-718	YEAR	Year of survey

There are 21,662 records, one per CSFII 1994-96, 1998 Day 1 respondent. The 2-day weight fields are blank for respondents not providing a second day. All fields are integers.

9.4 File Formats for Jackknife Replicate Weights

9.4.6 Annual DHKS 1994-96 jackknife replicate weight file format

(to be used with corresponding weight file jkwanndh.dat)

Position		Description
1-5	HHID	Household ID
6-7	SPNUM	Sample person number
8-15	WTA_DHK	Full-sample annual DHKS weight
16-23	WTA_DHK2	Full-sample annual DHKS 2-day weight
24-31	RA_DK_01	Replicate annual DHKS weight - 1
32-39	RA_DK_02	Replicate annual DHKS weight - 2
40-47	RA_DK_03	Replicate annual DHKS weight - 3
48-55	RA_DK_04	Replicate annual DHKS weight - 4
56-63	RA_DK_05	Replicate annual DHKS weight - 5
64-71	RA_DK_06	Replicate annual DHKS weight - 6
72-79	RA_DK_07	Replicate annual DHKS weight - 7
80-87	RA_DK_08	Replicate annual DHKS weight - 8
88-95	RA_DK_09	Replicate annual DHKS weight - 9
96-103	RA_DK_10	Replicate annual DHKS weight - 10
104-111	RA_DK_11	Replicate annual DHKS weight - 11
112-119	RA_DK_12	Replicate annual DHKS weight - 12
120-127	RA_DK_13	Replicate annual DHKS weight - 13
128-135	RA_DK_14	Replicate annual DHKS weight - 14
136-143	RA_DK_15	Replicate annual DHKS weight - 15
144-151	RA_DK_16	Replicate annual DHKS weight - 16
152-159	RA_DK_17	Replicate annual DHKS weight - 17
160-167	RA_DK_18	Replicate annual DHKS weight - 18
168-175	RA_DK_19	Replicate annual DHKS weight - 19
176-183	RA_DK_20	Replicate annual DHKS weight - 20
184-191	RA_DK_21	Replicate annual DHKS weight - 21
192-199	RA_DK_22	Replicate annual DHKS weight - 22
200-207	RA_DK_23	Replicate annual DHKS weight - 23
208-215	RA_DK_24	Replicate annual DHKS weight - 24
216-223	RA_DK_25	Replicate annual DHKS weight - 25
224-231	RA_DK_26	Replicate annual DHKS weight - 26
232-239	RA_DK_27	Replicate annual DHKS weight - 27
240-247	RA_DK_28	Replicate annual DHKS weight - 28
248-255	RA_DK_29	Replicate annual DHKS weight - 29
256-263	RA_DK_30	Replicate annual DHKS weight - 30
264-271	RA_DK_31	Replicate annual DHKS weight - 31
272-279	RA_DK_32	Replicate annual DHKS weight - 32
280-287	RA_DK_33	Replicate annual DHKS weight - 33
288-295	RA_DK_34	Replicate annual DHKS weight - 34
296-303	RA_DK_35	Replicate annual DHKS weight - 35
304-311	RA_DK_36	Replicate annual DHKS weight - 36
312-319	RA_DK_37	Replicate annual DHKS weight - 37
320-327	RA_DK_38	Replicate annual DHKS weight - 38
328-335	RA_DK_39	Replicate annual DHKS weight - 39
336-343	RA_DK_40	Replicate annual DHKS weight - 40
344-351	RA_DK_41	Replicate annual DHKS weight - 41
352-359	RA_DK_42	Replicate annual DHKS weight - 42
360-367	RA_DK_43	Replicate annual DHKS weight - 43

Annual DHKS jackknife replicate weight file - continued

368-375	RA_K2_01	Replicate annual DHKS 2-day weight - 1
376-383	RA_K2_02	Replicate annual DHKS 2-day weight - 2
384-391	RA_K2_03	Replicate annual DHKS 2-day weight - 3
392-399	RA_K2_04	Replicate annual DHKS 2-day weight - 4
400-407	RA_K2_05	Replicate annual DHKS 2-day weight - 5
408-415	RA_K2_06	Replicate annual DHKS 2-day weight - 6
416-423	RA_K2_07	Replicate annual DHKS 2-day weight - 7
424-431	RA_K2_08	Replicate annual DHKS 2-day weight - 8
432-439	RA_K2_09	Replicate annual DHKS 2-day weight - 9
440-447	RA_K2_10	Replicate annual DHKS 2-day weight - 10
448-455	RA_K2_11	Replicate annual DHKS 2-day weight - 11
456-463	RA_K2_12	Replicate annual DHKS 2-day weight - 12
464-471	RA_K2_13	Replicate annual DHKS 2-day weight - 13
472-479	RA_K2_14	Replicate annual DHKS 2-day weight - 14
480-487	RA_K2_15	Replicate annual DHKS 2-day weight - 15
488-495	RA_K2_16	Replicate annual DHKS 2-day weight - 16
496-503	RA_K2_17	Replicate annual DHKS 2-day weight - 17
504-511	RA_K2_18	Replicate annual DHKS 2-day weight - 18
512-519	RA_K2_19	Replicate annual DHKS 2-day weight - 19
520-527	RA_K2_20	Replicate annual DHKS 2-day weight - 20
528-535	RA_K2_21	Replicate annual DHKS 2-day weight - 21
536-543	RA_K2_22	Replicate annual DHKS 2-day weight - 22
544-551	RA_K2_23	Replicate annual DHKS 2-day weight - 23
552-559	RA_K2_24	Replicate annual DHKS 2-day weight - 24
560-567	RA_K2_25	Replicate annual DHKS 2-day weight - 25
568-575	RA_K2_26	Replicate annual DHKS 2-day weight - 26
576-583	RA_K2_27	Replicate annual DHKS 2-day weight - 27
584-591	RA_K2_28	Replicate annual DHKS 2-day weight - 28
592-599	RA_K2_29	Replicate annual DHKS 2-day weight - 29
600-607	RA_K2_30	Replicate annual DHKS 2-day weight - 30
608-615	RA_K2_31	Replicate annual DHKS 2-day weight - 31
616-623	RA_K2_32	Replicate annual DHKS 2-day weight - 32
624-631	RA_K2_33	Replicate annual DHKS 2-day weight - 33
632-639	RA_K2_34	Replicate annual DHKS 2-day weight - 34
640-647	RA_K2_35	Replicate annual DHKS 2-day weight - 35
648-655	RA_K2_36	Replicate annual DHKS 2-day weight - 36
656-663	RA_K2_37	Replicate annual DHKS 2-day weight - 37
664-671	RA_K2_38	Replicate annual DHKS 2-day weight - 38
672-679	RA_K2_39	Replicate annual DHKS 2-day weight - 39
680-687	RA_K2_40	Replicate annual DHKS 2-day weight - 40
688-695	RA_K2_41	Replicate annual DHKS 2-day weight - 41
696-703	RA_K2_42	Replicate annual DHKS 2-day weight - 42
704-711	RA_K2_43	Replicate annual DHKS 2-day weight - 43
712-713	VARSTRAT	Variance-estimation stratum
714	VARUNIT	Variance-estimation unit
715-718	YEAR	Year of survey

There are 5,765 records, one per DHKS 1994-96 respondent. The DHKS 2-day weight fields are blank for respondents not providing a second day. All fields are integers.

9. FILE FORMATS FOR CSFII 1994-96, 1998

9.3 Additional Documentation on Calculated Variables

This section documents fields with definitions too complex to be presented in the body of the file formats (section 9.2). These calculated fields are presented by record type and location, beginning with the key fields located at the beginning of each record type. The fields documented below are as follows:

- 1) Key fields INCOME Annual income (imputations)
 INCREP Original response to H52
 IMPFLAG Income imputation flag
 PCTPOV Annual income as a percentage
 of poverty level
 POVCAT Annual income as a percentage
 of poverty level and categorized
- 2) Record type 20, 25, 50 EMP_STAT Employment status
- 3) Record type 35 GRAIN0 -- BEV242 Food group totals
- 4) Record type 40 R_ENERGY -- R_ZINC Nutrient intakes as
 percentages of the RDA

1) Key Fields (all record types)

INCOME - Annual household income for the previous calendar year.

The field INCOME contains the actual income reported in question H52 for about 75% of the households. The field INCREP describes the coded reason for not having a response to question H52. An explicit value for annual income was not provided for the remaining households but was imputed by one of several methods.

Household income was collected in several ways during the household interview. For example, in 1996 annual income was requested from the household respondent with question H52 by asking "During 1995, approximately how much income from all sources did you and other household members have before income taxes?" Responses coded in the field INCREP were an actual amount in dollars, "not a household unit in 1995," "refused," "don't know," and "not ascertained". If the response was "don't know" or "refused" the respondent was then shown a card containing a list of income ranges and was asked question H53, "Please tell me which letter on this card best represents your combined household income before taxes for 1995." The income ranges coded in the field INCCODE were:

- | | |
|-------------------------|-------------------------|
| A. Under \$5,000 | H. \$35,000 to \$39,999 |
| B. \$5,000 to \$9,999 | I. \$40,000 to \$44,999 |
| C. \$10,000 to \$14,999 | J. \$45,000 to \$49,999 |
| D. \$15,000 to \$19,999 | K. \$50,000 to \$59,999 |
| E. \$20,000 to \$24,999 | L. \$60,000 to \$74,999 |
| F. \$25,000 to \$29,999 | M. \$75,000 to \$99,999 |
| G. \$30,000 to \$34,999 | N. \$100,000 and over |

"Don't know" and "refused" were accepted as valid responses. Households originally providing an actual figure were not asked question H53. For those households, the field INCCODE is blank.

Household income was also requested in monthly terms. For questions H56 and H57 household respondents were handed a card listing various sources from which members of the household might receive income and were asked first, "Please tell me if any member of this household received income last month from ..." for each of the sources and secondly, "What was the total income received last month by all members of your household before taxes and other deductions?" for each of the sources.

These sources are:

- A. Wages or salary from a job including tips or commissions
- B. Any Social Security or Supplemental Security income
- C. Income from pension or retirement
- D. Unemployment or workmen's compensation
- E. AFDC, general assistance or other public assistance program -- not including food stamps or WIC benefits
- F. Other sources, such as alimony, child support, and other regular monthly contributions from persons not living in this household

This information was coded in the fields MINC_S1 - MINC_A6.

In order to have an annual household income figure for all households incomes were imputed by one of the four methods described below within a sample year.

1. For each household providing annual household income in the form of a range (INCCODE = 'A' to 'N'), the mean income of all households reporting a dollar figure within that income range was assigned to be the annual income figure.
2. For each household not reporting at all on their total annual household income but providing complete monthly income, 12 times the monthly income figure was assigned to be the annual income figure.

3. For each household providing neither annual nor monthly income but completing a household interview, income figures were imputed using a regression model technique. For this imputation a linear regression model relating the past year's annual income to household characteristics and personal characteristics of the household members was estimated by Ordinary Least Squares using the SAS software package. The selection of variables and functional form was guided by standard labor economic and econometric concerns, both theoretical and practical. The model is provided below.
4. Over the 3 years, 62 households did not complete a household interview although each had at least 1 member participate as a sample person. Incomes were imputed for these households by assigning them the mean annual income among income-reporting households within their area segment.

The field IMPFLAG, discussed below after the regression model, provides the method of imputation used, if it was used at all.

Of the 12,364 households in the 1994-96, 1998 sample, 2,909 did not report an actual figure for annual income. Of these 2,909 households, 1,677 specified a range, that is, they answered question H53, and imputation method 1 was used. The remaining 1,232 households did not provide annual income in either form. Of these 1,232 households, 285 provided monthly income with enough completeness for method 2 to be used, 885 did not provide complete monthly income but did otherwise complete a household interview so that method 3 was used, and 62 did not complete a household interview so that method 4 was used to impute income.

In tabular form:

	1994-96, 1998	
	Number	Percent
Actual annual income reported.....	9,455	76.5%
Actual annual income not reported but income range given.....	1,677	13.6%
Annual income not reported at all but monthly income given.....	285	2.3%
Neither annual nor monthly income reported but household interview completed.....	885	7.2%
Household interview not completed...	62	0.5%
Total.....	12,364	100.0%

By year:

	1994	Number	Percent
Actual annual income reported.....	2,044		74.6%
Actual annual income not reported but income range given.....	391		14.3%
Annual income not reported at all but monthly income given.....	73		2.7%
Neither annual nor monthly income reported but household interview completed.....	213		7.8%
Household interview not completed...	19		0.7%
Total.....	2,740		100.0%

	1995	Number	Percent
Actual annual income reported.....	2,161		76.7%
Actual annual income not reported but income range given.....	341		12.1%
Annual income not reported at all but monthly income given.....	70		2.5%
Neither annual nor monthly income reported but household interview completed.....	232		8.2%
Household interview not completed...	14		0.5%
Total.....	2,818		100.0%

1996

	Number	Percent
Actual annual income reported.....	1,960	78.1%
Actual annual income not reported but income range given.....	305	12.2%
Annual income not reported at all but monthly income given.....	51	2.0%
Neither annual nor monthly income reported but household interview completed.....	185	7.4%
Household interview not completed...	8	0.3%
Total.....	2,509	100.0%

1998

	Number	Percent
Actual annual income reported.....	3,289	76.5%
Actual annual income not reported but income range given.....	641	14.9%
Annual income not reported at all but monthly income given.....	91	2.1%
Neither annual nor monthly income reported but household interview completed.....	255	5.9%
Household interview not completed...	21	0.5%
Total.....	4,297	100.0%

The annual household income, whether imputed or not, is found in columns 18-23 of all records and has the name INCOME. A dollar amount is provided up to \$99,999. Households with incomes greater than \$99,999 have INCOME values of 100000 meaning "100,000 or more."

Regression model for INCOME in CSFII 1994

Where the regression model was used coefficients were estimated from income-reporting households. By this model, the annual income of a household from the 1994 sample in thousands of dollars, was estimated to be:

-7.193395		+
-1.515838	* F_HS	+
4.936151	* F_COL	+
-2.013644	* F_ORIGIN	+
7.222560	* F_OCC1	+
6.575068	* F_OCC2	+
-8.781465	* F_OCC3	+
2.180068	* F_OCC4	+
5.847234	* F_OCC5	+
3.214821	* F_OCC6	+
-1.779115	* F_OCC7	+
5.004208	* F_OCC8	+
1.959114	* F_EMP2	+
0.130648	* F_EDNB_2	+
-0.067893	* F_EDN_2	+
1.562896	* F_EDB	+
0.459231	* F_EDN	+
-0.090208	* F_EXNB	+
-0.000282	* F_EXB_2	+
-1.747478	* F_EDNB	+
-1.194621	* F_ED	+
-0.253971	* F_EXN	+
6.500448	* F_HRS1	+
-0.121862	* F_EDB_2	+
1.676336	* F_RACE3	+
9.791298	* F_HRS2	+
0.002219	* F_EXN_2	+
-1.624953	* F_EMP1	+
0.573412	* F_EX	+
6.504729	* F_ONLY	+
-0.135890	* F_EXB	+
-0.005173	* F_EX_2	+
1.249087	* F_RACE2	+
0.110660	* F_ED_2	+
0.004178	* F_EXNB_2	+
0.422299	* M_HS	+
5.921117	* M_COL	+
-4.577032	* M_ORIGIN	+
11.336354	* M_OCC1	+
7.744708	* M_OCC2	+
10.638363	* M_OCC3	+
0.163612	* M_OCC4	+
1.243670	* M_OCC5	+

2.179638	*	M_OCC6	+
-0.254009	*	M_OCC7	+
0.542175	*	M_OCC8	+
1.333814	*	M_EMP2	+
-0.100246	*	M_EDNB_2	+
0.075416	*	M_EDN_2	+
3.991240	*	M_EDB	+
-1.580930	*	M_EDN	+
0.051090	*	M_EXNB	+
0.003060	*	M_EXB_2	+
1.719177	*	M_EDNB	+
-1.919545	*	M_ED	+
0.177118	*	M_EXN	+
-4.196974	*	M_HRS1	+
-0.205732	*	M_EDB_2	+
4.911438	*	M_RACE3	+
-0.261956	*	M_HRS2	+
-0.000850	*	M_EXN_2	+
5.843080	*	M_EMP1	+
0.531310	*	M_EX	+
12.437873	*	M_ONLY	+
-0.170264	*	M_EXB	+
-0.005711	*	M_EX_2	+
-15.853776	*	M_RACE2	+
0.124605	*	M_ED_2	+
-0.002696	*	M_EXNB_2	+
1.387486	*	N18	+
-3.045506	*	N66	+
-0.198764	*	N65	+
-5.175646	*	TENANCY2	+
-11.137057	*	TENANCY3	+
0.497661	*	NRTHEAST	+
-2.049685	*	SOUTH	+
-2.364549	*	MIDWEST	+
8.774783	*	FARMB	+
2.142865	*	SUBURBAN	+
-4.548289	*	NONMETRO	+
15.378467	*	NONLOW	+
0.410431	*	SPENT	+
-3.323301	*	YEAR94	+

Where the associated regression statistics were:

N	2,508	F Statistic	27.180
R-Square	0.479	Adjusted R-Square	0.461

Regression model for INCOME in CSFII 1995

Where the regression model was used coefficients were estimated from income-reporting households. By this model the annual income of a household from the 1995 sample in thousands of dollars, was estimated to be:

24.374712	*		+
-1.655687	*	F_HS	+
1.273295	*	F_COL	+
6.241762	*	F_ORIGIN	+
6.654068	*	F_OCC1	+
8.057633	*	F_OCC2	+
-2.846283	*	F_OCC3	+
1.026960	*	F_OCC4	+
-4.574471	*	F_OCC5	+
-2.009174	*	F_OCC6	+
-2.574306	*	F_OCC7	+
4.401518	*	F_OCC8	+
0.218046	*	F_EMP2	+
-0.028606	*	F_EDNB_2	+
-0.034631	*	F_EDN_2	+
0.397538	*	F_EDB	+
0.460013	*	F_EDN	+
0.361310	*	F_EXNB	+
0.007677	*	F_EXB_2	+
0.387229	*	F_EDNB	+
-0.074821	*	F_ED	+
-0.276667	*	F_EXN	+
5.089671	*	F_HRS1	+
-0.029029	*	F_EDB_2	+
-5.323108	*	F_RACE3	+
7.654899	*	F_HRS2	+
0.005037	*	F_EXN_2	+
-1.725941	*	F_EMP1	+
0.442089	*	F_EX	+
4.248938	*	F_ONLY	+
-0.517985	*	F_EXB	+
-0.007009	*	F_EX_2	+
2.152608	*	F_RACE2	+
0.040169	*	F_ED_2	+
-0.005614	*	F_EXNB_2	+
2.960156	*	M_HS	+
15.363110	*	M_COL	+
-7.150080	*	M_ORIGIN	+
8.871849	*	M_OCC1	+
3.166154	*	M_OCC2	+
-9.901947	*	M_OCC3	+
-2.358419	*	M_OCC4	+
-2.520525	*	M_OCC5	+
-2.462030	*	M_OCC6	+
-6.112722	*	M_OCC7	+
-2.468022	*	M_OCC8	+

5.807039	*	M_EMP2	+
-0.030211	*	M_EDNB_2	+
-0.082188	*	M_EDN_2	+
0.474853	*	M_EDB	+
0.838020	*	M_EDN	+
-1.137299	*	M_EXNB	+
-0.001388	*	M_EXB_2	+
1.297461	*	M_EDNB	+
-0.884709	*	M_ED	+
0.623167	*	M_EXN	+
-5.084206	*	M_HRS1	+
-0.039061	*	M_EDB_2	+
-2.407302	*	M_RACE3	+
-3.468975	*	M_HRS2	+
-0.007581	*	M_EXN_2	+
10.971356	*	M_EMP1	+
0.303591	*	M_EX	+
4.988007	*	M_ONLY	+
0.053598	*	M_EXB	+
-0.002559	*	M_EX_2	+
5.714926	*	M_RACE2	+
0.039801	*	M_ED_2	+
0.014667	*	M_EXNB_2	+
-1.317422	*	N18	+
2.583953	*	N66	+
2.324843	*	N65	+
-4.389958	*	TENANCY2	+
-6.978723	*	TENANCY3	+
-5.107740	*	NRTHEAST	+
-4.452937	*	SOUTH	+
-2.048052	*	MIDWEST	+
7.264732	*	FARMB	+
2.734335	*	METRO	+
12.872668	*	NONLOW	+
3.043429	*	SPENT	+
-40.762765	*	YEAR95	

Where the associated regression statistics were:

N	2,818	F Statistic	23.051
R-Square	0.429	Adjusted R-Square	0.410

Regression model for INCOME in CSFII 1996

Where the regression model was used coefficients were estimated from income-reporting households. By this model, the annual income of a household from the 1996 sample in thousands of dollars, was estimated to be:

-13.71677	*		+
-2.58552	*	F_HS	+
3.75907	*	F_COL	+
0.20959	*	F_ORIGIN	+
7.59800	*	F_OCC1	+
9.25102	*	F_OCC2	+
9.13026	*	F_OCC3	+
4.85273	*	F_OCC4	+
5.26426	*	F_OCC5	+
2.57778	*	F_OCC6	+
-1.64793	*	F_OCC7	+
5.42001	*	F_OCC8	+
2.21789	*	F_EMP2	+
-0.01493	*	F_EDNB_2	+
-0.07889	*	F_EDN_2	+
2.30099	*	F_EDB	+
1.09228	*	F_EDN	+
0.37472	*	F_EXNB	+
0.00794	*	F_EXB_2	+
-0.47066	*	F_EDNB	+
-1.78737	*	F_ED	+
-0.42550	*	F_EXN	+
0.44891	*	F_HRS1	+
-0.11506	*	F_EDB_2	+
-2.61126	*	F_RACE3	+
3.54162	*	F_HRS2	+
0.00508	*	F_EXN_2	+
0.17005	*	F_EMP1	+
0.69857	*	F_EX	+
3.05599	*	F_ONLY	+
-0.65307	*	F_EXB	+
-0.00894	*	F_EX_2	+
2.94432	*	F_RACE2	+
0.12649	*	F_ED_2	+
-0.00544	*	F_EXNB_2	+
6.80165	*	M_HS	+
15.64555	*	M_COL	+
-5.70282	*	M_ORIGIN	+
12.28877	*	M_OCC1	+
8.51211	*	M_OCC2	+
-11.08295	*	M_OCC3	+
-10.00960	*	M_OCC4	+
-4.64230	*	M_OCC5	+
-2.50584	*	M_OCC6	+

-5.48763	*	M_OCC7	+
-3.55132	*	M_OCC8	+
-0.08252	*	M_EMP2	+
0.16206	*	M_EDNB_2	+
-0.11622	*	M_EDN_2	+
-0.05302	*	M_EDB	+
1.73787	*	M_EDN	+
-0.32287	*	M_EXNB	+
0.00153	*	M_EXB_2	+
-1.07216	*	M_EDNB	+
-1.50768	*	M_ED	+
-0.27181	*	M_EXN	+
2.04219	*	M_HRS1	+
-0.03128	*	M_EDB_2	+
2.07769	*	M_RACE3	+
4.15150	*	M_HRS2	+
0.00463	*	M_EXN_2	+
-0.21140	*	M_EMP1	+
0.50135	*	M_EX	+
6.55184	*	M_ONLY	+
0.04036	*	M_EXB	+
-0.00732	*	M_EX_2	+
-2.43524	*	M_RACE2	+
0.06169	*	M_ED_2	+
0.00368	*	M_EXNB_2	+
-0.19806	*	N18	+
2.44183	*	N66	+
0.39272	*	N65	+
-5.07624	*	TENANCY3	+
-8.26790	*	TENANCY2	+
-2.58450	*	NRTHEAST	+
-4.71800	*	SOUTH	+
-5.34203	*	MIDWEST	+
7.77790	*	FARM	+
4.88181	*	METRO	+
14.71006	*	NONLOW	+
2.80290	*	SPENT	+
7.67884	*	YEAR96	+

Where the associated regression statistics were:

N	2,509	F Statistic	28.266
R-Square	0.506	Adjusted R-Square	0.488

Regression model for INCOME in CSFII 1998

Where the regression model was used coefficients were estimated from income-reporting households. By this model, the annual income of a household from the 1998 sample in thousands of dollars, was estimated to be:

```

-13.71677 *          +
 3.295990 * INTERCEP +
-0.618096 * F_HS     +
 8.187733 * F_COL    +
 0.090948 * F_ORIGIN +
 1.287180 * F_OCC1   +
 5.136403 * F_OCC2   +
-7.986886 * F_OCC3   +
-0.947152 * F_OCC4   +
 8.522892 * F_OCC5   +
-3.590870 * F_OCC6   +
-2.383131 * F_OCC7   +
 0.815960 * F_OCC8   +
 2.630795 * F_EMP2   +
-0.031668 * F_EDNB_2 +
-0.011471 * F_EDN_2  +
 3.054626 * F_EDB     +
-0.708756 * F_EDN     +
 0.191793 * F_EXNB    +
 0.000101 * F_EXB_2   +
 0.241303 * F_EDNB    +
 0.761612 * F_ED      +
-0.171807 * F_EXN     +
 1.157260 * F_HRS1    +
-0.111840 * F_EDB_2   +
 0.724612 * F_RACE3   +
 5.050820 * F_HRS2    +
 0.000163 * F_EXN_2   +
-3.402912 * F_EMP1    +
 0.187449 * F_EX      +
11.438736 * F_ONLY    +
-0.093747 * F_EXB     +
-0.000176 * F_EX_2    +
-20.117671 * F_RACE2  +
 0.018681 * F_ED_2    +
-0.000204 * F_EXNB_2  +
-0.653377 * M_HS      +
 9.084162 * M_COL     +
 3.680683 * M_ORIGIN  +
 8.065662 * M_OCC1    +
 6.563341 * M_OCC2    +
-2.690116 * M_OCC3    +
-2.284967 * M_OCC4    +
-2.821842 * M_OCC5    +

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-3.034066	*	M_OCC6	+
-6.082194	*	M_OCC7	+
-5.922922	*	M_OCC8	+
7.006343	*	M_EMP2	+
-1.260559	*	M_EDNB_2	+
0.467211	*	M_EDN_2	+
0.868383	*	M_EDB	+
-8.236904	*	M_EDN	+
-4.487203	*	M_EXNB	+
0.000195	*	M_EXB_2	+
19.833231	*	M_EDNB	+
-1.588238	*	M_ED	+
2.049393	*	M_EXN	+
-8.572322	*	M_HRS1	+
-0.086484	*	M_EDB_2	+
-7.355179	*	M_RACE3	+
-2.314079	*	M_HRS2	+
-0.036936	*	M_EXN_2	+
9.456024	*	M_EMP1	+
0.385802	*	M_EX	+
17.746255	*	M_ONLY	+
-0.226282	*	M_EXB	+
-0.000384	*	M_EX_2	+
5.977098	*	M_RACE2	+
0.090090	*	M_ED_2	+
0.063151	*	M_EXNB_2	+
-0.729652	*	N18	+
-0.229041	*	N65	+
-4.790479	*	N66	+
-9.441007	*	TENANCY2	+
-11.994824	*	TENANCY3	+
-3.700012	*	NRTHEAST	+
-4.708542	*	SOUTH	+
-1.859466	*	MIDWEST	+
1.640233	*	FARMB	+
-5.016036	*	METRO	+
16.719116	*	NONLOW	+
2.334810	*	SPENT	+

Where the associated regression statistics were:

N	4,297	F Statistic	44.717
R-Square	0.476	Adjusted R-Square	0.465

The regression variables were defined as follows:

F_ONLY = 1 If household has a female head but no male head.
0 Otherwise.

F_ORIGIN = 1 If female head is Hispanic.
 0 Otherwise (including no female head).

F_RACE2 = 1 If female head's race is black.
 0 Otherwise (including no female head).

F_RACE3 = 1 If female head's race is "other"
 0 Otherwise (including no female head).

 (White race is the base).

F_HS = 1 If female head completed high school but
 not college.
 0 Otherwise (including no female head).

F_COL = 1 If female head completed college (4 years).

 0 Otherwise (including no female head).

 (High school not completed is the base).

F_ED = Female head's education, in years.
 0 If no female head or female head never
 attended school.

F_EDB = F_ED * F_RACE2.

F_EDN = F_ED * F_ONLY.

F_EDNB = F_ED * F_RACE2 * F_ONLY.

F_ED_2 = F_ED * F_ED.

F_EDB_2 = F_EDB * F_EDB.

F_EDN_2 = F_EDN * F_EDN.

F_EDNB_2 = F_EDNB * F_EDNB.

F_EMP1 = 1 If female head was employed, on layoff, or
 looking for work last week.
 0 Otherwise (including no female head).

F_EMP2 = 1 If there was a female head present and
 information on her work activity for
 last week was missing.
 0 Otherwise.

F_EX = Work experience of female head:
 (Age in years - F_ED - 4).
 0 If no female head.

F_EXB = F_EX * F_RACE2.
 F_EXN = F_EX * F_ONLY.
 F_EXNB = F_EX * F_ONLY * F_RACE2.
 F_EX_2 = F_EX * F_EX.
 F_EXB_2 = F_EXB * F_EXB.
 F_EXN_2 = F_EXN * F_EXN.
 F_EXNB_2 = F_EXNB * F_EXNB.
 F_HRS1 = 1 If female head worked between 1 and 34
 hours last week.
 0 Otherwise (including no female head).
 F_HRS2 = 1 If female head worked over 34 hours last
 week.
 0 Otherwise (including no female head).
 F_OCC1 = 1 If female head's occupation is coded:
 professional and technical.
 0 Otherwise (including no female head).
 F_OCC2 = 1 If female head's occupation is coded:
 managers, officers, and proprietors.
 0 Otherwise (including no female head).
 F_OCC3 = 1 If female head's occupation is coded:
 farmers.
 0 Otherwise (including no female head).
 F_OCC4 = 1 If female head's occupation is coded:
 clerical or sales workers.
 0 Otherwise (including no female head).
 F_OCC5 = 1 If female head's occupation is coded:
 craftsmen and foremen.
 0 Otherwise (including no female head).
 F_OCC6 = 1 If female head's occupation is coded:
 operatives.
 0 Otherwise (including no female head).
 F_OCC7 = 1 If female head's occupation is coded:
 service workers and other similar jobs.
 0 Otherwise (including no female head).

F_OCC8 = 1 If female head's occupation is coded:
missing or refused.
0 Otherwise (including no female head).
(Occupation coded as "other" is the base).

M_ONLY = 1 If household has a male head but no
male head.
0 Otherwise.

M_ORIGIN = 1 If male head is Hispanic.
0 Otherwise (including no male head).

M_RACE2 = 1 If male head's race is black.
0 Otherwise (including no male head).

M_RACE3 = 1 If male head's race is "other"
0 Otherwise (including no male head).
(White race is the base).

M_HS = 1 If male head completed high school but not
college.
0 Otherwise (including no male head).

M_COL = 1 If male head completed college (4 years).
0 Otherwise (including no male head).
(High school not completed is the base).

M_ED = Male head's education, in years.
0 If no male head or male head never attended
school.

M_EDB = M_ED * M_RACE2.

M_EDN = M_ED * M_ONLY.

M_EDNB = M_ED * M_RACE2 * M_ONLY.

M_ED_2 = M_ED * M_ED.

M_EDB_2 = M_EDB * M_EDB.

M_EDN_2 = M_EDN * M_EDN.

M_EDNB_2 = M_EDNB * M_EDNB.

M_EMP1 = 1 If male head was employed, on layoff, or
looking for work last week.
0 Otherwise (including no male head).

M_EMP2 = 1 If there was a male head present and information on his work activity for last week was missing.
0 Otherwise.

M_EX = Work experience of male head:
(Age in years - M_ED - 4).
0 If no male head.

M_EXB = M_EX * M_RACE2.

M_EXN = M_EX * M_ONLY.

M_EXNB = M_EX * M_ONLY * M_RACE2.

M_EX_2 = M_EX * M_EX.

M_EXB_2 = M_EXB * M_EXB.

M_EXN_2 = M_EXN * M_EXN.

M_EXNB_2 = M_EXNB * M_EXNB.

M_HRS1 = 1 If male head worked between 1 and 34 hours last week.
0 Otherwise (including no male head).

M_HRS2 = 1 If male head worked over 34 hours last week.
0 Otherwise (including no male head).

M_OCC1 = 1 If male head's occupation is coded: professional and technical.
0 Otherwise (including no male head).

M_OCC2 = 1 If male head's occupation is coded: managers, officers, and proprietors.
0 Otherwise (including no male head).

M_OCC3 = 1 If male head's occupation is coded: farmers.
0 Otherwise (including no male head).

M_OCC4 = 1 If male head's occupation is coded: clerical or sales workers.
0 Otherwise (including no male head).

M_OCC5 = 1 If male head's occupation is coded:
craftsmen and foremen.
0 Otherwise (including no male head).

M_OCC6 = 1 If male head's occupation is coded:
operatives.
0 Otherwise (including no male head).

M_OCC7 = 1 If male head's occupation is coded:
service workers and other similar jobs.
0 Otherwise (including no male head).

M_OCC8 = 1 If male head's occupation is coded:
missing or refused.
0 Otherwise (including no male head).

(Occupation coded as "other" is the base).

N18 = 1 Number of household members age 18 or less.
0 Otherwise.

N65 = 1 Number of household members age 18 to 65.
0 Otherwise.

N66 = 1 Number of household members older than 65.
0 Otherwise.

NORTHEAST = 1 If northeastern household.
0 Otherwise.

MIDWEST = 1 If midwestern household.
0 Otherwise.

SOUTH = 1 If southern household.
0 Otherwise.

(Western household is the base).

METRO = 1 If household is in MSA.
0 Otherwise.

TENANCY2 = 1 If renting residence.
0 Otherwise.

TENANCY3 = 1 If occupying residence without payment of
cash.
0 Otherwise.

(Own residence is the base).

FARMB = 1 If any household member operates a farm or
business.
0 Otherwise.

SPENT = Total amount of money spent in household
(SHP_GROC + SHP_SPEC + SHP_FAST + SHP_AWAY)
0 If 0, refused, don't know, or not
ascertained.

NONLOW = 1 Non low income from screening.
0 Otherwise.

YEAR94 = 1 If year of interview is 1994.
0 Otherwise.

YEAR95 = 1 If year of interview is 1995.
0 Otherwise.

YEAR96 = 1 If year of interview is 1996.
0 Otherwise.

Two fields associated with INCOME and also present on all records are INCREP in column 24 and IMPFLAG in column 30. INCREP tells how the original annual income question H52 was answered. The five coded responses are:

- 1 = Actual income reported.
- 6 = Not a household in previous year.
- 7 = Actual income refused.
- 8 = Actual income unknown.
- 9 = Actual income not ascertained.

IMPFLAG is used to determine whether annual income was imputed and if so, how. The five possible responses are:

- 1 = Not imputed, actual income given.
- 2 = Imputed, imputed value based on categorized household income.
- 3 = Imputed, imputed value based on previous month's income.
- 4 = Imputed, imputed value based on regression coefficients.
- 5 = Imputed, imputed value based on area segment mean.

PCTPOV - Household income as percentage of poverty level

PCTPOV is a ratio of a household's annual income to the poverty threshold appropriate for the household expressed as a percentage. The poverty thresholds are issued by the Bureau of the Census and are based on household income and household size. For CSFII 1998, the 1997 weighted average thresholds were used in the calculation of PCTPOV. The calculation is based on the household size, HHSIZE, and the household's annual income, INCOME. Because PCTPOV is calculated for all households, the field IMPFLAG should be referred to in cases where imputation is a concern.

PCTPOV was calculated for 1994 households as follows:

```
If HHSIZE is 1: PCTPOV = INCOME / 7,363 * 100%
If HHSIZE is 2: PCTPOV = INCOME / 9,414 * 100%
If HHSIZE is 3: PCTPOV = INCOME / 11,522 * 100%
If HHSIZE is 4: PCTPOV = INCOME / 14,763 * 100%
If HHSIZE is 5: PCTPOV = INCOME / 17,449 * 100%
If HHSIZE is 6: PCTPOV = INCOME / 19,718 * 100%
If HHSIZE is 7: PCTPOV = INCOME / 22,383 * 100%
If HHSIZE is 8: PCTPOV = INCOME / 24,838 * 100%
If HHSIZE is 9
    or more: PCTPOV = INCOME / 29,529 * 100%
```

(Source: U.S. Department of Commerce, Bureau of the Census 1995)

PCTPOV was calculated for 1995 households as follows:

If HHSIZE is 1: PCTPOV = INCOME / 7,547 * 100%
If HHSIZE is 2: PCTPOV = INCOME / 9,661 * 100%
If HHSIZE is 3: PCTPOV = INCOME / 11,821 * 100%
If HHSIZE is 4: PCTPOV = INCOME / 15,141 * 100%
If HHSIZE is 5: PCTPOV = INCOME / 17,900 * 100%
If HHSIZE is 6: PCTPOV = INCOME / 20,235 * 100%
If HHSIZE is 7: PCTPOV = INCOME / 22,923 * 100%
If HHSIZE is 8: PCTPOV = INCOME / 25,427 * 100%
If HHSIZE is 9
 or more: PCTPOV = INCOME / 30,300 * 100%

(Source: U.S. Department of Commerce, Bureau of the Census 1996)

PCTPOV was calculated for 1996 households as follows:

If HHSIZE is 1: PCTPOV = INCOME / 7,763 * 100%
If HHSIZE is 2: PCTPOV = INCOME / 9,933 * 100%
If HHSIZE is 3: PCTPOV = INCOME / 12,158 * 100%
If HHSIZE is 4: PCTPOV = INCOME / 15,569 * 100%
If HHSIZE is 5: PCTPOV = INCOME / 18,408 * 100%
If HHSIZE is 6: PCTPOV = INCOME / 20,804 * 100%
If HHSIZE is 7: PCTPOV = INCOME / 23,552 * 100%
If HHSIZE is 8: PCTPOV = INCOME / 26,237 * 100%
If HHSIZE is 9
 or more: PCTPOV = INCOME / 31,280 * 100%

(Source: Baugher and Lamison-White 1996)

PCTPOV was calculated for 1998 households as follows:

If HHSIZE is 1: PCTPOV = INCOME / 8,183 * 100%
If HHSIZE is 2: PCTPOV = INCOME / 10,473 * 100%
If HHSIZE is 3: PCTPOV = INCOME / 12,802 * 100%
If HHSIZE is 4: PCTPOV = INCOME / 16,400 * 100%
If HHSIZE is 5: PCTPOV = INCOME / 19,380 * 100%
If HHSIZE is 6: PCTPOV = INCOME / 21,886 * 100%
If HHSIZE is 7: PCTPOV = INCOME / 24,802 * 100%
If HHSIZE is 8: PCTPOV = INCOME / 27,593 * 100%
If HHSIZE is 9
 or more: PCTPOV = INCOME / 32,566 * 100%

(Source: U.S. Department of Commerce, Bureau of the Census 1998)

PCTPOV is found in columns 26-28 in all record types. Values of PCTPOV from 0% to 299% are provided. For households with income at 300% or more of the poverty threshold PCTPOV is given a value of 300 meaning "300% or more."

POVCAT - Household income as percentage of poverty level
and categorized

POVCAT is based on the calculation described above for
PCTPOV. The final results are grouped into three
categories. POVCAT is found in column 29 and has one of
three values:

1 = 0 - 130%
2 = 131 - 350%
3 = Over 350%

2) Record type 20, 25, 50

EMP_STAT - Employment status

EMP_STAT is based on EMP_LW, question H11: "Last week did
you work at all at a paid job or in your own business or
farm," EMP_ABS, question H12: "Did you have a paid job from
which you were temporarily absent," and EMP_HRS, question
H13: "How many hours did you work at all jobs last week."
There are 6 coded values:

1 = Employed, full time
2 = Employed, part time
3 = Employed, not at work last week
4 = Not employed
5 = Age < 15, questions not asked
9 = Indeterminable

Questions H11, H12 and H13 were not asked of household
members under 15 years. In such cases, EMP_STAT is given a
value of '5'. Employment is based on EMP_LW and EMP_ABS and
full time / part time is based on EMP_HRS; 35 or more hours
a week is full time, less than 35 hours is part time.
Values are assigned as follows:

```
If questions not asked then
    EMP_STAT = 5

Else if ((EMP_LW = 1) and (35 <= EMP_HRS <= 168)) then
    EMP_STAT = 1 (worked last week full time)

Else if ((EMP_LW = 1) and (EMP_HRS <35)) then
    EMP_STAT = 2 (worked last week part time)

Else if (EMP_ABS = 1) then
    EMP_STAT = 3 (absent from job last week)

Else if (EMP_ABS = 2) then
    EMP_STAT = 4 (neither worked last week nor
                  was absent from job)

Otherwise
```

3) Record type 35 - Food group totals and averages

Record type 35 contains daily totals of food consumed for 71 food groups and subgroups in grams. There is also a record type 35 containing 2-day averages for sample persons providing 2 days of intake. Listed on the following pages are the range of food codes comprising each food group. FOODCODE is found in columns 67-74 on record type 30. See the file format for the locations of the record type 35 fields.

There were about 200 food codes used in 1998 that had not been used previously. Most of the food group definitions used with the CSFII 1994-96 were also valid for the 1998 intakes. Minor changes were made to several food group definitions to accommodate new foods which did not fit into the previous grouping scheme. The resulting food group definitions (beginning on the following page) are equally valid for CSFII 1994-96 and CSFII 1998. The changes (additions, except where noted) to the food group definitions were:

Variable name	Food group	Change (addition)
VEG2	Dark-green vegetables	Change: 766 04--- to 766 04000
VEG3	Deep-yellow vegetables	766 04500
VEG6	Green beans	764 02---
FRUIT0	Total fruits	611 0---- thru 634 1---- or 641 ----- thru 676 -----
FRUIT3	Total other fruits, mixtures, juices	676 -----
FRUIT31	Apples	671 003--
FRUIT34	Other fruits and mixtures mainly fruit	671 06--- or 676 -----

CSFII 1994-96, 1998 food group definitions

GRAIN0	Total grain products	5-- -----
GRAIN1	Total yeast breads and rolls	510 ----- or 511 0100- thru 511 5900- or 511 8----- or 512 ----- thru 518 -----
GRAIN2	Total cereals and pastas	56- ----- or 57- -----
GRAIN21	Ready-to-eat cereals	571 ----- thru 574 ----- or 578 3010-
GRAIN22	Rice	562 049-- thru 562 051-- or 562 0521- or 562 053-- thru 562 055-- or 576 03--- or
GRAIN23	Pasta	561 -----
GRAIN3	Quick breads, pancakes, french toast	52- ----- or 55- -----
GRAIN4	Cakes, cookies, pastries, pies	511 6----- or 53- ----- or 541 0101- thru 541 0220-
GRAIN5	Crackers, popcorn, pretzels, corn chips	542 ----- thru 544 -----
GRAIN6	Mixtures mainly grain	58- -----
VEG0	Total vegetables	7-- -----
VEG1	White potatoes, total	710 ----- thru 717 ----- or 718 0----- or 764 2----- or 771 -----
VEG11	Fried potatoes	712 ----- or 714 ----- or 715 05--- or 771 21---
VEG2	Dark-green vegetables	72- ----- or 751 47--- or 761 ----- or 766 04000

VEG3	Deep-yellow vegetables	73- ----- or 762 ----- or 766 02--- or 766 04500
VEG4	Tomatoes	74- -----
VEG5	Lettuce	751 13--- thru 751 14--- or 751 43--- thru 751 46--- or 751 48--- or 752 2005-
VEG6	Green beans	751 018-- or 752 049-- thru 752 060-- or 753 02--- or 753 1525- or 754 03--- thru 754 04--- or 755 001-- or 756 02--- or 764 01--- or 764 02--- or 766 115--
VEG7	Corn, green peas, lima beans	751 020-- or 751 096-- or 751 20--- or 752 040-- thru 752 041-- or 752 160-- thru 752 163-- or 752 1749- thru 752 1752- or 752 24--- or 753 01--- or 753 03--- or 753 1500- thru 753 1521- or 753 153-- or 754 02--- or 754 11--- or 754 165-- thru 754 170-- or 755 01--- or 756 040-- or 756 09--- or 764 05--- or 764 09--- thru 764 11--- or 765 02---

VEG8	Other vegetables	718 5----	or
		719 -----	or
		751 003-- thru 751 010--	or
		751 025-- thru 751 095--	or
		751 11--- thru 751 12---	or
		751 15--- thru 751 19---	or
		751 21--- thru 751 42---	or
		752 006-- thru 752 030--	or
		752 07--- thru 752 15---	or
		752 1670- thru 752 1740-	or
		752 1771- thru 752 2002-	or
		752 201-- thru 752 230--	or
		752 25--- thru 752 36---	or
		753 06--- thru 753 11---	or
		753 16--- thru 753 65---	or
		754 00--- thru 754 01---	or
		754 05--- thru 754 10---	or
		754 120-- thru 754 160--	or
		754 18--- thru 754 60---	or
		755 002-- thru 755 005--	or
		755 02--- thru 755 35---	or
		756 01--- thru 756 03---	or
		756 045-- thru 756 083--	or
		756 1---- thru 756 5----	or
		764 03--- or	
		764 07--- or	
		765 01--- or	
		766 01--- or	
		766 03--- or	
		766 050-- thru 766 110--	or
		768 ----- or	
		772 ----- or	
		773 ----- or	
		775 -----	
FRUIT0	Total fruits	611 0---- thru 634 1----	or
		641 ----- thru 676 -----	
FRUIT1	Total citrus fruits and juices	611 ----- or	
		612 01--- thru 612 13---	or
		612 16--- or	
		672 0500-	
FRUIT11	Citrus juices	612 01--- thru 612 13---	or
		612 16--- or	
		672 0500-	
FRUIT2	Dried fruits	621 -----	

FRUIT3	Total other fruits, mixtures, juices	612 0050- or 612 14--- or 612 19--- thru 612 26--- or 631 01--- thru 631 49--- or 632 ----- or 633 ----- or 634 01--- thru 634 15--- or 641 0011- thru 642 2101- or 671 ----- or 672 02--- thru 672 04--- or 672 11--- thru 672 50--- or 673 ----- or 674 ----- or 675 ----- or 676 -----
FRUIT31	Apples	631 0100- thru 631 0114- or 631 012-- thru 631 015-- or 671 02--- or 671 003--
FRUIT32	Bananas	631 070-- thru 631 073-- or 671 05--- or
FRUIT33	Melons and berries	631 0901- or 631 0961- or 631 10--- or 631 27--- or 631 49--- or 632 -----
FRUIT34	Other fruits and mixtures mainly fruit	631 0115- or 631 016-- or 631 02--- thru 631 05--- or 631 074-- or 631 097-- or 631 11--- thru 631 26--- or 631 29--- thru 631 48--- or 633 ----- or 634 01--- thru 634 15--- or 671 0010- or 671 0020- or 671 01--- or 671 04--- or 671 06--- or 671 08--- thru 671 14--- or 673 ----- or 674 ----- or 675 ----- or 676 -----

FRUIT35	Noncitrus juices and nectars	612 0050-	or
		612 14---	or
		612 19---	thru 612 26---
		641 0011-	thru 642 2101-
		672 02---	thru 672 04---
		672 11---	thru 672 50---
MILK0 and MILK0C	Total milk and milk products	111 -----	or
		112 -----	or
		113 4-----	or
		114 -----	or
		115 -----	or
		116 -----	or
		117 1-----	or
		117 4-----	or
		118 -----	or
		119 4010-	or
		121 -----	or
		123 1-----	or
		123 202--	or
		123 5-----	or
		13- -----	or
		14- -----	
MILK1	Total milk, milk drinks, yogurt	111 -----	or
		112 -----	or
		114 1-----	thru 114 4-----
		115 -----	or
		116 -----	or
		117 1-----	or
		117 4-----	or
		118 -----	or
		119 4010-	
MILK11	Total fluid milk	111 -----	or
		112 -----	
MILK111	Whole milk	111 1100-	thru 111 1115-
		111 141--	or
		111 16---	or
		111 211--	
MILK112	Lowfat milk	111 1116-	or
		111 12---	or
		111 142--	or
		111 1430-	or
		111 1431-	or
		111 1433-	or
		111 1520-	or
		111 212--	or
		111 22---	

MILK113	Skim milk	111 1117- or 111 13--- or 111 1432- or 111 1500- or 111 213--
MILK2	Yogurt	114 1---- thru 114 4----
MILK3	Milk desserts	114 5---- thru 114 6---- or 131 ----- or 132 ----- or 133 -----
MILK4	Cheese	14- -----
MEAT0	Total meat, poultry, fish	2-- -----
MEAT1	Beef	21- -----
MEAT2	Pork	220 ----- thru 227 ----- or 228 1-----
MEAT3	Lamb, veal, game	230 ----- or 231 ----- or 232 ----- or 233 10--- thru 233 21--- or 233 2230- thru 233 4510- 234 -----
MEAT4	Organ meats	251 -----
MEAT5	Frankfurters, sausages luncheon meats	200 0009- or 228 2000- or 233 2210- or 247 05--- thru 247 06--- or 252 -----
MEAT6	Total poultry	241 ----- or 242 ----- or 243 ----- or 244 ----- or 247 01--- thru 247 03---
MEAT61	Chicken	241 ----- or 247 01---
MEAT7	Fish and shellfish	26- -----
MEAT8	Mixtures mainly meat poultry, fish	27- ----- or 281 ----- thru 283 -----

EGG0	Eggs	3-- -----
LEGUME0	Legumes	41- ----- or 113 1---- thru 113 3---- or 117 2----
NUTSEED0	Nuts and seeds	42- ----- thru 44- -----
FAT0	Total fats and oils	8-- ----- or 122 ----- or 123 201--
FAT1	Table fats	811 -----
FAT2	Salad dressings	83- -----
SUGAR0	Total sugars and sweets	634 2---- thru 634 3---- or 91- -----
SUGAR1	Sugars	911 ----- or 912 -----
SUGAR2	Candy	917 ----- or 918 -----
BEV0	Total beverages	92- ----- or 93- -----
BEV1	Total alcoholic beverages	931 01--- thru 931 02--- or 932 ----- thru 935 -----
BEV11	Wine	934 -----
BEV12	Beer and ale	931 01--- thru 931 02---
BEV2	Total nonalcoholic beverages	92- -----
BEV21	Coffee	921 ----- or 922 01--- thru 922 03--- or 922 9----
BEV22	Tea	922 04--- or 922 05--- or 923 -----
BEV23	Total fruit drinks and ades	925 ----- or 927 ----- or 929 -----

BEV231	Regular fruit drinks and ades	925 1011- thru 925 1061- or 925 1065- thru 925 1211- or 925 3---- or 925 4101- or 925 4102- or 925 4110- or 925 4200- or 925 4400- or 925 8205- or 925 8210- or 925 8211- or 927 3100- or 927 5100- or 929 001--
BEV232	Low-calorie fruit drinks and ades	925 2---- or 925 4104- or 925 4112- or 925 5---- thru 925 6---- or 925 8200- or 927 4100- or 929 0020- or 929 0030-
BEV24	Total carbonated soft drinks	924 -----
BEV241	Regular carbonated soft drinks	924 1011- or 924 1031- or 924 1033- or 924 1034- or 924 1036- or 924 1039- or 924 1041- or 924 1051- or 924 1055- or 924 1061- or 924 1071- or 924 1081- or 924 1151- or 924 1152- or 924 1601- or 924 1701- or 924 3100- or 924 3200- or 924 3300-

BEV242	Low calorie carbonated soft drinks	924 0010-	or
		924 1021-	or
		924 1025-	or
		924 1030-	or
		924 1032-	or
		924 1035-	or
		924 1037-	or
		924 1040-	or
		924 1042-	or
		924 1052-	or
		924 1056-	or
		924 1062-	or
		924 1072-	or
		924 1082-	or
		924 1161-	or
		924 1162-	

4) Record type 40 - Nutrient intakes as a percentage of the 1989 Recommended Dietary Allowances (RDA)

Record type 40 contains daily totals and 2-day averages of nutrient intakes. The record type also has some of these nutrient totals and averages expressed as a percentage of the RDAs (NRC/FNB 1989). The following tables show the RDA values used in these calculations. The calculation used for each nutrient was:

$$\text{RDA} = (\text{NUTRIENT} * 100) / \text{RDAVALUE}$$

where the RDAVALUE is determined by the values of AGE, SEX, and the pregnant/lactating status field PL_STAT.

The RDA percentages computed are:

R_ENERGY	- Food energy	R_VITB6	- Vitamin B-6
R_PROT	- Protein	R_FOLATE	- Folate
R_VITAIU	- Vitamin A (IU)	R_VITB12	- Vitamin
R_VITARE	- Vitamin A (RE)	R_CALC	- Calcium
R_VITE	- Vitamin E	R_PHOS	- Phosphorus
R_VITC	- Vitamin C	R_MAGNES	- Magnesium
R_THIAMN	- Thiamin	R_IRON	- Iron
R_RIBO	- Riboflavin	R_ZINC	- Zinc
R_NIACIN	- Niacin	R_SELEN	- Selenium

Recommended Dietary Allowances, 1989 (NRC/FNB 1989)

Sex and age (years)	Food energy kcal	Protein g	Fat-soluble vitamins		
			Vitamin A RE mcg	Vitamin E IU* alpha-TE mg	
Males and females:					
0-5 (months)...	650	13	375	1,412	3
6-11 (months)...	850	14	375	1,875	4
1-3.....	1,300	16	400	2,000	6
4-6.....	1,800	24	500	2,500	7
7-10.....	2,000	28	700	3,500	7
Males:					
11-14.....	2,500	45	1,000	5,000	10
15-18.....	3,000	59	1,000	5,000	10
19-24.....	2,900	58	1,000	5,000	10
25-50.....	2,900	63	1,000	5,000	10
51+.....	2,300	63	1,000	5,000	10
Females:					
11-14.....	2,200	46	800	4,000	8
15-18.....	2,200	44	800	4,000	8
19-24.....	2,200	46	800	4,000	8
25-50.....	2,200	50	800	4,000	8
51+.....	1,900	50	800	4,000	8
Pregnant: **					
1st trimester..	+0	60	800	4,000	10
2nd trimester..	+300	60	800	4,000	10
3rd trimester..	+300	60	800	4,000	10
Lactating: **					
1st 6 months...	+500	65	1,300	6,500	12
2nd 6 months...	+500	62	1,200	6,000	11

* Vitamin A allowances were converted from retinol equivalents to international units to allow comparison with earlier surveys.

** For calculating RDA values for the CSFII, the following were used: for pregnant women, the third trimester; for lactating women, the first 6 months.

Recommended Dietary Allowances, 1989 (NRC/FNB 1989)

Water-soluble vitamins							
Sex and age (years)	Vita- min C	Thi- amin	Ribo- flavin	Nia- cin	Vita- min B-6	Fo- late	Vitamin B-12
	-----mg-----			mg (NE)	mg		----mcg----
Males and females:							
0-5 (months)...	30	0.3	0.4	5	0.3	25	0.3
6-11 (months)...	35	0.4	0.5	6	0.6	35	0.5
1-3.....	40	0.7	0.8	9	1.0	50	0.7
4-6.....	45	0.9	1.1	12	1.1	75	1.0
7-10.....	45	1.0	1.2	13	1.4	100	1.4
Males:							
11-14.....	50	1.3	1.5	17	1.7	150	2.0
15-18.....	60	1.5	1.8	20	2.0	200	2.0
19-24.....	60	1.5	1.7	19	2.0	200	2.0
25-50.....	60	1.5	1.7	19	2.0	200	2.0
51+.....	60	1.2	1.4	15	2.0	200	2.0
Females:							
11-14.....	50	1.1	1.3	15	1.4	150	2.0
15-18.....	60	1.1	1.3	15	1.5	180	2.0
19-24.....	60	1.1	1.3	15	1.6	180	2.0
25-50.....	60	1.1	1.3	15	1.6	180	2.0
51+.....	60	1.0	1.2	13	1.6	180	2.0
Pregnant: *							
1st trimester..	70	1.5	1.6	17	2.2	400	2.2
2nd trimester..	70	1.5	1.6	17	2.2	400	2.2
3rd trimester..	70	1.5	1.6	17	2.2	400	2.2
Lactating: *							
1st 6 months...	95	1.6	1.8	20	2.1	280	2.6
2nd 6 months...	90	1.6	1.7	20	2.1	260	2.6

* For calculating RDA values for CSFII, the following were used: for pregnant women, the third trimester; for lactating women, the first 6 months.

Recommended Dietary Allowances, 1989 (NRC/FNB 1989)

Minerals

Sex and age	Calcium	Phosphorus	Magnesium	Iron	Zinc	Selenium
	mg			--mcg--		
Males and females:						
0-5 (months)....	400	300	40	6	5	10
6-11 (months)...	600	500	60	10	5	15
1-3.....	800	800	80	10	10	20
4-6.....	800	800	120	10	10	20
7-10.....	800	800	170	10	10	30
Males						
11-14.....	1,200	1,200	270	12	15	40
15-18.....	1,200	1,200	400	12	15	50
19-24.....	1,200	1,200	350	10	15	70
25-50.....	800	800	350	10	15	70
51+.....	800	800	350	10	15	70
Females:						
11-14.....	1,200	1,200	280	15	12	45
15-18.....	1,200	1,200	300	15	12	50
19-24.....	1,200	1,200	280	15	12	55
25-50.....	800	800	280	15	12	55
51+.....	800	800	280	10	12	55
Pregnant: *						
1st trimester...	1,200	1,200	320	30	15	65
2nd trimester...	1,200	1,200	320	30	15	65
3rd trimester...	1,200	1,200	320	30	15	65
Lactating: *						
1st 6 months....	1,200	1,200	355	15	19	75
2nd 6 months....	1,200	1,200	340	15	16	75

* For calculating RDA values for CSFII, the following were used: for pregnant women, the third trimester; for lactating women, the first 6 months.

References

Baughner, E. and L. Lamison-White. 1996. Poverty in the United States: 1995. U.S. Bureau of the Census, Current Population Reports, Series P60-194. Also available online: <<http://www.census.gov/hhes/www/povty95.html>> [visited 1999, December 28]. Click on "Poverty in the United States: 1995."

Dalaker, J. and M. Naifeh. 1998. Poverty in the United States: 1997. U.S. Bureau of the Census, Current Population Reports, Series P60-201. Also available online: <<http://www.census.gov/prod/3/98pubs/p60-201.pdf>> [visited 1999, December 28].

NRC/FNB (National Research Council, Food and Nutrition Board). 1989. Recommended Dietary Allowances, 10th ed. National Academy Press, Washington, DC.

U.S. Department of Commerce, Bureau of the Census. 1995. Income, poverty, and valuation of noncash benefits: 1993. Current Population Reports, Series P60-188.

U.S. Department of Commerce, Bureau of the Census. 1996. Income, poverty, and valuation of noncash benefits: 1994. Current Population Reports, Series P60-189.

10. INPUT PROGRAMS AND PROGRAMMING EXAMPLES

10.1 Introduction to the Input Programs and Programming Examples

The computer programs that follow are intended to (1) simplify the process of getting the survey data from its original form into the form of a software package system file (section 10.2, "Input Programs") and (2) provide several examples of the processing steps necessary to combine data from more than one record type in order to create a new data file and, subsequently, perform analysis (section 10.3, "Programming Examples"). An additional example is provided in section 10.3 that demonstrates the use of SUDAAN (Shah et al., 1997) to estimate standard errors. Additional input programs (section 10.4, "Jackknife Weight Input Programs") are provided for reading the jackknife replicate weights (see section 5.6.2, "Estimation of sampling errors"). The program used to generate the control statistics (section 11) is also included in section 10.5.

Although SAS (SAS Institute, Inc., 1990) has been chosen as the language in which to present these programs, it is not necessary to use SAS specifically to process and analyze the data nor is the USDA recommending SAS over other software systems. It should be possible to use these programs as the basis for input programs or data definition files for other software systems without having to start from scratch.

These programs will require at least minimal editing to provide directory and file names. These SAS programs have run successfully under SAS version 6.11, running under a UNIX operating system, and under SAS version 7, running under Microsoft Windows 95. Nevertheless, other editing may be necessary for these programs to run under different conditions than those they were tested on.

There are separate programs in section 10.2 to read in the data from each of the seven record type files. Each program has both (1) an input statement that defines each field and its location in the original file by columns and its type and (2) has a label statement that assigns a label to each field. This label is the same as the abbreviated description provided in the field lists (section 8) and is derived from the description provided in the file formats (section 9) but should not be assumed to be complete. The file formats should be referred to when selecting fields for analysis.

The input programs also contain code that converts missing values for specific fields to special SAS missing values. These particular conversions do not have to be used, but numeric variables that are to be analyzed as continuous will have to be converted in some manner if means, etc., are to be computed. The following conventions are followed: .R = "refused," .D = "don't know," .N = "not ascertained," and .O = "other types." Of course, numeric variables that were read in as blanks, meaning "not applicable," were automatically assigned the standard SAS missing value represented by a single "." (dot). If it is not important to users to retain the type of missing value, they may prefer to convert all missing values to the standard SAS missing value.

A format procedure is also provided that includes value statements for the various sets of allowable values. These statements provide labels for the values of fields and are usually used in a program through a format statement. A format statement is included that gives the name of each field's format. Although these value labels are derived from the allowable values provided in the file formats, they are by necessity abbreviated. Refer to the CSFII/DHKS file formats in section 9.2 for complete information on the meaning of each field's value.

The first two annotated SAS programs in section 10.3 are provided as examples of the processing necessary to create a data file needed for specific analyses that require the combination of data from more than one record type. These examples are relatively simple but may help users to get a better understanding of the linkages between the record types. The third program in section 10.3 demonstrates the use of SUDAAN to estimate mean intake and the associated standard errors.

Section 10.4 provides programs for reading the jackknife replicate weights (see section 5.6.2, "Estimation of sampling errors"). The weight files may be merged with the survey data files by matching by HHID and SPNUM for person and intake-level files and by HHID for household-level or DHK files.

The program in section 10.5 may be used to generate the control statistics (section 11) from the files created by the input programs in section 10.2.

References

Shah, B.V., B.G. Barnwell, G.S. Bieler. 1997. SUDAAN User's Manual, Version 7.5. Research Triangle Institute, Research Triangle Park, NC.

SAS Institute, Inc. 1990. SAS language: Reference, version 6 first edition. SAS Institute, Inc., Cary, NC.

```

*****
*****
*
* example1.sas          section 10.3.1
*
* This example produces a SAS data file with one record
* per sample person (SP).  The file contains, for day 1
* respondents from 1996, total poultry intake in grams,
* total chicken intake in grams, total turkey intake in
* grams, and the percentages of an SPs total poultry
* intake contributed by chicken and by turkey.  Also
* included is a flag that indicates SPs who consumed any
* poultry on the day as well as demographic and sampling
* fields that might be wanted on such a file.
*
* The food group record type 35 contains the poultry and
* chicken totals but not the turkey intake.  To compute
* the turkey intake for an SP it is necessary to first use
* the food level record type 30 and identify reports of
* turkey consumption on day 1.  The data must then be
* aggregated to the SP level and merged with the other
* required fields that are available from the SPs day-1
* type-35 record.  Final calculations are made after the
* merge using the annual sampling weights because only the
* 1996 data is being used.
*
* Input is expected to be SAS files created by programs
* such as the input programs provided in section 10.2.
* The libname and filename statements must be modified as
* appropriate.
*
* The procedure output is listed at the end of this file.
*
*****;

```

```

options ls = 78 ps = 55;
options nodate nonumber;

```

```

libname dir1 '\sas_file_directory';    /* directory for SAS files */

```

```

libname library '\format_directory';    /* format directory */

```

```

*****
*
* PROC MEANS was used to sum the gram amounts of day-1
* turkey reports and produce RT30CUM, a temporary SAS file
* with one record per SP reporting turkey on day 1.  The
* noprint option supresses a report.  The WHERE option asks
* for only day-1 records from 1996 representing turkey,
* that is, with FOODCODE having a value between 24201000
* and 24208500.  The BY statement asks that the statistics
* be calculated at the SP level and the OUTPUT statement
* names the new file, RT30CUM, and asks that the new
* field, TURKEY, be calculated as the sum of the original
* field, FOODAMT, across the selected records.  RT30CUM
* will contain one record per SP reporting turkey at least
* once on day 1 and will have three fields: HHID, SPNUM
*

```

```

* and TURKEY.
*
*****;

proc means noprint data = dir1.rt30
      (where = ((year eq 1996) and (daycode eq 1) and
      (24201000 <= foodcode <= 24208500)));
  by hhid spnum;
  var foodamt;
  output out = rt30cum sum = turkey;

*****
*
* The file is completed in the following DATA STEP.  The
* WHERE condition associated with the record-type-35 file
* selects only day 1 records from 1996.  The IN variable
* creates a convenient flag for records of SPs with turkey
* reported - they have records in RT30CUM.  SPs without
* records in RT30CUM must have their TURKEY values set to
* zero.
*
* The calculation of the percentages requires nonzero
* values of MEAT6 so an IF statement is used to treat SPs
* with no poultry consumption at all differently.  They
* are assigned missing values to PCTCHICK and PCTTURK, the
* fields that for poultry consuming SPs contain the
* percentage of their total poultry intake contributed by
* chicken and turkey.
*
*****;

data dir1.poultry (keep = hhid spnum varstrat varunit
      region urb povcat age sex race origin
      wta_day1 meat6 meat61 turkey pctchick
      pctturk poultry);
  merge dir1.rt35 (keep = hhid spnum daycode varstrat varunit year
      region urb povcat age sex race origin
      wta_day1 meat6 meat61
      where = ((year eq 1996) and (daycode eq 1)))
      rt30cum (in = incum);
  by hhid spnum;

if (incum ne 1) then do;      /* No turkey reported */
  turkey = 0;
end;

if (meat6 eq 0) then do;
  pctchick = .;
  pctturk = .;
  poultry = 0;
end;
else do;
  pctchick = meat61 / meat6 * 100;
  pctturk = turkey / meat6 * 100;
  poultry = 1;
end;

```

```

label
  turkey    = "Turkey"
  pctchick  = "% of poultry from chicken"
  pctturk   = "% of poultry from turkey"
  poultry   = "Poultry consumption flag"
  ;

run;

*****
*
* The following is an example of the use of the file that *
* was created above. PROC TABULATE is used to display *
* mean poultry, chicken, and turkey per sample person and *
* to display, per poultry user, the contribution to total *
* poutry consumption from chicken and turkey. See SAS *
* language documentation for details on PROC TABULATE. *
*
*****;

proc format;
  value sex
    1 = 'Males'
    2 = 'Females'
    ;

  value agegrp
    0 - 5 = '5 and under'
    6 - 19 = ' 6 - 19'
    20 - 39 = '20 - 39'
    40 - 59 = '40 - 59'
    60 - high = '60 and over'
    ;

proc tabulate data = dir1.poultry;
  class sex age;
  format sex sex. age agegrp.;
  var meat6 meat61 turkey;
  table sex * age,
    (meat6 = ' ') * n * f = 6.
    (meat6 meat61 turkey) * (mean = 'g') * f = 10. / rts = 30;
  weight wta_day1;
  title "Mean poultry consumption per sample person, Day 1, "
    "CSFII 1996.";
  title2;

proc tabulate data = dir1.poultry (where = (poultry eq 1));
  class sex age;
  format sex sex. age agegrp.;
  var meat6 pctchick pctturk;
  table sex * age,
    (pctchick = ' ') * n * f = 6.
    meat6 * (mean = 'g') * f = 10.
    (pctchick pctturk) * (mean = '%') * f = 10.1 / rts = 30;
  weight wta_day1;
  title "Contribution to total poultry consumption by chicken and "
    "turkey:";

```

```
title2 "mean percentage of total per sample person reporting "  
      "poultry,";  
title3 " Day 1, CSFII 1996.";  
title4;
```

```
run;
```

/*

Mean poultry consumption per sample person, Day 1, CSFII 1996.

		N	Total poultry g	Chicken g	Turkey g
Sex	Age in years				
Males	5 and under	442	14	13	1
	6 - 19	520	26	25	1
	20 - 39	680	31	25	6
	40 - 59	542	29	25	3
	60 and over	482	19	17	2
Females	5 and under	502	16	15	1
	6 - 19	488	23	22	1
	20 - 39	559	20	19	2
	40 - 59	580	21	17	5
	60 and over	393	19	17	2

Contribution to total poultry consumption by chicken and turkey:
 mean percentage of total per sample person reporting poultry,
 Day 1, CSFII 1996.

		N	Total poultry g	% of poultry from chicken %	% of poultry from turkey %
Sex	Age in years				
Males	5 and under	96	70	92.8	6.2
	6 - 19	97	129	94.7	4.8
	20 - 39	136	151	80.2	19.8
	40 - 59	103	141	81.2	16.2
	60 and over	88	101	84.6	15.4
	Females	5 and under	132	65	92.3
6 - 19		125	90	90.0	9.2
20 - 39		114	98	89.5	10.5
40 - 59		131	88	77.2	21.9
60 and over		85	85	90.4	9.1

* /

```

*****
*****
*
* example2.sas                section 10.3.2
*
* This example produces a SAS data file with one record
* per DHKS respondent from 1996. The file contains their
* average energy and fat intake over 2 days, their average
* contribution to energy from total fat expressed as a
* percentage, a flag indicating whether their contribution
* to energy from fat was under 30%, and their response to
* the DHKS question 3F, "Compared to what is healthy, do
* you think your diet is too low, too high, or about right
* in fat?" Also included are demographic and sampling
* fields that might be wanted on such a file. A table is
* produced that displays weighted statistics calculated
* from the file using the annual sampling weights because
* only 1996 data was used.
*
* The nutrient record type 40 contains the 2-day averages
* of energy and fat intake that are necessary for the
* calculations. The DHKS record-type 50 contains the DHKS
* question field and the DHKS sampling weights. Both
* record types can provide the remaining fields. In this
* example, those fields are taken from record-type 50.
*
* Input is expected to be SAS files created by programs
* such as the input programs provided in section 9.2.
* The libname and filename statements must be modified as
* appropriate.
*
* The procedure output is listed at the end of this file.
*
*****;

libname dirl1 '\sas_file_directory';    /* directory for SAS files */

libname library '\format_directory';    /* format directory */

options ls = 76 ps = 55;
options nodate nonumber;

*****
*
* The creation of the SAS data file can be done within a
* single DATA step. The record-type-40 and record-type-50
* fields are brought together by a merge statement that
* uses KEEP and WHERE parameters to select the fields
* and records needed from both files.
*
* The WHERE condition associated with the DHKS file
* selects records from 1996 with nonmissing values of
* WT_DHK2, the 2-day DHKS sampling weight. This selects
* only the records for DHKS respondents who provided two
* days of intake. The day-2 flag, COMP_D2, could also
* have been used for this purpose.
*
*

```

```

* The WHERE condition associated with the record-type-40 *
* file selects only the 2-day average records *
* (DAYCODE eq 4) for DHKS respondents (COMP_DHK eq 1) *
* from 1996. *
* *
* The BY statement links the two files through the fields *
* HHID and SPNUM, which are the household identification *
* number and the sample person number respectively. *
* *
*****;

```

```

data pctfat;
  merge dir1.rt50 (keep = hhid spnum age sex wta_dhk2 varstrat
                  varunit year kq3_f
                  where = ((year eq 1996) and (wta_dhk2 ne .)))
        dir1.rt40 (keep = hhid spnum comp_dhk daycode energy tfat
                  year
                  where = ((year eq 1996) and (daycode eq 4) and
                          (comp_dhk eq 1)));
  by hhid spnum;

```

```

*****
* *
* The calculation of PCTFAT, the contribution to energy *
* from total fat over the 2 days of intake, uses the *
* assumption of 9 kilocalories per gram of total fat. *
* UNDER30 is a flag that indicates whether PCTPOV is less *
* than 30% for the sample person. If PCTPOV is less than *
* 30%, UNDER30 is given a value of 100 (a value of 1 *
* could have been assigned, 100 is being used for *
* presentation purposes) and a value of 0 otherwise. *
* *
* The IF statement allows for the special situation of *
* zero energy intake over the 2 days. In this example, *
* PCTFAT and UNDER30 are assigned values of zero if *
* energy intake is zero. *
* *
*****;

```

```

if (energy > 0) then do;
  pctfat = tfat / energy * 9 * 100;
  if (pctfat < 30) then
    under30 = 100;
  else
    under30 = 0;
end;
else do;
  pctfat = 0;
  under30 = 0;
end;

label pctfat = "% of energy from fat"
      under30 = "PCTFAT < 30%"
      ;

```

```

run;

```

```

*****
*
* The following is an example of the use of the the file *
* that was created above. PROC TABULATE is used to *
* display mean fat intake, mean contribution to energy *
* from fat and the percentage of persons with under 30% *
* of their energy from fat by sex and DHKS question K3f *
* for 2-day DHKS respondents. See SAS language *
* documentation for details on PROC TABULATE. *
*
*****;

```

```
proc format;
```

```

value sex
  1 = "Men"
  2 = "Women"
  ;

```

```

value k3f
  1 = "Too low"
  2 = "Too high"
  3 = "About right"
  8, 9 = "Not answered"
  ;

```

```
proc tabulate data = pctfat (where = (kq3_f in(1, 2, 3)));
```

```

class sex kq3_f;
var tfat pctfat under30;
weight wta_dhk2;
format sex sex. kq3_f k3f.;
table sex * kq3_f,
  (tfat = ' ') * n * f = 6.
  (tfat = 'Total fat') * (mean = 'g') * f = 12.1
  (pctfat = 'Contribution to energy from fat')
    * (mean = '%') * f = 12.1
  (under30 = '% with under 30% of energy from fat')
    * (mean = '%') * f = 12.1 / rts = 30;

```

```

title "Mean total fat intake, mean contribution to "
      "energy from total fat,";

```

```

title2 "and the percentage of respondents with less than 30% of";

```

```

title3 "their energy from fat by sex and perceived adequacy of "
      "own diet,";

```

```

title4 " 2-day DHKS respondents, CSFII/DHKS 1996.";

```

```

title5;

```

```
run;
```

/*

Mean total fat intake, mean contribution to energy from total fat,
and the percentage of respondents with less than 30% of
their energy from fat by sex and perceived adequacy of own diet,
2-day DHKS respondents, CSFII/DHKS 1996.

		N	Total fat	Contribution to energy from fat	% with under 30% of energy from fat
			g	%	%
Sex	How does diet compare: fat				
Men	Too low	54	62.1	32.1	38.4
	Too high	473	97.3	34.6	23.6
	About right	428	83.0	33.2	35.5
Women	Too low	58	56.5	31.6	44.7
	Too high	425	65.2	33.2	35.2
	About right	396	53.8	30.6	49.3

*/

```

*****
*****
*
* example3.sas                section 10.3.3
*
* This example demonstrates the use of SUDAAN to estimate
* means and standard errors.  The DESCRIPTIVES procedure
* from (SAS-callable) SUDAAN is used from this SAS program
* to estimate calcium intake for children age 1-2 by
* gender.  A stand-alone version of SUDAAN is also
* available.  See
*   <http://www.rti.org/patents/sudaan/sudaan.html>
* for further information.
*
* Input is expected to be SAS files created by programs
* such as the input programs provided in section 10.2.
* The libname and filename statements must be modified as
* appropriate.
*
* The procedure output is listed at the end of this file.
*
*****;

options ls = 78 ps = 55;
options nodate nonumber;

libname dir1 '\sas_file_directory';    /* directory for SAS files */

libname library '\format_directory';  /* format directory */

*****
*
* Setup
*
* Only day 1 intakes are used.  Breast-fed
* children are excluded.  All 4 years are used.
*
*****;

data data1;
  set dir1.rt40 (keep = age sex bf_stat daycode varstrat varunit
                wt4_day1 calcium
                where = ((bf_stat ne 1) and (daycode eq 1) and
                        (1 <= age <= 2)));

*****
*
* SUDAAN
*
* The key parameters are the specification of a
* with replacement (wr) design and the
* identification of VARSTRAT and VARUNIT as the
* stratum and primary sampling unit in the NEST
* statement.  The SAS file created by the above
* DATA step is the input.  The output listing
* follows below.
*
*

```

```
*****;  
  
proc descript data = data1 means design = wr;  
  nest varstrat varunit;  
  weight wt4_day1;  
  var calcium;  
  subgroup sex;  
  levels 2;  
  tables sex;  
  print nsum mean semean  
  /style = nchs nsumfmt = f6.0 meanfmt = f8.0 semeanfmt = f8.0;  
  rtitle "Calcium intake for children age 1-2, 1 day, CSFII "  
  "1994-96, 1998. Breast-fed children are excluded";  
  rformat sex sex.;
```

/*

Calcium intake for children age 1-2, 1 day, CSFII
1994-96, 1998. Breast-fed children are excluded

by: Variable, Sex.

Variable	Sample		
Sex	Size	Mean	SE Mean
Calcium - mg			
Total	2118	854	12
Male	1047	873	16
Female	1071	835	15

*/

```

*****
*****
*
* jk3yracs.sas      section 10.4.3
*
* This SAS program reads the file containing the 3-year
* CSFII jackknife replicate weights (jkw3yracs.dat) and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  This file may
* be merged with files containing personal or intake data
* through the use of a MERGE statement and a BY statement
* referencing the SAS variables HHID and SPNUM.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkw3yracs.dat'; /* ascii file from CD 2 */

data dir1.jkw3yracs (compress = yes);
  infile file1 lrecl = 718;
  input HHID          1-5
        SPNUM         6-7
        WT3_DAY1     8-15
        WT3_2DAY     16-23
        R3_D1_01     24-31
        R3_D1_02     32-39
        R3_D1_03     40-47
        R3_D1_04     48-55
        R3_D1_05     56-63
        R3_D1_06     64-71
        R3_D1_07     72-79
        R3_D1_08     80-87
        R3_D1_09     88-95
        R3_D1_10     96-103
        R3_D1_11    104-111
        R3_D1_12    112-119
        R3_D1_13    120-127
        R3_D1_14    128-135
        R3_D1_15    136-143
        R3_D1_16    144-151
        R3_D1_17    152-159
        R3_D1_18    160-167
        R3_D1_19    168-175
        R3_D1_20    176-183
        R3_D1_21    184-191
        R3_D1_22    192-199
        R3_D1_23    200-207
        R3_D1_24    208-215
        R3_D1_25    216-223
        R3_D1_26    224-231
        R3_D1_27    232-239
        R3_D1_28    240-247
        R3_D1_29    248-255
        R3_D1_30    256-263
        R3_D1_31    264-271
        R3_D1_32    272-279

```

R3_D1_33	280-287
R3_D1_34	288-295
R3_D1_35	296-303
R3_D1_36	304-311
R3_D1_37	312-319
R3_D1_38	320-327
R3_D1_39	328-335
R3_D1_40	336-343
R3_D1_41	344-351
R3_D1_42	352-359
R3_D1_43	360-367
R3_2D_01	368-375
R3_2D_02	376-383
R3_2D_03	384-391
R3_2D_04	392-399
R3_2D_05	400-407
R3_2D_06	408-415
R3_2D_07	416-423
R3_2D_08	424-431
R3_2D_09	432-439
R3_2D_10	440-447
R3_2D_11	448-455
R3_2D_12	456-463
R3_2D_13	464-471
R3_2D_14	472-479
R3_2D_15	480-487
R3_2D_16	488-495
R3_2D_17	496-503
R3_2D_18	504-511
R3_2D_19	512-519
R3_2D_20	520-527
R3_2D_21	528-535
R3_2D_22	536-543
R3_2D_23	544-551
R3_2D_24	552-559
R3_2D_25	560-567
R3_2D_26	568-575
R3_2D_27	576-583
R3_2D_28	584-591
R3_2D_29	592-599
R3_2D_30	600-607
R3_2D_31	608-615
R3_2D_32	616-623
R3_2D_33	624-631
R3_2D_34	632-639
R3_2D_35	640-647
R3_2D_36	648-655
R3_2D_37	656-663
R3_2D_38	664-671
R3_2D_39	672-679
R3_2D_40	680-687
R3_2D_41	688-695
R3_2D_42	696-703
R3_2D_43	704-711
VARSTRAT	712-713
VARUNIT	714
YEAR	715-718;

label

HHID = "Household ID"
SPNUM = "Sample person number"
WT3_DAY1 = "Full-sample 3-year day 1 weight"
WT3_2DAY = "Full-sample 3-year 2-day weight"
R3_D1_01 = "Replicate 3-year day 1 weight - 1"
R3_D1_02 = "Replicate 3-year day 1 weight - 2"
R3_D1_03 = "Replicate 3-year day 1 weight - 3"
R3_D1_04 = "Replicate 3-year day 1 weight - 4"
R3_D1_05 = "Replicate 3-year day 1 weight - 5"
R3_D1_06 = "Replicate 3-year day 1 weight - 6"
R3_D1_07 = "Replicate 3-year day 1 weight - 7"
R3_D1_08 = "Replicate 3-year day 1 weight - 8"
R3_D1_09 = "Replicate 3-year day 1 weight - 9"
R3_D1_10 = "Replicate 3-year day 1 weight - 10"
R3_D1_11 = "Replicate 3-year day 1 weight - 11"
R3_D1_12 = "Replicate 3-year day 1 weight - 12"
R3_D1_13 = "Replicate 3-year day 1 weight - 13"
R3_D1_14 = "Replicate 3-year day 1 weight - 14"
R3_D1_15 = "Replicate 3-year day 1 weight - 15"
R3_D1_16 = "Replicate 3-year day 1 weight - 16"
R3_D1_17 = "Replicate 3-year day 1 weight - 17"
R3_D1_18 = "Replicate 3-year day 1 weight - 18"
R3_D1_19 = "Replicate 3-year day 1 weight - 19"
R3_D1_20 = "Replicate 3-year day 1 weight - 20"
R3_D1_21 = "Replicate 3-year day 1 weight - 21"
R3_D1_22 = "Replicate 3-year day 1 weight - 22"
R3_D1_23 = "Replicate 3-year day 1 weight - 23"
R3_D1_24 = "Replicate 3-year day 1 weight - 24"
R3_D1_25 = "Replicate 3-year day 1 weight - 25"
R3_D1_26 = "Replicate 3-year day 1 weight - 26"
R3_D1_27 = "Replicate 3-year day 1 weight - 27"
R3_D1_28 = "Replicate 3-year day 1 weight - 28"
R3_D1_29 = "Replicate 3-year day 1 weight - 29"
R3_D1_30 = "Replicate 3-year day 1 weight - 30"
R3_D1_31 = "Replicate 3-year day 1 weight - 31"
R3_D1_32 = "Replicate 3-year day 1 weight - 32"
R3_D1_33 = "Replicate 3-year day 1 weight - 33"
R3_D1_34 = "Replicate 3-year day 1 weight - 34"
R3_D1_35 = "Replicate 3-year day 1 weight - 35"
R3_D1_36 = "Replicate 3-year day 1 weight - 36"
R3_D1_37 = "Replicate 3-year day 1 weight - 37"
R3_D1_38 = "Replicate 3-year day 1 weight - 38"
R3_D1_39 = "Replicate 3-year day 1 weight - 39"
R3_D1_40 = "Replicate 3-year day 1 weight - 40"
R3_D1_41 = "Replicate 3-year day 1 weight - 41"
R3_D1_42 = "Replicate 3-year day 1 weight - 42"
R3_D1_43 = "Replicate 3-year day 1 weight - 43"
R3_2D_01 = "Replicate 3-year 2-day weight - 1"
R3_2D_02 = "Replicate 3-year 2-day weight - 2"
R3_2D_03 = "Replicate 3-year 2-day weight - 3"
R3_2D_04 = "Replicate 3-year 2-day weight - 4"
R3_2D_05 = "Replicate 3-year 2-day weight - 5"
R3_2D_06 = "Replicate 3-year 2-day weight - 6"
R3_2D_07 = "Replicate 3-year 2-day weight - 7"
R3_2D_08 = "Replicate 3-year 2-day weight - 8"

```
R3_2D_09 = "Replicate 3-year 2-day weight - 9"  
R3_2D_10 = "Replicate 3-year 2-day weight - 10"  
R3_2D_11 = "Replicate 3-year 2-day weight - 11"  
R3_2D_12 = "Replicate 3-year 2-day weight - 12"  
R3_2D_13 = "Replicate 3-year 2-day weight - 13"  
R3_2D_14 = "Replicate 3-year 2-day weight - 14"  
R3_2D_15 = "Replicate 3-year 2-day weight - 15"  
R3_2D_16 = "Replicate 3-year 2-day weight - 16"  
R3_2D_17 = "Replicate 3-year 2-day weight - 17"  
R3_2D_18 = "Replicate 3-year 2-day weight - 18"  
R3_2D_19 = "Replicate 3-year 2-day weight - 19"  
R3_2D_20 = "Replicate 3-year 2-day weight - 20"  
R3_2D_21 = "Replicate 3-year 2-day weight - 21"  
R3_2D_22 = "Replicate 3-year 2-day weight - 22"  
R3_2D_23 = "Replicate 3-year 2-day weight - 23"  
R3_2D_24 = "Replicate 3-year 2-day weight - 24"  
R3_2D_25 = "Replicate 3-year 2-day weight - 25"  
R3_2D_26 = "Replicate 3-year 2-day weight - 26"  
R3_2D_27 = "Replicate 3-year 2-day weight - 27"  
R3_2D_28 = "Replicate 3-year 2-day weight - 28"  
R3_2D_29 = "Replicate 3-year 2-day weight - 29"  
R3_2D_30 = "Replicate 3-year 2-day weight - 30"  
R3_2D_31 = "Replicate 3-year 2-day weight - 31"  
R3_2D_32 = "Replicate 3-year 2-day weight - 32"  
R3_2D_33 = "Replicate 3-year 2-day weight - 33"  
R3_2D_34 = "Replicate 3-year 2-day weight - 34"  
R3_2D_35 = "Replicate 3-year 2-day weight - 35"  
R3_2D_36 = "Replicate 3-year 2-day weight - 36"  
R3_2D_37 = "Replicate 3-year 2-day weight - 37"  
R3_2D_38 = "Replicate 3-year 2-day weight - 38"  
R3_2D_39 = "Replicate 3-year 2-day weight - 39"  
R3_2D_40 = "Replicate 3-year 2-day weight - 40"  
R3_2D_41 = "Replicate 3-year 2-day weight - 41"  
R3_2D_42 = "Replicate 3-year 2-day weight - 42"  
R3_2D_43 = "Replicate 3-year 2-day weight - 43"  
VARSTRAT = "Variance-estimation stratum"  
VARUNIT = "Variance-estimation unit"  
YEAR = "Year of survey"  
;
```

```
run;
```

```

*****
*****
*
* jk3yrdh.sas          section 10.4.7
*
* This SAS program reads the file containing the 3-year
* DHKS jackknife replicate weights
* (\jackknife\jkw3yrdh.dat on Disk 2) and saves it as a SAS
* file. Be sure to modify the libname and filename
* statements as appropriate. This file may be merged with
* containing personal or intake data through the use of a
* MERGE statement and a BY statement referencing the SAS
* variables HHID and SPNUM.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkw3yrdh.dat'; /* ascii file from CD 2 */

data dir1.jkw3yrdh (compress = yes);
  infile file1 lrecl = 718;
  input HHID          1-5
        SPNUM        6-7
        WT3_DHK      8-15
        WT3_DHK2     16-23
        R3_DK_01     24-31
        R3_DK_02     32-39
        R3_DK_03     40-47
        R3_DK_04     48-55
        R3_DK_05     56-63
        R3_DK_06     64-71
        R3_DK_07     72-79
        R3_DK_08     80-87
        R3_DK_09     88-95
        R3_DK_10     96-103
        R3_DK_11    104-111
        R3_DK_12    112-119
        R3_DK_13    120-127
        R3_DK_14    128-135
        R3_DK_15    136-143
        R3_DK_16    144-151
        R3_DK_17    152-159
        R3_DK_18    160-167
        R3_DK_19    168-175
        R3_DK_20    176-183
        R3_DK_21    184-191
        R3_DK_22    192-199
        R3_DK_23    200-207
        R3_DK_24    208-215
        R3_DK_25    216-223
        R3_DK_26    224-231
        R3_DK_27    232-239
        R3_DK_28    240-247
        R3_DK_29    248-255
        R3_DK_30    256-263
        R3_DK_31    264-271
        R3_DK_32    272-279
        R3_DK_33    280-287

```

R3_DK_34	288-295
R3_DK_35	296-303
R3_DK_36	304-311
R3_DK_37	312-319
R3_DK_38	320-327
R3_DK_39	328-335
R3_DK_40	336-343
R3_DK_41	344-351
R3_DK_42	352-359
R3_DK_43	360-367
R3_K2_01	368-375
R3_K2_02	376-383
R3_K2_03	384-391
R3_K2_04	392-399
R3_K2_05	400-407
R3_K2_06	408-415
R3_K2_07	416-423
R3_K2_08	424-431
R3_K2_09	432-439
R3_K2_10	440-447
R3_K2_11	448-455
R3_K2_12	456-463
R3_K2_13	464-471
R3_K2_14	472-479
R3_K2_15	480-487
R3_K2_16	488-495
R3_K2_17	496-503
R3_K2_18	504-511
R3_K2_19	512-519
R3_K2_20	520-527
R3_K2_21	528-535
R3_K2_22	536-543
R3_K2_23	544-551
R3_K2_24	552-559
R3_K2_25	560-567
R3_K2_26	568-575
R3_K2_27	576-583
R3_K2_28	584-591
R3_K2_29	592-599
R3_K2_30	600-607
R3_K2_31	608-615
R3_K2_32	616-623
R3_K2_33	624-631
R3_K2_34	632-639
R3_K2_35	640-647
R3_K2_36	648-655
R3_K2_37	656-663
R3_K2_38	664-671
R3_K2_39	672-679
R3_K2_40	680-687
R3_K2_41	688-695
R3_K2_42	696-703
R3_K2_43	704-711
VARSTR3T	712-713
VARUNIT	714
YEAR	715-718;

label

HHID = "Household ID"
SPNUM = "Sample person number"
WT3_DHK = "Full-sample 3-year DHKS weight"
WT3_DHK2 = "Full-sample 3-year DHKS 2-day weight"
R3_DK_01 = "Replicate 3-year DHKS weight - 1"
R3_DK_02 = "Replicate 3-year DHKS weight - 2"
R3_DK_03 = "Replicate 3-year DHKS weight - 3"
R3_DK_04 = "Replicate 3-year DHKS weight - 4"
R3_DK_05 = "Replicate 3-year DHKS weight - 5"
R3_DK_06 = "Replicate 3-year DHKS weight - 6"
R3_DK_07 = "Replicate 3-year DHKS weight - 7"
R3_DK_08 = "Replicate 3-year DHKS weight - 8"
R3_DK_09 = "Replicate 3-year DHKS weight - 9"
R3_DK_10 = "Replicate 3-year DHKS weight - 10"
R3_DK_11 = "Replicate 3-year DHKS weight - 11"
R3_DK_12 = "Replicate 3-year DHKS weight - 12"
R3_DK_13 = "Replicate 3-year DHKS weight - 13"
R3_DK_14 = "Replicate 3-year DHKS weight - 14"
R3_DK_15 = "Replicate 3-year DHKS weight - 15"
R3_DK_16 = "Replicate 3-year DHKS weight - 16"
R3_DK_17 = "Replicate 3-year DHKS weight - 17"
R3_DK_18 = "Replicate 3-year DHKS weight - 18"
R3_DK_19 = "Replicate 3-year DHKS weight - 19"
R3_DK_20 = "Replicate 3-year DHKS weight - 20"
R3_DK_21 = "Replicate 3-year DHKS weight - 21"
R3_DK_22 = "Replicate 3-year DHKS weight - 22"
R3_DK_23 = "Replicate 3-year DHKS weight - 23"
R3_DK_24 = "Replicate 3-year DHKS weight - 24"
R3_DK_25 = "Replicate 3-year DHKS weight - 25"
R3_DK_26 = "Replicate 3-year DHKS weight - 26"
R3_DK_27 = "Replicate 3-year DHKS weight - 27"
R3_DK_28 = "Replicate 3-year DHKS weight - 28"
R3_DK_29 = "Replicate 3-year DHKS weight - 29"
R3_DK_30 = "Replicate 3-year DHKS weight - 30"
R3_DK_31 = "Replicate 3-year DHKS weight - 31"
R3_DK_32 = "Replicate 3-year DHKS weight - 32"
R3_DK_33 = "Replicate 3-year DHKS weight - 33"
R3_DK_34 = "Replicate 3-year DHKS weight - 34"
R3_DK_35 = "Replicate 3-year DHKS weight - 35"
R3_DK_36 = "Replicate 3-year DHKS weight - 36"
R3_DK_37 = "Replicate 3-year DHKS weight - 37"
R3_DK_38 = "Replicate 3-year DHKS weight - 38"
R3_DK_39 = "Replicate 3-year DHKS weight - 39"
R3_DK_40 = "Replicate 3-year DHKS weight - 40"
R3_DK_41 = "Replicate 3-year DHKS weight - 41"
R3_DK_42 = "Replicate 3-year DHKS weight - 42"
R3_DK_43 = "Replicate 3-year DHKS weight - 43"
R3_K2_01 = "Replicate 3-year DHKS 2-day weight - 1"
R3_K2_02 = "Replicate 3-year DHKS 2-day weight - 2"
R3_K2_03 = "Replicate 3-year DHKS 2-day weight - 3"
R3_K2_04 = "Replicate 3-year DHKS 2-day weight - 4"
R3_K2_05 = "Replicate 3-year DHKS 2-day weight - 5"
R3_K2_06 = "Replicate 3-year DHKS 2-day weight - 6"
R3_K2_07 = "Replicate 3-year DHKS 2-day weight - 7"
R3_K2_08 = "Replicate 3-year DHKS 2-day weight - 8"
R3_K2_09 = "Replicate 3-year DHKS 2-day weight - 9"
R3_K2_10 = "Replicate 3-year DHKS 2-day weight - 10"
R3_K2_11 = "Replicate 3-year DHKS 2-day weight - 11"

```
R3_K2_12 = "Replicate 3-year DHKS 2-day weight - 12"
R3_K2_13 = "Replicate 3-year DHKS 2-day weight - 13"
R3_K2_14 = "Replicate 3-year DHKS 2-day weight - 14"
R3_K2_15 = "Replicate 3-year DHKS 2-day weight - 15"
R3_K2_16 = "Replicate 3-year DHKS 2-day weight - 16"
R3_K2_17 = "Replicate 3-year DHKS 2-day weight - 17"
R3_K2_18 = "Replicate 3-year DHKS 2-day weight - 18"
R3_K2_19 = "Replicate 3-year DHKS 2-day weight - 19"
R3_K2_20 = "Replicate 3-year DHKS 2-day weight - 20"
R3_K2_21 = "Replicate 3-year DHKS 2-day weight - 21"
R3_K2_22 = "Replicate 3-year DHKS 2-day weight - 22"
R3_K2_23 = "Replicate 3-year DHKS 2-day weight - 23"
R3_K2_24 = "Replicate 3-year DHKS 2-day weight - 24"
R3_K2_25 = "Replicate 3-year DHKS 2-day weight - 25"
R3_K2_26 = "Replicate 3-year DHKS 2-day weight - 26"
R3_K2_27 = "Replicate 3-year DHKS 2-day weight - 27"
R3_K2_28 = "Replicate 3-year DHKS 2-day weight - 28"
R3_K2_29 = "Replicate 3-year DHKS 2-day weight - 29"
R3_K2_30 = "Replicate 3-year DHKS 2-day weight - 30"
R3_K2_31 = "Replicate 3-year DHKS 2-day weight - 31"
R3_K2_32 = "Replicate 3-year DHKS 2-day weight - 32"
R3_K2_33 = "Replicate 3-year DHKS 2-day weight - 33"
R3_K2_34 = "Replicate 3-year DHKS 2-day weight - 34"
R3_K2_35 = "Replicate 3-year DHKS 2-day weight - 35"
R3_K2_36 = "Replicate 3-year DHKS 2-day weight - 36"
R3_K2_37 = "Replicate 3-year DHKS 2-day weight - 37"
R3_K2_38 = "Replicate 3-year DHKS 2-day weight - 38"
R3_K2_39 = "Replicate 3-year DHKS 2-day weight - 39"
R3_K2_40 = "Replicate 3-year DHKS 2-day weight - 40"
R3_K2_41 = "Replicate 3-year DHKS 2-day weight - 41"
R3_K2_42 = "Replicate 3-year DHKS 2-day weight - 42"
R3_K2_43 = "Replicate 3-year DHKS 2-day weight - 43"
VARSTR3T = "Variance-estimation stratum"
VARUNIT   = "Variance-estimation unit"
YEAR      = "Year of survey"
;
```

```
run;
```

```

*****
*****
*
* jk3yrhh.sas          section 10.4.5
*
* This SAS program reads the file containing the 3-year
* CSFII household-level jackknife replicate weights
* (jkw3yrhh.dat) and saves it as a SAS file.  Be sure to
* modify the libname and filename statements as
* appropriate.  This file may be merged with files
* containing household-level data through the use of a
* MERGE statement and a BY statement referencing the SAS
* variable HHID.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkw3yrhh.dat'; /* ascii file from CD 2 */

data dir1.jkw3yrhh (compress = yes);
  infile file1 lrecl = 364;
  input HHID          1-5
        WT3_HH        6-13
        R3_HH_01      14-21
        R3_HH_02      22-29
        R3_HH_03      30-37
        R3_HH_04      38-45
        R3_HH_05      46-53
        R3_HH_06      54-61
        R3_HH_07      62-69
        R3_HH_08      70-77
        R3_HH_09      78-85
        R3_HH_10      86-93
        R3_HH_11      94-101
        R3_HH_12     102-109
        R3_HH_13     110-117
        R3_HH_14     118-125
        R3_HH_15     126-133
        R3_HH_16     134-141
        R3_HH_17     142-149
        R3_HH_18     150-157
        R3_HH_19     158-165
        R3_HH_20     166-173
        R3_HH_21     174-181
        R3_HH_22     182-189
        R3_HH_23     190-197
        R3_HH_24     198-205
        R3_HH_25     206-213
        R3_HH_26     214-221
        R3_HH_27     222-229
        R3_HH_28     230-237
        R3_HH_29     238-245
        R3_HH_30     246-253
        R3_HH_31     254-261
        R3_HH_32     262-269
        R3_HH_33     270-277

```

R3_HH_34	278-285
R3_HH_35	286-293
R3_HH_36	294-301
R3_HH_37	302-309
R3_HH_38	310-317
R3_HH_39	318-325
R3_HH_40	326-333
R3_HH_41	334-341
R3_HH_42	342-349
R3_HH_43	350-357
VARSTRAT	358-359
VARUNIT	360
YEAR	361-364;

label

HHID	= "Household ID"
WT3_HH	= "Full-sample 3-year household weight"
R3_HH_01	= "Replicate 3-year household weight - 1"
R3_HH_02	= "Replicate 3-year household weight - 2"
R3_HH_03	= "Replicate 3-year household weight - 3"
R3_HH_04	= "Replicate 3-year household weight - 4"
R3_HH_05	= "Replicate 3-year household weight - 5"
R3_HH_06	= "Replicate 3-year household weight - 6"
R3_HH_07	= "Replicate 3-year household weight - 7"
R3_HH_08	= "Replicate 3-year household weight - 8"
R3_HH_09	= "Replicate 3-year household weight - 9"
R3_HH_10	= "Replicate 3-year household weight - 10"
R3_HH_11	= "Replicate 3-year household weight - 11"
R3_HH_12	= "Replicate 3-year household weight - 12"
R3_HH_13	= "Replicate 3-year household weight - 13"
R3_HH_14	= "Replicate 3-year household weight - 14"
R3_HH_15	= "Replicate 3-year household weight - 15"
R3_HH_16	= "Replicate 3-year household weight - 16"
R3_HH_17	= "Replicate 3-year household weight - 17"
R3_HH_18	= "Replicate 3-year household weight - 18"
R3_HH_19	= "Replicate 3-year household weight - 19"
R3_HH_20	= "Replicate 3-year household weight - 20"
R3_HH_21	= "Replicate 3-year household weight - 21"
R3_HH_22	= "Replicate 3-year household weight - 22"
R3_HH_23	= "Replicate 3-year household weight - 23"
R3_HH_24	= "Replicate 3-year household weight - 24"
R3_HH_25	= "Replicate 3-year household weight - 25"
R3_HH_26	= "Replicate 3-year household weight - 26"
R3_HH_27	= "Replicate 3-year household weight - 27"
R3_HH_28	= "Replicate 3-year household weight - 28"
R3_HH_29	= "Replicate 3-year household weight - 29"
R3_HH_30	= "Replicate 3-year household weight - 30"
R3_HH_31	= "Replicate 3-year household weight - 31"
R3_HH_32	= "Replicate 3-year household weight - 32"
R3_HH_33	= "Replicate 3-year household weight - 33"
R3_HH_34	= "Replicate 3-year household weight - 34"
R3_HH_35	= "Replicate 3-year household weight - 35"
R3_HH_36	= "Replicate 3-year household weight - 36"
R3_HH_37	= "Replicate 3-year household weight - 37"
R3_HH_38	= "Replicate 3-year household weight - 38"
R3_HH_39	= "Replicate 3-year household weight - 39"
R3_HH_40	= "Replicate 3-year household weight - 40"

```
R3_HH_41 = "Replicate 3-year household weight - 41"  
R3_HH_42 = "Replicate 3-year household weight - 42"  
R3_HH_43 = "Replicate 3-year household weight - 43"  
VARSTRAT = "Variance-estimation stratum"  
VARUNIT  = "Variance-estimation unit"  
YEAR     = "Year of survey"  
;
```

```
run;
```

```

*****
*****
*
* jk4yracs.sas          section 10.4.1
*
* This SAS program reads the file containing the 4-year
* CSFII jackknife replicate weights (jkw4yracs.dat) and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  This file may
* be merged with files containing personal or intake data
* through the use of a MERGE statement and a BY statement
* referencing the SAS variables HHID and SPNUM.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkw4yracs.dat'; /* ascii file from CD 2 */

data dir1.jkw4yracs (compress = yes);
  infile file1 lrecl = 718;
  input HHID          1-5
        SPNUM         6-7
        WT4_DAY1      8-15
        WT4_2DAY      16-23
        R4_D1_01      24-31
        R4_D1_02      32-39
        R4_D1_03      40-47
        R4_D1_04      48-55
        R4_D1_05      56-63
        R4_D1_06      64-71
        R4_D1_07      72-79
        R4_D1_08      80-87
        R4_D1_09      88-95
        R4_D1_10      96-103
        R4_D1_11     104-111
        R4_D1_12     112-119
        R4_D1_13     120-127
        R4_D1_14     128-135
        R4_D1_15     136-143
        R4_D1_16     144-151
        R4_D1_17     152-159
        R4_D1_18     160-167
        R4_D1_19     168-175
        R4_D1_20     176-183
        R4_D1_21     184-191
        R4_D1_22     192-199
        R4_D1_23     200-207
        R4_D1_24     208-215
        R4_D1_25     216-223
        R4_D1_26     224-231
        R4_D1_27     232-239
        R4_D1_28     240-247
        R4_D1_29     248-255
        R4_D1_30     256-263
        R4_D1_31     264-271
        R4_D1_32     272-279
        R4_D1_33     280-287
        R4_D1_34     288-295
        R4_D1_35     296-303
        R4_D1_36     304-311
        R4_D1_37     312-319

```

R4_D1_38	320-327
R4_D1_39	328-335
R4_D1_40	336-343
R4_D1_41	344-351
R4_D1_42	352-359
R4_D1_43	360-367
R4_2D_01	368-375
R4_2D_02	376-383
R4_2D_03	384-391
R4_2D_04	392-399
R4_2D_05	400-407
R4_2D_06	408-415
R4_2D_07	416-423
R4_2D_08	424-431
R4_2D_09	432-439
R4_2D_10	440-447
R4_2D_11	448-455
R4_2D_12	456-463
R4_2D_13	464-471
R4_2D_14	472-479
R4_2D_15	480-487
R4_2D_16	488-495
R4_2D_17	496-503
R4_2D_18	504-511
R4_2D_19	512-519
R4_2D_20	520-527
R4_2D_21	528-535
R4_2D_22	536-543
R4_2D_23	544-551
R4_2D_24	552-559
R4_2D_25	560-567
R4_2D_26	568-575
R4_2D_27	576-583
R4_2D_28	584-591
R4_2D_29	592-599
R4_2D_30	600-607
R4_2D_31	608-615
R4_2D_32	616-623
R4_2D_33	624-631
R4_2D_34	632-639
R4_2D_35	640-647
R4_2D_36	648-655
R4_2D_37	656-663
R4_2D_38	664-671
R4_2D_39	672-679
R4_2D_40	680-687
R4_2D_41	688-695
R4_2D_42	696-703
R4_2D_43	704-711
VARSTRAT	712-713
VARUNIT	714
YEAR	715-718;

label

HHID	= "Household ID"
SPNUM	= "Sample person number"
WT4_DAY1	= "Full-sample 4-year day 1 weight"
WT4_2DAY	= "Full-sample 4-year 2-day weight"
R4_D1_01	= "Replicate 4-year day 1 weight - 1"
R4_D1_02	= "Replicate 4-year day 1 weight - 2"
R4_D1_03	= "Replicate 4-year day 1 weight - 3"
R4_D1_04	= "Replicate 4-year day 1 weight - 4"

R4_D1_05 = "Replicate 4-year day 1 weight - 5"
R4_D1_06 = "Replicate 4-year day 1 weight - 6"
R4_D1_07 = "Replicate 4-year day 1 weight - 7"
R4_D1_08 = "Replicate 4-year day 1 weight - 8"
R4_D1_09 = "Replicate 4-year day 1 weight - 9"
R4_D1_10 = "Replicate 4-year day 1 weight - 10"
R4_D1_11 = "Replicate 4-year day 1 weight - 11"
R4_D1_12 = "Replicate 4-year day 1 weight - 12"
R4_D1_13 = "Replicate 4-year day 1 weight - 13"
R4_D1_14 = "Replicate 4-year day 1 weight - 14"
R4_D1_15 = "Replicate 4-year day 1 weight - 15"
R4_D1_16 = "Replicate 4-year day 1 weight - 16"
R4_D1_17 = "Replicate 4-year day 1 weight - 17"
R4_D1_18 = "Replicate 4-year day 1 weight - 18"
R4_D1_19 = "Replicate 4-year day 1 weight - 19"
R4_D1_20 = "Replicate 4-year day 1 weight - 20"
R4_D1_21 = "Replicate 4-year day 1 weight - 21"
R4_D1_22 = "Replicate 4-year day 1 weight - 22"
R4_D1_23 = "Replicate 4-year day 1 weight - 23"
R4_D1_24 = "Replicate 4-year day 1 weight - 24"
R4_D1_25 = "Replicate 4-year day 1 weight - 25"
R4_D1_26 = "Replicate 4-year day 1 weight - 26"
R4_D1_27 = "Replicate 4-year day 1 weight - 27"
R4_D1_28 = "Replicate 4-year day 1 weight - 28"
R4_D1_29 = "Replicate 4-year day 1 weight - 29"
R4_D1_30 = "Replicate 4-year day 1 weight - 30"
R4_D1_31 = "Replicate 4-year day 1 weight - 31"
R4_D1_32 = "Replicate 4-year day 1 weight - 32"
R4_D1_33 = "Replicate 4-year day 1 weight - 33"
R4_D1_34 = "Replicate 4-year day 1 weight - 34"
R4_D1_35 = "Replicate 4-year day 1 weight - 35"
R4_D1_36 = "Replicate 4-year day 1 weight - 36"
R4_D1_37 = "Replicate 4-year day 1 weight - 37"
R4_D1_38 = "Replicate 4-year day 1 weight - 38"
R4_D1_39 = "Replicate 4-year day 1 weight - 39"
R4_D1_40 = "Replicate 4-year day 1 weight - 40"
R4_D1_41 = "Replicate 4-year day 1 weight - 41"
R4_D1_42 = "Replicate 4-year day 1 weight - 42"
R4_D1_43 = "Replicate 4-year day 1 weight - 43"
R4_2D_01 = "Replicate 4-year 2-day weight - 1"
R4_2D_02 = "Replicate 4-year 2-day weight - 2"
R4_2D_03 = "Replicate 4-year 2-day weight - 3"
R4_2D_04 = "Replicate 4-year 2-day weight - 4"
R4_2D_05 = "Replicate 4-year 2-day weight - 5"
R4_2D_06 = "Replicate 4-year 2-day weight - 6"
R4_2D_07 = "Replicate 4-year 2-day weight - 7"
R4_2D_08 = "Replicate 4-year 2-day weight - 8"
R4_2D_09 = "Replicate 4-year 2-day weight - 9"
R4_2D_10 = "Replicate 4-year 2-day weight - 10"
R4_2D_11 = "Replicate 4-year 2-day weight - 11"
R4_2D_12 = "Replicate 4-year 2-day weight - 12"
R4_2D_13 = "Replicate 4-year 2-day weight - 13"
R4_2D_14 = "Replicate 4-year 2-day weight - 14"
R4_2D_15 = "Replicate 4-year 2-day weight - 15"
R4_2D_16 = "Replicate 4-year 2-day weight - 16"
R4_2D_17 = "Replicate 4-year 2-day weight - 17"
R4_2D_18 = "Replicate 4-year 2-day weight - 18"
R4_2D_19 = "Replicate 4-year 2-day weight - 19"
R4_2D_20 = "Replicate 4-year 2-day weight - 20"
R4_2D_21 = "Replicate 4-year 2-day weight - 21"
R4_2D_22 = "Replicate 4-year 2-day weight - 22"
R4_2D_23 = "Replicate 4-year 2-day weight - 23"

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R4_2D_24 = "Replicate 4-year 2-day weight - 24"  
R4_2D_25 = "Replicate 4-year 2-day weight - 25"  
R4_2D_26 = "Replicate 4-year 2-day weight - 26"  
R4_2D_27 = "Replicate 4-year 2-day weight - 27"  
R4_2D_28 = "Replicate 4-year 2-day weight - 28"  
R4_2D_29 = "Replicate 4-year 2-day weight - 29"  
R4_2D_30 = "Replicate 4-year 2-day weight - 30"  
R4_2D_31 = "Replicate 4-year 2-day weight - 31"  
R4_2D_32 = "Replicate 4-year 2-day weight - 32"  
R4_2D_33 = "Replicate 4-year 2-day weight - 33"  
R4_2D_34 = "Replicate 4-year 2-day weight - 34"  
R4_2D_35 = "Replicate 4-year 2-day weight - 35"  
R4_2D_36 = "Replicate 4-year 2-day weight - 36"  
R4_2D_37 = "Replicate 4-year 2-day weight - 37"  
R4_2D_38 = "Replicate 4-year 2-day weight - 38"  
R4_2D_39 = "Replicate 4-year 2-day weight - 39"  
R4_2D_40 = "Replicate 4-year 2-day weight - 40"  
R4_2D_41 = "Replicate 4-year 2-day weight - 41"  
R4_2D_42 = "Replicate 4-year 2-day weight - 42"  
R4_2D_43 = "Replicate 4-year 2-day weight - 43"  
VARSTRAT = "Variance-estimation stratum"  
VARUNIT = "Variance-estimation unit"  
YEAR = "Year of survey"  
;
```

```
run;
```

```

*****
*****
*
* jk4yrhh.sas          section 10.4.4
*
* This SAS program reads the file containing the 4-year
* CSFII household-level jackknife replicate weights
* (jkw4yrhh.dat) and saves it as a SAS file.  Be sure to
* modify the libname and filename statements as
* appropriate.  This file may be merged with files
* containing household-level data through the use of a
* MERGE statement and a BY statement referencing the SAS
* variable HHID.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkw4yrhh.dat'; /* ascii file from CD 2 */

data dir1.jkw4yrhh (compress = yes);
  infile file1 lrecl = 364;
  input HHID          1-5
        WT4_HH       6-13
        R4_HH_01     14-21
        R4_HH_02     22-29
        R4_HH_03     30-37
        R4_HH_04     38-45
        R4_HH_05     46-53
        R4_HH_06     54-61
        R4_HH_07     62-69
        R4_HH_08     70-77
        R4_HH_09     78-85
        R4_HH_10     86-93
        R4_HH_11     94-101
        R4_HH_12     102-109
        R4_HH_13     110-117
        R4_HH_14     118-125
        R4_HH_15     126-133
        R4_HH_16     134-141
        R4_HH_17     142-149
        R4_HH_18     150-157
        R4_HH_19     158-165
        R4_HH_20     166-173
        R4_HH_21     174-181
        R4_HH_22     182-189
        R4_HH_23     190-197
        R4_HH_24     198-205
        R4_HH_25     206-213
        R4_HH_26     214-221
        R4_HH_27     222-229
        R4_HH_28     230-237
        R4_HH_29     238-245
        R4_HH_30     246-253
        R4_HH_31     254-261
        R4_HH_32     262-269
        R4_HH_33     270-277
        R4_HH_34     278-285
        R4_HH_35     286-293
        R4_HH_36     294-301
        R4_HH_37     302-309
        R4_HH_38     310-317

```

```

R4_HH_39      318-325
R4_HH_40      326-333
R4_HH_41      334-341
R4_HH_42      342-349
R4_HH_43      350-357
VARSTRAT      358-359
VARUNIT       360
YEAR          361-364;

```

```
label
```

```

HHID          = "Household ID"
WT4_HH        = "Full-sample 4-year household weight"
R4_HH_01      = "Replicate 4-year household weight - 1"
R4_HH_02      = "Replicate 4-year household weight - 2"
R4_HH_03      = "Replicate 4-year household weight - 3"
R4_HH_04      = "Replicate 4-year household weight - 4"
R4_HH_05      = "Replicate 4-year household weight - 5"
R4_HH_06      = "Replicate 4-year household weight - 6"
R4_HH_07      = "Replicate 4-year household weight - 7"
R4_HH_08      = "Replicate 4-year household weight - 8"
R4_HH_09      = "Replicate 4-year household weight - 9"
R4_HH_10      = "Replicate 4-year household weight - 10"
R4_HH_11      = "Replicate 4-year household weight - 11"
R4_HH_12      = "Replicate 4-year household weight - 12"
R4_HH_13      = "Replicate 4-year household weight - 13"
R4_HH_14      = "Replicate 4-year household weight - 14"
R4_HH_15      = "Replicate 4-year household weight - 15"
R4_HH_16      = "Replicate 4-year household weight - 16"
R4_HH_17      = "Replicate 4-year household weight - 17"
R4_HH_18      = "Replicate 4-year household weight - 18"
R4_HH_19      = "Replicate 4-year household weight - 19"
R4_HH_20      = "Replicate 4-year household weight - 20"
R4_HH_21      = "Replicate 4-year household weight - 21"
R4_HH_22      = "Replicate 4-year household weight - 22"
R4_HH_23      = "Replicate 4-year household weight - 23"
R4_HH_24      = "Replicate 4-year household weight - 24"
R4_HH_25      = "Replicate 4-year household weight - 25"
R4_HH_26      = "Replicate 4-year household weight - 26"
R4_HH_27      = "Replicate 4-year household weight - 27"
R4_HH_28      = "Replicate 4-year household weight - 28"
R4_HH_29      = "Replicate 4-year household weight - 29"
R4_HH_30      = "Replicate 4-year household weight - 30"
R4_HH_31      = "Replicate 4-year household weight - 31"
R4_HH_32      = "Replicate 4-year household weight - 32"
R4_HH_33      = "Replicate 4-year household weight - 33"
R4_HH_34      = "Replicate 4-year household weight - 34"
R4_HH_35      = "Replicate 4-year household weight - 35"
R4_HH_36      = "Replicate 4-year household weight - 36"
R4_HH_37      = "Replicate 4-year household weight - 37"
R4_HH_38      = "Replicate 4-year household weight - 38"
R4_HH_39      = "Replicate 4-year household weight - 39"
R4_HH_40      = "Replicate 4-year household weight - 40"
R4_HH_41      = "Replicate 4-year household weight - 41"
R4_HH_42      = "Replicate 4-year household weight - 42"
R4_HH_43      = "Replicate 4-year household weight - 43"
VARSTRAT      = "Variance-estimation stratum"
VARUNIT       = "Variance-estimation unit"
YEAR          = "Year of survey"
;

```

```
run;
```

```

*****
*****
*
* jkanncs.sas          section 10.4.2
*
* This SAS program reads the file containing the annual
* CSFII jackknife replicate weights
* (\jackknife\jkwanncs.dat on Disk 2) and saves it as a SAS
* file. Be sure to modify the libname and filename
* statements as appropriate. This file may be merged with
* containing personal or intake data through the use of a
* MERGE statement and a BY statement referencing the SAS
* variables HHID and SPNUM.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkwanncs.dat'; /* ascii file from CD 2 */

data dir1.jkwanncs (compress = yes);
  infile file1 lrecl = 718;
  input HHID          1-5
        SPNUM        6-7
        WTA_DAY1     8-15
        WTA_2DAY     16-23
        RA_D1_01     24-31
        RA_D1_02     32-39
        RA_D1_03     40-47
        RA_D1_04     48-55
        RA_D1_05     56-63
        RA_D1_06     64-71
        RA_D1_07     72-79
        RA_D1_08     80-87
        RA_D1_09     88-95
        RA_D1_10     96-103
        RA_D1_11    104-111
        RA_D1_12    112-119
        RA_D1_13    120-127
        RA_D1_14    128-135
        RA_D1_15    136-143
        RA_D1_16    144-151
        RA_D1_17    152-159
        RA_D1_18    160-167
        RA_D1_19    168-175
        RA_D1_20    176-183
        RA_D1_21    184-191
        RA_D1_22    192-199
        RA_D1_23    200-207
        RA_D1_24    208-215
        RA_D1_25    216-223
        RA_D1_26    224-231
        RA_D1_27    232-239
        RA_D1_28    240-247
        RA_D1_29    248-255
        RA_D1_30    256-263
        RA_D1_31    264-271
        RA_D1_32    272-279
        RA_D1_33    280-287

```

RA_D1_34	288-295
RA_D1_35	296-303
RA_D1_36	304-311
RA_D1_37	312-319
RA_D1_38	320-327
RA_D1_39	328-335
RA_D1_40	336-343
RA_D1_41	344-351
RA_D1_42	352-359
RA_D1_43	360-367
RA_2D_01	368-375
RA_2D_02	376-383
RA_2D_03	384-391
RA_2D_04	392-399
RA_2D_05	400-407
RA_2D_06	408-415
RA_2D_07	416-423
RA_2D_08	424-431
RA_2D_09	432-439
RA_2D_10	440-447
RA_2D_11	448-455
RA_2D_12	456-463
RA_2D_13	464-471
RA_2D_14	472-479
RA_2D_15	480-487
RA_2D_16	488-495
RA_2D_17	496-503
RA_2D_18	504-511
RA_2D_19	512-519
RA_2D_20	520-527
RA_2D_21	528-535
RA_2D_22	536-543
RA_2D_23	544-551
RA_2D_24	552-559
RA_2D_25	560-567
RA_2D_26	568-575
RA_2D_27	576-583
RA_2D_28	584-591
RA_2D_29	592-599
RA_2D_30	600-607
RA_2D_31	608-615
RA_2D_32	616-623
RA_2D_33	624-631
RA_2D_34	632-639
RA_2D_35	640-647
RA_2D_36	648-655
RA_2D_37	656-663
RA_2D_38	664-671
RA_2D_39	672-679
RA_2D_40	680-687
RA_2D_41	688-695
RA_2D_42	696-703
RA_2D_43	704-711
VARSTRAT	712-713
VARUNIT	714
YEAR	715-718;

label

HHID = "Household ID"
SPNUM = "Sample person number"
WTA_DAY1 = "Full-sample annual day 1 weight"
WTA_2DAY = "Full-sample annual 2-day weight"
RA_D1_01 = "Replicate annual day 1 weight - 1"
RA_D1_02 = "Replicate annual day 1 weight - 2"
RA_D1_03 = "Replicate annual day 1 weight - 3"
RA_D1_04 = "Replicate annual day 1 weight - 4"
RA_D1_05 = "Replicate annual day 1 weight - 5"
RA_D1_06 = "Replicate annual day 1 weight - 6"
RA_D1_07 = "Replicate annual day 1 weight - 7"
RA_D1_08 = "Replicate annual day 1 weight - 8"
RA_D1_09 = "Replicate annual day 1 weight - 9"
RA_D1_10 = "Replicate annual day 1 weight - 10"
RA_D1_11 = "Replicate annual day 1 weight - 11"
RA_D1_12 = "Replicate annual day 1 weight - 12"
RA_D1_13 = "Replicate annual day 1 weight - 13"
RA_D1_14 = "Replicate annual day 1 weight - 14"
RA_D1_15 = "Replicate annual day 1 weight - 15"
RA_D1_16 = "Replicate annual day 1 weight - 16"
RA_D1_17 = "Replicate annual day 1 weight - 17"
RA_D1_18 = "Replicate annual day 1 weight - 18"
RA_D1_19 = "Replicate annual day 1 weight - 19"
RA_D1_20 = "Replicate annual day 1 weight - 20"
RA_D1_21 = "Replicate annual day 1 weight - 21"
RA_D1_22 = "Replicate annual day 1 weight - 22"
RA_D1_23 = "Replicate annual day 1 weight - 23"
RA_D1_24 = "Replicate annual day 1 weight - 24"
RA_D1_25 = "Replicate annual day 1 weight - 25"
RA_D1_26 = "Replicate annual day 1 weight - 26"
RA_D1_27 = "Replicate annual day 1 weight - 27"
RA_D1_28 = "Replicate annual day 1 weight - 28"
RA_D1_29 = "Replicate annual day 1 weight - 29"
RA_D1_30 = "Replicate annual day 1 weight - 30"
RA_D1_31 = "Replicate annual day 1 weight - 31"
RA_D1_32 = "Replicate annual day 1 weight - 32"
RA_D1_33 = "Replicate annual day 1 weight - 33"
RA_D1_34 = "Replicate annual day 1 weight - 34"
RA_D1_35 = "Replicate annual day 1 weight - 35"
RA_D1_36 = "Replicate annual day 1 weight - 36"
RA_D1_37 = "Replicate annual day 1 weight - 37"
RA_D1_38 = "Replicate annual day 1 weight - 38"
RA_D1_39 = "Replicate annual day 1 weight - 39"
RA_D1_40 = "Replicate annual day 1 weight - 40"
RA_D1_41 = "Replicate annual day 1 weight - 41"
RA_D1_42 = "Replicate annual day 1 weight - 42"
RA_D1_43 = "Replicate annual day 1 weight - 43"
RA_2D_01 = "Replicate annual 2-day weight - 1"
RA_2D_02 = "Replicate annual 2-day weight - 2"
RA_2D_03 = "Replicate annual 2-day weight - 3"
RA_2D_04 = "Replicate annual 2-day weight - 4"
RA_2D_05 = "Replicate annual 2-day weight - 5"
RA_2D_06 = "Replicate annual 2-day weight - 6"
RA_2D_07 = "Replicate annual 2-day weight - 7"
RA_2D_08 = "Replicate annual 2-day weight - 8"
RA_2D_09 = "Replicate annual 2-day weight - 9"
RA_2D_10 = "Replicate annual 2-day weight - 10"
RA_2D_11 = "Replicate annual 2-day weight - 11"

```
RA_2D_12 = "Replicate annual 2-day weight - 12"  
RA_2D_13 = "Replicate annual 2-day weight - 13"  
RA_2D_14 = "Replicate annual 2-day weight - 14"  
RA_2D_15 = "Replicate annual 2-day weight - 15"  
RA_2D_16 = "Replicate annual 2-day weight - 16"  
RA_2D_17 = "Replicate annual 2-day weight - 17"  
RA_2D_18 = "Replicate annual 2-day weight - 18"  
RA_2D_19 = "Replicate annual 2-day weight - 19"  
RA_2D_20 = "Replicate annual 2-day weight - 20"  
RA_2D_21 = "Replicate annual 2-day weight - 21"  
RA_2D_22 = "Replicate annual 2-day weight - 22"  
RA_2D_23 = "Replicate annual 2-day weight - 23"  
RA_2D_24 = "Replicate annual 2-day weight - 24"  
RA_2D_25 = "Replicate annual 2-day weight - 25"  
RA_2D_26 = "Replicate annual 2-day weight - 26"  
RA_2D_27 = "Replicate annual 2-day weight - 27"  
RA_2D_28 = "Replicate annual 2-day weight - 28"  
RA_2D_29 = "Replicate annual 2-day weight - 29"  
RA_2D_30 = "Replicate annual 2-day weight - 30"  
RA_2D_31 = "Replicate annual 2-day weight - 31"  
RA_2D_32 = "Replicate annual 2-day weight - 32"  
RA_2D_33 = "Replicate annual 2-day weight - 33"  
RA_2D_34 = "Replicate annual 2-day weight - 34"  
RA_2D_35 = "Replicate annual 2-day weight - 35"  
RA_2D_36 = "Replicate annual 2-day weight - 36"  
RA_2D_37 = "Replicate annual 2-day weight - 37"  
RA_2D_38 = "Replicate annual 2-day weight - 38"  
RA_2D_39 = "Replicate annual 2-day weight - 39"  
RA_2D_40 = "Replicate annual 2-day weight - 40"  
RA_2D_41 = "Replicate annual 2-day weight - 41"  
RA_2D_42 = "Replicate annual 2-day weight - 42"  
RA_2D_43 = "Replicate annual 2-day weight - 43"  
VARSTRAT = "Variance-estimation stratum"  
VARUNIT = "Variance-estimation unit"  
YEAR = "Year of survey"  
;
```

```
run;
```

```

*****
*****
*
* jkanndh.sas          section 10.4.6
*
* This SAS program reads the file containing the annual
* DHKS jackknife replicate weights
* (\jackknife\jkwandh.dat on Disk 2) and saves it as a SAS
* file. Be sure to modify the libname and filename
* statements as appropriate. This file may be merged with
* containing personal or intake data through the use of a
* MERGE statement and a BY statement referencing the SAS
* variables HHID and SPNUM.
*
*****;

libname dir1 '\sas_file_directory';          /* directory for SAS files */

filename file1 'e:\jackknife\jkwandh.dat'; /* ascii file from CD 2 */

data dir1.jkwandh (compress = yes);
  infile file1 lrecl = 718;
  input HHID          1-5
        SPNUM         6-7
        WTA_DHK       8-15
        WTA_DHK2      16-23
        RA_DK_01      24-31
        RA_DK_02      32-39
        RA_DK_03      40-47
        RA_DK_04      48-55
        RA_DK_05      56-63
        RA_DK_06      64-71
        RA_DK_07      72-79
        RA_DK_08      80-87
        RA_DK_09      88-95
        RA_DK_10      96-103
        RA_DK_11     104-111
        RA_DK_12     112-119
        RA_DK_13     120-127
        RA_DK_14     128-135
        RA_DK_15     136-143
        RA_DK_16     144-151
        RA_DK_17     152-159
        RA_DK_18     160-167
        RA_DK_19     168-175
        RA_DK_20     176-183
        RA_DK_21     184-191
        RA_DK_22     192-199
        RA_DK_23     200-207
        RA_DK_24     208-215
        RA_DK_25     216-223
        RA_DK_26     224-231
        RA_DK_27     232-239
        RA_DK_28     240-247
        RA_DK_29     248-255
        RA_DK_30     256-263
        RA_DK_31     264-271
        RA_DK_32     272-279

```

RA_DK_33	280-287
RA_DK_34	288-295
RA_DK_35	296-303
RA_DK_36	304-311
RA_DK_37	312-319
RA_DK_38	320-327
RA_DK_39	328-335
RA_DK_40	336-343
RA_DK_41	344-351
RA_DK_42	352-359
RA_DK_43	360-367
RA_K2_01	368-375
RA_K2_02	376-383
RA_K2_03	384-391
RA_K2_04	392-399
RA_K2_05	400-407
RA_K2_06	408-415
RA_K2_07	416-423
RA_K2_08	424-431
RA_K2_09	432-439
RA_K2_10	440-447
RA_K2_11	448-455
RA_K2_12	456-463
RA_K2_13	464-471
RA_K2_14	472-479
RA_K2_15	480-487
RA_K2_16	488-495
RA_K2_17	496-503
RA_K2_18	504-511
RA_K2_19	512-519
RA_K2_20	520-527
RA_K2_21	528-535
RA_K2_22	536-543
RA_K2_23	544-551
RA_K2_24	552-559
RA_K2_25	560-567
RA_K2_26	568-575
RA_K2_27	576-583
RA_K2_28	584-591
RA_K2_29	592-599
RA_K2_30	600-607
RA_K2_31	608-615
RA_K2_32	616-623
RA_K2_33	624-631
RA_K2_34	632-639
RA_K2_35	640-647
RA_K2_36	648-655
RA_K2_37	656-663
RA_K2_38	664-671
RA_K2_39	672-679
RA_K2_40	680-687
RA_K2_41	688-695
RA_K2_42	696-703
RA_K2_43	704-711
VARSTRAT	712-713
VARUNIT	714
YEAR	715-718;

```

label
  HHID      = "Household ID"
  SPNUM     = "Sample person number"
  WTA_DHK  = "Full-sample annual DHKS weight"
  WTA_DHK2 = "Full-sample annual DHKS 2-day weight"
  RA_DK_01 = "Replicate annual DHKS weight - 1"
  RA_DK_02 = "Replicate annual DHKS weight - 2"
  RA_DK_03 = "Replicate annual DHKS weight - 3"
  RA_DK_04 = "Replicate annual DHKS weight - 4"
  RA_DK_05 = "Replicate annual DHKS weight - 5"
  RA_DK_06 = "Replicate annual DHKS weight - 6"
  RA_DK_07 = "Replicate annual DHKS weight - 7"
  RA_DK_08 = "Replicate annual DHKS weight - 8"
  RA_DK_09 = "Replicate annual DHKS weight - 9"
  RA_DK_10 = "Replicate annual DHKS weight - 10"
  RA_DK_11 = "Replicate annual DHKS weight - 11"
  RA_DK_12 = "Replicate annual DHKS weight - 12"
  RA_DK_13 = "Replicate annual DHKS weight - 13"
  RA_DK_14 = "Replicate annual DHKS weight - 14"
  RA_DK_15 = "Replicate annual DHKS weight - 15"
  RA_DK_16 = "Replicate annual DHKS weight - 16"
  RA_DK_17 = "Replicate annual DHKS weight - 17"
  RA_DK_18 = "Replicate annual DHKS weight - 18"
  RA_DK_19 = "Replicate annual DHKS weight - 19"
  RA_DK_20 = "Replicate annual DHKS weight - 20"
  RA_DK_21 = "Replicate annual DHKS weight - 21"
  RA_DK_22 = "Replicate annual DHKS weight - 22"
  RA_DK_23 = "Replicate annual DHKS weight - 23"
  RA_DK_24 = "Replicate annual DHKS weight - 24"
  RA_DK_25 = "Replicate annual DHKS weight - 25"
  RA_DK_26 = "Replicate annual DHKS weight - 26"
  RA_DK_27 = "Replicate annual DHKS weight - 27"
  RA_DK_28 = "Replicate annual DHKS weight - 28"
  RA_DK_29 = "Replicate annual DHKS weight - 29"
  RA_DK_30 = "Replicate annual DHKS weight - 30"
  RA_DK_31 = "Replicate annual DHKS weight - 31"
  RA_DK_32 = "Replicate annual DHKS weight - 32"
  RA_DK_33 = "Replicate annual DHKS weight - 33"
  RA_DK_34 = "Replicate annual DHKS weight - 34"
  RA_DK_35 = "Replicate annual DHKS weight - 35"
  RA_DK_36 = "Replicate annual DHKS weight - 36"
  RA_DK_37 = "Replicate annual DHKS weight - 37"
  RA_DK_38 = "Replicate annual DHKS weight - 38"
  RA_DK_39 = "Replicate annual DHKS weight - 39"
  RA_DK_40 = "Replicate annual DHKS weight - 40"
  RA_DK_41 = "Replicate annual DHKS weight - 41"
  RA_DK_42 = "Replicate annual DHKS weight - 42"
  RA_DK_43 = "Replicate annual DHKS weight - 43"
  RA_K2_01 = "Replicate annual DHKS 2-day weight - 1"
  RA_K2_02 = "Replicate annual DHKS 2-day weight - 2"
  RA_K2_03 = "Replicate annual DHKS 2-day weight - 3"
  RA_K2_04 = "Replicate annual DHKS 2-day weight - 4"
  RA_K2_05 = "Replicate annual DHKS 2-day weight - 5"
  RA_K2_06 = "Replicate annual DHKS 2-day weight - 6"
  RA_K2_07 = "Replicate annual DHKS 2-day weight - 7"
  RA_K2_08 = "Replicate annual DHKS 2-day weight - 8"
  RA_K2_09 = "Replicate annual DHKS 2-day weight - 9"
  RA_K2_10 = "Replicate annual DHKS 2-day weight - 10"

```

```
RA_K2_11 = "Replicate annual DHKS 2-day weight - 11"  
RA_K2_12 = "Replicate annual DHKS 2-day weight - 12"  
RA_K2_13 = "Replicate annual DHKS 2-day weight - 13"  
RA_K2_14 = "Replicate annual DHKS 2-day weight - 14"  
RA_K2_15 = "Replicate annual DHKS 2-day weight - 15"  
RA_K2_16 = "Replicate annual DHKS 2-day weight - 16"  
RA_K2_17 = "Replicate annual DHKS 2-day weight - 17"  
RA_K2_18 = "Replicate annual DHKS 2-day weight - 18"  
RA_K2_19 = "Replicate annual DHKS 2-day weight - 19"  
RA_K2_20 = "Replicate annual DHKS 2-day weight - 20"  
RA_K2_21 = "Replicate annual DHKS 2-day weight - 21"  
RA_K2_22 = "Replicate annual DHKS 2-day weight - 22"  
RA_K2_23 = "Replicate annual DHKS 2-day weight - 23"  
RA_K2_24 = "Replicate annual DHKS 2-day weight - 24"  
RA_K2_25 = "Replicate annual DHKS 2-day weight - 25"  
RA_K2_26 = "Replicate annual DHKS 2-day weight - 26"  
RA_K2_27 = "Replicate annual DHKS 2-day weight - 27"  
RA_K2_28 = "Replicate annual DHKS 2-day weight - 28"  
RA_K2_29 = "Replicate annual DHKS 2-day weight - 29"  
RA_K2_30 = "Replicate annual DHKS 2-day weight - 30"  
RA_K2_31 = "Replicate annual DHKS 2-day weight - 31"  
RA_K2_32 = "Replicate annual DHKS 2-day weight - 32"  
RA_K2_33 = "Replicate annual DHKS 2-day weight - 33"  
RA_K2_34 = "Replicate annual DHKS 2-day weight - 34"  
RA_K2_35 = "Replicate annual DHKS 2-day weight - 35"  
RA_K2_36 = "Replicate annual DHKS 2-day weight - 36"  
RA_K2_37 = "Replicate annual DHKS 2-day weight - 37"  
RA_K2_38 = "Replicate annual DHKS 2-day weight - 38"  
RA_K2_39 = "Replicate annual DHKS 2-day weight - 39"  
RA_K2_40 = "Replicate annual DHKS 2-day weight - 40"  
RA_K2_41 = "Replicate annual DHKS 2-day weight - 41"  
RA_K2_42 = "Replicate annual DHKS 2-day weight - 42"  
RA_K2_43 = "Replicate annual DHKS 2-day weight - 43"  
VARSTRAT = "Variance-estimation stratum"  
VARUNIT = "Variance-estimation unit"  
YEAR = "Year of survey"  
;
```

```
run;
```

```

*****
*****
*
* read15.sas          section 10.2.1
*
* This SAS program reads the record type 15 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Conversions of
* values representing missing data to special missing
* values may be made.  Formats are also included.  The PROC
* FORMAT statement will require a library = option to save
* the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';      /* directory for SAS files */

filename file15 'f:\rawdata\rt15.dat';  /* ascii file from CD 2 */

libname library '\format_directory';     /* format directory */

data dir1.rt15 (compress = yes
                drop = i);
  infile file15 lrecl = 281;
  input RT          1- 2
        HHID       3- 7
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
        HHSIZE     16- 17
        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV    26- 28
        POVCAT     29- 29
        IMPFLAG   30- 30
        FS_RCV12  31- 31
        COMP_HH   64- 64
        HH_RESP   $ 65- 65
        HH_LANG   66- 66
        CNT_D1    67- 68
        CNT_D2    69- 70
        DHK_HH    71- 71
        SHP_FREQ  72- 72
        SHP_STOR  73- 74
        SHP_GROC  75- 78
        SHP_GROU  79- 79
        SHP_NONF  80- 83
        SHP_NONU  84- 84
        SHP_SPEC  85- 88
        SHP_SPEU  89- 89
        SHP_FAST  90- 93
        SHP_FASU  94- 94
        SHP_AWAY  95- 98
        SHP_AWAU  99- 99
        HEAD_F    $ 100-100

```

HEAD_M	\$	101-101
TENURE		102-102
H2O_COOK		103-104
H2O_BEVR		105-106
H2O_DRNK		107-108
PLAN_ALL		109-109
PLAN_1	\$	110-110
PLAN_2	\$	111-111
PLAN_3	\$	112-112
SHOP_ALL		113-113
SHOP_1	\$	114-114
SHOP_2	\$	115-115
SHOP_3	\$	116-116
PREP_ALL		117-117
PREP_1	\$	118-118
PREP_2	\$	119-119
PREP_3	\$	120-120
D_ANYMEM		121-121
D_CALOR		122-122
D_FAT		123-123
D_SODIUM		124-124
D_SUGAR		125-125
D_LFIBER		126-126
D_HFIBER		127-127
D_DIABET		128-128
D_BLAND		129-129
D_WTGAIN		130-130
D_ALLERG		131-131
D_OTHER		132-132
PRG_ANY		133-133
PRG_WHO1	\$	134-134
PRG_TIM1		135-136
PRG_WHO2	\$	137-137
PRG_TIM2		138-139
BF_ANY		140-140
BF_WHO1	\$	141-141
BF_WOM1	\$	142-142
BF_WHO2	\$	143-143
BF_WOM2	\$	144-144
WIC_ANY		145-145
WIC_WHO1	\$	146-146
WIC_TIM1		147-148
WIC_UNT1		149-149
WIC_WHO2	\$	150-150
WIC_TIM2		151-152
WIC_UNT2		153-153
WIC_WHO3	\$	154-154
WIC_TIM3		155-156
WIC_UNT3		157-157
WIC_WHO4	\$	158-158
WIC_TIM4		159-160
WIC_UNT4		161-161
WIC_WHO5	\$	162-162
WIC_TIM5		163-164
WIC_UNT5		165-165
NUM1_5		166-166
CCAREL1	\$	167-167

CCARE1	168-168
CCAREL2	\$ 169-169
CCARE2	170-170
CCAREL3	\$ 171-171
CCARE3	172-172
CCAREL4	\$ 173-173
CCARE4	174-174
CCAREL5	\$ 175-175
CCARE5	176-176
CCAREL6	\$ 177-177
CCARE6	178-178
FOODDESC	179-179
NEFD_M1	180-180
NEFD_M2	181-181
NEFD_M3	182-182
NEFD_R1	183-183
NEFD_R2	184-184
NEFD_R3	185-185
NEFD_R4	186-186
NEFD_R5	187-187
NEFD_DYS	188-189
CASH5000	190-190
CASHCODE	\$ 191-191
YINC_S1	192-192
YINC_A1	193-198
YINC_S2	199-199
YINC_A2	200-205
MINC_S1	206-206
MINC_A1	207-210
MINC_S2	211-211
MINC_A2	212-215
MINC_S3	216-216
MINC_A3	217-220
MINC_S4	221-221
MINC_A4	222-225
MINC_S5	226-226
MINC_A5	227-230
MINC_S6	231-231
MINC_A6	232-235
MINC_RDK	236-236
FS_NOW	237-237
FS_EVERY	238-238
FS_COV01	\$ 239-239
FS_COV02	\$ 240-240
FS_COV03	\$ 241-241
FS_COV04	\$ 242-242
FS_COV05	\$ 243-243
FS_COV06	\$ 244-244
FS_COV07	\$ 245-245
FS_COV08	\$ 246-246
FS_COV09	\$ 247-247
FS_COV10	\$ 248-248
FS_INC	249-252
FS_MNTH	253-254
FS_YEAR	255-258
FS_VAL	259-261
YEAR	262-265

WT3_HH 266-273
WT4_HH 274-281;

label

RT = "Record type"
HHID = "Household ID"
VARSTRAT = "Variance-estimation stratum"
VARUNIT = "Variance-estimation unit"
REGION = "Region"
URB = "Urbanization"
HHSIZE = "Household size"
INCOME = "Annual income: total"
INCREP = "Annual income: actual report"
INCCODE = "Annual income: category"
PCTPOV = "Annual income: percent of poverty"
POVCAT = "Annual income: % of poverty category"
IMPFLAG = "Annual income: imputation flag"
FS_RCV12 = "Food stamps: in last 12 months"
COMP_HH = "HH interview completion flag"
HH_RESP = "HH respondent"
HH_LANG = "Language type of HH quex"
CNT_D1 = "Count of day 1 SPs in HH"
CNT_D2 = "Count of day 2 SPs in HH"
DHK_HH = "DHKS from HH"
SHP_FREQ = "Major food shopping: frequency"
SHP_STOR = "Major food shopping: kind of store"
SHP_GROC = "Amount: grocery store: week/month"
SHP_GROU = "Amount: unit for SHP_GROC"
SHP_NONF = "Amount: nonfood: week/month"
SHP_NONU = "Amount: unit for SHP_NONF"
SHP_SPEC = "Amount: specialty stores: week/month"
SHP_SPEU = "Amount: unit for SHP_SPEC"
SHP_FAST = "Amount: fast food: week/month"
SHP_FASU = "Amount: unit for SHP_FAST"
SHP_AWAY = "Amount: away from home: week/month"
SHP_AWAU = "Amount: unit for SHP_AWAY"
HEAD_F = "Head of HH: female"
HEAD_M = "Head of HH: male"
TENURE = "Tenure"
H2O_COOK = "Source of water: cooking"
H2O_BEVR = "Source of water: beverages"
H2O_DRNK = "Source of water: drinking"
PLAN_ALL = "Meal planner: all HH members"
PLAN_1 = "Meal planner: first"
PLAN_2 = "Meal planner: second"
PLAN_3 = "Meal planner: third"
SHOP_ALL = "Food shopper: all HH members"
SHOP_1 = "Food shopper: first"
SHOP_2 = "Food shopper: second"
SHOP_3 = "Food shopper: third"
PREP_ALL = "Food preparer: all HH members"
PREP_1 = "Food preparer: first"
PREP_2 = "Food preparer: second"
PREP_3 = "Food preparer: third"
D_ANYMEM = "Diet: any HH members"
D_CALOR = "Diet: weight loss / low calorie"
D_FAT = "Diet: low fat / cholesterol"

D_SODIUM = "Diet: low salt / sodium"
D_SUGAR = "Diet: sugar free / low sugar"
D_LFIBER = "Diet: low fiber"
D_HFIBER = "Diet: high fiber"
D_DIABET = "Diet: diabetic"
D_BLAND = "Diet: bland (ulcer)"
D_WTGAIN = "Diet: weight gain"
D_ALLERG = "Diet: allergy"
D_OTHER = "Diet: other"
PRG_ANY = "Pregnant: anyone in HH pregnant"
PRG_WHO1 = "Pregnant: person 1"
PRG_TIM1 = "Pregnant: person 1: month"
PRG_WHO2 = "Pregnant: person 2"
PRG_TIM2 = "Pregnant: person 2: month"
BF_ANY = "Breast fed: anyone in HH"
BF_WHO1 = "Breast fed: child 1"
BF_WOM1 = "Breast fed: woman 1"
BF_WHO2 = "Breast fed: child 2"
BF_WOM2 = "Breast fed: woman 2"
WIC_ANY = "WIC: anyone in HH"
WIC_WHO1 = "WIC: person 1"
WIC_TIM1 = "WIC: how long - person 1"
WIC_UNT1 = "WIC: unit for WIC_TIM1"
WIC_WHO2 = "WIC: person 2"
WIC_TIM2 = "WIC: how long - person 2"
WIC_UNT2 = "WIC: unit for WIC_TIM2"
WIC_WHO3 = "WIC: person 3"
WIC_TIM3 = "WIC: how long - person 3"
WIC_UNT3 = "WIC: unit for WIC_TIM3"
WIC_WHO4 = "WIC: person 4"
WIC_TIM4 = "WIC: how long - person 4"
WIC_UNT4 = "WIC: unit for WIC_TIM4"
WIC_WHO5 = "WIC: person 5"
WIC_TIM5 = "WIC: how long - person 5"
WIC_UNT5 = "WIC: unit for WIC_TIM5"
NUM1_5 = "Count of children 1 - 5"
CCAREL1 = "Line letter of first child 1-5"
CCARE1 = "Child care food: child 1"
CCAREL2 = "Line letter of second child 1-5"
CCARE2 = "Child care food: child 2"
CCAREL3 = "Line letter of third child 1-5"
CCARE3 = "Child care food: child 3"
CCAREL4 = "Line letter of fourth child 1-5"
CCARE4 = "Child care food: child 4"
CCAREL5 = "Line letter of fifth child 1-5"
CCARE5 = "Child care food: child 5"
CCAREL6 = "Line letter of sixth child 1-5"
CCARE6 = "Child care food: child 6"
FOODDESC = "Description of food eaten in HH"
NEFD_M1 = "Not enough: last month"
NEFD_M2 = "Not enough: month before last"
NEFD_M3 = "Not enough: 2 months before last"
NEFD_R1 = "Not enough: reason: money"
NEFD_R2 = "Not enough: reason: appliances"
NEFD_R3 = "Not enough: reason: transportation"
NEFD_R4 = "Not enough: reason: too busy"
NEFD_R5 = "Not enough: reason: other"

```

NEFD_DYS = "Not enough: days without"
CASH5000 = "Savings/assets: over $5,000"
CASHCODE = "Savings/assets: amount under $5,000"
YINC_S1  = "Ann. inc.: source: business"
YINC_A1  = "Ann. inc.: amount: business"
YINC_S2  = "Ann. inc.: source: interest"
YINC_A2  = "Ann. inc.: amount: interest"
MINC_S1  = "Mon. inc.: source: wages"
MINC_A1  = "Mon. inc.: amount: wages"
MINC_S2  = "Mon. inc.: source: SS/SSI"
MINC_A2  = "Mon. inc.: amount: SS/SSI"
MINC_S3  = "Mon. inc.: source: pension"
MINC_A3  = "Mon. inc.: amount: pension"
MINC_S4  = "Mon. inc.: source: unemployment"
MINC_A4  = "Mon. inc.: amount: unemployment"
MINC_S5  = "Mon. inc.: source: AFDC"
MINC_A5  = "Mon. inc.: amount: AFDC"
MINC_S6  = "Mon. inc.: source: other"
MINC_A6  = "Mon. inc.: amount: other"
MINC_RDK = "Mon. inc.: under 130%"
FS_NOW   = "Food stamps: at present"
FS_EVERY = "Food stamps: everyone receiving"
FS_COV01 = "Food stamps: first person covered"
FS_COV02 = "Food stamps: second person covered"
FS_COV03 = "Food stamps: third person covered"
FS_COV04 = "Food stamps: fourth person covered"
FS_COV05 = "Food stamps: fifth person covered"
FS_COV06 = "Food stamps: sixth person covered"
FS_COV07 = "Food stamps: seventh person covered"
FS_COV08 = "Food stamps: eighth person covered"
FS_COV09 = "Food stamps: ninth person covered"
FS_COV10 = "Food stamps: tenth person covered"
FS_INC   = "Food stamps: income of members"
FS_MNTH  = "Food stamps: month last received"
FS_YEAR  = "Food stamps: year last received"
FS_VAL   = "Food stamps: total amount"
YEAR     = "Year of survey"
WT3_HH   = "3-year household sampling weight"
WT4_HH   = "4-year household sampling weight"
;

```

```

*****
*
* Conversion of missing values. The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed. The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
* Of course numeric variables that were read in as
* blanks, meaning "not applicable", were
* automatically assigned the standard missing
*

```

```

* value represented by a single . (dot).          *
*                                                *
*****;

/*

array x1 SHP_GROC SHP_NONF SHP_SPEC SHP_FAST SHP_AWAY;

do i = 1 to dim(x1);
  if (x1{i} eq 9998) then
    x1{i} = .D;
  else if (x1{i} eq 9999) then
    x1{i} = .N;
end;

array x2 PRG_TIM1 PRG_TIM2 WIC_TIM1 WIC_TIM2 WIC_TIM3 WIC_TIM4
        WIC_TIM5 NEFD_DYS;

do i = 1 to dim(x2);
  if (x2{i} eq 98) then
    x2{i} = .D;
  else if (x2{i} eq 99) then
    x2{i} = .N;
end;

array x3 YINC_A1 YINC_A2;

do i = 1 to dim(x3);
  if (x3{i} eq 999997) then
    x3{i} = .R;
  else if (x3{i} eq 999998) then
    x3{i} = .D;
  else if (x3{i} eq 999999) then
    x3{i} = .N;
end;

array x4 MINC_A1 MINC_A2 MINC_A3 MINC_A4 MINC_A5 MINC_A6 FS_INC;

do i = 1 to dim(x4);
  if (x4{i} eq 9997) then
    x4{i} = .R;
  if (x4{i} eq 9998) then
    x4{i} = .D;
  else if (x4{i} eq 9999) then
    x4{i} = .N;
end;

array x5 FS_VAL;

do i = 1 to dim(x5);
  if (x5{i} eq 997) then
    x5{i} = .R;
  else if (x5{i} eq 998) then
    x5{i} = .D;
  else if (x5{i} eq 999) then
    x5{i} = .N;
end;

```

*/

```
*****
*
* Formats.
*
* These PROC FORMAT statements provide labels for
* the values of many of the variables included in
* this record type. Like the variable labels
* provided above with the LABEL statement, these
* value labels are based on the information
* contained in the file formats but are not
* necessarily complete. Refer to the file formats
* for a complete description of the values.
*
* Unique value statements are not made for each
* variable since many variables share the same set
* of possible values. The following FORMAT
* statement provides the appropriate format names.
*
* format region region.
*     urb urb.
*     povcat povcat.
*     increp increp.
*     inccode $inccode.
*     impflag impflag.
*     fs_rcv12 yn789f.
*     comp_hh comp_hh.
*     hh_resp $hh_resp.
*     hh_lang hh_lang.
*     dhk_hh yn.
*     shp_freq shp_freq.
*     shp_stor shp_stor.
*     shp_groc shp_nonf shp_spec shp_fast
*     shp_away ms894f.
*     shp_grou shp_nonu shp_speu shp_fasu
*     shp_away shp_grou.
*     head_f $head_f.
*     head_m $head_m.
*     tenure tenure.
*     h2o_cook h2o_beivr h2o_drnk h2of.
*     plan_all shop_all prep_all plan_all.
*     plan_1 shop_1 prep_1 $plan_1f.
*     plan_2 shop_2 prep_2 $plan_2f.
*     plan_3 shop_3 prep_3 $plan_3f.
*     d_anymem d_calor d_fat d_sodium d_sugar
*     d_lfiber d_hfiber d_diabet d_bland d_wtgain
*     d_allerg d_other yn89f.
*     prg_any bf_any prg_any.
*     prg_tim1 prg_tim2 prg_tim.
*     prg_who2 bf_who2 wic_who2 $who2f.
*     wic_any yn89f.
*     wic_tim1 wic_tim2 wic_tim3 wic_tim4
*     wic_tim5 ms892f.
*     wic_unt1 wic_unt2 wic_unt3 wic_unt4
*     wic_unt5 wic_untf.
```

```

*      wic_who3 $who3f.      *
*      wic_who4 $who4f.      *
*      wic_who5 $who5f.      *
*      ccare1 ccare2 ccare3 ccare4 ccare5      *
*      ccare6 yn89f.      *
*      fooddesc fooddesc.      *
*      nefd_m1 nefd_m2 nefd_m3 nefd_r1 nefd_r2      *
*      nefd_r3 nefd_r4      *
*      nefd_r5 yn89f.      *
*      nefd_dys ms892f.      *
*      cash5000 yn789f.      *
*      cashcode $cashcod.      *
*      yinc_s1 yinc_s2 yn789f.      *
*      yinc_a1 yinc_a2 ms7896f.      *
*      minc_s1 minc_s2 minc_s3 minc_s4 minc_s5      *
*      minc_s6 yn789f.      *
*      minc_a1 minc_a2 minc_a3 minc_a4 minc_a5      *
*      minc_a6 ms7894f.      *
*      minc_rdk minc_rdk.      *
*      fs_now fs_every yn89f.      *
*      fs_cov01 $cov01f.      *
*      fs_cov02 $cov02f.      *
*      fs_cov03 $cov03f.      *
*      fs_cov04 $cov04f.      *
*      fs_cov05 $cov05f.      *
*      fs_cov06 $cov06f.      *
*      fs_cov07 $cov07f.      *
*      fs_cov08 $cov08f.      *
*      fs_cov09 $cov09f.      *
*      fs_cov10 $cov10f.      *
*      fs_inc ms7894f.      *
*      fs_mnth fs_mnth.      *
*      fs_year fs_year.      *
*      fs_val fs_val.;      *
*

```

```

*****;

```

```

*****
* Record type 15      *
*****;

```

```

proc format library = library;

```

```

  value yn
    1 = "Yes"
    2 = "No"
    ;

```

```

  value yn89f
    1 = "Yes"
    2 = "No"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

```

```

  value yn789f
    1 = "Yes"
    2 = "No"

```

```

7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
;

value ms892f
.D, 98 = "Don't know"
.N, 99 = "Not ascertained"
;

value ms894f
.D, 9998 = "Don't know"
.N, 9999 = "Not ascertained"
;

value ms7894f
.R, 9997 = "Refused"
.D, 9998 = "Don't know"
.N, 9999 = "Not ascertained"
;

value ms7896f
.R, 999997 = "Refused"
.D, 999998 = "Don't know"
.N, 999999 = "Not ascertained"
;

value comp_hh
1 = "HH interview"
2 = "No HH interview"
;

value region
1 = "Northeast"
2 = "Midwest"
3 = "South"
4 = "West"
;

value urb
1 = "MSA, central city"
2 = "MSA, not central city"
3 = "Non-MSA"
;

value increp
1 = "Amount reported"
5 = "No HH interview"
6 = "Not HH last year"
7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
;

value $inccode
'A' = "Under 5000"
'B' = " 5000-9999"

```

```

'C' = "10000-14999"
'D' = "15000-19999"
'E' = "20000-24999"
'F' = "25000-29999"
'G' = "30000-34999"
'H' = "35000-39999"
'I' = "40000-44999"
'J' = "45000-49999"
'K' = "50000-59999"
'L' = "60000-74999"
'M' = "75000-99999"
'N' = "100000 + "
'7' = "Refused"
'8' = "Don't know"
'9' = "Not ascertained"
;

value povcat
1 = " 0 - 130%"
2 = "131 - 350%"
3 = " Over 350%"
;

value impflag
1 = "Actual amount"
2 = "Imputed, INCCODE"
3 = "Imputed, monthly"
4 = "Imputed, regression"
5 = "Imputed, segment level mean"
;

value $hh_resp
'Y' = "Not a HH member"
'9' = "Not ascertained"
;

value hh_lang
1 = "English"
2 = "Spanish"
;

value shp_freq
1 = "More than once a week"
2 = "Once a week"
3 = "Once every two weeks"
4 = "Once a month or less"
5 = "Never"
8 = "Don't know"
9 = "Not ascertained"
;

value shp_stor
1 = "Supermarket"
2 = "Small store"
11 = "Food warehouse"
12 = "Specialty store"
13 = "Commissary"

```

```

14 = "Cooperative"
15 = "More than one type"
96 = "Other"
98 = "Don't know"
99 = "Not ascertained"
    ;

value shp_grou
  1 = "Per week"
  2 = "Per month"
  9 = "Not ascertained"
    ;

value $head_f
  '2' = "No female head"
  '8' = "Don't know"
  '9' = "Not ascertained"
    ;

value $head_m
  '2' = "No male head"
  '8' = "Don't know"
  '9' = "Not ascertained"
    ;

value tenure
  1 = "Owned"
  2 = "Rented"
  3 = "No payment of rent"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
    ;

value h2of
  1 = "Community supply"
  2 = "Well / cistern"
  3 = "Spring"
  4 = "Bottled"
  96 = "Other"
  98 = "Don't know"
  99 = "Not ascertained"
    ;

value plan_all
  1 = "All HH members"
  2 = "Not all HH members"
  8 = "Don't know"
  9 = "Not ascertained"
    ;

value $plan_1f
  'Y' = "Not a HH member"
    ;

value $plan_2f
  'Y' = "Not a HH member"

```

```

    '3' = "Only one"
        ;

value $plan_3f
    'Y' = "Not a HH member"
    '3' = "Only two"
        ;

value prg_any
    1 = "Yes"
    2 = "No"
    3 = "Q not asked"
    8 = "Don't know"
    9 = "Not ascertained"
        ;

value prg_tim
    0 = "Less than one month"
    .D, 98 = "Don't know"
    .N, 99 = "Not ascertained"
        ;

value $who2f
    '3' = "Only one"
        ;

value wic_untf
    1 = "Months"
    2 = "Years"
    9 = "Not ascertained"
        ;

value $who3f
    '3' = "Only two"
        ;

value $who4f
    '3' = "Only three"
        ;

value $who5f
    '3' = "Only four"
        ;

value fooddesc
    1 = "Enough - 1"
    2 = "Enough - 2"
    3 = "Sometimes not enough"
    4 = "Often not enough"
    8 = "Don't know"
    9 = "Not ascertained"
        ;

value $cashcod
    'A' = "    0 - 500"
    'B' = " 501 - 1000"
    'C' = "1001 - 2000"

```

```

'D' = "2001 - 3000"
'E' = "3001 - 4000"
'F' = "4001 - 5000"
'7' = "Refused"
'8' = "Don't know"
'9' = "Not ascertained"
    ;

value minc_rdk
  1 = "More"
  2 = "Less"
  3 = "Q not asked"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
    ;

value $cov01f
  '9' = "Not ascertained"
    ;

value $cov02f
  '3' = "No second person"
  '9' = "Not ascertained"
    ;

value $cov03f
  '3' = "No third person"
  '9' = "Not ascertained"
    ;

value $cov04f
  '3' = "No fourth person"
  '9' = "Not ascertained"
    ;

value $cov05f
  '3' = "No fifth person"
  '9' = "Not ascertained"
    ;

value $cov06f
  '3' = "No sixth person"
  '9' = "Not ascertained"
    ;

value $cov07f
  '3' = "No seventh person"
  '9' = "Not ascertained"
    ;

value $cov08f
  '3' = "No eighth person"
  '9' = "Not ascertained"
    ;

value $cov09f

```

```

    '3' = "No ninth person"
    '9' = "Not ascertained"
    ;

value $cov10f
    '3' = "No tenth person"
    '9' = "Not ascertained"
    ;

value fs_mnth
    1 = "January"
    2 = "February"
    3 = "March"
    4 = "April"
    5 = "May"
    6 = "June"
    7 = "July"
    8 = "August"
    9 = "September"
    10 = "October"
    11 = "November"
    12 = "December"
    96 = "Not yet received"
    97 = "Refused"
    98 = "Don't know"
    99 = "Not ascertained"
    ;

value fs_year
    9996 = "Not yet received"
    9997 = "Refused"
    9998 = "Don't know"
    9999 = "Not ascertained"
    ;

value fs_val
    995 = "$995 or more"
    .R, 997 = "Refused"
    .D, 998 = "Don't know"
    .N, 999 = "Not ascertained"
    ;

run;

```

```

*****
*****
*
* read20.sas          section 10.2.2
*
* This SAS program reads the record type 20 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Conversions of
* values representing missing data to special missing
* values may be made.  Formats are also included.  The PROC
* FORMAT statement will require a library = option to save
* the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';      /* directory for SAS files */

filename file20 'f:\rawdata\rt20.dat';  /* ascii file from CD 2 */

libname library '\format_directory';     /* format directory */

data dir1.rt20 (compress = yes
                drop = i);
  infile file20 lrecl = 139;
  input RT          1- 2
        HHID       3- 7
        SPNUM      8- 9
        LINELET    $ 10- 10
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
        HHSIZE     16- 17
        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV    26- 28
        POVCAT     29- 29
        IMPFLAG    30- 30
        FS_RCV12   31- 31
        AGE        32- 33
        AGE_M      34- 35
        SEX        36- 36
        REL_REF    37- 38
        RACE       39- 39
        ORIGIN     40- 40
        HEAD_HH    41- 41
        PL_STAT    42- 42
        BF_STAT    43- 43
        FS_AUTH    44- 44
        COMP_D1    45- 45
        COMP_D2    46- 46
        COMP_DHK   47- 47
        WT4_DAY1   48- 55
        WT4_2DAY   56- 63
        GRADE      64- 65
        EMP_LW     66- 66

```

EMP_ABS	67- 67
EMP_HRS	68- 70
EMP_HRU	71- 73
EMP_OCC	74- 75
EMP_RES	76- 77
EMP_STAT	78- 78
PLAN_YN	79- 79
PLAN_ONE	80- 80
SHOP_YN	81- 81
SHOP_ONE	82- 82
PREP_YN	83- 83
PREP_ONE	84- 84
PRG_MON	85- 86
BF_WOMAN	\$ 87- 87
WIC_YN	88- 88
WIC_TIME	89- 90
WIC_UNIT	91- 91
SCHOOL	92- 92
LCH_SERV	93- 93
LCH_NUM	94- 95
LCH_UNIT	96- 96
LCH_COST	97- 97
BRK_SERV	98- 98
BRK_NUM	99-100
BRK_UNIT	101-101
BRK_COST	102-102
CCARE_ML	103-103
YEAR	104-107
WTA_DAY1	108-115
WTA_2DAY	116-123
WT3_DAY1	124-131
WT3_2DAY	132-139;

label

RT	= "Record type"
HHID	= "Household ID"
SPNUM	= "Sample person number"
LINELET	= "Line letter for HH member"
VARSTRAT	= "Variance-estimation stratum"
VARUNIT	= "Variance-estimation unit"
REGION	= "Region"
URB	= "Urbanization"
HHSIZE	= "Household size"
INCOME	= "Annual income: total"
INCREP	= "Annual income: actual report"
INCCODE	= "Annual income: category"
PCTPOV	= "Annual income: percent of poverty"
POVCAT	= "Annual income: % of poverty category"
IMPFLAG	= "Annual income: imputation flag"
FS_RCV12	= "Food stamps: in last 12 months"
AGE	= "Age in years"
AGE_M	= "Age in months"
SEX	= "Sex"
REL_REF	= "Relationship to reference person"
RACE	= "Race"
ORIGIN	= "Hispanic origin"
HEAD_HH	= "Head of household"

```

PL_STAT = "Pregnant/lactating status"
BF_STAT = "Breastfeeding status"
FS_AUTH = "Food stamps: authorized"
COMP_D1 = "Day 1 flag"
COMP_D2 = "Day 2 flag"
COMP_DHK = "DHKS flag"
WT4_DAY1 = "Final 4-year day 1 weight"
WT4_2DAY = "Final 4-year two day weight"
GRADE = "Highest grade completed"
EMP_LW = "Work: at all last week"
EMP_ABS = "Work: temporarily absent"
EMP_HRS = "Work: hours last week"
EMP_HRU = "Work: hours usual"
EMP_OCC = "Work: occupation"
EMP_RES = "Work: reason for not working"
EMP_STAT = "Employment status"
PLAN_YN = "Meal planner: yes or no"
PLAN_ONE = "Meal planner: only"
SHOP_YN = "Food shopper: yes or no"
SHOP_ONE = "Food shopper: only"
PREP_YN = "Food preparer: yes or no"
PREP_ONE = "Food preparer: only"
PRG_MON = "Number of months pregnant"
BF_WOMAN = "Letter of woman nursing child"
WIC_YN = "WIC: receiving benefits"
WIC_TIME = "WIC: how long receiving benefits"
WIC_UNIT = "WIC: unit for WIC_TIME"
SCHOOL = "Attends school"
LCH_SERV = "School lunch: served"
LCH_NUM = "School lunch: # reported"
LCH_UNIT = "School lunch: unit for LCH_NUM"
LCH_COST = "School lunch: cost"
BRK_SERV = "School breakfast: served"
BRK_NUM = "School breakfast: # per week"
BRK_UNIT = "School breakfast: unit for BRK_NUM"
BRK_COST = "School breakfast: cost"
CCARE_ML = "Meals/snacks from child care"
YEAR = "Year of survey"
WTA_DAY1 = "Final annual day 1 weight"
WTA_2DAY = "Final annual two day weight"
WT3_DAY1 = "Final 3-year day 1 weight"
WT3_2DAY = "Final 3-year two day weight"
;

```

```

*****
*
* Conversion of missing values. The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed. The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
*

```

```

* Of course numeric variables that were read in as *
* blanks, meaning "not applicable", were *
* automatically assigned the standard missing *
* value represented by a single . (dot). *
* *
*****;

/*

array x1 EMP_HRS EMP_HRU;

do i = 1 to dim(x1);
  if (x1{i} eq 998) then
    x1{i} = .D;
  else if (x1{i} eq 999) then
    x1{i} = .N;
end;

array x2 PRG_MON WIC_TIME LCH_NUM BRK_NUM;

do i = 1 to dim(x2);
  if (x2{i} eq 98) then
    x2{i} = .D;
  else if (x2{i} eq 99) then
    x2{i} = .N;
end;

*/

*****
* *
* Formats. *
* *
* These PROC FORMAT statements provide labels for *
* the values of many of the variables included in *
* this record type. Like the variable labels *
* provided above with the LABEL statement, these *
* value labels are based on the information *
* contained in the file formats but are not *
* necessarily complete. Refer to the file formats *
* for a complete description of the values. *
* *
* Unique value statements are not made for each *
* variable since many variables share the same set *
* of possible values. The following FORMAT *
* statement provides the appropriate format names. *
* *
* *
* format region region. *
*   urb urb. *
*   increp increp. *
*   inccode $inccode. *
*   povcat povcat. *
*   impflag impflag. *
*   fs_rcv12 yn789f. *
*   age age. *
*   age_m age_m. *

```

```

*      sex sex.
*      rel_ref rel_ref.
*      race race.
*      origin origin.
*      head_hh yn9f.
*      pl_stat pl_stat.
*      bf_stat bf_stat.
*      fs_auth yn789f.
*      comp_d1 comp_d2 comp_dhk yn.
*      grade grade.
*      emp_lw emp_abs yn789f.
*      emp_hrs emp_hru ms893f.
*      emp_occ emp_occ.
*      emp_res emp_res.
*      emp_stat emp_stat.
*      plan_yn shop_yn prep_yn yn89f.
*      plan_one shop_one prep_one yn.
*      prg_mon prg_mon.
*      bf_woman $ms9a.
*      wic_yn yn89f.
*      wic_time wic_time.
*      wic_unit wic_unit.
*      school school.
*      lch_serv brk_serv yn89f.
*      lch_num brk_num ms892f.
*      lch_unit brk_unit lch_unit.
*      lch_cost brk_cost lch_cost.
*      ccare_ml ccare_ml.;
*
*****;

```

```
proc format library = library;
```

```

value yn
  1 = "Yes"
  2 = "No"
  ;

```

```

value yn9f
  1 = "Yes"
  2 = "No"
  9 = "Not ascertained"
  ;

```

```

value yn89f
  1 = "Yes"
  2 = "No"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value yn789f
  1 = "Yes"
  2 = "No"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value $ms9a
  '9' = "Not ascertained"
    ;

value ms892f
  .D, 98 = "Don't know"
  .N, 99 = "Not ascertained"
    ;

value ms893f
  .D, 998 = "Don't know"
  .N, 999 = "Not ascertained"
    ;

value region
  1 = "Northeast"
  2 = "Midwest"
  3 = "South"
  4 = "West"
    ;

value urb
  1 = "MSA, central city"
  2 = "MSA, not central city"
  3 = "Non-MSA"
    ;

value increp
  1 = "Amount reported"
  5 = "No HH interview"
  6 = "Not HH last year"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
    ;

value $inccode
  'A' = "Under 5000"
  'B' = " 5000-9999"
  'C' = "10000-14999"
  'D' = "15000-19999"
  'E' = "20000-24999"
  'F' = "25000-29999"
  'G' = "30000-34999"
  'H' = "35000-39999"
  'I' = "40000-44999"
  'J' = "45000-49999"
  'K' = "50000-59999"
  'L' = "60000-74999"
  'M' = "75000-99999"
  'N' = "100000 + "
  '7' = "Refused"
  '8' = "Don't know"
  '9' = "Not ascertained"
    ;

```

```

value povcat
  1 = " 0 - 130%"
  2 = "131 - 350%"
  3 = " Over 350%"
  ;

value impflag
  1 = "Actual amount"
  2 = "Imputed, INCCODE"
  3 = "Imputed, monthly"
  4 = "Imputed, regression"
  5 = "Imputed, segment level mean"
  ;

value age
  0 = "Under 1 year old"
  90 = "90 or older"
  ;

value age_m
  0 = "Less than one month old"
  ;

value sex
  1 = "Male"
  2 = "Female"
  ;

value rel_ref
  0 = "Reference person"
  1 = "Spouse"
  2 = "Child"
  3 = "Grandchild"
  4 = "Parent"
  5 = "Sibling"
  6 = "Other relative"
  7 = "Foster child"
  8 = "Partner, ..."
  9 = "Roomer/boarder"
  10 = "Employee"
  11 = "Guest"
  12 = "Other unrelated"
  ;

value race
  1 = "White"
  2 = "Black"
  3 = "Asian, Pacific"
  4 = "Native American"
  5 = "Other"
  ;

value origin
  1 = "Mexican, ..."
  2 = "Puerto Rican"
  3 = "Cuban"
  4 = "Other Hispanic"

```

```

5 = "Non-Hispanic"
;

value pl_stat
1 = "Pregnant"
2 = "Lactating"
3 = "Pregnant and lactating"
4 = "Not pregnant or lactating"
5 = "Not female 10-55"
;

value bf_stat
1 = "Breastfeeding"
2 = "Not breastfeeding"
3 = "Over 3"
;

value grade
0 = "Never attended"
12 = "High school or GED"
13 = "1 year of college"
14 = "2 years of college"
15 = "3 years of college"
16 = "4 years of college"
17 = "5+ years of college"
93 = "Not asked question"
96 = "Other"
97 = "Refused"
98 = "Don't know"
99 = "Not ascertained"
;

value emp_occ
1 = "Professional/technical"
2 = "Manager/proprietor"
3 = "Farmer"
4 = "Clerical/sales"
5 = "Craftsman/foreman"
6 = "Operative"
7 = "Service worker"
8 = "Other"
97 = "Refused"
98 = "Don't know"
99 = "Not ascertained"
;

value emp_res
1 = "Looking for work"
2 = "Going to school"
3 = "Keeping house"
4 = "Retired"
5 = "Unable to work"
11 = "Performing nonpaid work"
12 = "Inclement weather"
16 = "Other"
97 = "Refused"
98 = "Don't know"

```

```

99 = "Not ascertained"
;

value emp_stat
  1 = "Employed, full time"
  2 = "Employed, part time"
  3 = "Employed, not at work"
  4 = "Not employed"
  5 = "Age < 15"
  9 = "Indeterminable"
;

value prg_mon
  0 = "Less than one month"
  .D, 98 = "Don't know"
  .N, 99 = "Not ascertained"
;

value wic_time
  0 = "Less than 1 month"
  .D, 98 = "Don't know"
  .N, 99 = "Not ascertained"
;

value wic_unit
  1 = "Months"
  2 = "Years"
  9 = "Not ascertained"
;

value school
  1 = "Yes"
  2 = "No"
  3 = "Not asked question"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
;

value lch_unit
  1 = "Week"
  2 = "Month"
;

value lch_cost
  1 = "Free"
  2 = "Reduced price"
  3 = "Full price"
  8 = "Don't know"
  9 = "Not ascertained"
;

value ccare_ml
  1 = "Yes"
  2 = "No"
  3 = "Not child 1 - 5"
  8 = "Don't know"

```

```
9 = "Not ascertained"  
;
```

```
run;
```

```

*****
*****
*
* read25.sas                section 10.2.3
*
* This SAS program reads the record type 25 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Conversions of
* values representing missing data to special missing
* values may be made.  Formats are also included.  The PROC
* FORMAT statement will require a library = option to save
* the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';    /* directory for SAS files */

filename file25 'f:\rawdata\rt25.dat'; /* ascii file from CD 2 */

libname library '\format_directory';   /* format directory */

data dir1.rt25 (compress = yes
                drop = i);
  infile file25 lrecl = 481;
  input RT          1- 2
        HHID       3- 7
        SPNUM      8- 9
        LINELET    $ 10- 10
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
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        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV    26- 28
        POVCAT     29- 29
        IMPFLAG    30- 30
        FS_RCV12   31- 31
        AGE        32- 33
        AGE_M      34- 35
        SEX        36- 36
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        RACE       39- 39
        ORIGIN     40- 40
        HEAD_HH    41- 41
        PL_STAT    42- 42
        BF_STAT    43- 43
        FS_AUTH    44- 44
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        COMP_D2    46- 46
        COMP_DHK   47- 47
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D1_LESS	132-133
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D2_DAY	151-151
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D2_AMTUS	154-154
D2_LESS	155-156
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DT02_R07	186-186
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label

RT	= "Record type"
HHID	= "Household ID"
SPNUM	= "Sample person number"
LINELET	= "Line letter for HH members"
VARSTRAT	= "Variance-estimation stratum"
VARUNIT	= "Variance-estimation unit"
REGION	= "Region"
URB	= "Urbanization"
HHSIZE	= "Household size"
INCOME	= "Annual income: total"
INCREP	= "Annual income: actual report"
INCCODE	= "Annual income: category"
PCTPOV	= "Annual income: percent of poverty"
POVCAT	= "Annual income: % of poverty category"
IMPFLAG	= "Annual income: imputation flag"
FS_RCV12	= "Food stamps: in last 12 months"
AGE	= "Age in years"
AGE_M	= "Age in months"
SEX	= "Sex"
REL_REF	= "Relationship to reference person"
RACE	= "Race"
ORIGIN	= "Hispanic origin"
HEAD_HH	= "Head of household"
PL_STAT	= "Pregnant/lactating status"
BF_STAT	= "Breastfeeding status"
FS_AUTH	= "Food stamps: authorized"
COMP_D1	= "Day 1 flag"
COMP_D2	= "Day 2 flag"
COMP_DHK	= "DHKS flag"

WT4_DAY1 = "Final 4-year day 1 weight"
 WT4_2DAY = "Final 4-year two day weight"
 GRADE = "Highest grade completed"
 EMP_LW = "Work: at all last week"
 EMP_ABS = "Work: temporarily absent"
 EMP_HRS = "Work: hours last week"
 EMP_HRU = "Work: hours usual"
 EMP_OCC = "Work: occupation"
 EMP_RES = "Work: reason for not working"
 EMP_STAT = "Employment status"
 PLAN_YN = "Meal planner: yes or no"
 PLAN_ONE = "Meal planner: only"
 SHOP_YN = "Food shopper: yes or no"
 SHOP_ONE = "Food shopper: only"
 PREP_YN = "Food preparer: yes or no"
 PREP_ONE = "Food preparer: only"
 PRG_MON = "Number of months pregnant"
 BF_WOMAN = "Letter of woman nursing child"
 WIC_YN = "WIC: receiving benefits"
 WIC_TIME = "WIC: how long receiving benefits"
 WIC_UNIT = "WIC: unit for WIC_TIME"
 SCHOOL = "Attends school"
 LCH_SERV = "School lunch: served"
 LCH_NUM = "School lunch: # reported"
 LCH_UNIT = "School lunch: unit for LCH_NUM"
 LCH_COST = "School lunch: cost"
 BRK_SERV = "School breakfast: served"
 BRK_NUM = "School breakfast: # per week"
 BRK_UNIT = "School breakfast: unit for BRK_NUM"
 BRK_COST = "School breakfast: cost"
 CCARE_ML = "Meals/snacks from child care"
 WT_BASE = "Base weight"
 WT_ADJ = "Adjusted base weight"
 D1_MNTH = "Day 1: month of intake"
 D1_DATE = "Day 1: date of intake"
 D1_YEAR = "Day 1: year of intake"
 D1_DAY = "Day 1: day of week of intake"
 D1_NREC = "Day 1: number of food records"
 D1_AMTUS = "Day 1: Amount usual"
 D1_LESS = "Day 1: Reason for less"
 D1_MORE = "Day 1: Reason for more"
 D1_H2O_O = "Day 1: amount of water"
 D1_H2O_H = "Day 1: water from home"
 D1_H2O_A = "Day 1: away from home water"
 D1_TV = "Day 1: Hours of TV / video"
 D2_MNTH = "Day 2: month of intake"
 D2_DATE = "Day 2: date of intake"
 D2_YEAR = "Day 2: year of intake"
 D2_DAY = "Day 2: day of week of intake"
 D2_NREC = "Day 2: number of food records"
 D2_AMTUS = "Day 2: Amount usual"
 D2_LESS = "Day 2: Reason for less"
 D2_MORE = "Day 2: Reason for more"
 D2_H2O_O = "Day 2: amount of water"
 D2_H2O_H = "Day 2: water from home"
 D2_H2O_A = "Day 2: away from home water"
 D2_TV = "Day 2: Hours of TV / video"

SALT_TYP = "Salt type"
 SALT_FRQ = "Salt frequency"
 DT_ANY = "Diet: on any diet"
 DT01_YN = "Diet: low cal: yes or no"
 DT01_R01 = "Diet: low cal: doctor"
 DT01_R02 = "Diet: low cal: condition"
 DT01_R03 = "Diet: low cal: joined"
 DT01_R04 = "Diet: low cal: health"
 DT01_R05 = "Diet: low cal: weight loss"
 DT01_R06 = "Diet: low cal: existing condition"
 DT01_R07 = "Diet: low cal: other"
 DT02_YN = "Diet: low fat: yes or no"
 DT01_SRC = "Diet: low cal: source"
 DT02_R01 = "Diet: low fat: doctor"
 DT02_R02 = "Diet: low fat: condition"
 DT02_R03 = "Diet: low fat: joined"
 DT02_R04 = "Diet: low fat: health"
 DT02_R05 = "Diet: low fat: weight loss"
 DT02_R06 = "Diet: low fat: existing condition"
 DT02_R07 = "Diet: low fat: other"
 DT02_SRC = "Diet: low fat: source"
 DT03_YN = "Diet: low salt: yes or no"
 DT03_R01 = "Diet: low salt: doctor"
 DT03_R02 = "Diet: low salt: condition"
 DT03_R03 = "Diet: low salt: joined"
 DT03_R04 = "Diet: low salt: health"
 DT03_R05 = "Diet: low salt: weight loss"
 DT03_R06 = "Diet: low salt: existing condition"
 DT03_R07 = "Diet: low salt: other"
 DT03_SRC = "Diet: low salt: source"
 DT04_YN = "Diet: low sugar: yes or no"
 DT04_R01 = "Diet: low sugar: doctor"
 DT04_R02 = "Diet: low sugar: condition"
 DT04_R03 = "Diet: low sugar: joined"
 DT04_R04 = "Diet: low sugar: health"
 DT04_R05 = "Diet: low sugar: weight loss"
 DT04_R06 = "Diet: low sugar: existing condition"
 DT04_R07 = "Diet: low sugar: other"
 DT04_SRC = "Diet: low sugar: source"
 DT05_YN = "Diet: low fiber: yes or no"
 DT05_R01 = "Diet: low fiber: doctor"
 DT05_R02 = "Diet: low fiber: condition"
 DT05_R03 = "Diet: low fiber: joined"
 DT05_R04 = "Diet: low fiber: health"
 DT05_R05 = "Diet: low fiber: weight loss"
 DT05_R06 = "Diet: low fiber: existing condition"
 DT05_R07 = "Diet: low fiber: other"
 DT05_SRC = "Diet: low fiber: source"
 DT06_YN = "Diet: high fiber: yes or no"
 DT06_R01 = "Diet: high fiber: doctor"
 DT06_R02 = "Diet: high fiber: condition"
 DT06_R03 = "Diet: high fiber: joined"
 DT06_R04 = "Diet: high fiber: health"
 DT06_R05 = "Diet: high fiber: weight loss"
 DT06_R06 = "Diet: high fiber: existing condition"
 DT06_R07 = "Diet: high fiber: other"
 DT06_SRC = "Diet: high fiber: source"

DT07_YN = "Diet: diabetic: yes or no"
DT07_R01 = "Diet: diabetic: doctor"
DT07_R02 = "Diet: diabetic: condition"
DT07_R03 = "Diet: diabetic: joined"
DT07_R04 = "Diet: diabetic: health"
DT07_R05 = "Diet: diabetic: weight loss"
DT07_R06 = "Diet: diabetic: existing condition"
DT07_R07 = "Diet: diabetic: other"
DT07_SRC = "Diet: diabetic: source"
DT08_YN = "Diet: weight gain: yes or no"
DT08_R01 = "Diet: weight gain: doctor"
DT08_R02 = "Diet: weight gain: condition"
DT08_R03 = "Diet: weight gain: joined"
DT08_R04 = "Diet: weight gain: health"
DT08_R05 = "Diet: weight gain: weight loss"
DT08_R06 = "Diet: weight gain: existing condition"
DT08_R07 = "Diet: weight gain: other"
DT08_SRC = "Diet: weight gain: source"
DT09_YN = "Diet: hypoglycemic: yes or no"
DT09_R01 = "Diet: hypoglycemic: doctor"
DT09_R02 = "Diet: hypoglycemic: condition"
DT09_R03 = "Diet: hypoglycemic: joined"
DT09_R04 = "Diet: hypoglycemic: health"
DT09_R05 = "Diet: hypoglycemic: weight loss"
DT09_R06 = "Diet: hypoglycemic: existing cond."
DT09_R07 = "Diet: hypoglycemic: other"
DT09_SRC = "Diet: hypoglycemic: yes or no"
DT10_YN = "Diet: ulcer: source"
DT10_R01 = "Diet: ulcer: doctor"
DT10_R02 = "Diet: ulcer: condition"
DT10_R03 = "Diet: ulcer: joined"
DT10_R04 = "Diet: ulcer: health"
DT10_R05 = "Diet: ulcer: weight loss"
DT10_R06 = "Diet: ulcer: existing condition"
DT10_R07 = "Diet: ulcer: other"
DT10_SRC = "Diet: ulcer: source"
DT11_YN = "Diet: other: yes or no"
DT11_R01 = "Diet: other: doctor"
DT11_R02 = "Diet: other: condition"
DT11_R03 = "Diet: other: joined"
DT11_R04 = "Diet: other: health"
DT11_R05 = "Diet: other: weight loss"
DT11_R06 = "Diet: other: existing condition"
DT11_R07 = "Diet: other: other"
DT11_SRC = "Diet: other: source"
VEGET = "Vegetarian"
VT_FREQ = "Vit sup: frequency"
VT_MULT = "Vit sup: multivitamin"
VT_MULT2 = "Vit sup: multi plus"
VT_CIRON = "Vit sup: C and iron"
VT_SINGL = "Vit sup: any singles"
VT_SNG01 = "Vit sup: vitamin A"
VT_SNG02 = "Vit sup: vitamin B"
VT_SNG03 = "Vit sup: vitamin C"
VT_SNG04 = "Vit sup: vitamin D"
VT_SNG05 = "Vit sup: vitamin E"
VT_SNG06 = "Vit sup: calcium"

VT_SNG07 = "Vit sup: folacin"
 VT_SNG08 = "Vit sup: fluoride"
 VT_SNG09 = "Vit sup: iron"
 VT_SNG10 = "Vit sup: zinc"
 VT_SNG11 = "Vit sup: selenium"
 VT_SNG12 = "Vit sup: chromium"
 VT_SNG13 = "Vit sup: beta carotene"
 VT_SNG14 = "Vit sup: biotin"
 VT_SNG15 = "Vit sup: boron"
 VT_SNG16 = "Vit sup: chloride"
 VT_SNG17 = "Vit sup: copper"
 VT_SNG18 = "Vit sup: iodine"
 VT_SNG19 = "Vit sup: magnesium"
 VT_SNG20 = "Vit sup: molybdenum"
 VT_SNG21 = "Vit sup: pantothenic acid"
 VT_SNG22 = "Vit sup: phosphorus"
 VT_SNG23 = "Vit sup: potassium"
 VT_SNG24 = "Vit sup: sodium"
 VT_SNG25 = "Vit sup: vitamin K"
 VT_SNG26 = "Vit sup: other"
 FISH_OIL = "Fish oil supplement"
 FIBER = "Fiber supplement"
 CHOL_CHK = "Blood cholesterol checked"
 HGT_SP = "Height of SP"
 WGT_SP = "Weight of SP"
 BMI_SP = "Body mass index"
 HEALTH = "Health status"
 ALLERGY = "Allergy: yes or no"
 ALLERG01 = "Allergy: wheat"
 ALLERG02 = "Allergy: cow's milk"
 ALLERG03 = "Allergy: eggs"
 ALLERG04 = "Allergy: fish"
 ALLERG05 = "Allergy: corn"
 ALLERG06 = "Allergy: peanuts"
 ALLERG07 = "Allergy: other nuts"
 ALLERG08 = "Allergy: soy products"
 ALLERG09 = "Allergy: chocolate"
 ALLERG10 = "Allergy: other dairy"
 ALLERG11 = "Allergy: other vegetables"
 ALLERG12 = "Allergy: specified fruits"
 ALLERG13 = "Allergy: pork"
 ALLERG14 = "Allergy: wine / alcohol"
 ALLERG15 = "Allergy: food additives"
 ALLERG16 = "Allergy: other meats"
 ALLERG17 = "Allergy: specified spices"
 ALLERG18 = "Allergy: other"
 DOCTOR1 = "Doctor told: diabetes"
 DOCTOR2 = "Doctor told: high blood pressure"
 DOCTOR3 = "Doctor told: heart disease"
 DOCTOR4 = "Doctor told: cancer"
 DOCTOR5 = "Doctor told: osteoporosis"
 DOCTOR6 = "Doctor told: high blood cholesterol"
 DOCTOR7 = "Doctor told: stroke"
 EXERCISE = "Exercise frequency"
 SMK_100 = "Smoke: 100 cigarettes"
 SMK_NOW = "Smoke: now"
 SMK_DAY = "Smoke: # per day"

ALC_ANY = "Alcohol: any in year"
 ALC_BEER = "Alcohol: beer"
 ALC_WINE = "Alcohol: wine"
 ALC_LIQR = "Alcohol: liquor"
 ALC_OTHR = "Alcohol: other"
 EATEN_01 = "Eaten: artichokes"
 EATEN_02 = "Eaten: asparagus"
 EATEN_03 = "Eaten: broccoli"
 EATEN_04 = "Eaten: brussels sprouts"
 EATEN_05 = "Eaten: cauliflower"
 EATEN_06 = "Eaten: eggplant"
 EATEN_07 = "Eaten: kale"
 EATEN_08 = "Eaten: swiss chard"
 EATEN_09 = "Eaten: okra"
 EATEN_10 = "Eaten: spinach"
 EATEN_11 = "Eaten: summer squash"
 EATEN_12 = "Eaten: winter squash"
 EATEN_13 = "Eaten: yams"
 EATEN_14 = "Eaten: turnips"
 EATEN_15 = "Eaten: avocado"
 EATEN_16 = "Eaten: grapefruit"
 EATEN_17 = "Eaten: cantaloupe"
 EATEN_18 = "Eaten: honeydew"
 EATEN_19 = "Eaten: watermelon"
 EATEN_20 = "Eaten: nectarines"
 EATEN_21 = "Eaten: pears"
 EATEN_22 = "Eaten: plums"
 EATEN_23 = "Eaten: rhubarb"
 EATEN_24 = "Eaten: chicken liver"
 EATEN_25 = "Eaten: beef, veal or pork liver"
 EATEN_26 = "Eaten: lamb"
 EATEN_27 = "Eaten: shellfish"
 EATEN_28 = "Eaten: fish"
 EATEN_29 = "Eaten: caught fish"
 D1_LANG = "Day 1: language"
 D1_PROXY = "Day 1: proxy"
 D1_MAINR = "Day 1: main respondent"
 D1_SEC01 = "Day 1: Sec. resp.: no one"
 D1_SEC02 = "Day 1: Sec. resp.: SP"
 D1_SEC03 = "Day 1: Sec. resp.: mother"
 D1_SEC04 = "Day 1: Sec. resp.: father"
 D1_SEC05 = "Day 1: Sec. resp.: wife"
 D1_SEC06 = "Day 1: Sec. resp.: husband"
 D1_SEC07 = "Day 1: Sec. resp.: daughter"
 D1_SEC08 = "Day 1: Sec. resp.: son"
 D1_SEC09 = "Day 1: Sec. resp.: sister"
 D1_SEC10 = "Day 1: Sec. resp.: brother"
 D1_SEC11 = "Day 1: Sec. resp.: grandparent"
 D1_SEC12 = "Day 1: Sec. resp.: aunt"
 D1_SEC13 = "Day 1: Sec. resp.: uncle"
 D1_SEC14 = "Day 1: Sec. resp.: friend"
 D1_SEC15 = "Day 1: Sec. resp.: translator"
 D1_SEC16 = "Day 1: Sec. resp.: provider"
 D1_SEC17 = "Day 1: Sec. resp.: other relative"
 D1_SEC18 = "Day 1: Sec. resp.: other"
 D1_DIFF = "Day 1: difficulty with interview?"
 D1_HEAR = "Day 1: could answers be overheard?"

```

D1_DATAR = "Day 1: data retrieval necessary?"
D2_LANG  = "Day 2: language"
D2_PROXY = "Day 2: proxy"
D2_PHONE = "Day 2: phone"
D2_MAINR = "Day 2: main respondent"
D2_SEC01 = "Day 2: Sec. resp.: no one"
D2_SEC02 = "Day 2: Sec. resp.: SP"
D2_SEC03 = "Day 2: Sec. resp.: mother"
D2_SEC04 = "Day 2: Sec. resp.: father"
D2_SEC05 = "Day 2: Sec. resp.: wife"
D2_SEC06 = "Day 2: Sec. resp.: husband"
D2_SEC07 = "Day 2: Sec. resp.: daughter"
D2_SEC08 = "Day 2: Sec. resp.: son"
D2_SEC09 = "Day 2: Sec. resp.: sister"
D2_SEC10 = "Day 2: Sec. resp.: brother"
D2_SEC11 = "Day 2: Sec. resp.: grandparent"
D2_SEC12 = "Day 2: Sec. resp.: aunt"
D2_SEC13 = "Day 2: Sec. resp.: uncle"
D2_SEC14 = "Day 2: Sec. resp.: friend"
D2_SEC15 = "Day 2: Sec. resp.: translator"
D2_SEC16 = "Day 2: Sec. resp.: provider"
D2_SEC17 = "Day 2: Sec. resp.: other relative"
D2_SEC18 = "Day 2: Sec. resp.: other"
D2_DIFF  = "Day 2: difficulty with interview?"
D2_DATAR = "Day 2: data retrieval necessary?"
YEAR     = "Year of survey"
WTA_DAY1 = "Final annual day 1 weight"
WTA_2DAY = "Final annual two day weight"
WT3_DAY1 = "Final 3-year day 1 weight"
WT3_2DAY = "Final 3-year two day weight"
;

```

```

*****
*
* Conversion of missing values. The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed. The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
* Of course numeric variables that were read in as
* blanks, meaning "not applicable", were
* automatically assigned the standard missing
* value represented by a single . (dot).
*
*****;

```

```
/*
```

```
array x1 EMP_HRS EMP_HRU D1_H2O_O D2_H2O_O;
```

```
do i = 1 to dim(x1);
```

```

    if (x1{i} eq 998) then
        x1{i} = .D;
    else if (x1{i} eq 999) then
        x1{i} = .N;
end;

array x2 PRG_MON WIC_TIME LCH_NUM BRK_NUM D1_TV D2_TV;

do i = 1 to dim(x2);
    if (x2{i} eq 98) then
        x2{i} = .D;
    else if (x2{i} eq 99) then
        x2{i} = .N;
end;

array x3 HGT_SP;

do i = 1 to dim(x3);
    if (x3{i} eq 97) then
        x3{i} = .R;
    else if (x3{i} eq 98) then
        x3{i} = .D;
    else if (x3{i} eq 99) then
        x3{i} = .N;
end;

array x4 WGT_SP SMK_DAY;

do i = 1 to dim(x4);
    if (x4{i} eq 997) then
        x4{i} = .R;
    else if (x4{i} eq 998) then
        x4{i} = .D;
    else if (x4{i} eq 999) then
        x4{i} = .N;
end;

array x5 BMI_SP;

do i = 1 to dim(x5);
    if (x5{i} eq 99.99) then
        x5{i} = .0;
end;

*/

*****
*
* Formats.
*
* These PROC FORMAT statements provide labels for
* the values of many of the variables included in
* this record type. Like the variable labels
* provided above with the LABEL statement, these
* value labels are based on the information
* contained in the file formats but are not
* necessarily complete. Refer to the file formats
*
```

```

* for a complete description of the values.
*
* Unique value statements are not made for each
* variable since many variables share the same set
* of possible values. The following FORMAT
* statement provides the appropriate format names.
*
* format region region.
*      urb urb.
*      increp increp.
*      inccode $inccode.
*      povcat povcat.
*      impflag impflag.
*      fs_rcv12 yn789f.
*      age age.
*      age_m age_m.
*      sex sex.
*      rel_ref rel_ref.
*      race race.
*      origin origin.
*      head_hh yn9f.
*      pl_stat pl_stat.
*      bf_stat bf_stat.
*      fs_auth yn789f.
*      comp_d1 comp_d2 comp_dhk yn.
*      grade grade.
*      emp_lw emp_abs yn789f.
*      emp_hrs emp_hru ms893f.
*      emp_occ emp_occ.
*      emp_res emp_res.
*      emp_stat emp_stat.
*      plan_yn shop_yn prep_yn yn89f.
*      plan_one shop_one prep_one yn.
*      prg_mon prg_mon.
*      bf_woman $ms9a.
*      wic_yn yn89f.
*      wic_time wic_time.
*      wic_unit wic_unit.
*      school school.
*      lch_serv brk_serv yn89f.
*      lch_num brk_num ms892f.
*      lch_unit brk_unit lch_unit.
*      lch_cost brk_cost lch_cost.
*      ccare_ml ccare_ml.
*      d1_mnth d2_mnth mnth.
*      d1_day d2_day d1_day.
*      d1_amtus d2_amtus d1_amtus.
*      d1_less d2_less d1_less.
*      d1_more d2_more d1_more.
*      d1_h2o_o d2_h2o_o ms893f.
*      d1_h2o_h d2_h2o_h d1_h2o_h.
*      d1_h2o_a d2_h2o_a d1_h2o_a.
*      d1_tv d2_tv d1_tv.
*      salt_typ salt_typ.
*      salt_frq salt_frq.
*      dt_any
*      dt01_yn dt01_r01 dt01_r02 dt01_r03

```

```

* dt01_r04 dt01_r05 dt01_r06 dt01_r07 *
* dt02_yn dt02_r01 dt02_r02 dt02_r03 *
* dt02_r04 dt02_r05 dt02_r06 dt02_r07 *
* dt03_yn dt03_r01 dt03_r02 dt03_r03 *
* dt03_r04 dt03_r05 dt03_r06 dt03_r07 *
* dt04_yn dt04_r01 dt04_r02 dt04_r03 *
* dt04_r04 dt04_r05 dt04_r06 dt04_r07 *
* dt05_yn dt05_r01 dt05_r02 dt05_r03 *
* dt05_r04 dt05_r05 dt05_r06 dt05_r07 *
* dt06_yn dt06_r01 dt06_r02 dt06_r03 *
* dt06_r04 dt06_r05 dt06_r06 dt06_r07 *
* dt07_yn dt07_r01 dt07_r02 dt07_r03 *
* dt07_r04 dt07_r05 dt07_r06 dt07_r07 *
* dt08_yn dt08_r01 dt08_r02 dt08_r03 *
* dt08_r04 dt08_r05 dt08_r06 dt08_r07 *
* dt09_yn dt09_r01 dt09_r02 dt09_r03 *
* dt09_r04 dt09_r05 dt09_r06 dt09_r07 *
* dt10_yn dt10_r01 dt10_r02 dt10_r03 *
* dt10_r04 dt10_r05 dt10_r06 dt10_r07 *
* dt11_yn dt11_r01 dt11_r02 dt11_r03 *
* dt11_r04 dt11_r05 dt11_r06 *
* dt11_r07 yn89f. *
* dt01_src dt02_src dt03_src dt04_src *
* dt05_src dt06_src dt07_src dt08_src *
* dt09_src dt10_src dt11_src dt01_src. *
* veget yn89f. *
* vt_freq vt_freq. *
* vt_mult vt_mult2 vt_ciron vt_sngl *
* vt_sng01 vt_sng02 vt_sng03 vt_sng04 *
* vt_sng05 vt_sng06 vt_sng07 vt_sng08 *
* vt_sng09 vt_sng10 vt_sng11 vt_sng12 *
* vt_sng13 vt_sng14 vt_sng15 vt_sng16 *
* vt_sng17 vt_sng18 vt_sng19 vt_sng20 *
* vt_sng21 vt_sng22 vt_sng23 vt_sng24 *
* vt_sng25 vt_sng26 fish_oil fiber *
* chol_chk yn89f. *
* hgt_sp ms7892f. *
* wgt_sp ms7893f. *
* health health. *
* allergy allerg01 allerg02 allerg03 *
* allerg04 allerg05 allerg06 allerg07 *
* allerg08 allerg09 allerg10 allerg11 *
* allerg12 allerg13 allerg14 allerg15 *
* allerg16 allerg17 allerg18 doctor1 *
* doctor1 doctor2 doctor3 doctor4 doctor5 *
* doctor6 doctor7 yn89f. *
* exercise exercise. *
* smk_100 yn789f. *
* smk_now yn789f. *
* smk_day smk_day. *
* alc_any alc_beer alc_wine alc_liqr *
* alc_othr yn789f. *
* eaten_01 eaten_02 eaten_03 eaten_04 *
* eaten_05 eaten_06 eaten_07 eaten_08 *
* eaten_09 eaten_10 eaten_11 eaten_12 *
* eaten_13 eaten_14 eaten_15 eaten_16 *
* eaten_17 eaten_18 eaten_19 eaten_20 *

```

```

*      eaten_21 eaten_22 eaten_23 eaten_24      *
*      eaten_25 eaten_26 eaten_27 eaten_28      *
*      eaten_29 yn89f.                          *
*      d1_lang d2_lang d1_lang.                 *
*      d1_proxy d2_proxy d1_proxy.              *
*      d2_phone d2_phone.                       *
*      d1_mainr d2_mainr d1_mainr.              *
*      d1_sec01 d1_sec02 d1_sec03 d1_sec04      *
*      d1_sec05 d1_sec06 d1_sec07 d1_sec08      *
*      d1_sec09 d1_sec10 d1_sec11 d1_sec12      *
*      d1_sec13 d1_sec14 d1_sec15 d1_sec16      *
*      d1_sec17 d1_sec18 d2_sec01 d2_sec02      *
*      d2_sec03 d2_sec04 d2_sec05 d2_sec06      *
*      d2_sec07 d2_sec08 d2_sec09 d2_sec10      *
*      d2_sec11 d2_sec12 d2_sec13 d2_sec14      *
*      d2_sec15 d2_sec16 d2_sec17 d2_sec18 yn.  *
*      d1_diff d1_hear d1_datar d2_diff         *
*      d2_datar yn9f.;                          *
*
*****;

```

```
proc format library = library;
```

```

value yn
  1 = "Yes"
  2 = "No"
  ;

```

```

value yn9f
  1 = "Yes"
  2 = "No"
  9 = "Not ascertained"
  ;

```

```

value yn89f
  1 = "Yes"
  2 = "No"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value yn789f
  1 = "Yes"
  2 = "No"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value $ms9a
  '9' = "Not ascertained"
  ;

```

```

value ms892f
  .D, 98 = "Don't know"
  .N, 99 = "Not ascertained"
  ;

```

```

value ms7892f
.R, 97 = "Refused"
.D, 98 = "Don't know"
.N, 99 = "Not ascertained"
;

value ms893f
.D, 998 = "Don't know"
.N, 999 = "Not ascertained"
;

value ms7893f
.R, 997 = "Refused"
.D, 998 = "Don't know"
.N, 999 = "Not ascertained"
;

value region
1 = "Northeast"
2 = "Midwest"
3 = "South"
4 = "West"
;

value urb
1 = "MSA, central city"
2 = "MSA, not central city"
3 = "Non-MSA"
;

value increp
1 = "Amount reported"
5 = "No HH interview"
6 = "Not HH last year"
7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
;

value $inccode
'A' = "Under 5000"
'B' = " 5000-9999"
'C' = "10000-14999"
'D' = "15000-19999"
'E' = "20000-24999"
'F' = "25000-29999"
'G' = "30000-34999"
'H' = "35000-39999"
'I' = "40000-44999"
'J' = "45000-49999"
'K' = "50000-59999"
'L' = "60000-74999"
'M' = "75000-99999"
'N' = "100000 + "
'7' = "Refused"
'8' = "Don't know"
'9' = "Not ascertained"

```

```

        ;

value povcat
  1 = " 0 - 130%"
  2 = "131 - 350%"
  3 = " Over 350%"
  ;

value impflag
  1 = "Actual amount"
  2 = "Imputed, INCCODE"
  3 = "Imputed, monthly"
  4 = "Imputed, regression"
  5 = "Imputed, segment level mean"
  ;

value age
  0 = "Under 1 year old"
  90 = "90 or older"
  ;

value age_m
  0 = "Less than one month old"
  ;

value sex
  1 = "Male"
  2 = "Female"
  ;

value rel_ref
  0 = "Reference person"
  1 = "Spouse"
  2 = "Child"
  3 = "Grandchild"
  4 = "Parent"
  5 = "Sibling"
  6 = "Other relative"
  7 = "Foster child"
  8 = "Partner, ..."
  9 = "Roomer/boarder"
  10 = "Employee"
  11 = "Guest"
  12 = "Other unrelated"
  ;

value race
  1 = "White"
  2 = "Black"
  3 = "Asian, Pacific"
  4 = "Native American"
  5 = "Other"
  ;

value origin
  1 = "Mexican, ..."
  2 = "Puerto Rican"

```

```

3 = "Cuban"
4 = "Other Hispanic"
5 = "Non-Hispanic"
;

value pl_stat
1 = "Pregnant"
2 = "Lactating"
3 = "Pregnant and lactating"
4 = "Not pregnant or lactating"
5 = "Not female 10-55"
;

value bf_stat
1 = "Breastfeeding"
2 = "Not breastfeeding"
3 = "Over 3"
;

value grade
0 = "Never attended"
12 = "High school or GED"
13 = "1 year of college"
14 = "2 years of college"
15 = "3 years of college"
16 = "4 years of college"
17 = "5+ years of college"
93 = "Not asked question"
96 = "Other"
97 = "Refused"
98 = "Don't know"
99 = "Not ascertained"
;

value emp_occ
1 = "Professional/technical"
2 = "Manager/proprietor"
3 = "Farmer"
4 = "Clerical/sales"
5 = "Craftsman/foreman"
6 = "Operative"
7 = "Service worker"
8 = "Other"
97 = "Refused"
98 = "Don't know"
99 = "Not ascertained"
;

value emp_res
1 = "Looking for work"
2 = "Going to school"
3 = "Keeping house"
4 = "Retired"
5 = "Unable to work"
11 = "Performing nonpaid work"
12 = "Inclement weather"
16 = "Other"

```

```

97 = "Refused"
98 = "Don't know"
99 = "Not ascertained"
;

value emp_stat
1 = "Employed, full time"
2 = "Employed, part time"
3 = "Employed, not at work"
4 = "Not employed"
5 = "Age < 15"
9 = "Indeterminable"
;

value prg_mon
0 = "Less than one month"
.D, 98 = "Don't know"
.N, 99 = "Not ascertained"
;

value wic_time
0 = "Less than 1 month"
.D, 98 = "Don't know"
.N, 99 = "Not ascertained"
;

value wic_unit
1 = "Months"
2 = "Years"
9 = "Not ascertained"
;

value school
1 = "Yes"
2 = "No"
3 = "Not asked question"
7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
;

value lch_unit
1 = "Week"
2 = "Month"
;

value lch_cost
1 = "Free"
2 = "Reduced price"
3 = "Full price"
8 = "Don't know"
9 = "Not ascertained"
;

value ccare_ml
1 = "Yes"
2 = "No"

```

```
3 = "Not child 1 - 5"  
8 = "Don't know"  
9 = "Not ascertained"  
;
```

```
value mnth  
1 = "January"  
2 = "February"  
3 = "March"  
4 = "April"  
5 = "May"  
6 = "June"  
7 = "July"  
8 = "August"  
9 = "September"  
10 = "October"  
11 = "November"  
12 = "December"  
;
```

```
value dl_day  
1 = "Sunday"  
2 = "Monday"  
3 = "Tuesday"  
4 = "Wednesday"  
5 = "Thursday"  
6 = "Friday"  
7 = "Saturday"  
;
```

```
value dl_amtus  
1 = "Usual"  
2 = "Less than usual"  
3 = "More than usual"  
8 = "Don't know"  
9 = "Not ascertained"  
;
```

```
value dl_less  
1 = "Sickness"  
2 = "Short of money"  
3 = "Traveling"  
4 = "Social occasion"  
5 = "On vacation"  
6 = "Too busy"  
7 = "Not hungry"  
8 = "Dieting"  
9 = "Fasting"  
10 = "Bored/stressed"  
11 = "Tooth problems"  
12 = "Did not like food served"  
13 = "Meal preparer absent"  
14 = "Sleeping/slept late"  
15 = "Weekend"  
16 = "Food not available"  
17 = "Depressed/low mood"  
18 = "Exercising"
```

```

19 = "At home"
20 = "Away from home"
21 = "Heat/hot weather"
96 = "Other"
98 = "Don't know"
99 = "Not ascertained"
    ;

value d1_more
    1 = "Traveling"
    2 = "Social occasion"
    3 = "On vacation"
    4 = "Very hungry"
    5 = "Bored/stressed"
    11 = "Ate out"
    12 = "Sickness"
    13 = "Growing"
    14 = "Liked food served"
    15 = "At home"
    16 = "Away from home"
    17 = "Exercising"
    18 = "Weekend"
    19 = "Cooking"
    20 = "Depressed/low mood"
    96 = "Other"
    98 = "Don't know"
    99 = "Not ascertained"
    ;

value d1_h2o_h
    1 = "All"
    2 = "Most"
    3 = "Some"
    4 = "None"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

value d1_h2o_a
    1 = "Tap water/drinking fountain"
    2 = "Bottled water"
    6 = "Other"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

value d1_tv
    0 = "No TV/tapes watched"
    1 = "1 hour or less"
    .D, 98 = "Don't know"
    .N, 99 = "Not ascertained"
    ;

value salt_typ
    1 = "Ordinary salt"
    2 = "Seasoned salt"
    3 = "Lite salt"

```

```

4 = "Salt substitute"
5 = "None"
8 = "Don't know"
9 = "Not ascertained"
;

value salt_frq
1 = "Always"
2 = "Frequently"
3 = "Sometimes"
4 = "Rarely"
8 = "Don't know"
9 = "Not ascertained"
;

value dt01_src
1 = "Organized program"
2 = "Doctor/dietitian"
3 = "Read/heard about"
4 = "Made up"
96 = "Other"
98 = "Don't know"
99 = "Not ascertained"
;

value vt_freq
1 = "Every day"
2 = "Every so often"
3 = "Not at all"
8 = "Don't know"
9 = "Not ascertained"
;

value health
1 = "Excellent"
2 = "Very good"
3 = "Good"
4 = "Fair"
5 = "Poor"
8 = "Don't know"
9 = "Not ascertained"
;

value exercise
1 = "Daily"
2 = "5 - 6 times per week"
3 = "2 - 4 times per week"
4 = "Once a week"
5 = "1 - 3 times per month"
6 = "Rarely or never"
7 = "Question not asked"
8 = "Don't know"
9 = "Not ascertained"
;

value smk_day
0 = "Less than 1 per day"

```

```
.R, 997 = "Refused"
.D, 998 = "Don't know"
.N, 999 = "Not ascertained"
    ;

value d1_lang
  1 = "English"
  2 = "Spanish"
    ;

value d1_proxy
  1 = "Proxy"
  2 = "Not by proxy"
    ;

value d2_phone
  1 = "In person"
  2 = "Telephone"
    ;

value d1_mainr
  1 = "Sample person"
  2 = "Mother"
  3 = "Father"
  4 = "Wife"
  5 = "Husband"
  6 = "Daughter"
  7 = "Son"
  8 = "Sister"
  9 = "Brother"
 10 = "Grandparent"
 11 = "Aunt"
 12 = "Uncle"
 21 = "Friend, partner"
 22 = "Translator"
 23 = "Care provider"
 24 = "Other relative"
 96 = "Other"
 99 = "Not ascertained"
    ;

run;
```

```

*****
*****
*
* read30.sas          section 10.2.4
*
* This SAS program reads the record type 30 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Formats are
* also included.  The PROC FORMAT statement will require a
* library = option to save the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';      /* directory for SAS files */

filename file30 'f:\rawdata\rt30.dat';  /* ascii file from CD 2 */

libname library '\format_directory';     /* format directory */

data dir1.rt30 (compress = yes);
  infile file30 lrecl = 637;
  input RT          1- 2
        HHID       3- 7
        SPNUM      8- 9
        LINELET    $ 10- 10
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
        HHSIZE     16- 17
        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV     26- 28
        POVCAT     29- 29
        IMPFLAG    30- 30
        FS_RCV12   31- 31
        AGE        32- 33
        AGE_M      34- 35
        SEX        36- 36
        REL_REF    37- 38
        RACE       39- 39
        ORIGIN     40- 40
        HEAD_HH    41- 41
        PL_STAT    42- 42
        BF_STAT    43- 43
        FS_AUTH    44- 44
        COMP_D1    45- 45
        COMP_D2    46- 46
        COMP_DHK   47- 47
        WT4_DAY1   48- 55
        WT4_2DAY   56- 63
        DAYCODE    64- 64
        SEQNUM     65- 66
        FOODCODE   67- 74
        MODCODE    75- 80
        FOODAMT    81- 88 .2

```

OCC_TIME	89- 92	
OCC_HR	93- 94	
OCC_MIN	95- 96	
OCC_AMPM	97- 97	
OCC_NAME	98- 99	
FOODSRCE	100-101	
EATHOME	102-102	
EVERHOME	103-103	
COMBNUM	104-105	
COMBTYPE	106-107	
SALTUSED	108-108	
HOWMANY	109-116	.3
MEASURE	\$ 117-118	
MEASRNUM	119-123	
SUBCODE	124-130	
ENERGY	131-140	.3
PROTEIN	141-150	.3
TFAT	151-160	.3
SFAT	161-170	.3
MFAT	171-180	.3
PFAT	181-190	.3
CHOLES	191-200	.3
CARBO	201-210	.3
FIBER	211-220	.3
VITA_IU	221-230	.3
VITA_RE	231-240	.3
CARO	241-250	.3
VITE	251-260	.3
VITC	261-270	.3
THIAMIN	271-280	.3
RIBO	281-290	.3
NIACIN	291-300	.3
VITB6	301-310	.3
FOLATE	311-320	.3
VITB12	321-330	.3
CALCIUM	331-340	.3
PHOS	341-350	.3
MAGNES	351-360	.3
IRON	361-370	.3
ZINC	371-380	.3
COPPER	381-390	.3
SODIUM	391-400	.3
POTASS	401-410	.3
ALCOHOL	411-420	.3
WATER	421-430	.3
CALEQ	431-438	.2
FA4_0	439-445	.3
FA6_0	446-452	.3
FA8_0	453-459	.3
FA10_0	460-466	.3
FA12_0	467-473	.3
FA14_0	474-480	.3
FA16_0	481-487	.3
FA18_0	488-494	.3
FA16_1	495-501	.3
FA18_1	502-508	.3
FA20_1	509-515	.3

FA22_1	516-522	.3
FA18_2	523-529	.3
FA18_3	530-536	.3
FA18_4	537-543	.3
FA20_4	544-550	.3
FA20_5	551-557	.3
FA22_5	558-564	.3
FA22_6	565-571	.3
CAFFEINE	572-581	.3
THEOBROM	582-591	.3
SELENIUM	592-601	.3
YEAR	602-605	
WTA_DAY1	606-613	
WTA_2DAY	614-621	
WT3_DAY1	622-629	
WT3_2DAY	630-637;	

label

RT	= "Record type"
HHID	= "Household ID"
SPNUM	= "SP number"
LINELET	= "Line letter"
VARSTRAT	= "Variance-estimation stratum"
VARUNIT	= "Variance-estimation unit"
REGION	= "Region"
URB	= "Urbanization"
HHSIZE	= "Household size"
INCOME	= "Annual income: total"
INCREP	= "Annual income: actual report"
INCCODE	= "Annual income: category"
PCTPOV	= "Annual income: percent of poverty"
POVCAT	= "Annual income: % of poverty category"
IMPFLAG	= "Annual income: imputation flag"
FS_RCV12	= "Food stamps: in last 12 months"
AGE	= "Age in years"
AGE_M	= "Age in months"
SEX	= "Sex"
REL_REF	= "Relationship to reference person"
RACE	= "Race"
ORIGIN	= "Hispanic origin"
HEAD_HH	= "Head of household"
PL_STAT	= "Pregnant/lactating status"
BF_STAT	= "Breastfeeding status"
FS_AUTH	= "Food stamps: authorized"
COMP_D1	= "Day 1 flag"
COMP_D2	= "Day 2 flag"
COMP_DHK	= "DHKS flag"
WT4_DAY1	= "Final 4-year day 1 weight"
WT4_2DAY	= "Final 4-year two day weight"
DAYCODE	= "Day of intake"
SEQNUM	= "Line item number"
FOODCODE	= "Food code"
MODCODE	= "Modification code"
SUBCODE	= "Subcode"
FOODAMT	= "Amount of food in grams"
OCC_TIME	= "Occasion: time"
OCC_HR	= "Occasion: hour"

OCC_MIN = "Occasion: minute"
OCC_AMPM = "Occasion: am / pm"
OCC_NAME = "Occasion: name"
FOODSRCE = "Source of food item"
EATHOME = "Was food eaten at home"
EVERHOME = "Was food ever at home"
COMBNUM = "Combination number"
COMBTYPE = "Combination type"
SALTUSED = "Salt used in preparation"
HOWMANY = "Original amount"
MEASURE = "Original unit of measure"
MEASRNUM = "Measure description number"
SUBCODE = "Subcode"
ENERGY = "Food energy - kcal"
PROTEIN = "Protein - g"
TFAT = "Total fat - g"
SFAT = "Saturated fat - g"
MFAT = "Monounsaturated fat - g"
PFAT = "Polyunsaturated fat - g"
CHOLEST = "Cholesterol - mg"
CARBO = "Carbohydrate - g"
FIBER = "Dietary fiber"
VITA_IU = "Vitamin A - IU"
VITA_RE = "Vitamin A - RE"
CARO = "Carotene - RE"
VITE = "Vitamin E - mg"
VITC = "Vitamin C - mg"
THIAMIN = "Thiamin - mg"
RIBO = "Riboflavin - mg"
NIACIN = "Niacin - mg"
VITB6 = "Vitamin B6 - mg"
FOLATE = "Folate - mcg"
VITB12 = "Vitamin B12 - mcg"
CALCIUM = "Calcium - mg"
PHOS = "Phosphorus - mg"
MAGNES = "Magnesium - mg"
IRON = "Iron - mg"
ZINC = "Zinc - mg"
COPPER = "Copper - mg"
SODIUM = "Sodium - mg"
POTASS = "Potassium - mg"
ALCOHOL = "Alcohol - g"
WATER = "Water - g"
CALEQ = "Dairy foods in calcium equiv. (mg)"
FA4_0 = 'Fatty acid 4:0 - g'
FA6_0 = 'Fatty acid 6:0 - g'
FA8_0 = 'Fatty acid 8:0 - g'
FA10_0 = 'Fatty acid 10:0 - g'
FA12_0 = 'Fatty acid 12:0 - g'
FA14_0 = 'Fatty acid 14:0 - g'
FA16_0 = 'Fatty acid 16:0 - g'
FA18_0 = 'Fatty acid 18:0 - g'
FA16_1 = 'Fatty acid 16:1 - g'
FA18_1 = 'Fatty acid 18:1 - g'
FA20_1 = 'Fatty acid 20:1 - g'
FA22_1 = 'Fatty acid 22:1 - g'
FA18_2 = 'Fatty acid 18:2 - g'

```

FA18_3   = 'Fatty acid 18:3 - g'
FA18_4   = 'Fatty acid 18:4 - g'
FA20_4   = 'Fatty acid 20:4 - g'
FA20_5   = 'Fatty acid 20:5 - g'
FA22_5   = 'Fatty acid 22:5 - g'
FA22_6   = 'Fatty acid 22:6 - g'
CAFFEINE = 'Caffeine - mg'
THEOBROM = 'Theobromine - mg'
SELENIUM = 'Selenium - mcg'
YEAR      = "Year of survey"
WTA_DAY1 = "Final annual day 1 weight"
WTA_2DAY = "Final annual two day weight"
WT3_DAY1 = "Final 3-year day 1 weight"
WT3_2DAY = "Final 3-year two day weight"
;

```

```

*****
*
* Conversion of missing values. The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed. The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
* Of course numeric variables that were read in as
* blanks, meaning "not applicable", were
* automatically assigned the standard missing
* value represented by a single . (dot).
*
*****;

```

```

*****
*
* No missing value assignments are
* necessary for record types 30, 35,
* and 42.
*
*****;

```

```

*****
*
* These PROC FORMAT statements provide labels for
* the values of many of the variables included in
* this record type. Like the variable labels
* provided above with the LABEL statement, these
* value labels are based on the information
* contained in the file formats but are not
* necessarily complete. Refer to the file formats
* for a complete description of the values.
*
*****

```

```

* Unique value statements are not made for each      *
* variable since many variables share the same set  *
* of possible values.  The following FORMAT         *
* statement provides the appropriate format names.   *
*                                                    *
* format region region.                             *
*     urb urb.                                       *
*     increp increp.                                 *
*     inccode $inccode.                              *
*     povcat povcat.                                 *
*     impflag impflag.                               *
*     fs_rcv12 yn789f.                               *
*     age age.                                       *
*     age_m age_m.                                   *
*     sex sex.                                       *
*     rel_ref rel_ref.                               *
*     race race.                                     *
*     origin origin.                                 *
*     head_hh yn9f.                                  *
*     pl_stat pl_stat.                              *
*     bf_stat bf_stat.                              *
*     fs_auth yn789f.                                *
*     comp_d1 comp_d2 comp_dhk yn.                  *
*     daycode daycode.                              *
*     modcode modcode.                              *
*     subcode subcode.                              *
*     occ_time occ_time.                            *
*     occ_hr occ_min ms892f.                        *
*     occ_ampm occ_ampm.                            *
*     occ_name occ_name.                            *
*     foodsrce foodsrce.                            *
*     eathome everhome yn89f.                       *
*     combnum combnum.                              *
*     combtype combtype.                            *
*     saltused saltused.                            *
*     measure $measure.;                            *
*                                                    *
*****;

```

```
proc format library = library;
```

```

value yn
  1 = "Yes"
  2 = "No"
  ;

```

```

value yn9f
  1 = "Yes"
  2 = "No"
  9 = "Not ascertained"
  ;

```

```

value yn789f
  1 = "Yes"
  2 = "No"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"

```

```

;

value region
  1 = "Northeast"
  2 = "Midwest"
  3 = "South"
  4 = "West"
;

value urb
  1 = "MSA, central city"
  2 = "MSA, not central city"
  3 = "Non-MSA"
;

value increp
  1 = "Amount reported"
  5 = "No HH interview"
  6 = "Not HH last year"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
;

value $inccode
  'A' = "Under 5000"
  'B' = " 5000-9999"
  'C' = "10000-14999"
  'D' = "15000-19999"
  'E' = "20000-24999"
  'F' = "25000-29999"
  'G' = "30000-34999"
  'H' = "35000-39999"
  'I' = "40000-44999"
  'J' = "45000-49999"
  'K' = "50000-59999"
  'L' = "60000-74999"
  'M' = "75000-99999"
  'N' = "100000 + "
  '7' = "Refused"
  '8' = "Don't know"
  '9' = "Not ascertained"
;

value povcat
  1 = " 0 - 130%"
  2 = "131 - 350%"
  3 = " Over 350%"
;

value impflag
  1 = "Actual amount"
  2 = "Imputed, INCCODE"
  3 = "Imputed, monthly"
  4 = "Imputed, regression"
  5 = "Imputed, segment level mean"
;

```

```

value age
  0 = "Under 1 year old"
  90 = "90 or older"
  ;

value age_m
  0 = "Less than one month old"
  ;

value sex
  1 = "Male"
  2 = "Female"
  ;

value rel_ref
  0 = "Reference person"
  1 = "Spouse"
  2 = "Child"
  3 = "Grandchild"
  4 = "Parent"
  5 = "Sibling"
  6 = "Other relative"
  7 = "Foster child"
  8 = "Partner, ..."
  9 = "Roomer/boarder"
  10 = "Employee"
  11 = "Guest"
  12 = "Other unrelated"
  ;

value race
  1 = "White"
  2 = "Black"
  3 = "Asian, Pacific"
  4 = "Native American"
  5 = "Other"
  ;

value origin
  1 = "Mexican, ..."
  2 = "Puerto Rican"
  3 = "Cuban"
  4 = "Other Hispanic"
  5 = "Non-Hispanic"
  ;

value pl_stat
  1 = "Pregnant"
  2 = "Lactating"
  3 = "Pregnant and lactating"
  4 = "Not pregnant or lactating"
  5 = "Not female 10-55"
  ;

value bf_stat
  1 = "Breastfeeding"

```

```

    2 = "Not breastfeeding"
    3 = "Over 3"
    ;

value yn89f
    1 = "Yes"
    2 = "No"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

value ms892f
    98 = "Don't know"
    99 = "Not ascertained"
    ;

value daycode
    1 = "Day 1"
    2 = "Day 2"
    ;

value modcode
    0 = "No modification"
    ;

value subcode
    0 = "No subcode"
    ;

value occ_time
    0 = "Midnight"
    1200 = "Noon"
    9999 = "Indeterminable"
    ;

value occ_ampm
    1 = "AM"
    2 = "PM"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

value occ_name
    1 = "Breakfast"
    2 = "Brunch"
    3 = "Lunch"
    4 = "Dinner"
    5 = "Supper"
    6 = "Break"
    7 = "Infant feeding"
    95 = "Extended occasion"
    96 = "Other"
    98 = "Don't know"
    99 = "Not ascertained"
    ;

value foodsrce

```

```

1 = "Store"
2 = "Restaurant"
3 = "Fast food/pizza"
4 = "Bar, tavern, lounge"
5 = "School cafeteria"
6 = "Other cafeteria"
7 = "Vending machine"
8 = "Care center"
9 = "Soup kitchen"
10 = "Meals on Wheels"
11 = "Other program "
12 = "Grown or caught"
13 = "Someone else/gift"
14 = "Mail order"
15 = "Common pot or tray"
16 = "Residential facility"
20 = "Breast milk/water as ingr"
71 = "Fish caught: freshwater"
72 = "Fish caught: ocean"
73 = "Fish caught: bay"
74 = "Fish caught: unknown source"
96 = "Other"
98 = "Don't know"
99 = "Not ascertained"
    ;

value combnum
    0 = "Not part of comb."
    ;

value combtype
    1 = "Beverage"
    2 = "Cereal"
    3 = "Baked product"
    4 = "Salad"
    5 = "Sandwich"
    6 = "Soup"
    7 = "Frozen meal"
    8 = "Ice cream"
    9 = "Vegetable"
    10 = "Fruit"
    99 = "Other mixtures"
    ;

value saltused
    0 = "Salt use not probed for this food"
    1 = "Yes"
    2 = "No"
    3 = "Salt substitute used"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

value $measure
    'C ' = "Cup"
    'FO' = "Fluid ounce"
    'GA' = "Gallon"

```

```
'GM' = "Gram"  
'L ' = "Liter"  
'LB' = "Pound"  
'ML' = "Milliliter"  
'PT' = "Pint"  
'QT' = "Quart"  
'RC' = "Ruler circle"  
'RR' = "Ruler rectangle"  
'RT' = "Ruler triangle"  
'RW' = "Ruler wedge"  
'TB' = "Tablespoon"  
'TS' = "Teaspoon"  
'WO' = "Weight ounce"  
'XX' = "Not applicable"  
;
```

```
run;
```

```

*****
*****
*
* read35.sas      section 10.2.5
*
* This SAS program reads the record type 35 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Formats are
* also included.  The PROC FORMAT statement will require a
* library = option to save the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';      /* directory for SAS files */

filename file35 'f:\rawdata\rt35.dat';  /* ascii file from CD 2 */

libname library '\format_directory';    /* format directory */

data dir1.rt35 (compress = yes);
  infile file35 lrecl = 677;
  input RT          1- 2
        HHID       3- 7
        SPNUM      8- 9
        LINELET    $ 10- 10
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
        HHSIZE     16- 17
        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV    26- 28
        POVCAT     29- 29
        IMPFLAG    30- 30
        FS_RCV12   31- 31
        AGE        32- 33
        AGE_M      34- 35
        SEX        36- 36
        REL_REF    37- 38
        RACE       39- 39
        ORIGIN     40- 40
        HEAD_HH    41- 41
        PL_STAT    42- 42
        BF_STAT    43- 43
        FS_AUTH    44- 44
        COMP_D1    45- 45
        COMP_D2    46- 46
        COMP_DHK   47- 47
        WT4_DAY1   48- 55
        WT4_2DAY   56- 63
        DAYCODE    64- 64
        BMILK      65- 65
        GRAIN0     66- 73 .2
        GRAIN1     74- 81 .2
        GRAIN2     82- 89 .2

```

GRAIN21	90- 97	.2
GRAIN22	98-105	.2
GRAIN23	106-113	.2
GRAIN3	114-121	.2
GRAIN4	122-129	.2
GRAIN5	130-137	.2
GRAIN6	138-145	.2
VEG0	146-153	.2
VEG1	154-161	.2
VEG11	162-169	.2
VEG2	170-177	.2
VEG3	178-185	.2
VEG4	186-193	.2
VEG5	194-201	.2
VEG6	202-209	.2
VEG7	210-217	.2
VEG8	218-225	.2
FRUIT0	226-233	.2
FRUIT1	234-241	.2
FRUIT11	242-249	.2
FRUIT2	250-257	.2
FRUIT3	258-265	.2
FRUIT31	266-273	.2
FRUIT32	274-281	.2
FRUIT33	282-289	.2
FRUIT34	290-297	.2
FRUIT35	298-305	.2
MILK0	306-313	.2
MILK0C	314-321	.2
MILK1	322-329	.2
MILK11	330-337	.2
MILK111	338-345	.2
MILK112	346-353	.2
MILK113	354-361	.2
MILK2	362-369	.2
MILK3	370-377	.2
MILK4	378-385	.2
MEAT0	386-393	.2
MEAT1	394-401	.2
MEAT2	402-409	.2
MEAT3	410-417	.2
MEAT4	418-425	.2
MEAT5	426-433	.2
MEAT6	434-441	.2
MEAT61	442-449	.2
MEAT7	450-457	.2
MEAT8	458-465	.2
EGG0	466-473	.2
LEGUME0	474-481	.2
NUTSEED0	482-489	.2
FAT0	490-497	.2
FAT1	498-505	.2
FAT2	506-513	.2
SUGAR0	514-521	.2
SUGAR1	522-529	.2
SUGAR2	530-537	.2
BEV0	538-545	.2

BEV1	546-553	.2
BEV11	554-561	.2
BEV12	562-569	.2
BEV2	570-577	.2
BEV21	578-585	.2
BEV22	586-593	.2
BEV23	594-601	.2
BEV231	602-609	.2
BEV232	610-617	.2
BEV24	618-625	.2
BEV241	626-633	.2
BEV242	634-641	.2
YEAR	642-645	
WTA_DAY1	646-653	
WTA_2DAY	654-661	
WT3_DAY1	662-669	
WT3_2DAY	670-677;	

label

RT	= "Record type"
HHID	= "Household ID"
SPNUM	= "Sample person number"
LINELET	= "Line letter for HH members"
VARSTRAT	= "Variance-estimation stratum"
VARUNIT	= "Variance-estimation unit"
REGION	= "Region"
URB	= "Urbanization"
HHSIZE	= "Household size"
INCOME	= "Annual income: total"
INCREP	= "Annual income: actual report"
INCCODE	= "Annual income: category"
PCTPOV	= "Annual income: percent of poverty"
POVCAT	= "Annual income: % of poverty category"
IMPFLAG	= "Annual income: imputation flag"
FS_RCV12	= "Food stamps: in last 12 months"
AGE	= "Age in years"
AGE_M	= "Age in months"
SEX	= "Sex"
REL_REF	= "Relationship to reference person"
RACE	= "Race"
ORIGIN	= "Hispanic origin"
HEAD_HH	= "Head of household"
PL_STAT	= "Pregnant/lactating status"
BF_STAT	= "Breastfeeding status"
FS_AUTH	= "Food stamps: authorized"
COMP_D1	= "Day 1 flag"
COMP_D2	= "Day 2 flag"
COMP_DHK	= "DHKS flag"
WT4_DAY1	= "Final 4-year day 1 weight"
WT4_2DAY	= "Final 4-year two day weight"
DAYCODE	= "Day / average code"
BMILK	= "Breast milk consumption flag"
GRAIN0	= "Total grain products "
GRAIN1	= "Total yeast breads and rolls "
GRAIN2	= "Total cereals and pastas"
GRAIN21	= "Ready-to-eat cereals"
GRAIN22	= "Rice"

GRAIN23 = "Pasta"
 GRAIN3 = "Quick breads, pancakes, ..."
 GRAIN4 = "Cakes, cookies, pastries, pies"
 GRAIN5 = "Crackers, popcorn, pretzels, ..."
 GRAIN6 = "Mixtures mainly grain"
 VEG0 = "Total vegetables"
 VEG1 = "White potatoes"
 VEG11 = "Fried potatoes"
 VEG2 = "Dark green vegetables"
 VEG3 = "Deep yellow vegetables"
 VEG4 = "Tomatoes"
 VEG5 = "Lettuce"
 VEG6 = "Green beans"
 VEG7 = "Corn, green peas, lima beans"
 VEG8 = "Other vegetables"
 FRUIT0 = "Total fruits"
 FRUIT1 = "Total citrus fruits and juices"
 FRUIT11 = "Citrus juices"
 FRUIT2 = "Dried fruit"
 FRUIT3 = "Total other fruits"
 FRUIT31 = "Apples"
 FRUIT32 = "Bananas"
 FRUIT33 = "Melons and berries"
 FRUIT34 = "Other fruits and mixtures "
 FRUIT35 = "Noncitrus juices and nectars"
 MILK0 = "Total milk and milk products (g)"
 MILK0C = "Total milk (cal eq)"
 MILK1 = "Total milk, milk drinks, yogurt"
 MILK11 = "Total fluid milk"
 MILK111 = "Whole milk"
 MILK112 = "Lowfat milk"
 MILK113 = "Skim milk"
 MILK2 = "Yogurt"
 MILK3 = "Milk desserts"
 MILK4 = "Cheese"
 MEAT0 = "Total meat, poultry, fish"
 MEAT1 = "Beef"
 MEAT2 = "Pork"
 MEAT3 = "Lamb, veal, game"
 MEAT4 = "Organ meats"
 MEAT5 = "Frankfurters, sausages, ..."
 MEAT6 = "Total poultry"
 MEAT61 = "Chicken"
 MEAT7 = "Fish and shellfish"
 MEAT8 = "Mixtures mainly meat, poultry, fish"
 EGG0 = "Eggs"
 LEGUME0 = "Legumes"
 NUTSEED0 = "Nuts and seeds"
 FAT0 = "Total fats and oils"
 FAT1 = "Table fats"
 FAT2 = "Salad dressings"
 SUGAR0 = "Total sugars and sweets"
 SUGAR1 = "Sugars"
 SUGAR2 = "Candy"
 BEV0 = "Total beverages"
 BEV1 = "Total alcoholic beverages"
 BEV11 = "Wine"

```

BEV12    = "Beer and ale"
BEV2     = "Total nonalcoholic beverages"
BEV21    = "Coffee"
BEV22    = "Tea"
BEV23    = "Total fruit drinks and ades"
BEV231   = "Regular fruit drinks and ades"
BEV232   = "Low-calorie fruit drinks and ades"
BEV24    = "Total carbonated soft drinks"
BEV241   = "Regular carbonated soft drinks"
BEV242   = "Low-calorie carbonated soft drinks"
YEAR     = "Year of survey"
WTA_DAY1 = "Final annual day 1 weight"
WTA_2DAY = "Final annual two day weight"
WT3_DAY1 = "Final 3-year day 1 weight"
WT3_2DAY = "Final 3-year two day weight"
;

```

```

*****
*
* Conversion of missing values.  The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed.  The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
* Of course numeric variables that were read in as
* blanks, meaning "not applicable", were
* automatically assigned the standard missing
* value represented by a single . (dot).
*
*****;

```

```

*****
*
* No missing value assignments are
* necessary for record types 30, 35,
* and 42.
*
*****;

```

```

*****
*
* These PROC FORMAT statements provide labels for
* the values of many of the variables included in
* this record type.  Like the variable labels
* provided above with the LABEL statement, these
* value labels are based on the information
* contained in the file formats but are not
* necessarily complete.  Refer to the file formats
* for a complete description of the values.
*

```

```

*
* Unique value statements are not made for each
* variable since many variables share the same set
* of possible values. The following FORMAT
* statement provides the appropriate format names.
*
* format region region.
*     urb urb.
*     increp increp.
*     inccode $inccode.
*     povcat povcat.
*     impflag impflag.
*     fs_rcv12 yn789f.
*     age age.
*     age_m age_m.
*     sex sex.
*     rel_ref rel_ref.
*     race race.
*     origin origin.
*     head_hh yn9f.
*     pl_stat pl_stat.
*     bf_stat bf_stat.
*     fs_auth yn789f.
*     comp_d1 comp_d2 comp_dhk yn.
*     daycode daycode.
*     bmilk bmilk.;
*
*****;

```

```
proc format library = library;
```

```

value yn
  1 = "Yes"
  2 = "No"
  ;

```

```

value yn9f
  1 = "Yes"
  2 = "No"
  9 = "Not ascertained"
  ;

```

```

value yn89f
  1 = "Yes"
  2 = "No"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value yn789f
  1 = "Yes"
  2 = "No"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```
value region
```

```

1 = "Northeast"
2 = "Midwest"
3 = "South"
4 = "West"
;

value urb
1 = "MSA, central city"
2 = "MSA, not central city"
3 = "Non-MSA"
;

value increp
1 = "Amount reported"
5 = "No HH interview"
6 = "Not HH last year"
7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
;

value $inccode
'A' = "Under 5000"
'B' = " 5000-9999"
'C' = "10000-14999"
'D' = "15000-19999"
'E' = "20000-24999"
'F' = "25000-29999"
'G' = "30000-34999"
'H' = "35000-39999"
'I' = "40000-44999"
'J' = "45000-49999"
'K' = "50000-59999"
'L' = "60000-74999"
'M' = "75000-99999"
'N' = "100000 + "
'7' = "Refused"
'8' = "Don't know"
'9' = "Not ascertained"
;

value povcat
1 = " 0 - 130%"
2 = "131 - 350%"
3 = " Over 350%"
;

value impflag
1 = "Actual amount"
2 = "Imputed, INCCODE"
3 = "Imputed, monthly"
4 = "Imputed, regression"
5 = "Imputed, segment level mean"
;

value age
0 = "Under 1 year old"

```

```

90 = "90 or older"
    ;

value age_m
  0 = "Less than one month old"
    ;

value sex
  1 = "Male"
  2 = "Female"
    ;

value rel_ref
  0 = "Reference person"
  1 = "Spouse"
  2 = "Child"
  3 = "Grandchild"
  4 = "Parent"
  5 = "Sibling"
  6 = "Other relative"
  7 = "Foster child"
  8 = "Partner, ..."
  9 = "Roomer/boarder"
  10 = "Employee"
  11 = "Guest"
  12 = "Other unrelated"
    ;

value race
  1 = "White"
  2 = "Black"
  3 = "Asian, Pacific"
  4 = "Native American"
  5 = "Other"
    ;

value origin
  1 = "Mexican, ..."
  2 = "Puerto Rican"
  3 = "Cuban"
  4 = "Other Hispanic"
  5 = "Non-Hispanic"
    ;

value pl_stat
  1 = "Pregnant"
  2 = "Lactating"
  3 = "Pregnant and lactating"
  4 = "Not pregnant or lactating"
  5 = "Not female 10-55"
    ;

value bf_stat
  1 = "Breastfeeding"
  2 = "Not breastfeeding"
  3 = "Over 3"
    ;

```

```
value daycode
  1 = "Day 1"
  2 = "Day 2"
  4 = "2-day average"
  ;

value bmlk
  0 = "No breastmilk consumed"
  1 = "Breastmilk consumed"
  ;

run;
```

```

*****
*****
*
* read40.sas      section 10.2.6
*
* This SAS program reads the record type 40 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Formats are
* also included.  The PROC FORMAT statement will require a
* library = option to save the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';      /* directory for SAS files */

filename file40 'f:\rawdata\rt40.dat';  /* ascii file from CD 2 */

libname library '\format_directory';    /* format directory */

data dir1.rt40 (compress = yes);
  infile file40 lrecl = 695;
  input RT          1- 2
        HHID       3- 7
        SPNUM      8- 9
        LINELET    $ 10- 10
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
        HHSIZE     16- 17
        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV    26- 28
        POVCAT     29- 29
        IMPFLAG    30- 30
        FS_RCV12   31- 31
        AGE        32- 33
        AGE_M      34- 35
        SEX        36- 36
        REL_REF    37- 38
        RACE       39- 39
        ORIGIN     40- 40
        HEAD_HH    41- 41
        PL_STAT    42- 42
        BF_STAT    43- 43
        FS_AUTH    44- 44
        COMP_D1    45- 45
        COMP_D2    46- 46
        COMP_DHK   47- 47
        WT4_DAY1   48- 55
        WT4_2DAY   56- 63
        DAYCODE    64- 64
        BMILK      65- 65
        R_ENERGY   66- 72 .1
        R_PROT     73- 79 .1
        R_VITAIU   80- 86 .1

```

R_VITARE	87- 93	.1
R_VITE	94-100	.1
R_VITC	101-107	.1
R_THIAMN	108-114	.1
R_RIBO	115-121	.1
R_NIACIN	122-128	.1
R_VITB6	129-135	.1
R_FOLATE	136-142	.1
R_VITB12	143-149	.1
R_CALC	150-156	.1
R_PHOS	157-163	.1
R_MAGNES	164-170	.1
R_IRON	171-177	.1
R_ZINC	178-184	.1
ENERGY	190-199	.3
PROTEIN	200-209	.3
TFAT	210-219	.3
SFAT	220-229	.3
MFAT	230-239	.3
PFAT	240-249	.3
CHOLES	250-259	.3
CARBO	260-269	.3
FIBER	270-279	.3
VITA_IU	280-289	.3
VITA_RE	290-299	.3
CARO	300-309	.3
VITE	310-319	.3
VITC	320-329	.3
THIAMIN	330-339	.3
RIBO	340-349	.3
NIACIN	350-359	.3
VITB6	360-369	.3
FOLATE	370-379	.3
VITB12	380-389	.3
CALCIUM	390-399	.3
PHOS	400-409	.3
MAGNES	410-419	.3
IRON	420-429	.3
ZINC	430-439	.3
COPPER	440-449	.3
SODIUM	450-459	.3
POTASS	460-469	.3
ALCOHOL	470-479	.3
WATER	480-489	.3
FA4_0	490-496	.3
FA6_0	497-503	.3
FA8_0	504-510	.3
FA10_0	511-517	.3
FA12_0	518-524	.3
FA14_0	525-531	.3
FA16_0	532-538	.3
FA18_0	539-545	.3
FA16_1	546-552	.3
FA18_1	553-559	.3
FA20_1	560-566	.3
FA22_1	567-573	.3
FA18_2	574-580	.3

FA18_3	581-587	.3
FA18_4	588-594	.3
FA20_4	595-601	.3
FA20_5	602-608	.3
FA22_5	609-615	.3
FA22_6	616-622	.3
CAFFEINE	623-632	.3
THEOBROM	633-642	.3
SELENIUM	643-652	.3
R_SELEN	653-659	.1
YEAR	660-663	
WTA_DAY1	664-671	
WTA_2DAY	672-679	
WT3_DAY1	680-687	
WT3_2DAY	688-695;	

label

RT	= "Record type"
HHID	= "Household ID"
SPNUM	= "Sample person number"
LINELET	= "Line letter for HH members"
VARSTRAT	= "Variance-estimation stratum"
VARUNIT	= "Variance-estimation unit"
REGION	= "Region"
URB	= "Urbanization"
HHSIZE	= "Household size"
INCOME	= "Annual income: total"
INCREP	= "Annual income: actual report"
INCCODE	= "Annual income: category"
PCTPOV	= "Annual income: percent of poverty"
POVCAT	= "Annual income: % of poverty category"
IMPFLAG	= "Annual income: imputation flag"
FS_RCV12	= "Food stamps: in last 12 months"
AGE	= "Age in years"
AGE_M	= "Age in months"
SEX	= "Sex"
REL_REF	= "Relationship to reference person"
RACE	= "Race"
ORIGIN	= "Hispanic origin"
HEAD_HH	= "Head of household"
PL_STAT	= "Pregnant/lactating status"
BF_STAT	= "Breastfeeding status"
FS_AUTH	= "Food stamps: authorized"
COMP_D1	= "Day 1 flag"
COMP_D2	= "Day 2 flag"
COMP_DHK	= "DHKS flag"
WT4_DAY1	= "Final 4-year day 1 weight"
WT4_2DAY	= "Final 4-year two day weight"
DAYCODE	= "Day / average code"
BMILK	= "Breast milk consumption flag"
R_ENERGY	= "%RDA: food energy"
R_PROT	= "%RDA: protein "
R_VITAIU	= "%RDA: vitamin A - IU"
R_VITARE	= "%RDA: vitamin A - RE"
R_VITE	= "%RDA: vitamin E"
R_VITC	= "%RDA: vitamin C"
R_THIAMN	= "%RDA: thiamin"

R_RIBO = "%RDA: riboflavin"
R_NIACIN = "%RDA: niacin"
R_VITB6 = "%RDA: vitamin B6"
R_FOLATE = "%RDA: folate"
R_VITB12 = "%RDA: vitamin B12"
R_CALC = "%RDA: calcium"
R_PHOS = "%RDA: phosphorus"
R_MAGNES = "%RDA: magnesium"
R_IRON = "%RDA: iron"
R_ZINC = "%RDA: zinc"
ENERGY = "Food energy - kcal"
PROTEIN = "Protein - g"
TFAT = "Total fat - g"
SFAT = "Saturated fat - g"
MFAT = "Monounsaturated fat - g"
PFAT = "Polyunsaturated fat - g"
CHOLEST = "Cholesterol - mg"
CARBO = "Carbohydrate - g"
FIBER = "Dietary fiber"
VITA_IU = "Vitamin A - IU"
VITA_RE = "Vitamin A - RE"
CARO = "Carotene - RE"
VITE = "Vitamin E - mg"
VITC = "Vitamin C - mg"
THIAMIN = "Thiamin - mg"
RIBO = "Riboflavin - mg"
NIACIN = "Niacin - mg"
VITB6 = "Vitamin B6 - mg"
FOLATE = "Folate - mcg"
VITB12 = "Vitamin B12 - mcg"
CALCIUM = "Calcium - mg"
PHOS = "Phosphorus - mg"
MAGNES = "Magnesium - mg"
IRON = "Iron - mg"
ZINC = "Zinc - mg"
COPPER = "Copper - mg"
SODIUM = "Sodium - mg"
POTASS = "Potassium - mg"
ALCOHOL = "Alcohol - g"
WATER = "Water - g"
FA4_0 = 'Fatty acid 4:0 - g'
FA6_0 = 'Fatty acid 6:0 - g'
FA8_0 = 'Fatty acid 8:0 - g'
FA10_0 = 'Fatty acid 10:0 - g'
FA12_0 = 'Fatty acid 12:0 - g'
FA14_0 = 'Fatty acid 14:0 - g'
FA16_0 = 'Fatty acid 16:0 - g'
FA18_0 = 'Fatty acid 18:0 - g'
FA16_1 = 'Fatty acid 16:1 - g'
FA18_1 = 'Fatty acid 18:1 - g'
FA20_1 = 'Fatty acid 20:1 - g'
FA22_1 = 'Fatty acid 22:1 - g'
FA18_2 = 'Fatty acid 18:2 - g'
FA18_3 = 'Fatty acid 18:3 - g'
FA18_4 = 'Fatty acid 18:4 - g'
FA20_4 = 'Fatty acid 20:4 - g'
FA20_5 = 'Fatty acid 20:5 - g'

```

FA22_5   = 'Fatty acid 22:5 - g'
FA22_6   = 'Fatty acid 22:6 - g'
CAFFEINE = 'Caffeine - mg'
THEOBROM = 'Theobromine - mg'
SELENIUM = 'Selenium - mcg'
R_SELEN  = "%RDA: selenium"
YEAR     = "Year of survey"
WTA_DAY1 = "Final annual day 1 weight"
WTA_2DAY = "Final annual two day weight"
WT3_DAY1 = "Final 3-year day 1 weight"
WT3_2DAY = "Final 3-year two day weight"
;

```

```

*****
*
* Conversion of missing values. The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed. The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
* Of course numeric variables that were read in as
* blanks, meaning "not applicable", were
* automatically assigned the standard missing
* value represented by a single . (dot).
*
*****;

```

```

*****
*
* No missing value assignments are
* necessary for record types 30, 35,
* and 40.
*
*****;

```

```

*****
*
*
* These PROC FORMAT statements provide labels for
* the values of many of the variables included in
* this record type. Like the variable labels
* provided above with the LABEL statement, these
* value labels are based on the information
* contained in the file formats but are not
* necessarily complete. Refer to the file formats
* for a complete description of the values.
*
* Unique value statements are not made for each
* variable since many variables share the same set
* of possible values. The following FORMAT
* statement provides the appropriate format names.
*

```

```

*
* format region region.
*   urb urb.
*   increp increp.
*   inccode $inccode.
*   povcat povcat.
*   impflag impflag.
*   fs_rcv12 yn789f.
*   age age.
*   age_m age_m.
*   sex sex.
*   rel_ref rel_ref.
*   race race.
*   origin origin.
*   head_hh yn9f.
*   pl_stat pl_stat.
*   bf_stat bf_stat.
*   fs_auth yn789f.
*   comp_d1 comp_d2 comp_dhk yn.
*   daycode daycode.
*   bmilk bmilk.;
*
*****;

```

```

proc format library = library;

```

```

  value yn
    1 = "Yes"
    2 = "No"
    ;

```

```

  value yn9f
    1 = "Yes"
    2 = "No"
    9 = "Not ascertained"
    ;

```

```

  value yn89f
    1 = "Yes"
    2 = "No"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

```

```

  value yn789f
    1 = "Yes"
    2 = "No"
    7 = "Refused"
    8 = "Don't know"
    9 = "Not ascertained"
    ;

```

```

  value region
    1 = "Northeast"
    2 = "Midwest"
    3 = "South"
    4 = "West"
    ;

```

```

value urb
  1 = "MSA, central city"
  2 = "MSA, not central city"
  3 = "Non-MSA"
  ;

value increp
  1 = "Amount reported"
  5 = "No HH interview"
  6 = "Not HH last year"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value $inccode
  'A' = "Under 5000"
  'B' = " 5000-9999"
  'C' = "10000-14999"
  'D' = "15000-19999"
  'E' = "20000-24999"
  'F' = "25000-29999"
  'G' = "30000-34999"
  'H' = "35000-39999"
  'I' = "40000-44999"
  'J' = "45000-49999"
  'K' = "50000-59999"
  'L' = "60000-74999"
  'M' = "75000-99999"
  'N' = "100000 + "
  '7' = "Refused"
  '8' = "Don't know"
  '9' = "Not ascertained"
  ;

value povcat
  1 = " 0 - 130%"
  2 = "131 - 350%"
  3 = " Over 350%"
  ;

value impflag
  1 = "Actual amount"
  2 = "Imputed, INCCODE"
  3 = "Imputed, monthly"
  4 = "Imputed, regression"
  5 = "Imputed, segment level mean"
  ;

value age
  0 = "Under 1 year old"
  90 = "90 or older"
  ;

value age_m
  0 = "Less than one month old"

```

```

;

value sex
  1 = "Male"
  2 = "Female"
;

value rel_ref
  0 = "Reference person"
  1 = "Spouse"
  2 = "Child"
  3 = "Grandchild"
  4 = "Parent"
  5 = "Sibling"
  6 = "Other relative"
  7 = "Foster child"
  8 = "Partner, ..."
  9 = "Roomer/boarder"
  10 = "Employee"
  11 = "Guest"
  12 = "Other unrelated"
;

value race
  1 = "White"
  2 = "Black"
  3 = "Asian, Pacific"
  4 = "Native American"
  5 = "Other"
;

value origin
  1 = "Mexican, ..."
  2 = "Puerto Rican"
  3 = "Cuban"
  4 = "Other Hispanic"
  5 = "Non-Hispanic"
;

value pl_stat
  1 = "Pregnant"
  2 = "Lactating"
  3 = "Pregnant and lactating"
  4 = "Not pregnant or lactating"
  5 = "Not female 10-55"
;

value bf_stat
  1 = "Breastfeeding"
  2 = "Not breastfeeding"
  3 = "Over 3"
;

value daycode
  1 = "Day 1"
  2 = "Day 2"
  4 = "2-day average"

```

```
    ;  
value bmlk  
  0 = "No breastmilk consumed"  
  1 = "Breastmilk consumed"  
  ;  
run;
```

```

*****
*****
*
* read50.sas                section 10.2.7
*
* This SAS program reads the record type 50 data file and
* saves it as a SAS file.  Be sure to modify the libname
* and filename statements as appropriate.  Conversions of
* values representing missing data to special missing
* values may be made.  Formats are also included.  The PROC
* FORMAT statement will require a library = option to save
* the formats permanently.
*
*****;

libname dir1 '\sas_file_directory';    /* directory for SAS files */

filename file50 'f:\rawdata\rt50.dat'; /* ascii file from CD 2 */

libname library '\format_directory';   /* format directory */

data dir1.rt50 (compress = yes
                drop = i);
  infile file50 lrecl = 432;
  input RT          1- 2
        HHID       3- 7
        SPNUM      8- 9
        LINELET    $ 10- 10
        VARSTRAT   11- 12
        VARUNIT    13- 13
        REGION     14- 14
        URB        15- 15
        HHSIZE     16- 17
        INCOME     18- 23
        INCREP     24- 24
        INCCODE    $ 25- 25
        PCTPOV     26- 28
        POVCAT     29- 29
        IMPFLAG    30- 30
        FS_RCV12   31- 31
        AGE        32- 33
        SEX        36- 36
        REL_REF    37- 38
        RACE       39- 39
        ORIGIN     40- 40
        HEAD_HH    41- 41
        PL_STAT    42- 42
        FS_AUTH    44- 44
        COMP_D1    45- 45
        COMP_D2    46- 46
        COMP_DHK   47- 47
        WT3_DHK    48- 55
        WT3_DHK2   56- 63
        GRADE      64- 65
        EMP_STAT   66- 66
        PLAN_YN    67- 67
        SHOP_YN    68- 68

```

PREP_YN	69- 69
WIC_YN	70- 70
D1_TV	71- 72
D2_TV	73- 74
SALT_TYP	75- 75
SALT_FRQ	76- 76
DT01	77- 77
DT01_SRC	78- 79
DT02	80- 80
DT02_SRC	81- 82
DT03	83- 83
DT03_SRC	84- 85
DT06	86- 86
DT06_SRC	87- 88
DT07	89- 89
DT07_SRC	90- 91
VT_FREQ	92- 92
HGT_SP	93- 94
WGT_SP	95- 97
BMI_SP	98-102 .2
HEALTH	103-103
DOCTOR1	104-104
DOCTOR2	105-105
DOCTOR3	106-106
DOCTOR4	107-107
DOCTOR5	108-108
DOCTOR6	109-109
DOCTOR7	110-110
EXERCISE	111-111
SMK_100	112-112
SMK_NOW	113-113
WT_DHK_B	114-121
WT_DHK_A	122-129
K_PHONE	130-130
K_LANG	131-131
KQ1_A	132-133
KQ1_B	134-135
KQ1_C	136-137
KQ1_D	138-139
KQ1_E	140-141
KQ2_A	142-142
KQ2_B	143-143
KQ2_C	144-144
KQ2_D	145-145
KQ2_E	146-146
KQ2_F	147-147
KQ2_G	148-148
KQ3_A	149-149
KQ3_B	150-150
KQ3_C	151-151
KQ3_D	152-152
KQ3_E	153-153
KQ3_F	154-154
KQ3_G	155-155
KQ3_H	156-156
KQ3_I	157-157
KQ3_J	158-158

KQ3_K	159-159
KQ4_A	160-160
KQ4_B	161-161
KQ4_C	162-162
KQ4_D	163-163
KQ4_E	164-164
KQ4_F	165-165
KQ4_G	166-166
KQ4_H	167-167
KQ4_I	168-168
KQ4_J	169-169
KQ4_K	170-170
KQ5_A	171-171
KQ6_A_NS	172-172
KQ6_A_01	173-173
KQ6_A_02	174-174
KQ6_A_03	175-175
KQ6_A_04	176-176
KQ6_A_05	177-177
KQ6_A_06	178-178
KQ6_A_07	179-179
KQ6_A_08	180-180
KQ6_A_09	181-181
KQ6_A_10	182-182
KQ6_A_11	183-183
KQ6_A_12	184-184
KQ6_A_13	185-185
KQ6_A_14	186-186
KQ6_A_15	187-187
KQ6_A_16	188-188
KQ6_A_17	189-189
KQ5_B	190-190
KQ6_B_NS	191-191
KQ6_B_01	192-192
KQ6_B_02	193-193
KQ6_B_03	194-194
KQ6_B_04	195-195
KQ6_B_05	196-196
KQ6_B_06	197-197
KQ6_B_07	198-198
KQ6_B_08	199-199
KQ6_B_09	200-200
KQ6_B_10	201-201
KQ6_B_11	202-202
KQ6_B_12	203-203
KQ6_B_13	204-204
KQ6_B_14	205-205
KQ6_B_15	206-206
KQ6_B_16	207-207
KQ6_B_17	208-208
KQ5_C	209-209
KQ6_C_NS	210-210
KQ6_C_01	211-211
KQ6_C_02	212-212
KQ6_C_03	213-213
KQ6_C_04	214-214
KQ6_C_05	215-215

KQ6_C_06	216-216
KQ6_C_07	217-217
KQ6_C_08	218-218
KQ6_C_09	219-219
KQ6_C_10	220-220
KQ6_C_11	221-221
KQ6_C_12	222-222
KQ6_C_13	223-223
KQ6_C_14	224-224
KQ6_C_15	225-225
KQ6_C_16	226-226
KQ6_C_17	227-227
KQ5_D	228-228
KQ6_D_NS	229-229
KQ6_D_01	230-230
KQ6_D_02	231-231
KQ6_D_03	232-232
KQ6_D_04	233-233
KQ6_D_05	234-234
KQ6_D_06	235-235
KQ6_D_07	236-236
KQ6_D_08	237-237
KQ6_D_09	238-238
KQ6_D_10	239-239
KQ6_D_11	240-240
KQ6_D_12	241-241
KQ6_D_13	242-242
KQ6_D_14	243-243
KQ6_D_15	244-244
KQ6_D_16	245-245
KQ6_D_17	246-246
KQ5_E	247-247
KQ6_E_NS	248-248
KQ6_E_01	249-249
KQ6_E_02	250-250
KQ6_E_03	251-251
KQ6_E_04	252-252
KQ6_E_05	253-253
KQ6_E_06	254-254
KQ6_E_07	255-255
KQ6_E_08	256-256
KQ6_E_09	257-257
KQ6_E_10	258-258
KQ6_E_11	259-259
KQ6_E_12	260-260
KQ6_E_13	261-261
KQ6_E_14	262-262
KQ6_E_15	263-263
KQ6_E_16	264-264
KQ6_E_17	265-265
KQ5_F	266-266
KQ6_F_NS	267-267
KQ6_F_01	268-268
KQ6_F_02	269-269
KQ6_F_03	270-270
KQ6_F_04	271-271
KQ6_F_05	272-272

KQ6_F_06	273-273
KQ6_F_07	274-274
KQ6_F_08	275-275
KQ6_F_09	276-276
KQ6_F_10	277-277
KQ6_F_11	278-278
KQ6_F_12	279-279
KQ6_F_13	280-280
KQ6_F_14	281-281
KQ6_F_15	282-282
KQ6_F_16	283-283
KQ6_F_17	284-284
KQ5_G	285-285
KQ6_G_NS	286-286
KQ6_G_01	287-287
KQ6_G_02	288-288
KQ6_G_03	289-289
KQ6_G_04	290-290
KQ6_G_05	291-291
KQ6_G_06	292-292
KQ6_G_07	293-293
KQ6_G_08	294-294
KQ6_G_09	295-295
KQ6_G_10	296-296
KQ6_G_11	297-297
KQ6_G_12	298-298
KQ6_G_13	299-299
KQ6_G_14	300-300
KQ6_G_15	301-301
KQ6_G_16	302-302
KQ6_G_17	303-303
KQ7	304-304
KQ8_A	305-305
KQ8_B	306-306
KQ8_C	307-307
KQ8_D	308-308
KQ9_A	309-309
KQ9_B	310-310
KQ9_C	311-311
KQ9_D	312-312
KQ9_E	313-313
KQ9_F	314-314
KQ10	315-315
KQ11	316-316
KQ12	317-317
KQ13	318-318
KQ14	319-319
KQ15_A	320-320
KQ15_B	321-321
KQ15_C	322-322
KQ15_D	323-323
KQ15_E	324-324
KQ15_F	325-325
KQ16_A	326-326
KQ16_B	327-327
KQ16_C	328-328
KQ16_D	329-329

KQ16_E	330-330
KQ16_NVR	331-331
KQ17_A	332-332
KQ17_B	333-333
KQ17_C	334-334
KQ17_D	335-335
KQ17_E	336-336
KQ17_F	337-337
KQ17_G	338-338
KQ17_H	339-339
KQ18_A	340-340
KQ18_B	341-341
KQ18_C	342-342
KQ18_D	343-343
KQ18_E	344-344
KQ18_F	345-345
KQ18_G	346-346
KQ18_H	347-347
KQ18_I	348-348
KQ18_J	349-349
KQ19_A	350-350
KQ19_B	351-351
KQ19_C	352-352
KQ19_D	353-353
KQ19_E	354-354
KQ19_F	355-355
KQ19_G	356-356
KQ20_A	357-357
KQ20_B	358-358
KQ20_C	359-359
KQ20_D	360-360
KQ20_E	361-361
KQ20_F	362-362
KQ21_A	363-363
KQ21_B	364-364
KQ21_C	365-365
KQ22_A	366-366
KQ22_B	367-367
KQ22_C	368-368
KQ22_D	369-369
KQ22_E	370-370
KQ23_A	371-371
KQ23_B	372-372
KQ23_C	373-373
KQ23_D	374-374
KQ23_E	375-375
KQ23_F	376-376
KQ23_G	377-377
KQ23_H	378-378
KQ23_I	379-379
KQ23_J	380-380
KQ24_A	381-381
KQ24_B	382-382
KQ24_C	383-383
KQ24_D	384-384
KQ24_E	385-385
KQ25_A	386-386

KQ25_B	387-387
KQ25_C	388-388
KQ26_A	389-389
KQ26_B	390-390
KQ26_C	391-391
KQ26_D	392-392
KQ26_E	393-393
KQ26_F	394-394
KQ26_G	395-395
KQ27	396-396
KQ28	397-397
KQ29	398-398
KQ30	399-399
KQ31	400-400
KQ32	401-401
KQ33_A	402-402
KQ33_B	403-403
KQ34	404-404
KQ35	405-405
KQ36	406-406
KQ37	407-407
KQ38	408-408
KQ39	409-409
KQ40	410-410
KQ41	411-411
KQ42	412-412
YEAR	413-416
WTA_DHK	417-424
WTA_DHK2	425-432;

label

RT	= "Record type"
HHID	= "Household ID"
SPNUM	= "Sample person number"
LINELET	= "Line letter for HH members"
VARSTRAT	= "Variance-estimation stratum"
VARUNIT	= "Variance-estimation unit"
REGION	= "Region"
URB	= "Urbanization"
HHSIZE	= "Household size"
INCOME	= "Annual income: total"
INCREP	= "Annual income: actual report"
INCCODE	= "Annual income: category"
PCTPOV	= "Annual income: percent of poverty"
POVCAT	= "Annual income: % of poverty category"
IMPFLAG	= "Annual income: imputation flag"
FS_RCV12	= "Food stamps: in last 12 months"
AGE	= "Age in years"
SEX	= "Sex"
REL_REF	= "Relationship to reference person"
RACE	= "Race"
ORIGIN	= "Hispanic origin"
HEAD_HH	= "Head of household"
PL_STAT	= "Pregnant/lactating status"
FS_AUTH	= "Food stamps: authorized"
COMP_D1	= "Day 1 flag"
COMP_D2	= "Day 2 flag"

COMP_DHK = "DHKS flag"
 WT3_DHK = "Final 3-year DHKS weight"
 WT3_DHK2 = "Final 3-year DHKS (2-day) weight"
 GRADE = "Highest grade completed"
 EMP_STAT = "Employment status"
 PLAN_YN = "Meal planner: yes or no"
 SHOP_YN = "Food shopper: yes or no"
 PREP_YN = "Food preparer: yes or no"
 WIC_YN = "WIC: receiving benefits"
 D1_TV = "Day 1: Hours of TV / video (day 1)"
 D2_TV = "Day 2: Hours of TV / video"
 SALT_TYP = "Salt type"
 SALT_FRQ = "Salt frequency"
 DT01 = "Diet: low cal: yes or no"
 DT01_SRC = "Diet: low cal: source"
 DT02 = "Diet: low fat: yes or no"
 DT02_SRC = "Diet: low fat: source"
 DT03 = "Diet: low salt: yes or no"
 DT03_SRC = "Diet: low salt: source"
 DT06 = "Diet: high fiber: yes or no"
 DT06_SRC = "Diet: high fiber: source"
 DT07 = "Diet: diabetic: yes or no"
 DT07_SRC = "Diet: diabetic: source"
 VT_FREQ = "Vit sup: frequency"
 HGT_SP = "Height of SP"
 WGT_SP = "Weight of SP"
 BMI_SP = "Body mass index"
 HEALTH = "Health status"
 DOCTOR1 = "Doctor told: diabetes"
 DOCTOR2 = "Doctor told: high blood pressure"
 DOCTOR3 = "Doctor told: heart disease"
 DOCTOR4 = "Doctor told: cancer"
 DOCTOR5 = "Doctor told: osteoporosis"
 DOCTOR6 = "Doctor told: high blood cholesterol"
 DOCTOR7 = "Doctor told: stroke"
 EXERCISE = "Exercise frequency"
 SMK_100 = "Smoke: 100 cigarettes"
 SMK_NOW = "Smoke: now"
 WT_DHK_B = "Base weight"
 WT_DHK_A = "Adjusted base weight"
 K_PHONE = "DHKS: mode of interview"
 K_LANG = "Language type of DHKS quex"
 KQ1_A = "K1a: # of servings: fruit"
 KQ1_B = "K1b: # of servings: vegetable"
 KQ1_C = "K1c: # of servings: dairy"
 KQ1_D = "K1d: # of servings: grain "
 KQ1_E = "K1e: # of servings: meat, beans, eggs "
 KQ2_A = "K2a: choosing a healthy diet"
 KQ2_B = "K2b: variety of foods"
 KQ2_C = "K2c: some born fat / some born thin"
 KQ2_D = "K2d: starchy foods -> fat"
 KQ2_E = "K2e: hard to know what to believe"
 KQ2_F = "K2f: what you eat -> chance of disease "
 KQ2_G = "K2g: no reason to change "
 KQ3_A = "How does diet compare: calories "
 KQ3_B = "How does diet compare: calcium "
 KQ3_C = "How does diet compare: iron "

KQ3_D = "How does diet compare: vitamin C"
 KQ3_E = "How does diet compare: protein"
 KQ3_F = "How does diet compare: fat"
 KQ3_G = "How does diet compare: saturated fat"
 KQ3_H = "How does diet compare: cholesterol"
 KQ3_I = "How does diet compare: salt or sodium"
 KQ3_J = "How does diet compare: fiber"
 KQ3_K = "How does diet compare: sugar / sweets"
 KQ4_A = "Importance: salt in moderation"
 KQ4_B = "Importance: low in saturated fat "
 KQ4_C = "Importance: fruits and vegetables"
 KQ4_D = "Importance: sugars in moderation"
 KQ4_E = "Importance: adequate fiber"
 KQ4_F = "Importance: variety of foods"
 KQ4_G = "Importance: healthy weight"
 KQ4_H = "Importance: low in fat"
 KQ4_I = "Importance: low in cholesterol"
 KQ4_J = "Importance: grain products"
 KQ4_K = "Importance: dairy products"
 KQ5_A = "Aware of problems: fat"
 KQ6_A_NS = "Fat: problems not specified"
 KQ6_A_01 = "Fat: heart / arteries"
 KQ6_A_02 = "Fat: arthritis"
 KQ6_A_03 = "Fat: bone problems"
 KQ6_A_04 = "Fat: breathing problems"
 KQ6_A_05 = "Fat: cancer"
 KQ6_A_06 = "Fat: digestive problems"
 KQ6_A_07 = "Fat: tooth problems"
 KQ6_A_08 = "Fat: diabetes"
 KQ6_A_09 = "Fat: edema"
 KQ6_A_10 = "Fat: fatigue"
 KQ6_A_11 = "Fat: high blood cholesterol"
 KQ6_A_12 = "Fat: high blood pressure"
 KQ6_A_13 = "Fat: hyperactivity"
 KQ6_A_14 = "Fat: kidney disease"
 KQ6_A_15 = "Fat: overweight"
 KQ6_A_16 = "Fat: stroke"
 KQ6_A_17 = "Fat: other"
 KQ5_B = "Aware of problems: fiber"
 KQ6_B_NS = "Fiber: problems not specified"
 KQ6_B_01 = "Fiber: heart / arteries"
 KQ6_B_02 = "Fiber: arthritis"
 KQ6_B_03 = "Fiber: bone problems"
 KQ6_B_04 = "Fiber: breathing problems"
 KQ6_B_05 = "Fiber: cancer"
 KQ6_B_06 = "Fiber: digestive problems"
 KQ6_B_07 = "Fiber: tooth problems"
 KQ6_B_08 = "Fiber: diabetes"
 KQ6_B_09 = "Fiber: edema"
 KQ6_B_10 = "Fiber: fatigue"
 KQ6_B_11 = "Fiber: high blood cholesterol"
 KQ6_B_12 = "Fiber: high blood pressure"
 KQ6_B_13 = "Fiber: hyperactivity"
 KQ6_B_14 = "Fiber: kidney disease"
 KQ6_B_15 = "Fiber: overweight"
 KQ6_B_16 = "Fiber: stroke"
 KQ6_B_17 = "Fiber: other"

KQ5_C = "Aware of problems: salt"
 KQ6_C_NS = "Salt: problems not specified"
 KQ6_C_01 = "Salt: heart / arteries"
 KQ6_C_02 = "Salt: arthritis"
 KQ6_C_03 = "Salt: bone problems"
 KQ6_C_04 = "Salt: breathing problems"
 KQ6_C_05 = "Salt: cancer"
 KQ6_C_06 = "Salt: digestive problems"
 KQ6_C_07 = "Salt: tooth problems"
 KQ6_C_08 = "Salt: diabetes"
 KQ6_C_09 = "Salt: edema"
 KQ6_C_10 = "Salt: fatigue"
 KQ6_C_11 = "Salt: high blood cholesterol"
 KQ6_C_12 = "Salt: high blood pressure"
 KQ6_C_13 = "Salt: hyperactivity"
 KQ6_C_14 = "Salt: kidney disease"
 KQ6_C_15 = "Salt: overweight"
 KQ6_C_16 = "Salt: stroke"
 KQ6_C_17 = "Salt: other"
 KQ5_D = "Aware of problems: calcium"
 KQ6_D_NS = "Calcium: problems not specified"
 KQ6_D_01 = "Calcium: heart / arteries"
 KQ6_D_02 = "Calcium: arthritis"
 KQ6_D_03 = "Calcium: bone problems"
 KQ6_D_04 = "Calcium: breathing problems"
 KQ6_D_05 = "Calcium: cancer"
 KQ6_D_06 = "Calcium: digestive problems"
 KQ6_D_07 = "Calcium: tooth problems"
 KQ6_D_08 = "Calcium: diabetes"
 KQ6_D_09 = "Calcium: edema"
 KQ6_D_10 = "Calcium: fatigue"
 KQ6_D_11 = "Calcium: high blood cholesterol"
 KQ6_D_12 = "Calcium: high blood pressure"
 KQ6_D_13 = "Calcium: hyperactivity"
 KQ6_D_14 = "Calcium: kidney disease"
 KQ6_D_15 = "Calcium: overweight"
 KQ6_D_16 = "Calcium: stroke"
 KQ6_D_17 = "Calcium: other"
 KQ5_E = "Aware of problems: cholesterol"
 KQ6_E_NS = "Cholesterol: problems not specified"
 KQ6_E_01 = "Cholesterol: heart / arteries"
 KQ6_E_02 = "Cholesterol: arthritis"
 KQ6_E_03 = "Cholesterol: bone problems"
 KQ6_E_04 = "Cholesterol: breathing problems"
 KQ6_E_05 = "Cholesterol: cancer"
 KQ6_E_06 = "Cholesterol: digestive problems"
 KQ6_E_07 = "Cholesterol: tooth problems"
 KQ6_E_08 = "Cholesterol: diabetes"
 KQ6_E_09 = "Cholesterol: edema"
 KQ6_E_10 = "Cholesterol: fatigue"
 KQ6_E_11 = "Cholesterol: high blood cholesterol"
 KQ6_E_12 = "Cholesterol: high blood pressure"
 KQ6_E_13 = "Cholesterol: hyperactivity"
 KQ6_E_14 = "Cholesterol: kidney disease"
 KQ6_E_15 = "Cholesterol: overweight"
 KQ6_E_16 = "Cholesterol: stroke"
 KQ6_E_17 = "Cholesterol: other"

KQ5_F = "Aware of problems: sugar"
 KQ6_F_NS = "Sugar: problems not specified"
 KQ6_F_01 = "Sugar: heart / arteries"
 KQ6_F_02 = "Sugar: arthritis"
 KQ6_F_03 = "Sugar: bone problems"
 KQ6_F_04 = "Sugar: breathing problems"
 KQ6_F_05 = "Sugar: cancer"
 KQ6_F_06 = "Sugar: digestive problems"
 KQ6_F_07 = "Sugar: tooth problems"
 KQ6_F_08 = "Sugar: diabetes"
 KQ6_F_09 = "Sugar: edema"
 KQ6_F_10 = "Sugar: fatigue"
 KQ6_F_11 = "Sugar: high blood cholesterol"
 KQ6_F_12 = "Sugar: high blood pressure"
 KQ6_F_13 = "Sugar: hyperactivity"
 KQ6_F_14 = "Sugar: kidney disease"
 KQ6_F_15 = "Sugar: overweight"
 KQ6_F_16 = "Sugar: stroke"
 KQ6_F_17 = "Sugar: other"
 KQ5_G = "Aware of problems: overweight"
 KQ6_G_NS = "Overweight: problems not specified"
 KQ6_G_01 = "Overweight: heart / arteries"
 KQ6_G_02 = "Overweight: arthritis"
 KQ6_G_03 = "Overweight: bone problems"
 KQ6_G_04 = "Overweight: breathing problems"
 KQ6_G_05 = "Overweight: cancer"
 KQ6_G_06 = "Overweight: digestive problems"
 KQ6_G_07 = "Overweight: tooth problems"
 KQ6_G_08 = "Overweight: diabetes"
 KQ6_G_09 = "Overweight: edema"
 KQ6_G_10 = "Overweight: fatigue"
 KQ6_G_11 = "Overweight: high blood cholesterol"
 KQ6_G_12 = "Overweight: high blood pressure"
 KQ6_G_13 = "Overweight: hyperactivity"
 KQ6_G_14 = "Overweight: kidney disease"
 KQ6_G_15 = "Overweight: overweight"
 KQ6_G_16 = "Overweight: stroke"
 KQ6_G_17 = "Overweight: other"
 KQ7 = "Self-reported weight status"
 KQ8_A = "More sat. fat?: liver/t-bone"
 KQ8_B = "More sat. fat?: butter/margarine"
 KQ8_C = "More sat. fat?: egg white yolk"
 KQ8_D = "More sat. fat?: skim/whole milk"
 KQ9_A = "More fat?: hamburger/ground round"
 KQ9_B = "More fat?: pork chops/spare ribs"
 KQ9_C = "More fat?: Hot dogs/ham"
 KQ9_D = "More fat?: peanuts/popcorn"
 KQ9_E = "More fat?: yogurt/sour cream"
 KQ9_F = "More fat?: porterhouse/round"
 KQ10 = "Liquid or solid fat"
 KQ11 = "No cholesterol ->"
 KQ12 = "Is cholesterol found in"
 KQ13 = "Only vegetable oil ->"
 KQ14 = "'Light' means"
 KQ15_A = "Importance: how safe is food"
 KQ15_B = "Importance: nutrition"
 KQ15_C = "Importance: price"

KQ15_D = "Importance: how well the food keeps"
 KQ15_E = "Importance: how easy to prepare"
 KQ15_F = "Importance: taste"
 KQ16_A = "Do you use: list of ingredients"
 KQ16_B = "Do you use: short phrases"
 KQ16_C = "Do you use: nutrition panel"
 KQ16_D = "Do you use: serving size"
 KQ16_E = "Do you use: health benefits"
 KQ16_NVR = "K16: never / never seen"
 KQ17_A = "Look for on label: calories"
 KQ17_B = "Look for on label: salt or sodium"
 KQ17_C = "Look for on label: total fat"
 KQ17_D = "Look for on label: saturated fat"
 KQ17_E = "Look for on label: cholesterol"
 KQ17_F = "Look for on label: vitamins/minerals"
 KQ17_G = "Look for on label: fiber"
 KQ17_H = "Look for on label: sugars"
 KQ18_A = "Look for on: dessert items"
 KQ18_B = "Look for on: snack items"
 KQ18_C = "Look for on: frozen dinners"
 KQ18_D = "Look for on: breakfast cereals"
 KQ18_E = "Look for on: cheese"
 KQ18_F = "Look for on: fresh fruits/vegetables"
 KQ18_G = "Look for on: salad dressings"
 KQ18_H = "Look for on: table spreads"
 KQ18_I = "Look for on: raw meat"
 KQ18_J = "Look for on: processed meat"
 KQ19_A = "Understood: list of ingredients"
 KQ19_B = "Understood: short phrase"
 KQ19_C = "Understood: calories in serving"
 KQ19_D = "Understood: calories from fat"
 KQ19_E = "Understood: nutrients"
 KQ19_F = "Understood: daily value"
 KQ19_G = "Understood: descriptions like \"lean\""
 KQ20_A = "How confident: low-fat"
 KQ20_B = "How confident: low-cholesterol"
 KQ20_C = "How confident: good source of fiber "
 KQ20_D = "How confident: light"
 KQ20_E = "How confident: healthy"
 KQ20_F = "How confident: extra lean"
 KQ21_A = "Does govt define: low-cholesterol"
 KQ21_B = "Does govt define: light"
 KQ21_C = "Does govt define: extra lean"
 KQ22_A = "High or low: 100mg sodium"
 KQ22_B = "High or low: 20g fat"
 KQ22_C = "High or low: 15mg cholesterol"
 KQ22_D = "High or low: 5g fiber"
 KQ22_E = "High or low: 10g saturated fat"
 KQ23_A = "Labels: nutrient info is useful"
 KQ23_B = "Labels: confident in use"
 KQ23_C = "Labels: nutrient info hard to interpret "
 KQ23_D = "Labels: reading takes too much time "
 KQ23_E = "Labels: read because health is important"
 KQ23_F = "Labels: would like to learn more"
 KQ23_G = "Labels: reading -> easier to choose"
 KQ23_H = "Labels: sometimes try new foods"
 KQ23_I = "Labels: use -> better choices"

```

KQ23_J = "Labels: using is better than not using "
KQ24_A = "Labels: confident of use "
KQ24_B = "Labels: nutrition info hard to interpret"
KQ24_C = "Labels: reading takes too much time"
KQ24_D = "Labels: would like to learn more"
KQ24_E = "Labels: use -> better food choices"
KQ25_A = "Does govt define: low-cholesterol"
KQ25_B = "Does govt define: light"
KQ25_C = "Does govt define: extra lean"
KQ26_A = "Eat/use: lower-fat luncheon meats"
KQ26_B = "Eat/use: skim or 1% milk"
KQ26_C = "Eat/use:low-fat cheese"
KQ26_D = "Eat/use:ice milk, frozen yogurt, ..."
KQ26_E = "Eat/use: low-cal salad dressing"
KQ26_F = "Eat/use: fruit for dessert"
KQ26_G = "Eat/use: fish or poultry instead of meat"
KQ27 = "Add fat to boiled/baked potatoes"
KQ28 = "Add fat to other cooked vegetables"
KQ29 = "Eat vegetables with creamy sauces."
KQ30 = "Eat fried chicken"
KQ31 = "Eat chicken with skin removed"
KQ32 = "Amount of table fat on breads/muffins"
KQ33_A = "Eat: bakery products like cakes, ..."
KQ33_B = "Eat: chips"
KQ34 = "Eat meat at main meals"
KQ35 = "Portion size of meat"
KQ36 = "Trim the fat on meat"
KQ37 = "How many eggs a week"
KQ38 = "Wash fruits and vegetables"
KQ39 = "Eat the peel of fresh fruit"
KQ40 = "Eat the peel of fresh vegetables"
KQ41 = "Eat the outer leaves of vegetables"
KQ42 = "Most responsible for meals"
YEAR = "Year of survey"
WTA_DHK = "Final annual DHKS weight"
WTA_DHK2 = "Final annual DHKS (2-day) weight"
;

```

```

*****
*
* Conversion of missing values. The following
* section converts missing values for selected
* numeric variables to special SAS missing values.
* These particular conversions do not have to be
* used but numeric variables which are to treated
* as continuous will have to be converted in some
* manner if means, variances, etc. are to be
* computed. The following conventions are
* followed: .R = "Refused", .D = "Don't know",
* .N = Not ascertained and .O = "Other types".
* Of course numeric variables that were read in as
* blanks, meaning "not applicable", were
* automatically assigned the standard missing
* value represented by a single . (dot).
*
*****;

```

```

/*

array x1 D1_TV D2_TV KQ1_A KQ1_B KQ1_C KQ1_D KQ1_E;

do i = 1 to dim(x1);
  if (x1{i} eq 98) then
    x1{i} = .D;
  else if (x1{i} eq 99) then
    x1{i} = .N;
end;

array x2 KQ2_A KQ2_B KQ2_C KQ2_D KQ2_E KQ2_F KQ2_G KQ4_A KQ4_B
        KQ4_C KQ4_D KQ4_E KQ4_F KQ4_G KQ4_H KQ4_I KQ4_J KQ4_K
        KQ15_A KQ15_B KQ15_C KQ15_D KQ15_E KQ15_F KQ20_A
        KQ20_B KQ20_C KQ20_D KQ20_E KQ20_F;

do i = 1 to dim(x2);
  if (x2{i} eq 8) then
    x2{i} = .D;
  else if (x2{i} eq 9) then
    x2{i} = .N;
end;

array x3 HGT_SP;

do i = 1 to dim(x3);
  if (x3{i} eq 97) then
    x3{i} = .R;
  else if (x3{i} eq 98) then
    x3{i} = .D;
  else if (x3{i} eq 99) then
    x3{i} = .N;
end;

array x4 WGT_SP;

do i = 1 to dim(x4);
  if (x4{i} eq 997) then
    x4{i} = .R;
  else if (x4{i} eq 998) then
    x4{i} = .D;
  else if (x4{i} eq 999) then
    x4{i} = .N;
end;

array x5 BMI_SP;

do i = 1 to dim(x5);
  if (x5{i} eq 99.99) then
    x5{i} = .O;
end;

*/

*****
*
* Formats.
*

```

```

*
* These PROC FORMAT statements provide labels for
* the values of many of the variables included in
* this record type. Like the variable labels
* provided above with the LABEL statement, these
* value labels are based on the information
* contained in the file formats but are not
* necessarily complete. Refer to the file formats
* for a complete description of the values.
*
* Unique value statements are not made for each
* variable since many variables share the same set
* of possible values. The following FORMAT
* statement provides the appropriate format names.
*
* format region region.
*     urb urb.
*     increp increp.
*     inccode $inccode.
*     povcat povcat.
*     impflag impflag.
*     fs_rcv12 yn789f.
*     age age.
*     sex sex.
*     rel_ref rel_ref.
*     race race.
*     origin origin.
*     head_hh yn9f.
*     pl_stat pl_stat.
*     fs_auth yn789f.
*     comp_d1 comp_d2 comp_dhk yn.
*     grade grade.
*     emp_stat emp_stat.
*     plan_yn shop_yn prep_yn yn89f.
*     wic_yn yn89f.
*     d1_tv d2_tv d1_tv.
*     salt_typ salt_typ.
*     salt_frq salt_frq.
*     dt01 dt02 dt03 dt06 dt07 yn89f.
*     dt01_src dt02_src dt03_src dt06_src
*     dt07_src dt01_src.
*     vt_freq vt_freq.
*     hgt_sp ms7892f.
*     wgt_sp ms7893f.
*     health health.
*     doctor1 doctor2 doctor3 doctor4 doctor5 doctor6
*     doctor7 yn89f.
*     exercise exercise.
*     smk_100 yn789f.
*     smk_now yn789f.
*     k_phone k_phone.
*     k_lang k_lang.
*     kq1_a kq1_b kq1_c kq1_d kq1_e ms892f.
*     kq2_a kq2_b kq2_c kq2_d kq2_e kq2_f kq2_g kq2_a.
*     kq3_a kq3_b kq3_c kq3_d kq3_e kq3_f kq3_g kq3_h
*     kq3_i kq3_j kq3_k kq3_a.
*     kq4_a kq4_b kq4_c kq4_d kq4_e kq4_f kq4_g kq4_h

```

* kq4_i kq4_j kq4_k kq4_a. *
 * kq5_a kq5_b kq5_c kq5_d kq5_e kq5_f kq5_g yn89f. *
 * kq6_a_ns kq6_a_01 kq6_a_02 kq6_a_03 kq6_a_04 *
 * kq6_a_05 kq6_a_06 kq6_a_07 kq6_a_08 kq6_a_09 *
 * kq6_a_10 kq6_a_11 kq6_a_12 kq6_a_13 kq6_a_14 *
 * kq6_a_15 kq6_a_16 kq6_a_17 kq6_b_ns kq6_b_01 *
 * kq6_b_02 kq6_b_03 kq6_b_04 kq6_b_05 kq6_b_06 *
 * kq6_b_07 kq6_b_08 kq6_b_09 kq6_b_10 kq6_b_11 *
 * kq6_b_12 kq6_b_13 kq6_b_14 kq6_b_15 kq6_b_16 *
 * kq6_b_17 kq6_c_ns kq6_c_01 kq6_c_02 kq6_c_03 *
 * kq6_c_04 kq6_c_05 kq6_c_06 kq6_c_07 kq6_c_08 *
 * kq6_c_09 kq6_c_10 kq6_c_11 kq6_c_12 kq6_c_13 *
 * kq6_c_14 kq6_c_15 kq6_c_16 kq6_c_17 kq6_d_ns *
 * kq6_d_01 kq6_d_02 kq6_d_03 kq6_d_04 kq6_d_05 *
 * kq6_d_06 kq6_d_07 kq6_d_08 kq6_d_09 kq6_d_10 *
 * kq6_d_11 kq6_d_12 kq6_d_13 kq6_d_14 kq6_d_15 *
 * kq6_d_16 kq6_d_17 kq6_e_ns kq6_e_01 kq6_e_02 *
 * kq6_e_03 kq6_e_04 kq6_e_05 kq6_e_06 kq6_e_07 *
 * kq6_e_08 kq6_e_09 kq6_e_10 kq6_e_11 kq6_e_12 *
 * kq6_e_13 kq6_e_14 kq6_e_15 kq6_e_16 kq6_e_17 *
 * kq6_f_ns kq6_f_01 kq6_f_02 kq6_f_03 kq6_f_04 *
 * kq6_f_05 kq6_f_06 kq6_f_07 kq6_f_08 kq6_f_09 *
 * kq6_f_10 kq6_f_11 kq6_f_12 kq6_f_13 kq6_f_14 *
 * kq6_f_15 kq6_f_16 kq6_f_17 kq6_g_ns kq6_g_01 *
 * kq6_g_02 kq6_g_03 kq6_g_04 kq6_g_05 kq6_g_06 *
 * kq6_g_07 kq6_g_08 kq6_g_09 kq6_g_10 kq6_g_11 *
 * kq6_g_12 kq6_g_13 kq6_g_14 kq6_g_15 kq6_g_16 *
 * kq6_g_17 yn. *
 * kq7 kq7f. *
 * kq8_a kq8_a. *
 * kq8_b kq8_b. *
 * kq8_c kq8_c. *
 * kq8_d kq8_d. *
 * kq9_a kq9_a. *
 * kq9_b kq9_b. *
 * kq9_c kq9_c. *
 * kq9_d kq9_d. *
 * kq9_e kq9_e. *
 * kq9_f kq9_f. *
 * kq10 kq10f. *
 * kq11 kq11f. *
 * kq12 kq12f. *
 * kq13 kq13f. *
 * kq14 kq14f. *
 * kq15_a kq15_b kq15_c kq15_d kq15_e kq15_f kq15_a. *
 * kq16_a kq16_b kq16_c kq16_d kq16_e kq16_a. *
 * kq16_nvr yn. *
 * kq17_a kq17_b kq17_c kq17_d kq17_e kq17_f kq17_g *
 * kq17_h kq17_a. *
 * kq18_a kq18_b kq18_c kq18_d kq18_e kq18_f kq18_g *
 * kq18_h kq18_i *
 * kq18_j kq18_a. *
 * kq19_a kq19_b kq19_c kq19_d kq19_e kq19_f *
 * kq19_g kq19_a. *
 * kq20_a kq20_b kq20_c kq20_d kq20_e kq20_f kq20_a. *
 * kq21_a kq21_b kq21_c yn89f. *
 * kq22_a kq22_b kq22_c kq22_d kq22_e kq22_a. *

```

*      kq23_a kq23_b kq23_c kq23_d kq23_e kq23_f kq23_g      *
*      kq23_h kq23_i kq23_j kq23_a.                          *
*      kq24_a kq24_b kq24_c kq24_d kq24_e kq24_a.          *
*      kq25_a kq25_b kq25_c yn89f.                            *
*      kq26_a kq26_b kq26_c kq26_d kq26_e kq26_f           *
*      kq26_g kq26_a.                                          *
*      kq27 kq28 kq27f.                                        *
*      kq29 kq29f.                                            *
*      kq30 kq27f.                                            *
*      kq31 kq29f.                                            *
*      kq32 kq32f.                                            *
*      kq33_a kq33_b kq33_a.                                  *
*      kq34 kq34f.                                            *
*      kq35 kq35f.                                            *
*      kq36 kq34f.                                            *
*      kq37 kq37f.                                            *
*      kq38 kq27f.                                            *
*      kq39 kq40 kq29f.                                        *
*      kq41 kq41f.                                            *
*      kq42 yn89f.;                                           *
*
*****;

```

```
proc format library = library;
```

```

value yn
  1 = "Yes"
  2 = "No"
  ;

```

```

value yn9f
  1 = "Yes"
  2 = "No"
  9 = "Not ascertained"
  ;

```

```

value yn89f
  1 = "Yes"
  2 = "No"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value yn789f
  1 = "Yes"
  2 = "No"
  7 = "Refused"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

```

```

value ms892f
  .D, 98 = "Don't know"
  .N, 99 = "Not ascertained"
  ;

```

```

value ms7892f
  .R, 97 = "Refused"

```

```

.D, 98 = "Don't know"
.N, 99 = "Not ascertained"
    ;

value ms7893f
.R, 997 = "Refused"
.D, 998 = "Don't know"
.N, 999 = "Not ascertained"
    ;

value region
1 = "Northeast"
2 = "Midwest"
3 = "South"
4 = "West"
    ;

value urb
1 = "MSA, central city"
2 = "MSA, not central city"
3 = "Non-MSA"
    ;

value increp
1 = "Amount reported"
5 = "No HH interview"
6 = "Not HH last year"
7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
    ;

value $inccode
'A' = "Under 5000"
'B' = " 5000-9999"
'C' = "10000-14999"
'D' = "15000-19999"
'E' = "20000-24999"
'F' = "25000-29999"
'G' = "30000-34999"
'H' = "35000-39999"
'I' = "40000-44999"
'J' = "45000-49999"
'K' = "50000-59999"
'L' = "60000-74999"
'M' = "75000-99999"
'N' = "100000 + "
'7' = "Refused"
'8' = "Don't know"
'9' = "Not ascertained"
    ;

value povcat
1 = " 0 - 130%"
2 = "131 - 350%"
3 = " Over 350%"
    ;

```

```
value impflag
  1 = "Actual amount"
  2 = "Imputed, INCCODE"
  3 = "Imputed, monthly"
  4 = "Imputed, regression"
  5 = "Imputed, segment level mean"
  ;
```

```
value age
  0 = "Under 1 year old"
  90 = "90 or older"
  ;
```

```
value sex
  1 = "Male"
  2 = "Female"
  ;
```

```
value rel_ref
  0 = "Reference person"
  1 = "Spouse"
  2 = "Child"
  3 = "Grandchild"
  4 = "Parent"
  5 = "Sibling"
  6 = "Other relative"
  7 = "Foster child"
  8 = "Partner, ..."
  9 = "Roomer/boarder"
  10 = "Employee"
  11 = "Guest"
  12 = "Other unrelated"
  ;
```

```
value race
  1 = "White"
  2 = "Black"
  3 = "Asian, Pacific"
  4 = "Native American"
  5 = "Other"
  ;
```

```
value origin
  1 = "Mexican, ..."
  2 = "Puerto Rican"
  3 = "Cuban"
  4 = "Other Hispanic"
  5 = "Non-Hispanic"
  ;
```

```
value pl_stat
  1 = "Pregnant"
  2 = "Lactating"
  3 = "Pregnant and lactating"
  4 = "Not pregnant or lactating"
  5 = "Not female 10-55"
```

```

;

value grade
  0 = "Never attended"
  12 = "High school or GED"
  13 = "1 year of college"
  14 = "2 years of college"
  15 = "3 years of college"
  16 = "4 years of college"
  17 = "5+ years of college"
  93 = "Not asked question"
  96 = "Other"
  97 = "Refused"
  98 = "Don't know"
  99 = "Not ascertained"
;

value emp_stat
  1 = "Employed, full time"
  2 = "Employed, part time"
  3 = "Employed, not at work"
  4 = "Not employed"
  5 = "Age < 15"
  9 = "Indeterminable"
;

value dl_tv
  0 = "No TV/tapes watched"
  1 = "1 hour or less"
  .D, 98 = "Don't know"
  .N, 99 = "Not ascertained"
;

value salt_typ
  1 = "Ordinary salt"
  2 = "Seasoned salt"
  3 = "Lite salt"
  4 = "Salt substitute"
  5 = "None"
  8 = "Don't know"
  9 = "Not ascertained"
;

value salt_frq
  1 = "Always"
  2 = "Frequently"
  3 = "Sometimes"
  4 = "Rarely"
  8 = "Don't know"
  9 = "Not ascertained"
;

value dt01_src
  1 = "Organized program"
  2 = "Doctor/dietitian"
  3 = "Read/heard about"
  4 = "Made up"

```

```

96 = "Other"
98 = "Don't know"
99 = "Not ascertained"
;

value vt_freq
1 = "Every day"
2 = "Every so often"
3 = "Not at all"
8 = "Don't know"
9 = "Not ascertained"
;

value health
1 = "Excellent"
2 = "Very good"
3 = "Good"
4 = "Fair"
5 = "Poor"
8 = "Don't know"
9 = "Not ascertained"
;

value exercise
1 = "Daily"
2 = "5 - 6 times per week"
3 = "2 - 4 times per week"
4 = "Once a week"
5 = "1 - 3 times per month"
6 = "Rarely or never"
7 = "Question not asked"
8 = "Don't know"
9 = "Not ascertained"
;

value k_phone
1 = "In person"
2 = "Telephone"
;

value k_lang
1 = "English"
2 = "Spanish"
;

value kq2_a
1 = "Strongly disagree"
2 = "Somewhat disagree"
3 = "Somewhat agree"
4 = "Strongly agree"
.D, 8 = "Don't know"
.N, 9 = "Not ascertained"
;

value kq3_a
1 = "Too low"
2 = "Too high"

```

```

3 = "About right"
8 = "Don't know"
9 = "Not ascertained"
;

value kq4_a
1 = "Not at all important"
2 = "Not too important"
3 = "Somewhat important"
4 = "Very important"
.D, 8 = "Don't know"
.N, 9 = "Not ascertained "
;

value kq7f
1 = "Overweight"
2 = "Underweight"
3 = "About right"
8 = "Don't know"
9 = "Not ascertained"
;

value kq8_a
1 = "Liver"
2 = "T-bone steak"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq8_b
1 = "Butter"
2 = "Margarine"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq8_c
1 = "Egg white"
2 = "Egg yolk"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq8_d
1 = "Skim milk"
2 = "Whole milk"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq9_a
1 = "Regular hamburger"

```

```

2 = "Ground round"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq9_b
1 = "Loin pork chops"
2 = "Pork spare chops"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq9_c
1 = "Hot dogs"
2 = "Ham"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq9_d
1 = "Peanuts"
2 = "Popcorn"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq9_e
1 = "Yogurt"
2 = "Sour cream"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq9_f
1 = "Porterhouse steak"
2 = "Round steak"
3 = "The same"
8 = "Don't know"
9 = "Not ascertained"
;

value kq10f
1 = "Saturated fats"
2 = "Polyunsaturated fats"
3 = "Equally likely to be liquid"
8 = "Don't know"
9 = "Not ascertained"
;

value kq11f
1 = "Low in saturated fat"
2 = "High in saturated fats"

```

```

3 = "Could be either high or low"
8 = "Don't know"
9 = "Not ascertained"
;

value kq12f
1 = "Vegetables/vegetable oils"
2 = "Animal products"
3 = "All foods"
8 = "Don't know"
9 = "Not ascertained"
;

value kq13f
1 = "Low in saturated fat"
2 = "High in saturated fats"
3 = "Could be either high or low"
8 = "Don't know"
9 = "Not ascertained"
;

value kq14f
1 = "Lower in calories"
2 = "Lower in fat"
3 = "Calories and/or fat"
4 = "Something else"
8 = "Don't know"
9 = "Not ascertained"
;

value kq15_a
1 = "Not at all important"
2 = "Not too important"
3 = "Somewhat important"
4 = "Very important"
.D, 8 = "Don't know"
.N, 9 = "Not ascertained"
;

value kq16_a
1 = "Often (always)"
2 = "Sometimes"
3 = "Rarely"
4 = "Never"
5 = "Never seen"
8 = "Don't know"
9 = "Not ascertained"
;

value kq17_a
1 = "Often (always)"
2 = "Sometimes"
3 = "Rarely"
4 = "Never"
8 = "Don't know"
9 = "Not ascertained"
;

```

```

value kq18_a
  1 = "Often (always)"
  2 = "Sometimes"
  3 = "Rarely"
  4 = "Never"
  5 = "Never seen"
  6 = "Don't buy"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq19_a
  1 = "Very easy"
  2 = "Somewhat easy"
  3 = "Not too easy"
  4 = "Never seen"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq20_a
  1 = "Very confident"
  2 = "Somewhat confident"
  3 = "Not too confident"
  .D, 8 = "Don't know"
  .N, 9 = "Not ascertained"
  ;

value kq22_a
  1 = "Low"
  2 = "High"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq23_a
  1 = "Strongly disagree"
  2 = "Somewhat disagree"
  3 = "Somewhat agree"
  4 = "Strongly agree"
  5 = "No opinion"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq24_a
  1 = "Strongly disagree"
  2 = "Somewhat disagree"
  3 = "Somewhat agree"
  4 = "Strongly agree"
  5 = "No opinion"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq26_a

```

```

1 = "Always"
2 = "Sometimes"
3 = "Rarely"
4 = "Never"
5 = "Does not eat"
7 = "Refused"
8 = "Don't know"
9 = "Not ascertained"
;

value kq27f
1 = "Always"
2 = "Sometimes"
3 = "Rarely"
4 = "Never"
5 = "Does not eat"
8 = "Don't know"
9 = "Not ascertained"
;

value kq29f
1 = "Always (almost always)"
2 = "Sometimes"
3 = "Rarely"
4 = "Never"
8 = "Don't know"
9 = "Not ascertained"
;

value kq32f
1 = "None"
2 = "Light"
3 = "Moderate"
4 = "Generous"
8 = "Don't know"
9 = "Not ascertained"
;

value kq33_a
1 = "Less than once"
2 = "1 - 3 times"
3 = "4 - 6 times"
4 = "7 or more"
8 = "Don't know"
9 = "Not ascertained"
;

value kq34f
1 = "Less than once"
2 = "1 - 2 times"
3 = "3 - 4 times"
4 = "5 - 7 times"
5 = "Doesn't eat meat"
8 = "Don't know"
9 = "Not ascertained"
;

```

```
value kq35f
  1 = "Small"
  2 = "Medium"
  3 = "Large"
  5 = "Doesn't eat meat"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq37f
  1 = "Less than 1 a week"
  2 = "1 - 2 a week"
  3 = "3 - 4 a week"
  4 = "5 or more a week"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

value kq41f
  1 = "Yes"
  2 = "No"
  5 = "Don't eat"
  8 = "Don't know"
  9 = "Not ascertained"
  ;

run;
```

```

*****
*****
*
* sect_11.sas          section 10.5
*
* This program generates the listings provided in
* section 11, "control statistics". Simple procedure
* calls to the MEANS procedure are used. All records in
* each file are used and sampling weights are not applied.
* These listings may serve as a basis for comparison with
* the output generated from files created by the input in
* section 10.2.
*
* Note that 'N' refers to the number of non-missing values
* for a variable.
*
* Also note that the input files to this program were
* created by the input programs in section 10.2 WITHOUT
* the optional conversion of missing values to special SAS
* missing values.
*
*****;

options ls = 77 ps = 55;          /* ls = 128 will permit all of the */
                                  /* statistics to print on one page */
options nodate nonumber;

libname dir1 '\sas_file_directory'; /* directory for SAS files */

libname library '\format_directory'; /* format directory */

proc means n mean min max sum maxdec = 1
           data = dir1.rt15;
  title1 'Control statistics for household record type 15,';
  title2 'CSFII 1994-96, 1998, all records, unweighted';

proc means n mean min max sum maxdec = 1
           data = dir1.rt20;
  title1 'Control statistics for household member record type 20,';
  title2 'CSFII 1994-96, 1998, all records, unweighted';

proc means n mean min max sum maxdec = 1
           data = dir1.rt25;
  title1 'Control statistics for sample person record type 25,';
  title2 'CSFII 1994-96, 1998, all records, unweighted';

proc means n mean min max sum maxdec = 1
           data = dir1.rt30;
  title1 'Control statistics for food item record type 30,';
  title2 'CSFII 1994-96, 1998, all records, unweighted';

proc means n mean min max sum maxdec = 1
           data = dir1.rt35;
  title1 'Control statistics for food group record type 35,';
  title2 'CSFII 1994-96, 1998, all records, unweighted';

proc means n mean min max sum maxdec = 1

```

```
        data = dir1.rt40;
    title1 'Control statistics for nutrient record type 40,';
    title2 'CSFII 1994-96, 1998, all records, unweighted';

proc means n mean min max sum sum maxdec = 1
        data = dir1.rt50;
    title1 'Control statistics for DHKS record type 50,';
    title2 'DHKS 1994-96, all records, unweighted';

run;
```

11: CONTROL STATISTICS

This file contains descriptive statistics for the variables from the 1994-96, 1998 Continuing Survey of Food Intakes by Individuals (CSFII) and the 1994-96 Diet and Health Knowledge Survey (DHKS) data set. The SAS MEANS procedure was used to generate this listing which includes a count of records with non-missing values (N) for each variable in each record type, the unweighted mean of all values, and the minimum, maximum, and sum of each variable across all records. For record types 30, 35, and 40, the statistics were computed across all records regardless of the value of the day / average field (DAYCODE). The program used to generate this listing is provided in section 10 "Input Programs and Programming Examples."

These statistics are not population estimates. They are unweighted and were computed using all values of each variable including values such as '998' indicating a "don't know" response. They are provided only as a point of comparison with SAS files created by the input programs in section 10.

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
RT	Record type	12364	15.0
HHID	Household ID	12364	26121.3
VARSTRAT	Variance-estimation stratum	12364	16.7
VARUNIT	Variance-estimation unit	12364	1.5
REGION	Region	12364	2.6
URB	Urbanization	12364	1.9
HHSIZE	Household size	12364	3.4
INCOME	Annual income: total	12364	37630.3
INCREP	Annual income: actual report	12364	2.5
PCTPOV	Annual income: percent of poverty	12364	206.4
POVCAT	Annual income: % of poverty category	12364	2.0
IMPFLAG	Annual income: imputation flag	12364	1.4
FS_RCV12	Food stamps: in last 12 months	12364	1.9
COMP_HH	HH interview completion flag	12364	1.0
HH_LANG	Language type of HH quex	12302	1.0
CNT_D1	Count of day 1 SPs in HH	12364	1.8
CNT_D2	Count of day 2 SPs in HH	12364	1.7
DHK_HH	DHKS from HH	12364	1.5
SHP_FREQ	Major food shopping: frequency	12364	2.5
SHP_STOR	Major food shopping: kind of store	12183	3.4
SHP_GROC	Amount: grocery store: week/month	12364	349.0
SHP_GROU	Amount: unit for SHP_GROC	12147	1.5
SHP_NONF	Amount: nonfood: week/month	12356	241.3
SHP_NONU	Amount: unit for SHP_NONF	9936	1.5
SHP_SPEC	Amount: specialty stores: week/month	12364	191.4
SHP_SPEU	Amount: unit for SHP_SPEC	6097	1.6
SHP_FAST	Amount: fast food: week/month	12364	144.7
SHP_FASU	Amount: unit for SHP_FAST	8976	1.6
SHP_AWAY	Amount: away from home: week/month	12364	207.5
SHP_AWAU	Amount: unit for SHP_AWAY	10217	1.6
TENURE	Tenure	12364	1.4
H2O_COOK	Source of water: cooking	12364	2.5
H2O_BEVR	Source of water: beverages	12364	3.2
H2O_DRNK	Source of water: drinking	12364	3.5
PLAN_ALL	Meal planner: all HH members	12364	1.9
SHOP_ALL	Food shopper: all HH members	12364	1.9
PREP_ALL	Food preparer: all HH members	12364	1.9
D_ANYMEM	Diet: any HH members	12364	1.8
D_CALOR	Diet: weight loss / low calorie	2737	1.6
D_FAT	Diet: low fat / cholesterol	2737	1.6
D_SODIUM	Diet: low salt / sodium	2737	1.8
D_SUGAR	Diet: sugar free / low sugar	2737	1.9
D_LFIBER	Diet: low fiber	2737	2.0
D_HFIBER	Diet: high fiber	2737	2.0
D_DIABET	Diet: diabetic	2737	1.9
D_BLAND	Diet: bland (ulcer)	2737	2.0
D_WTGAIN	Diet: weight gain	2737	2.1
D_ALLERG	Diet: allergy	2737	2.0
D_OTHER	Diet: other	2737	2.0

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
PRG_ANY	Pregnant: anyone in HH pregnant	12364	2.4
PRG_TIM1	Pregnant: person 1: month	460	15.5
PRG_TIM2	Pregnant: person 2: month	0	.
BF_ANY	Breast fed: anyone in HH	12364	2.6
WIC_ANY	WIC: anyone in HH	12364	2.0
WIC_TIM1	WIC: how long - person 1	1574	12.4
WIC_UNT1	WIC: unit for WIC_TIM1	1447	1.5
WIC_TIM2	WIC: how long - person 2	702	10.9
WIC_UNT2	WIC: unit for WIC_TIM2	649	1.5
WIC_TIM3	WIC: how long - person 3	195	10.3
WIC_UNT3	WIC: unit for WIC_TIM3	180	1.4
WIC_TIM4	WIC: how long - person 4	50	7.1
WIC_UNT4	WIC: unit for WIC_TIM4	47	1.4
WIC_TIM5	WIC: how long - person 5	8	4.5
WIC_UNT5	WIC: unit for WIC_TIM5	8	1.4
NUM1_5	Count of children 1 - 5	12364	0.6
CCARE1	Child care food: child 1	5847	2.2
CCARE2	Child care food: child 2	1869	2.2
CCARE3	Child care food: child 3	266	2.3
CCARE4	Child care food: child 4	27	2.9
CCARE5	Child care food: child 5	5	1.8
CCARE6	Child care food: child 6	1	9.0
FOODDESC	Description of food eaten in HH	12364	1.3
NEFD_M1	Not enough: last month	331	1.4
NEFD_M2	Not enough: month before last	331	1.7
NEFD_M3	Not enough: 2 months before last	331	1.7
NEFD_R1	Not enough: reason: money	331	1.3
NEFD_R2	Not enough: reason: appliances	331	2.9
NEFD_R3	Not enough: reason: transportation	331	2.9
NEFD_R4	Not enough: reason: too busy	331	3.4
NEFD_R5	Not enough: reason: other	331	3.3
NEFD_DYS	Not enough: days without	331	13.1
CASH5000	Savings/assets: over \$5,000	12364	1.9
YINC_S1	Ann. inc.: source: business	12364	1.9
YINC_A1	Ann. inc.: amount: business	1990	310504.4
YINC_S2	Ann. inc.: source: interest	12364	1.8
YINC_A2	Ann. inc.: amount: interest	3878	346079.1
MINC_S1	Mon. inc.: source: wages	12364	1.3
MINC_A1	Mon. inc.: amount: wages	9501	4018.8
MINC_S2	Mon. inc.: source: SS/SSI	12364	1.9
MINC_A2	Mon. inc.: amount: SS/SSI	2753	2211.9
MINC_S3	Mon. inc.: source: pension	12364	2.0
MINC_A3	Mon. inc.: amount: pension	1500	2883.4
MINC_S4	Mon. inc.: source: unemployment	12364	2.1
MINC_A4	Mon. inc.: amount: unemployment	318	1759.3
MINC_S5	Mon. inc.: source: AFDC	12364	2.1
MINC_A5	Mon. inc.: amount: AFDC	865	865.0
MINC_S6	Mon. inc.: source: other	12363	2.0
MINC_A6	Mon. inc.: amount: other	1076	1277.0

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
MINC_RDK	Mon. inc.: under 130%	12364	3.1
FS_NOW	Food stamps: at present	12364	1.9
FS EVERY	Food stamps: everyone receiving	1557	1.5
FS_INC	Food stamps: income of members	531	1398.8
FS_MNTH	Food stamps: month last received	1557	13.6
FS_YEAR	Food stamps: year last received	1557	2566.7
FS_VAL	Food stamps: total amount	1529	280.9
YEAR	Year of survey	12364	1996.0
WT3_HH	3-year household sampling weight	8067	12219.5
WT4_HH	4-year household sampling weight	12364	7972.7

Variable	Label	Minimum	Maximum
RT	Record type	15.0	15.0
HHID	Household ID	10001.0	52852.0
VARSTRAT	Variance-estimation stratum	1.0	43.0
VARUNIT	Variance-estimation unit	1.0	2.0
REGION	Region	1.0	4.0
URB	Urbanization	1.0	3.0
HHSIZE	Household size	1.0	16.0
INCOME	Annual income: total	0.0	100000.0
INCREP	Annual income: actual report	1.0	9.0
PCTPOV	Annual income: percent of poverty	0.0	300.0
POVCAT	Annual income: % of poverty category	1.0	3.0
IMPFLAG	Annual income: imputation flag	1.0	5.0
FS_RCV12	Food stamps: in last 12 months	1.0	9.0
COMP_HH	HH interview completion flag	1.0	2.0
HH_LANG	Language type of HH quex	1.0	2.0
CNT_D1	Count of day 1 SPs in HH	1.0	11.0
CNT_D2	Count of day 2 SPs in HH	0.0	11.0
DHK_HH	DHKS from HH	1.0	2.0
SHP_FREQ	Major food shopping: frequency	1.0	9.0
SHP_STOR	Major food shopping: kind of store	1.0	99.0
SHP_GROC	Amount: grocery store: week/month	0.0	9999.0
SHP_GROU	Amount: unit for SHP_GROC	1.0	9.0
SHP_NONF	Amount: nonfood: week/month	0.0	9999.0
SHP_NONU	Amount: unit for SHP_NONF	1.0	9.0
SHP_SPEC	Amount: specialty stores: week/month	0.0	9999.0
SHP_SPEU	Amount: unit for SHP_SPEC	1.0	9.0
SHP_FAST	Amount: fast food: week/month	0.0	9999.0
SHP_FASU	Amount: unit for SHP_FAST	1.0	9.0
SHP_AWAY	Amount: away from home: week/month	0.0	9999.0
SHP_AWAU	Amount: unit for SHP_AWAY	1.0	9.0
TENURE	Tenure	1.0	9.0
H2O_COOK	Source of water: cooking	1.0	99.0
H2O_BEVR	Source of water: beverages	1.0	99.0
H2O_DRNK	Source of water: drinking	1.0	99.0
PLAN_ALL	Meal planner: all HH members	1.0	9.0

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
SHOP_ALL	Food shopper: all HH members	1.0	9.0
PREP_ALL	Food preparer: all HH members	1.0	9.0
D_ANYMEM	Diet: any HH members	1.0	9.0
D_CALOR	Diet: weight loss / low calorie	1.0	9.0
D_FAT	Diet: low fat / cholesterol	1.0	9.0
D_SODIUM	Diet: low salt / sodium	1.0	9.0
D_SUGAR	Diet: sugar free / low sugar	1.0	9.0
D_LFIBER	Diet: low fiber	1.0	9.0
D_HFIBER	Diet: high fiber	1.0	9.0
D_DIABET	Diet: diabetic	1.0	9.0
D_BLAND	Diet: bland (ulcer)	1.0	9.0
D_WTGAIN	Diet: weight gain	1.0	9.0
D_ALLERG	Diet: allergy	1.0	9.0
D_OTHER	Diet: other	1.0	9.0
PRG_ANY	Pregnant: anyone in HH pregnant	1.0	9.0
PRG_TIM1	Pregnant: person 1: month	0.0	99.0
PRG_TIM2	Pregnant: person 2: month	.	.
BF_ANY	Breast fed: anyone in HH	1.0	9.0
WIC_ANY	WIC: anyone in HH	1.0	9.0
WIC_TIM1	WIC: how long - person 1	0.0	99.0
WIC_UNT1	WIC: unit for WIC_TIM1	1.0	9.0
WIC_TIM2	WIC: how long - person 2	0.0	99.0
WIC_UNT2	WIC: unit for WIC_TIM2	1.0	2.0
WIC_TIM3	WIC: how long - person 3	0.0	99.0
WIC_UNT3	WIC: unit for WIC_TIM3	1.0	2.0
WIC_TIM4	WIC: how long - person 4	0.0	99.0
WIC_UNT4	WIC: unit for WIC_TIM4	1.0	2.0
WIC_TIM5	WIC: how long - person 5	1.0	18.0
WIC_UNT5	WIC: unit for WIC_TIM5	1.0	2.0
NUM1_5	Count of children 1 - 5	0.0	6.0
CCARE1	Child care food: child 1	1.0	9.0
CCARE2	Child care food: child 2	1.0	9.0
CCARE3	Child care food: child 3	1.0	9.0
CCARE4	Child care food: child 4	1.0	9.0
CCARE5	Child care food: child 5	1.0	2.0
CCARE6	Child care food: child 6	9.0	9.0
FOODDESC	Description of food eaten in HH	1.0	9.0
NEFD_M1	Not enough: last month	1.0	9.0
NEFD_M2	Not enough: month before last	1.0	9.0
NEFD_M3	Not enough: 2 months before last	1.0	9.0
NEFD_R1	Not enough: reason: money	1.0	9.0
NEFD_R2	Not enough: reason: appliances	1.0	9.0
NEFD_R3	Not enough: reason: transportation	1.0	9.0
NEFD_R4	Not enough: reason: too busy	1.0	9.0
NEFD_R5	Not enough: reason: other	1.0	9.0
NEFD_DYS	Not enough: days without	0.0	99.0
CASH5000	Savings/assets: over \$5,000	1.0	9.0
YINC_S1	Ann. inc.: source: business	1.0	9.0
YINC_A1	Ann. inc.: amount: business	0.0	999999.0

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
YINC_S2	Ann. inc.: source: interest	1.0	9.0
YINC_A2	Ann. inc.: amount: interest	1.0	999999.0
MINC_S1	Mon. inc.: source: wages	1.0	9.0
MINC_A1	Mon. inc.: amount: wages	4.0	9999.0
MINC_S2	Mon. inc.: source: SS/SSI	1.0	9.0
MINC_A2	Mon. inc.: amount: SS/SSI	1.0	9999.0
MINC_S3	Mon. inc.: source: pension	1.0	9.0
MINC_A3	Mon. inc.: amount: pension	14.0	9999.0
MINC_S4	Mon. inc.: source: unemployment	1.0	9.0
MINC_A4	Mon. inc.: amount: unemployment	10.0	9999.0
MINC_S5	Mon. inc.: source: AFDC	1.0	9.0
MINC_A5	Mon. inc.: amount: AFDC	10.0	9999.0
MINC_S6	Mon. inc.: source: other	1.0	9.0
MINC_A6	Mon. inc.: amount: other	4.0	9999.0
MINC_RDK	Mon. inc.: under 130%	1.0	9.0
FS_NOW	Food stamps: at present	1.0	9.0
FS EVERY	Food stamps: everyone receiving	1.0	9.0
FS_INC	Food stamps: income of members	0.0	9999.0
FS_MNTH	Food stamps: month last received	1.0	99.0
FS_YEAR	Food stamps: year last received	1993.0	9999.0
FS_VAL	Food stamps: total amount	10.0	999.0
YEAR	Year of survey	1994.0	1998.0
WT3_HH	3-year household sampling weight	723.0	46749.0
WT4_HH	4-year household sampling weight	332.0	46524.0

Variable	Label	Sum
RT	Record type	185460.0
HHID	Household ID	322963960.0
VARSTRAT	Variance-estimation stratum	206152.0
VARUNIT	Variance-estimation unit	18635.0
REGION	Region	32560.0
URB	Urbanization	23843.0
HHSIZE	Household size	42317.0
INCOME	Annual income: total	465260429.0
INCREP	Annual income: actual report	31381.0
PCTPOV	Annual income: percent of poverty	2552174.0
POVCAT	Annual income: % of poverty category	25082.0
IMPFLAG	Annual income: imputation flag	17514.0
FS_RCV12	Food stamps: in last 12 months	23843.0
COMP_HH	HH interview completion flag	12426.0
HH_LANG	Language type of HH quex	12678.0
CNT_D1	Count of day 1 SPs in HH	21662.0
CNT_D2	Count of day 2 SPs in HH	20607.0
DHK_HH	DHKS from HH	18963.0
SHP_FREQ	Major food shopping: frequency	30930.0
SHP_STOR	Major food shopping: kind of store	41670.0
SHP_GROC	Amount: grocery store: week/month	4315234.0

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
SHP_GROU	Amount: unit for SHP_GROC	17644.0
SHP_NONF	Amount: nonfood: week/month	2982111.0
SHP_NONU	Amount: unit for SHP_NONF	14789.0
SHP_SPEC	Amount: specialty stores: week/month	2366591.0
SHP_SPEU	Amount: unit for SHP_SPEC	9829.0
SHP_FAST	Amount: fast food: week/month	1789359.0
SHP_FASU	Amount: unit for SHP_FAST	14569.0
SHP_AWAY	Amount: away from home: week/month	2565675.0
SHP_AWAU	Amount: unit for SHP_AWAY	16502.0
TENURE	Tenure	17792.0
H2O_COOK	Source of water: cooking	31263.0
H2O_BEVR	Source of water: beverages	39462.0
H2O_DRNK	Source of water: drinking	43010.0
PLAN_ALL	Meal planner: all HH members	23374.0
SHOP_ALL	Food shopper: all HH members	23248.0
PREP_ALL	Food preparer: all HH members	23400.0
D_ANYMEM	Diet: any HH members	22488.0
D_CALOR	Diet: weight loss / low calorie	4465.0
D_FAT	Diet: low fat / cholesterol	4403.0
D_SODIUM	Diet: low salt / sodium	5011.0
D_SUGAR	Diet: sugar free / low sugar	5144.0
D_LFIBER	Diet: low fiber	5518.0
D_HFIBER	Diet: high fiber	5394.0
D_DIABET	Diet: diabetic	5064.0
D_BLAND	Diet: bland (ulcer)	5607.0
D_WTGAIN	Diet: weight gain	5616.0
D_ALLERG	Diet: allergy	5603.0
D_OTHER	Diet: other	5426.0
PRG_ANY	Pregnant: anyone in HH pregnant	29360.0
PRG_TIM1	Pregnant: person 1: month	7111.0
PRG_TIM2	Pregnant: person 2: month	.
BF_ANY	Breast fed: anyone in HH	32677.0
WIC_ANY	WIC: anyone in HH	24247.0
WIC_TIM1	WIC: how long - person 1	19447.0
WIC_UNT1	WIC: unit for WIC_TIM1	2227.0
WIC_TIM2	WIC: how long - person 2	7653.0
WIC_UNT2	WIC: unit for WIC_TIM2	960.0
WIC_TIM3	WIC: how long - person 3	2006.0
WIC_UNT3	WIC: unit for WIC_TIM3	243.0
WIC_TIM4	WIC: how long - person 4	354.0
WIC_UNT4	WIC: unit for WIC_TIM4	68.0
WIC_TIM5	WIC: how long - person 5	36.0
WIC_UNT5	WIC: unit for WIC_TIM5	11.0
NUM1_5	Count of children 1 - 5	8015.0
CCARE1	Child care food: child 1	12708.0
CCARE2	Child care food: child 2	4106.0
CCARE3	Child care food: child 3	614.0
CCARE4	Child care food: child 4	78.0
CCARE5	Child care food: child 5	9.0

Control statistics for household record type 15,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
CCARE6	Child care food: child 6	9.0
FOODDESC	Description of food eaten in HH	16604.0
NEFD_M1	Not enough: last month	460.0
NEFD_M2	Not enough: month before last	567.0
NEFD_M3	Not enough: 2 months before last	555.0
NEFD_R1	Not enough: reason: money	445.0
NEFD_R2	Not enough: reason: appliances	969.0
NEFD_R3	Not enough: reason: transportation	949.0
NEFD_R4	Not enough: reason: too busy	1123.0
NEFD_R5	Not enough: reason: other	1108.0
NEFD_DYS	Not enough: days without	4338.0
CASH5000	Savings/assets: over \$5,000	23542.0
YINC_S1	Ann. inc.: source: business	23515.0
YINC_A1	Ann. inc.: amount: business	617903776.0
YINC_S2	Ann. inc.: source: interest	22492.0
YINC_A2	Ann. inc.: amount: interest	1342094769.0
MINC_S1	Mon. inc.: source: wages	16285.0
MINC_A1	Mon. inc.: amount: wages	38182287.0
MINC_S2	Mon. inc.: source: SS/SSI	23370.0
MINC_A2	Mon. inc.: amount: SS/SSI	6089392.0
MINC_S3	Mon. inc.: source: pension	24885.0
MINC_A3	Mon. inc.: amount: pension	4325047.0
MINC_S4	Mon. inc.: source: unemployment	26143.0
MINC_A4	Mon. inc.: amount: unemployment	559448.0
MINC_S5	Mon. inc.: source: AFDC	25424.0
MINC_A5	Mon. inc.: amount: AFDC	748184.0
MINC_S6	Mon. inc.: source: other	25196.0
MINC_A6	Mon. inc.: amount: other	1374099.0
MINC_RDK	Mon. inc.: under 130%	37758.0
FS_NOW	Food stamps: at present	23882.0
FS_EVERY	Food stamps: everyone receiving	2397.0
FS_INC	Food stamps: income of members	742787.0
FS_MNTH	Food stamps: month last received	21213.0
FS_YEAR	Food stamps: year last received	3996318.0
FS_VAL	Food stamps: total amount	429425.0
YEAR	Year of survey	24678840.0
WT3_HH	3-year household sampling weight	98574761.0
WT4_HH	4-year household sampling weight	98574787.0

Control statistics for household member record type 20,
CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
RT	Record type	42332	20.0
HHID	Household ID	42332	26668.8
SPNUM	Sample person number	42332	26.4
VARSTRAT	Variance-estimation stratum	42332	17.2
VARUNIT	Variance-estimation unit	42332	1.5
REGION	Region	42332	2.7
URB	Urbanization	42332	1.9
HHSIZE	Household size	42332	4.3
INCOME	Annual income: total	42332	39671.5
INCREP	Annual income: actual report	42332	2.6
PCTPOV	Annual income: percent of poverty	42332	198.8
POVCAT	Annual income: % of poverty category	42332	2.0
IMPFLAG	Annual income: imputation flag	42332	1.4
FS_RCV12	Food stamps: in last 12 months	42332	1.9
AGE	Age in years	42332	26.3
AGE_M	Age in months	1602	5.5
SEX	Sex	42332	1.5
REL_REF	Relationship to reference person	42332	1.6
RACE	Race	42332	1.6
ORIGIN	Hispanic origin	42332	4.6
HEAD_HH	Head of household	42332	1.5
PL_STAT	Pregnant/lactating status	42332	4.6
BF_STAT	Breastfeeding status	42332	2.8
FS_AUTH	Food stamps: authorized	42332	2.0
COMP_D1	Day 1 flag	42332	1.5
COMP_D2	Day 2 flag	21662	1.0
COMP_DHK	DHKS flag	21662	1.7
WT4_DAY1	Final 4-year day 1 weight	21662	12090.2
WT4_2DAY	Final 4-year two day weight	20607	12709.1
GRADE	Highest grade completed	42332	44.8
EMP_LW	Work: at all last week	26034	1.5
EMP_ABS	Work: temporarily absent	10322	2.2
EMP_HRS	Work: hours last week	15712	54.5
EMP_HRU	Work: hours usual	16660	63.5
EMP_OCC	Work: occupation	16660	5.4
EMP_RES	Work: reason for not working	9374	7.7
EMP_STAT	Employment status	42332	3.4
PLAN_YN	Meal planner: yes or no	42332	1.7
PLAN_ONE	Meal planner: only	14175	1.3
SHOP_YN	Food shopper: yes or no	42332	1.7
SHOP_ONE	Food shopper: only	14742	1.3
PREP_YN	Food preparer: yes or no	42332	1.7
PREP_ONE	Food preparer: only	14565	1.3
PRG_MON	Number of months pregnant	460	15.5
WIC_YN	WIC: receiving benefits	42332	2.0
WIC_TIME	WIC: how long receiving benefits	2523	11.6
WIC_UNIT	WIC: unit for WIC_TIME	2327	1.5
SCHOOL	Attends school	42332	2.6
LCH_SERV	School lunch: served	8325	1.1

Control statistics for household member record type 20,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
LCH_NUM	School lunch: # reported	7794	4.1
LCH_UNIT	School lunch: unit for LCH_NUM	6409	1.0
LCH_COST	School lunch: cost	6409	2.1
BRK_SERV	School breakfast: served	8324	1.5
BRK_NUM	School breakfast: # per week	5356	2.5
BRK_UNIT	School breakfast: unit for BRK_NUM	2408	1.0
BRK_COST	School breakfast: cost	2408	1.7
CCARE_ML	Meals/snacks from child care	42332	2.8
YEAR	Year of survey	42332	1996.3
WTA_DAY1	Final annual day 1 weight	21662	38123.3
WTA_2DAY	Final annual two day weight	20607	40075.0
WT3_DAY1	Final 3-year day 1 weight	16103	16263.9
WT3_2DAY	Final 3-year two day weight	15303	17114.1

Variable	Label	Minimum	Maximum
RT	Record type	20.0	20.0
HHID	Household ID	10001.0	52852.0
SPNUM	Sample person number	1.0	63.0
VARSTRAT	Variance-estimation stratum	1.0	43.0
VARUNIT	Variance-estimation unit	1.0	2.0
REGION	Region	1.0	4.0
URB	Urbanization	1.0	3.0
HHSIZE	Household size	1.0	16.0
INCOME	Annual income: total	0.0	100000.0
INCREP	Annual income: actual report	1.0	9.0
PCTPOV	Annual income: percent of poverty	0.0	300.0
POVCAT	Annual income: % of poverty category	1.0	3.0
IMPFLAG	Annual income: imputation flag	1.0	5.0
FS_RCV12	Food stamps: in last 12 months	1.0	9.0
AGE	Age in years	0.0	90.0
AGE_M	Age in months	0.0	11.0
SEX	Sex	1.0	2.0
REL_REF	Relationship to reference person	0.0	12.0
RACE	Race	1.0	5.0
ORIGIN	Hispanic origin	1.0	5.0
HEAD_HH	Head of household	1.0	9.0
PL_STAT	Pregnant/lactating status	1.0	5.0
BF_STAT	Breastfeeding status	1.0	3.0
FS_AUTH	Food stamps: authorized	1.0	9.0
COMP_D1	Day 1 flag	1.0	2.0
COMP_D2	Day 2 flag	1.0	2.0
COMP_DHK	DHKS flag	1.0	2.0
WT4_DAY1	Final 4-year day 1 weight	340.0	226692.0
WT4_2DAY	Final 4-year two day weight	286.0	434881.0
GRADE	Highest grade completed	0.0	99.0
EMP_LW	Work: at all last week	1.0	9.0
EMP_ABS	Work: temporarily absent	1.0	9.0

Control statistics for household member record type 20,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
EMP_HRS	Work: hours last week	0.0	999.0
EMP_HRU	Work: hours usual	0.0	999.0
EMP_OCC	Work: occupation	1.0	99.0
EMP_RES	Work: reason for not working	1.0	99.0
EMP_STAT	Employment status	1.0	9.0
PLAN_YN	Meal planner: yes or no	1.0	9.0
PLAN_ONE	Meal planner: only	1.0	2.0
SHOP_YN	Food shopper: yes or no	1.0	9.0
SHOP_ONE	Food shopper: only	1.0	2.0
PREP_YN	Food preparer: yes or no	1.0	9.0
PREP_ONE	Food preparer: only	1.0	2.0
PRG_MON	Number of months pregnant	0.0	99.0
WIC_YN	WIC: receiving benefits	1.0	9.0
WIC_TIME	WIC: how long receiving benefits	0.0	99.0
WIC_UNIT	WIC: unit for WIC_TIME	1.0	9.0
SCHOOL	Attends school	1.0	9.0
LCH_SERV	School lunch: served	1.0	9.0
LCH_NUM	School lunch: # reported	0.0	99.0
LCH_UNIT	School lunch: unit for LCH_NUM	1.0	2.0
LCH_COST	School lunch: cost	1.0	9.0
BRK_SERV	School breakfast: served	1.0	9.0
BRK_NUM	School breakfast: # per week	0.0	99.0
BRK_UNIT	School breakfast: unit for BRK_NUM	1.0	2.0
BRK_COST	School breakfast: cost	1.0	9.0
CCARE_ML	Meals/snacks from child care	1.0	9.0
YEAR	Year of survey	1994.0	1998.0
WTA_DAY1	Final annual day 1 weight	580.0	669591.0
WTA_2DAY	Final annual two day weight	507.0	1058203.0
WT3_DAY1	Final 3-year day 1 weight	1404.0	226692.0
WT3_2DAY	Final 3-year two day weight	1016.0	434881.0

Variable	Label	Sum
RT	Record type	846640.0
HHID	Household ID	1128942702.0
SPNUM	Sample person number	1117341.0
VARSTRAT	Variance-estimation stratum	727935.0
VARUNIT	Variance-estimation unit	64276.0
REGION	Region	113130.0
URB	Urbanization	81266.0
HHSIZE	Household size	180279.0
INCOME	Annual income: total	1679375899.0
INCREP	Annual income: actual report	110159.0
PCTPOV	Annual income: percent of poverty	8414222.0
POVCAT	Annual income: % of poverty category	83279.0
IMPFLAG	Annual income: imputation flag	60303.0
FS_RCV12	Food stamps: in last 12 months	80518.0
AGE	Age in years	1115022.0

Control statistics for household member record type 20,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
AGE_M	Age in months	8880.0
SEX	Sex	64313.0
REL_REF	Relationship to reference person	66805.0
RACE	Race	68367.0
ORIGIN	Hispanic origin	193594.0
HEAD_HH	Head of household	65352.0
PL_STAT	Pregnant/lactating status	196426.0
BF_STAT	Breastfeeding status	120082.0
FS_AUTH	Food stamps: authorized	82918.0
COMP_D1	Day 1 flag	63002.0
COMP_D2	Day 2 flag	22717.0
COMP_DHK	DHKS flag	37559.0
WT4_DAY1	Final 4-year day 1 weight	261897244.0
WT4_2DAY	Final 4-year two day weight	261897236.0
GRADE	Highest grade completed	1895021.0
EMP_LW	Work: at all last week	38996.0
EMP_ABS	Work: temporarily absent	23002.0
EMP_HRS	Work: hours last week	855962.0
EMP_HRU	Work: hours usual	1057592.0
EMP_OCC	Work: occupation	89412.0
EMP_RES	Work: reason for not working	72081.0
EMP_STAT	Employment status	145851.0
PLAN_YN	Meal planner: yes or no	72582.0
PLAN_ONE	Meal planner: only	17855.0
SHOP_YN	Food shopper: yes or no	71791.0
SHOP_ONE	Food shopper: only	19694.0
PREP_YN	Food preparer: yes or no	72129.0
PREP_ONE	Food preparer: only	18986.0
PRG_MON	Number of months pregnant	7111.0
WIC_YN	WIC: receiving benefits	85729.0
WIC_TIME	WIC: how long receiving benefits	29370.0
WIC_UNIT	WIC: unit for WIC_TIME	3504.0
SCHOOL	Attends school	111556.0
LCH_SERV	School lunch: served	9012.0
LCH_NUM	School lunch: # reported	31955.0
LCH_UNIT	School lunch: unit for LCH_NUM	6593.0
LCH_COST	School lunch: cost	13417.0
BRK_SERV	School breakfast: served	12609.0
BRK_NUM	School breakfast: # per week	13519.0
BRK_UNIT	School breakfast: unit for BRK_NUM	2484.0
BRK_COST	School breakfast: cost	3991.0
CCARE_ML	Meals/snacks from child care	120475.0
YEAR	Year of survey	84507595.0
WTA_DAY1	Final annual day 1 weight	825826029.0
WTA_2DAY	Final annual two day weight	825825998.0
WT3_DAY1	Final 3-year day 1 weight	261897277.0
WT3_2DAY	Final 3-year two day weight	261897260.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
RT	Record type	21662	25.0
HHID	Household ID	21662	26262.0
SPNUM	Sample person number	21662	1.8
VARSTRAT	Variance-estimation stratum	21662	16.8
VARUNIT	Variance-estimation unit	21662	1.5
REGION	Region	21662	2.6
URB	Urbanization	21662	1.9
HHSIZE	Household size	21662	3.8
INCOME	Annual income: total	21662	38624.9
INCREP	Annual income: actual report	21662	2.5
PCTPOV	Annual income: percent of poverty	21662	205.0
POVCAT	Annual income: % of poverty category	21662	2.0
IMPFLAG	Annual income: imputation flag	21662	1.4
FS_RCV12	Food stamps: in last 12 months	21662	1.9
AGE	Age in years	21662	25.4
AGE_M	Age in months	1551	5.5
SEX	Sex	21662	1.5
REL_REF	Relationship to reference person	21662	1.6
RACE	Race	21662	1.5
ORIGIN	Hispanic origin	21662	4.6
HEAD_HH	Head of household	21662	1.6
PL_STAT	Pregnant/lactating status	21662	4.8
BF_STAT	Breastfeeding status	21662	2.7
FS_AUTH	Food stamps: authorized	21662	2.0
COMP_D1	Day 1 flag	21662	1.0
COMP_D2	Day 2 flag	21662	1.0
COMP_DHK	DHKS flag	21662	1.7
WT4_DAY1	Final 4-year day 1 weight	21662	12090.2
WT4_2DAY	Final 4-year two day weight	20607	12709.1
GRADE	Highest grade completed	21662	53.9
EMP_LW	Work: at all last week	10689	1.5
EMP_ABS	Work: temporarily absent	4887	2.1
EMP_HRS	Work: hours last week	5802	51.0
EMP_HRU	Work: hours usual	6136	60.1
EMP_OCC	Work: occupation	6136	5.2
EMP_RES	Work: reason for not working	4553	5.5
EMP_STAT	Employment status	21662	3.8
PLAN_YN	Meal planner: yes or no	21662	1.8
PLAN_ONE	Meal planner: only	6159	1.3
SHOP_YN	Food shopper: yes or no	21662	1.7
SHOP_ONE	Food shopper: only	6444	1.3
PREP_YN	Food preparer: yes or no	21662	1.8
PREP_ONE	Food preparer: only	6261	1.3
PRG_MON	Number of months pregnant	81	12.0
WIC_YN	WIC: receiving benefits	21662	2.0
WIC_TIME	WIC: how long receiving benefits	1861	11.6
WIC_UNIT	WIC: unit for WIC_TIME	1719	1.5
SCHOOL	Attends school	21662	2.7
LCH_SERV	School lunch: served	3629	1.1

Control statistics for sample person record type 25,
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Variable	Label	N	Mean
LCH_NUM	School lunch: # reported	3368	3.9
LCH_UNIT	School lunch: unit for LCH_NUM	2678	1.0
LCH_COST	School lunch: cost	2678	2.2
BRK_SERV	School breakfast: served	3629	1.5
BRK_NUM	School breakfast: # per week	2267	2.4
BRK_UNIT	School breakfast: unit for BRK_NUM	907	1.0
BRK_COST	School breakfast: cost	907	1.8
CCARE_ML	Meals/snacks from child care	21662	2.7
WT_BASE	Base weight	21662	25686.7
WT_ADJ	Adjusted base weight	21662	32557.4
D1_MNTH	Day 1: month of intake	21662	6.4
D1_DATE	Day 1: date of intake	21662	15.8
D1_YEAR	Day 1: year of intake	21662	1995.8
D1_DAY	Day 1: day of week of intake	21662	3.8
D1_NREC	Day 1: number of food records	21662	14.4
D1_AMTUS	Day 1: Amount usual	21662	1.4
D1_LESS	Day 1: Reason for less	4053	13.4
D1_MORE	Day 1: Reason for more	1862	15.7
D1_H2O_O	Day 1: amount of water	21662	29.3
D1_H2O_H	Day 1: water from home	17359	1.8
D1_H2O_A	Day 1: away from home water	6513	1.6
D1_TV	Day 1: Hours of TV / video	21662	3.6
D2_MNTH	Day 2: month of intake	20607	6.6
D2_DATE	Day 2: date of intake	20607	15.8
D2_YEAR	Day 2: year of intake	20607	1995.8
D2_DAY	Day 2: day of week of intake	20607	3.5
D2_NREC	Day 2: number of food records	20607	14.0
D2_AMTUS	Day 2: Amount usual	20607	1.4
D2_LESS	Day 2: Reason for less	3824	12.5
D2_MORE	Day 2: Reason for more	1617	16.0
D2_H2O_O	Day 2: amount of water	20607	29.5
D2_H2O_H	Day 2: water from home	16260	1.9
D2_H2O_A	Day 2: away from home water	5906	1.8
D2_TV	Day 2: Hours of TV / video	20607	3.9
SALT_TYP	Salt type	21662	3.1
SALT_FRQ	Salt frequency	10706	2.9
DT_ANY	Diet: on any diet	21662	1.9
DT01_YN	Diet: low cal: yes or no	1964	1.7
DT01_R01	Diet: low cal: doctor	675	1.7
DT01_R02	Diet: low cal: condition	675	1.9
DT01_R03	Diet: low cal: joined	675	1.9
DT01_R04	Diet: low cal: health	675	1.3
DT01_R05	Diet: low cal: weight loss	675	1.2
DT01_R06	Diet: low cal: existing condition	675	2.0
DT01_R07	Diet: low cal: other	675	2.3
DT01_SRC	Diet: low cal: source	675	9.0
DT02_YN	Diet: low fat: yes or no	1964	1.6
DT02_R01	Diet: low fat: doctor	868	1.4
DT02_R02	Diet: low fat: condition	868	1.8

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Variable	Label	N	Mean
DT02_R03	Diet: low fat: joined	868	1.9
DT02_R04	Diet: low fat: health	868	1.3
DT02_R05	Diet: low fat: weight loss	868	1.6
DT02_R06	Diet: low fat: existing condition	868	2.0
DT02_R07	Diet: low fat: other	868	2.2
DT02_SRC	Diet: low fat: source	868	8.6
DT03_YN	Diet: low salt: yes or no	1964	1.8
DT03_R01	Diet: low salt: doctor	465	1.3
DT03_R02	Diet: low salt: condition	465	1.8
DT03_R03	Diet: low salt: joined	465	2.1
DT03_R04	Diet: low salt: health	465	1.4
DT03_R05	Diet: low salt: weight loss	465	1.8
DT03_R06	Diet: low salt: existing condition	465	2.0
DT03_R07	Diet: low salt: other	465	2.2
DT03_SRC	Diet: low salt: source	465	7.1
DT04_YN	Diet: low sugar: yes or no	1964	1.9
DT04_R01	Diet: low sugar: doctor	296	1.4
DT04_R02	Diet: low sugar: condition	296	1.8
DT04_R03	Diet: low sugar: joined	296	2.1
DT04_R04	Diet: low sugar: health	296	1.4
DT04_R05	Diet: low sugar: weight loss	296	1.7
DT04_R06	Diet: low sugar: existing condition	296	1.9
DT04_R07	Diet: low sugar: other	296	2.3
DT04_SRC	Diet: low sugar: source	296	8.8
DT05_YN	Diet: low fiber: yes or no	1964	2.0
DT05_R01	Diet: low fiber: doctor	19	1.2
DT05_R02	Diet: low fiber: condition	19	1.8
DT05_R03	Diet: low fiber: joined	19	2.0
DT05_R04	Diet: low fiber: health	19	1.7
DT05_R05	Diet: low fiber: weight loss	19	1.9
DT05_R06	Diet: low fiber: existing condition	19	2.0
DT05_R07	Diet: low fiber: other	19	1.9
DT05_SRC	Diet: low fiber: source	19	22.3
DT06_YN	Diet: high fiber: yes or no	1964	1.9
DT06_R01	Diet: high fiber: doctor	141	1.4
DT06_R02	Diet: high fiber: condition	141	1.8
DT06_R03	Diet: high fiber: joined	141	1.9
DT06_R04	Diet: high fiber: health	141	1.2
DT06_R05	Diet: high fiber: weight loss	141	1.6
DT06_R06	Diet: high fiber: existing condition	141	2.0
DT06_R07	Diet: high fiber: other	141	2.2
DT06_SRC	Diet: high fiber: source	141	11.4
DT07_YN	Diet: diabetic: yes or no	1964	1.8
DT07_R01	Diet: diabetic: doctor	313	1.1
DT07_R02	Diet: diabetic: condition	313	1.6
DT07_R03	Diet: diabetic: joined	313	2.0
DT07_R04	Diet: diabetic: health	313	1.4
DT07_R05	Diet: diabetic: weight loss	313	1.8
DT07_R06	Diet: diabetic: existing condition	313	2.0

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Variable	Label	N	Mean
DT07_R07	Diet: diabetic: other	313	2.3
DT07_SRC	Diet: diabetic: source	313	8.6
DT08_YN	Diet: weight gain: yes or no	1964	2.0
DT08_R01	Diet: weight gain: doctor	15	1.1
DT08_R02	Diet: weight gain: condition	15	2.0
DT08_R03	Diet: weight gain: joined	15	2.0
DT08_R04	Diet: weight gain: health	15	1.3
DT08_R05	Diet: weight gain: weight loss	15	2.0
DT08_R06	Diet: weight gain: existing condition	15	2.0
DT08_R07	Diet: weight gain: other	15	2.3
DT08_SRC	Diet: weight gain: source	15	8.6
DT09_YN	Diet: hypoglycemic: yes or no	1964	2.0
DT09_R01	Diet: hypoglycemic: doctor	3	1.0
DT09_R02	Diet: hypoglycemic: condition	3	1.3
DT09_R03	Diet: hypoglycemic: joined	3	2.0
DT09_R04	Diet: hypoglycemic: health	3	1.0
DT09_R05	Diet: hypoglycemic: weight loss	3	1.3
DT09_R06	Diet: hypoglycemic: existing cond.	3	2.0
DT09_R07	Diet: hypoglycemic: other	3	4.3
DT09_SRC	Diet: hypoglycemic: yes or no	3	34.3
DT10_YN	Diet: ulcer: source	1964	2.0
DT10_R01	Diet: ulcer: doctor	14	1.1
DT10_R02	Diet: ulcer: condition	14	1.9
DT10_R03	Diet: ulcer: joined	14	2.0
DT10_R04	Diet: ulcer: health	14	1.5
DT10_R05	Diet: ulcer: weight loss	14	1.8
DT10_R06	Diet: ulcer: existing condition	14	1.9
DT10_R07	Diet: ulcer: other	14	2.0
DT10_SRC	Diet: ulcer: source	14	2.1
DT11_YN	Diet: other: yes or no	1964	1.9
DT11_R01	Diet: other: doctor	165	1.4
DT11_R02	Diet: other: condition	165	2.0
DT11_R03	Diet: other: joined	165	2.1
DT11_R04	Diet: other: health	165	1.7
DT11_R05	Diet: other: weight loss	165	2.0
DT11_R06	Diet: other: existing condition	165	1.9
DT11_R07	Diet: other: other	165	2.0
DT11_SRC	Diet: other: source	165	12.7
VEGET	Vegetarian	21662	2.0
VT_FREQ	Vit sup: frequency	21662	2.3
VT_MULT	Vit sup: multivitamin	9895	1.6
VT_MULT2	Vit sup: multi plus	9895	1.7
VT_CIRON	Vit sup: C and iron	9895	2.0
VT_SINGL	Vit sup: any singles	9895	1.8
VT_SNG01	Vit sup: vitamin A	2526	1.9
VT_SNG02	Vit sup: vitamin B	2526	1.8
VT_SNG03	Vit sup: vitamin C	2526	1.5
VT_SNG04	Vit sup: vitamin D	2526	2.0
VT_SNG05	Vit sup: vitamin E	2526	1.7

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Variable	Label	N	Mean
VT_SNG06	Vit sup: calcium	2526	1.8
VT_SNG07	Vit sup: folacin	2526	2.0
VT_SNG08	Vit sup: fluoride	2526	1.9
VT_SNG09	Vit sup: iron	2526	1.9
VT_SNG10	Vit sup: zinc	2526	1.9
VT_SNG11	Vit sup: selenium	2526	2.0
VT_SNG12	Vit sup: chromium	2526	2.0
VT_SNG13	Vit sup: beta carotene	2526	2.0
VT_SNG14	Vit sup: biotin	2526	2.0
VT_SNG15	Vit sup: boron	2526	2.0
VT_SNG16	Vit sup: chloride	2526	2.0
VT_SNG17	Vit sup: copper	2526	2.0
VT_SNG18	Vit sup: iodine	2526	2.0
VT_SNG19	Vit sup: magnesium	2526	2.0
VT_SNG20	Vit sup: molybdenum	2526	2.0
VT_SNG21	Vit sup: pantothenic acid	2526	2.0
VT_SNG22	Vit sup: phosphorus	2526	2.0
VT_SNG23	Vit sup: potassium	2526	2.0
VT_SNG24	Vit sup: sodium	2526	2.0
VT_SNG25	Vit sup: vitamin K	2526	2.0
VT_SNG26	Vit sup: other	2526	2.0
FISH_OIL	Fish oil supplement	21662	2.0
FIBER	Fiber supplement	21662	2.0
CHOL_CHK	Blood cholesterol checked	21662	1.9
HGT_SP	Height of SP	21662	57.6
WGT_SP	Weight of SP	21662	138.9
BMI_SP	Body mass index	21662	29.8
HEALTH	Health status	21662	2.0
ALLERGY	Allergy: yes or no	21662	1.9
ALLERG01	Allergy: wheat	1698	2.0
ALLERG02	Allergy: cow's milk	1698	1.8
ALLERG03	Allergy: eggs	1698	2.0
ALLERG04	Allergy: fish	1698	1.9
ALLERG05	Allergy: corn	1698	2.0
ALLERG06	Allergy: peanuts	1698	2.0
ALLERG07	Allergy: other nuts	1698	2.0
ALLERG08	Allergy: soy products	1698	2.0
ALLERG09	Allergy: chocolate	1698	1.9
ALLERG10	Allergy: other dairy	1698	1.9
ALLERG11	Allergy: other vegetables	1698	1.9
ALLERG12	Allergy: specified fruits	1698	1.8
ALLERG13	Allergy: pork	1698	2.0
ALLERG14	Allergy: wine / alcohol	1698	2.0
ALLERG15	Allergy: food additives	1698	2.0
ALLERG16	Allergy: other meats	1698	2.0
ALLERG17	Allergy: specified spices	1698	2.0
ALLERG18	Allergy: other	1698	1.9
DOCTOR1	Doctor told: diabetes	21662	2.0
DOCTOR2	Doctor told: high blood pressure	21662	1.9

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
DOCTOR3	Doctor told: heart disease	21662	2.0
DOCTOR4	Doctor told: cancer	21662	2.0
DOCTOR5	Doctor told: osteoporosis	21662	2.0
DOCTOR6	Doctor told: high blood cholesterol	21662	1.9
DOCTOR7	Doctor told: stroke	21662	2.0
EXERCISE	Exercise frequency	21662	5.3
SMK_100	Smoke: 100 cigarettes	11341	1.6
SMK_NOW	Smoke: now	5304	1.5
SMK_DAY	Smoke: # per day	2612	23.3
ALC_ANY	Alcohol: any in year	11341	1.4
ALC_BEER	Alcohol: beer	6637	1.3
ALC_WINE	Alcohol: wine	6637	1.4
ALC_LIQR	Alcohol: liquor	6637	1.4
ALC_OTHR	Alcohol: other	6637	2.2
EATEN_01	Eaten: artichokes	20607	1.9
EATEN_02	Eaten: asparagus	20607	1.6
EATEN_03	Eaten: broccoli	20607	1.2
EATEN_04	Eaten: brussels sprouts	20607	1.8
EATEN_05	Eaten: cauliflower	20607	1.4
EATEN_06	Eaten: eggplant	20607	1.8
EATEN_07	Eaten: kale	20607	1.9
EATEN_08	Eaten: swiss chard	20607	2.0
EATEN_09	Eaten: okra	20607	1.7
EATEN_10	Eaten: spinach	20607	1.4
EATEN_11	Eaten: summer squash	20607	1.5
EATEN_12	Eaten: winter squash	20607	1.7
EATEN_13	Eaten: yams	20607	1.3
EATEN_14	Eaten: turnips	20607	1.8
EATEN_15	Eaten: avocado	20607	1.6
EATEN_16	Eaten: grapefruit	20607	1.5
EATEN_17	Eaten: cantaloupe	20607	1.2
EATEN_18	Eaten: honeydew	20607	1.5
EATEN_19	Eaten: watermelon	20607	1.2
EATEN_20	Eaten: nectarines	20607	1.5
EATEN_21	Eaten: pears	20607	1.3
EATEN_22	Eaten: plums	20607	1.4
EATEN_23	Eaten: rhubarb	20607	1.9
EATEN_24	Eaten: chicken liver	20607	1.8
EATEN_25	Eaten: beef, veal or pork liver	20607	1.8
EATEN_26	Eaten: lamb	20607	1.8
EATEN_27	Eaten: shellfish	20607	1.5
EATEN_28	Eaten: fish	20607	1.2
EATEN_29	Eaten: caught fish	16544	1.7
D1_LANG	Day 1: language	21662	1.0
D1_PROXY	Day 1: proxy	21662	2.0
D1_MAINR	Day 1: main respondent	21662	4.5
D1_SEC01	Day 1: Sec. resp.: no one	21662	1.4
D1_SEC02	Day 1: Sec. resp.: SP	21662	1.9
D1_SEC03	Day 1: Sec. resp.: mother	21662	1.9

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Variable	Label	N	Mean
D1_SEC04	Day 1: Sec. resp.: father	21662	2.0
D1_SEC05	Day 1: Sec. resp.: wife	21662	1.9
D1_SEC06	Day 1: Sec. resp.: husband	21662	2.0
D1_SEC07	Day 1: Sec. resp.: daughter	21662	2.0
D1_SEC08	Day 1: Sec. resp.: son	21662	2.0
D1_SEC09	Day 1: Sec. resp.: sister	21662	2.0
D1_SEC10	Day 1: Sec. resp.: brother	21662	2.0
D1_SEC11	Day 1: Sec. resp.: grandparent	21662	2.0
D1_SEC12	Day 1: Sec. resp.: aunt	21662	2.0
D1_SEC13	Day 1: Sec. resp.: uncle	21662	2.0
D1_SEC14	Day 1: Sec. resp.: friend	21662	2.0
D1_SEC15	Day 1: Sec. resp.: translator	21662	2.0
D1_SEC16	Day 1: Sec. resp.: provider	21662	2.0
D1_SEC17	Day 1: Sec. resp.: other relative	21662	2.0
D1_SEC18	Day 1: Sec. resp.: other	21662	2.0
D1_DIFF	Day 1: difficulty with interview?	21662	2.2
D1_HEAR	Day 1: could answers be overheard?	11341	1.8
D1_DATAR	Day 1: data retrieval necessary?	21662	3.3
D2_LANG	Day 2: language	20607	1.0
D2_PROXY	Day 2: proxy	20607	2.0
D2_PHONE	Day 2: phone	20607	1.1
D2_MAINR	Day 2: main respondent	20607	6.7
D2_SEC01	Day 2: Sec. resp.: no one	20607	1.3
D2_SEC02	Day 2: Sec. resp.: SP	20607	1.9
D2_SEC03	Day 2: Sec. resp.: mother	20607	1.9
D2_SEC04	Day 2: Sec. resp.: father	20607	2.0
D2_SEC05	Day 2: Sec. resp.: wife	20607	1.9
D2_SEC06	Day 2: Sec. resp.: husband	20607	2.0
D2_SEC07	Day 2: Sec. resp.: daughter	20607	2.0
D2_SEC08	Day 2: Sec. resp.: son	20607	2.0
D2_SEC09	Day 2: Sec. resp.: sister	20607	2.0
D2_SEC10	Day 2: Sec. resp.: brother	20607	2.0
D2_SEC11	Day 2: Sec. resp.: grandparent	20607	2.0
D2_SEC12	Day 2: Sec. resp.: aunt	20607	2.0
D2_SEC13	Day 2: Sec. resp.: uncle	20607	2.0
D2_SEC14	Day 2: Sec. resp.: friend	20607	2.0
D2_SEC15	Day 2: Sec. resp.: translator	20607	2.0
D2_SEC16	Day 2: Sec. resp.: provider	20607	2.0
D2_SEC17	Day 2: Sec. resp.: other relative	20607	2.0
D2_SEC18	Day 2: Sec. resp.: other	20607	2.0
D2_DIFF	Day 2: difficulty with interview?	20607	2.3
D2_DATAR	Day 2: data retrieval necessary?	20607	2.5
YEAR	Year of survey	21662	1995.8
WTA_DAY1	Final annual day 1 weight	21662	38123.3
WTA_2DAY	Final annual two day weight	20607	40075.0
WT3_DAY1	Final 3-year day 1 weight	16103	16263.9
WT3_2DAY	Final 3-year two day weight	15303	17114.1

Control statistics for sample person record type 25,
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Variable	Label	Minimum	Maximum
RT	Record type	25.0	25.0
HHID	Household ID	10001.0	52852.0
SPNUM	Sample person number	1.0	11.0
VARSTRAT	Variance-estimation stratum	1.0	43.0
VARUNIT	Variance-estimation unit	1.0	2.0
REGION	Region	1.0	4.0
URB	Urbanization	1.0	3.0
HHSIZE	Household size	1.0	16.0
INCOME	Annual income: total	0.0	100000.0
INCREP	Annual income: actual report	1.0	9.0
PCTPOV	Annual income: percent of poverty	0.0	300.0
POVCAT	Annual income: % of poverty category	1.0	3.0
IMPFLAG	Annual income: imputation flag	1.0	5.0
FS_RCV12	Food stamps: in last 12 months	1.0	9.0
AGE	Age in years	0.0	90.0
AGE_M	Age in months	0.0	11.0
SEX	Sex	1.0	2.0
REL_REF	Relationship to reference person	0.0	12.0
RACE	Race	1.0	5.0
ORIGIN	Hispanic origin	1.0	5.0
HEAD_HH	Head of household	1.0	9.0
PL_STAT	Pregnant/lactating status	1.0	5.0
BF_STAT	Breastfeeding status	1.0	3.0
FS_AUTH	Food stamps: authorized	1.0	9.0
COMP_D1	Day 1 flag	1.0	1.0
COMP_D2	Day 2 flag	1.0	2.0
COMP_DHK	DHKS flag	1.0	2.0
WT4_DAY1	Final 4-year day 1 weight	340.0	226692.0
WT4_2DAY	Final 4-year two day weight	286.0	434881.0
GRADE	Highest grade completed	0.0	99.0
EMP_LW	Work: at all last week	1.0	9.0
EMP_ABS	Work: temporarily absent	1.0	9.0
EMP_HRS	Work: hours last week	1.0	999.0
EMP_HRU	Work: hours usual	0.0	999.0
EMP_OCC	Work: occupation	1.0	99.0
EMP_RES	Work: reason for not working	1.0	99.0
EMP_STAT	Employment status	1.0	9.0
PLAN_YN	Meal planner: yes or no	1.0	9.0
PLAN_ONE	Meal planner: only	1.0	2.0
SHOP_YN	Food shopper: yes or no	1.0	9.0
SHOP_ONE	Food shopper: only	1.0	2.0
PREP_YN	Food preparer: yes or no	1.0	9.0
PREP_ONE	Food preparer: only	1.0	2.0
PRG_MON	Number of months pregnant	0.0	99.0
WIC_YN	WIC: receiving benefits	1.0	9.0
WIC_TIME	WIC: how long receiving benefits	0.0	99.0
WIC_UNIT	WIC: unit for WIC_TIME	1.0	9.0
SCHOOL	Attends school	1.0	9.0
LCH_SERV	School lunch: served	1.0	9.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
LCH_NUM	School lunch: # reported	0.0	99.0
LCH_UNIT	School lunch: unit for LCH_NUM	1.0	2.0
LCH_COST	School lunch: cost	1.0	9.0
BRK_SERV	School breakfast: served	1.0	9.0
BRK_NUM	School breakfast: # per week	0.0	99.0
BRK_UNIT	School breakfast: unit for BRK_NUM	1.0	2.0
BRK_COST	School breakfast: cost	1.0	9.0
CCARE_ML	Meals/snacks from child care	1.0	9.0
WT_BASE	Base weight	1469.0	370320.0
WT_ADJ	Adjusted base weight	889.0	565991.0
D1_MNTH	Day 1: month of intake	1.0	12.0
D1_DATE	Day 1: date of intake	1.0	31.0
D1_YEAR	Day 1: year of intake	1994.0	1998.0
D1_DAY	Day 1: day of week of intake	1.0	7.0
D1_NREC	Day 1: number of food records	0.0	56.0
D1_AMTUS	Day 1: Amount usual	1.0	9.0
D1_LESS	Day 1: Reason for less	1.0	99.0
D1_MORE	Day 1: Reason for more	1.0	99.0
D1_H2O_O	Day 1: amount of water	0.0	999.0
D1_H2O_H	Day 1: water from home	1.0	9.0
D1_H2O_A	Day 1: away from home water	1.0	9.0
D1_TV	Day 1: Hours of TV / video	0.0	99.0
D2_MNTH	Day 2: month of intake	1.0	12.0
D2_DATE	Day 2: date of intake	1.0	31.0
D2_YEAR	Day 2: year of intake	1994.0	1998.0
D2_DAY	Day 2: day of week of intake	1.0	7.0
D2_NREC	Day 2: number of food records	0.0	52.0
D2_AMTUS	Day 2: Amount usual	1.0	9.0
D2_LESS	Day 2: Reason for less	1.0	99.0
D2_MORE	Day 2: Reason for more	1.0	99.0
D2_H2O_O	Day 2: amount of water	0.0	999.0
D2_H2O_H	Day 2: water from home	1.0	9.0
D2_H2O_A	Day 2: away from home water	1.0	9.0
D2_TV	Day 2: Hours of TV / video	0.0	99.0
SALT_TYP	Salt type	1.0	9.0
SALT_FRQ	Salt frequency	1.0	9.0
DT_ANY	Diet: on any diet	1.0	9.0
DT01_YN	Diet: low cal: yes or no	1.0	9.0
DT01_R01	Diet: low cal: doctor	1.0	9.0
DT01_R02	Diet: low cal: condition	1.0	9.0
DT01_R03	Diet: low cal: joined	1.0	9.0
DT01_R04	Diet: low cal: health	1.0	9.0
DT01_R05	Diet: low cal: weight loss	1.0	9.0
DT01_R06	Diet: low cal: existing condition	1.0	2.0
DT01_R07	Diet: low cal: other	1.0	9.0
DT01_SRC	Diet: low cal: source	1.0	99.0
DT02_YN	Diet: low fat: yes or no	1.0	9.0
DT02_R01	Diet: low fat: doctor	1.0	9.0
DT02_R02	Diet: low fat: condition	1.0	9.0

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Variable	Label	Minimum	Maximum
DT02_R03	Diet: low fat: joined	1.0	9.0
DT02_R04	Diet: low fat: health	1.0	9.0
DT02_R05	Diet: low fat: weight loss	1.0	9.0
DT02_R06	Diet: low fat: existing condition	1.0	2.0
DT02_R07	Diet: low fat: other	1.0	9.0
DT02_SRC	Diet: low fat: source	1.0	99.0
DT03_YN	Diet: low salt: yes or no	1.0	9.0
DT03_R01	Diet: low salt: doctor	1.0	9.0
DT03_R02	Diet: low salt: condition	1.0	9.0
DT03_R03	Diet: low salt: joined	1.0	9.0
DT03_R04	Diet: low salt: health	1.0	9.0
DT03_R05	Diet: low salt: weight loss	1.0	9.0
DT03_R06	Diet: low salt: existing condition	1.0	2.0
DT03_R07	Diet: low salt: other	1.0	9.0
DT03_SRC	Diet: low salt: source	1.0	99.0
DT04_YN	Diet: low sugar: yes or no	1.0	9.0
DT04_R01	Diet: low sugar: doctor	1.0	9.0
DT04_R02	Diet: low sugar: condition	1.0	9.0
DT04_R03	Diet: low sugar: joined	1.0	9.0
DT04_R04	Diet: low sugar: health	1.0	9.0
DT04_R05	Diet: low sugar: weight loss	1.0	9.0
DT04_R06	Diet: low sugar: existing condition	1.0	2.0
DT04_R07	Diet: low sugar: other	1.0	9.0
DT04_SRC	Diet: low sugar: source	1.0	99.0
DT05_YN	Diet: low fiber: yes or no	1.0	9.0
DT05_R01	Diet: low fiber: doctor	1.0	2.0
DT05_R02	Diet: low fiber: condition	1.0	2.0
DT05_R03	Diet: low fiber: joined	2.0	2.0
DT05_R04	Diet: low fiber: health	1.0	2.0
DT05_R05	Diet: low fiber: weight loss	1.0	2.0
DT05_R06	Diet: low fiber: existing condition	2.0	2.0
DT05_R07	Diet: low fiber: other	1.0	2.0
DT05_SRC	Diet: low fiber: source	1.0	99.0
DT06_YN	Diet: high fiber: yes or no	1.0	9.0
DT06_R01	Diet: high fiber: doctor	1.0	2.0
DT06_R02	Diet: high fiber: condition	1.0	8.0
DT06_R03	Diet: high fiber: joined	1.0	2.0
DT06_R04	Diet: high fiber: health	1.0	2.0
DT06_R05	Diet: high fiber: weight loss	1.0	2.0
DT06_R06	Diet: high fiber: existing condition	1.0	2.0
DT06_R07	Diet: high fiber: other	1.0	9.0
DT06_SRC	Diet: high fiber: source	1.0	99.0
DT07_YN	Diet: diabetic: yes or no	1.0	9.0
DT07_R01	Diet: diabetic: doctor	1.0	9.0
DT07_R02	Diet: diabetic: condition	1.0	9.0
DT07_R03	Diet: diabetic: joined	1.0	9.0
DT07_R04	Diet: diabetic: health	1.0	9.0
DT07_R05	Diet: diabetic: weight loss	1.0	9.0
DT07_R06	Diet: diabetic: existing condition	1.0	2.0

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Variable	Label	Minimum	Maximum
DT07_R07	Diet: diabetic: other	1.0	9.0
DT07_SRC	Diet: diabetic: source	1.0	99.0
DT08_YN	Diet: weight gain: yes or no	1.0	2.0
DT08_R01	Diet: weight gain: doctor	1.0	2.0
DT08_R02	Diet: weight gain: condition	2.0	2.0
DT08_R03	Diet: weight gain: joined	2.0	2.0
DT08_R04	Diet: weight gain: health	1.0	2.0
DT08_R05	Diet: weight gain: weight loss	2.0	2.0
DT08_R06	Diet: weight gain: existing condition	2.0	2.0
DT08_R07	Diet: weight gain: other	1.0	9.0
DT08_SRC	Diet: weight gain: source	2.0	99.0
DT09_YN	Diet: hypoglycemic: yes or no	1.0	2.0
DT09_R01	Diet: hypoglycemic: doctor	1.0	1.0
DT09_R02	Diet: hypoglycemic: condition	1.0	2.0
DT09_R03	Diet: hypoglycemic: joined	2.0	2.0
DT09_R04	Diet: hypoglycemic: health	1.0	1.0
DT09_R05	Diet: hypoglycemic: weight loss	1.0	2.0
DT09_R06	Diet: hypoglycemic: existing cond.	2.0	2.0
DT09_R07	Diet: hypoglycemic: other	2.0	9.0
DT09_SRC	Diet: hypoglycemic: yes or no	2.0	99.0
DT10_YN	Diet: ulcer: source	1.0	2.0
DT10_R01	Diet: ulcer: doctor	1.0	2.0
DT10_R02	Diet: ulcer: condition	1.0	2.0
DT10_R03	Diet: ulcer: joined	2.0	2.0
DT10_R04	Diet: ulcer: health	1.0	2.0
DT10_R05	Diet: ulcer: weight loss	1.0	2.0
DT10_R06	Diet: ulcer: existing condition	1.0	2.0
DT10_R07	Diet: ulcer: other	2.0	2.0
DT10_SRC	Diet: ulcer: source	2.0	4.0
DT11_YN	Diet: other: yes or no	1.0	9.0
DT11_R01	Diet: other: doctor	1.0	9.0
DT11_R02	Diet: other: condition	1.0	9.0
DT11_R03	Diet: other: joined	1.0	9.0
DT11_R04	Diet: other: health	1.0	9.0
DT11_R05	Diet: other: weight loss	1.0	9.0
DT11_R06	Diet: other: existing condition	1.0	2.0
DT11_R07	Diet: other: other	1.0	9.0
DT11_SRC	Diet: other: source	1.0	99.0
VEGET	Vegetarian	1.0	9.0
VT_FREQ	Vit sup: frequency	1.0	9.0
VT_MULT	Vit sup: multivitamin	1.0	9.0
VT_MULT2	Vit sup: multi plus	1.0	9.0
VT_CIRON	Vit sup: C and iron	1.0	9.0
VT_SNGL	Vit sup: any singles	1.0	9.0
VT_SNG01	Vit sup: vitamin A	1.0	9.0
VT_SNG02	Vit sup: vitamin B	1.0	9.0
VT_SNG03	Vit sup: vitamin C	1.0	9.0
VT_SNG04	Vit sup: vitamin D	1.0	9.0
VT_SNG05	Vit sup: vitamin E	1.0	9.0

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Variable	Label	Minimum	Maximum
VT_SNG06	Vit sup: calcium	1.0	9.0
VT_SNG07	Vit sup: folacin	1.0	9.0
VT_SNG08	Vit sup: fluoride	1.0	9.0
VT_SNG09	Vit sup: iron	1.0	9.0
VT_SNG10	Vit sup: zinc	1.0	9.0
VT_SNG11	Vit sup: selenium	1.0	9.0
VT_SNG12	Vit sup: chromium	1.0	9.0
VT_SNG13	Vit sup: beta carotene	1.0	2.0
VT_SNG14	Vit sup: biotin	1.0	2.0
VT_SNG15	Vit sup: boron	2.0	2.0
VT_SNG16	Vit sup: chloride	1.0	2.0
VT_SNG17	Vit sup: copper	1.0	2.0
VT_SNG18	Vit sup: iodine	1.0	2.0
VT_SNG19	Vit sup: magnesium	1.0	2.0
VT_SNG20	Vit sup: molybdenum	2.0	2.0
VT_SNG21	Vit sup: pantothenic acid	1.0	2.0
VT_SNG22	Vit sup: phosphorus	1.0	2.0
VT_SNG23	Vit sup: potassium	1.0	2.0
VT_SNG24	Vit sup: sodium	1.0	2.0
VT_SNG25	Vit sup: vitamin K	1.0	2.0
VT_SNG26	Vit sup: other	1.0	9.0
FISH_OIL	Fish oil supplement	1.0	9.0
FIBER	Fiber supplement	1.0	9.0
CHOL_CHK	Blood cholesterol checked	1.0	9.0
HGT_SP	Height of SP	12.0	99.0
WGT_SP	Weight of SP	4.0	999.0
BMI_SP	Body mass index	6.7	100.0
HEALTH	Health status	1.0	9.0
ALLERGY	Allergy: yes or no	1.0	9.0
ALLERG01	Allergy: wheat	1.0	9.0
ALLERG02	Allergy: cow's milk	1.0	9.0
ALLERG03	Allergy: eggs	1.0	9.0
ALLERG04	Allergy: fish	1.0	9.0
ALLERG05	Allergy: corn	1.0	9.0
ALLERG06	Allergy: peanuts	1.0	9.0
ALLERG07	Allergy: other nuts	1.0	9.0
ALLERG08	Allergy: soy products	1.0	9.0
ALLERG09	Allergy: chocolate	1.0	2.0
ALLERG10	Allergy: other dairy	1.0	2.0
ALLERG11	Allergy: other vegetables	1.0	2.0
ALLERG12	Allergy: specified fruits	1.0	2.0
ALLERG13	Allergy: pork	1.0	2.0
ALLERG14	Allergy: wine / alcohol	1.0	2.0
ALLERG15	Allergy: food additives	1.0	2.0
ALLERG16	Allergy: other meats	1.0	2.0
ALLERG17	Allergy: specified spices	1.0	2.0
ALLERG18	Allergy: other	1.0	9.0
DOCTOR1	Doctor told: diabetes	1.0	9.0
DOCTOR2	Doctor told: high blood pressure	1.0	9.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
DOCTOR3	Doctor told: heart disease	1.0	9.0
DOCTOR4	Doctor told: cancer	1.0	9.0
DOCTOR5	Doctor told: osteoporosis	1.0	9.0
DOCTOR6	Doctor told: high blood cholesterol	1.0	9.0
DOCTOR7	Doctor told: stroke	1.0	9.0
EXERCISE	Exercise frequency	1.0	9.0
SMK_100	Smoke: 100 cigarettes	1.0	9.0
SMK_NOW	Smoke: now	1.0	9.0
SMK_DAY	Smoke: # per day	0.0	999.0
ALC_ANY	Alcohol: any in year	1.0	9.0
ALC_BEER	Alcohol: beer	1.0	9.0
ALC_WINE	Alcohol: wine	1.0	9.0
ALC_LIQR	Alcohol: liquor	1.0	9.0
ALC_OTHR	Alcohol: other	1.0	9.0
EATEN_01	Eaten: artichokes	1.0	9.0
EATEN_02	Eaten: asparagus	1.0	9.0
EATEN_03	Eaten: broccoli	1.0	9.0
EATEN_04	Eaten: brussels sprouts	1.0	9.0
EATEN_05	Eaten: cauliflower	1.0	9.0
EATEN_06	Eaten: eggplant	1.0	9.0
EATEN_07	Eaten: kale	1.0	9.0
EATEN_08	Eaten: swiss chard	1.0	9.0
EATEN_09	Eaten: okra	1.0	9.0
EATEN_10	Eaten: spinach	1.0	9.0
EATEN_11	Eaten: summer squash	1.0	9.0
EATEN_12	Eaten: winter squash	1.0	9.0
EATEN_13	Eaten: yams	1.0	9.0
EATEN_14	Eaten: turnips	1.0	9.0
EATEN_15	Eaten: avocado	1.0	9.0
EATEN_16	Eaten: grapefruit	1.0	9.0
EATEN_17	Eaten: cantaloupe	1.0	9.0
EATEN_18	Eaten: honeydew	1.0	9.0
EATEN_19	Eaten: watermelon	1.0	9.0
EATEN_20	Eaten: nectarines	1.0	9.0
EATEN_21	Eaten: pears	1.0	9.0
EATEN_22	Eaten: plums	1.0	9.0
EATEN_23	Eaten: rhubarb	1.0	9.0
EATEN_24	Eaten: chicken liver	1.0	9.0
EATEN_25	Eaten: beef, veal or pork liver	1.0	9.0
EATEN_26	Eaten: lamb	1.0	9.0
EATEN_27	Eaten: shellfish	1.0	9.0
EATEN_28	Eaten: fish	1.0	9.0
EATEN_29	Eaten: caught fish	1.0	9.0
D1_LANG	Day 1: language	1.0	2.0
D1_PROXY	Day 1: proxy	1.0	2.0
D1_MAINR	Day 1: main respondent	1.0	99.0
D1_SEC01	Day 1: Sec. resp.: no one	1.0	2.0
D1_SEC02	Day 1: Sec. resp.: SP	1.0	2.0
D1_SEC03	Day 1: Sec. resp.: mother	1.0	2.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
D1_SEC04	Day 1: Sec. resp.: father	1.0	2.0
D1_SEC05	Day 1: Sec. resp.: wife	1.0	2.0
D1_SEC06	Day 1: Sec. resp.: husband	1.0	2.0
D1_SEC07	Day 1: Sec. resp.: daughter	1.0	2.0
D1_SEC08	Day 1: Sec. resp.: son	1.0	2.0
D1_SEC09	Day 1: Sec. resp.: sister	1.0	2.0
D1_SEC10	Day 1: Sec. resp.: brother	1.0	2.0
D1_SEC11	Day 1: Sec. resp.: grandparent	1.0	2.0
D1_SEC12	Day 1: Sec. resp.: aunt	1.0	2.0
D1_SEC13	Day 1: Sec. resp.: uncle	1.0	2.0
D1_SEC14	Day 1: Sec. resp.: friend	1.0	2.0
D1_SEC15	Day 1: Sec. resp.: translator	1.0	2.0
D1_SEC16	Day 1: Sec. resp.: provider	1.0	2.0
D1_SEC17	Day 1: Sec. resp.: other relative	1.0	2.0
D1_SEC18	Day 1: Sec. resp.: other	1.0	2.0
D1_DIFF	Day 1: difficulty with interview?	1.0	9.0
D1_HEAR	Day 1: could answers be overheard?	1.0	9.0
D1_DATAR	Day 1: data retrieval necessary?	1.0	9.0
D2_LANG	Day 2: language	1.0	2.0
D2_PROXY	Day 2: proxy	1.0	2.0
D2_PHONE	Day 2: phone	1.0	2.0
D2_MAINR	Day 2: main respondent	1.0	99.0
D2_SEC01	Day 2: Sec. resp.: no one	1.0	2.0
D2_SEC02	Day 2: Sec. resp.: SP	1.0	2.0
D2_SEC03	Day 2: Sec. resp.: mother	1.0	2.0
D2_SEC04	Day 2: Sec. resp.: father	1.0	2.0
D2_SEC05	Day 2: Sec. resp.: wife	1.0	2.0
D2_SEC06	Day 2: Sec. resp.: husband	1.0	2.0
D2_SEC07	Day 2: Sec. resp.: daughter	1.0	2.0
D2_SEC08	Day 2: Sec. resp.: son	1.0	2.0
D2_SEC09	Day 2: Sec. resp.: sister	1.0	2.0
D2_SEC10	Day 2: Sec. resp.: brother	1.0	2.0
D2_SEC11	Day 2: Sec. resp.: grandparent	1.0	2.0
D2_SEC12	Day 2: Sec. resp.: aunt	1.0	2.0
D2_SEC13	Day 2: Sec. resp.: uncle	1.0	2.0
D2_SEC14	Day 2: Sec. resp.: friend	1.0	2.0
D2_SEC15	Day 2: Sec. resp.: translator	1.0	2.0
D2_SEC16	Day 2: Sec. resp.: provider	1.0	2.0
D2_SEC17	Day 2: Sec. resp.: other relative	1.0	2.0
D2_SEC18	Day 2: Sec. resp.: other	1.0	2.0
D2_DIFF	Day 2: difficulty with interview?	1.0	9.0
D2_DATAR	Day 2: data retrieval necessary?	1.0	9.0
YEAR	Year of survey	1994.0	1998.0
WTA_DAY1	Final annual day 1 weight	580.0	669591.0
WTA_2DAY	Final annual two day weight	507.0	1058203.0
WT3_DAY1	Final 3-year day 1 weight	1404.0	226692.0
WT3_2DAY	Final 3-year two day weight	1016.0	434881.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
RT	Record type	541550.0
HHID	Household ID	568887640.0
SPNUM	Sample person number	38281.0
VARSTRAT	Variance-estimation stratum	364584.0
VARUNIT	Variance-estimation unit	32780.0
REGION	Region	57357.0
URB	Urbanization	41798.0
HHSIZE	Household size	81549.0
INCOME	Annual income: total	836693653.0
INCREP	Annual income: actual report	55063.0
PCTPOV	Annual income: percent of poverty	4441342.0
POVCAT	Annual income: % of poverty category	43724.0
IMPFLAG	Annual income: imputation flag	30647.0
FS_RCV12	Food stamps: in last 12 months	41374.0
AGE	Age in years	550082.0
AGE_M	Age in months	8598.0
SEX	Sex	32337.0
REL_REF	Relationship to reference person	35644.0
RACE	Race	33251.0
ORIGIN	Hispanic origin	100481.0
HEAD_HH	Head of household	35209.0
PL_STAT	Pregnant/lactating status	104004.0
BF_STAT	Breastfeeding status	58905.0
FS_AUTH	Food stamps: authorized	42355.0
COMP_D1	Day 1 flag	21662.0
COMP_D2	Day 2 flag	22717.0
COMP_DHK	DHKS flag	37559.0
WT4_DAY1	Final 4-year day 1 weight	261897244.0
WT4_2DAY	Final 4-year two day weight	261897236.0
GRADE	Highest grade completed	1166772.0
EMP_LW	Work: at all last week	16083.0
EMP_ABS	Work: temporarily absent	10220.0
EMP_HRS	Work: hours last week	296097.0
EMP_HRU	Work: hours usual	368594.0
EMP_OCC	Work: occupation	32204.0
EMP_RES	Work: reason for not working	25181.0
EMP_STAT	Employment status	82569.0
PLAN_YN	Meal planner: yes or no	38110.0
PLAN_ONE	Meal planner: only	7834.0
SHOP_YN	Food shopper: yes or no	37713.0
SHOP_ONE	Food shopper: only	8616.0
PREP_YN	Food preparer: yes or no	38001.0
PREP_ONE	Food preparer: only	8097.0
PRG_MON	Number of months pregnant	971.0
WIC_YN	WIC: receiving benefits	43085.0
WIC_TIME	WIC: how long receiving benefits	21535.0
WIC_UNIT	WIC: unit for WIC_TIME	2598.0
SCHOOL	Attends school	57937.0
LCH_SERV	School lunch: served	3943.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
LCH_NUM	School lunch: # reported	13043.0
LCH_UNIT	School lunch: unit for LCH_NUM	2763.0
LCH_COST	School lunch: cost	6016.0
BRK_SERV	School breakfast: served	5548.0
BRK_NUM	School breakfast: # per week	5443.0
BRK_UNIT	School breakfast: unit for BRK_NUM	944.0
BRK_COST	School breakfast: cost	1648.0
CCARE_ML	Meals/snacks from child care	58415.0
WT_BASE	Base weight	556425829.0
WT_ADJ	Adjusted base weight	705258274.0
D1_MNTH	Day 1: month of intake	139076.0
D1_DATE	Day 1: date of intake	342688.0
D1_YEAR	Day 1: year of intake	43232013.0
D1_DAY	Day 1: day of week of intake	83345.0
D1_NREC	Day 1: number of food records	311153.0
D1_AMTUS	Day 1: Amount usual	29639.0
D1_LESS	Day 1: Reason for less	54141.0
D1_MORE	Day 1: Reason for more	29195.0
D1_H2O_O	Day 1: amount of water	634554.0
D1_H2O_H	Day 1: water from home	31896.0
D1_H2O_A	Day 1: away from home water	10513.0
D1_TV	Day 1: Hours of TV / video	78631.0
D2_MNTH	Day 2: month of intake	136500.0
D2_DATE	Day 2: date of intake	324918.0
D2_YEAR	Day 2: year of intake	41126685.0
D2_DAY	Day 2: day of week of intake	71503.0
D2_NREC	Day 2: number of food records	287676.0
D2_AMTUS	Day 2: Amount usual	27921.0
D2_LESS	Day 2: Reason for less	47904.0
D2_MORE	Day 2: Reason for more	25811.0
D2_H2O_O	Day 2: amount of water	607609.0
D2_H2O_H	Day 2: water from home	30141.0
D2_H2O_A	Day 2: away from home water	10739.0
D2_TV	Day 2: Hours of TV / video	80009.0
SALT_TYP	Salt type	68035.0
SALT_FRQ	Salt frequency	31480.0
DT_ANY	Diet: on any diet	41584.0
DT01_YN	Diet: low cal: yes or no	3260.0
DT01_R01	Diet: low cal: doctor	1150.0
DT01_R02	Diet: low cal: condition	1278.0
DT01_R03	Diet: low cal: joined	1300.0
DT01_R04	Diet: low cal: health	880.0
DT01_R05	Diet: low cal: weight loss	815.0
DT01_R06	Diet: low cal: existing condition	1337.0
DT01_R07	Diet: low cal: other	1551.0
DT01_SRC	Diet: low cal: source	6061.0
DT02_YN	Diet: low fat: yes or no	3067.0
DT02_R01	Diet: low fat: doctor	1194.0
DT02_R02	Diet: low fat: condition	1523.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
DT02_R03	Diet: low fat: joined	1674.0
DT02_R04	Diet: low fat: health	1130.0
DT02_R05	Diet: low fat: weight loss	1422.0
DT02_R06	Diet: low fat: existing condition	1715.0
DT02_R07	Diet: low fat: other	1927.0
DT02_SRC	Diet: low fat: source	7460.0
DT03_YN	Diet: low salt: yes or no	3470.0
DT03_R01	Diet: low salt: doctor	600.0
DT03_R02	Diet: low salt: condition	818.0
DT03_R03	Diet: low salt: joined	958.0
DT03_R04	Diet: low salt: health	658.0
DT03_R05	Diet: low salt: weight loss	848.0
DT03_R06	Diet: low salt: existing condition	910.0
DT03_R07	Diet: low salt: other	1020.0
DT03_SRC	Diet: low salt: source	3307.0
DT04_YN	Diet: low sugar: yes or no	3639.0
DT04_R01	Diet: low sugar: doctor	407.0
DT04_R02	Diet: low sugar: condition	521.0
DT04_R03	Diet: low sugar: joined	623.0
DT04_R04	Diet: low sugar: health	423.0
DT04_R05	Diet: low sugar: weight loss	517.0
DT04_R06	Diet: low sugar: existing condition	574.0
DT04_R07	Diet: low sugar: other	681.0
DT04_SRC	Diet: low sugar: source	2611.0
DT05_YN	Diet: low fiber: yes or no	3916.0
DT05_R01	Diet: low fiber: doctor	22.0
DT05_R02	Diet: low fiber: condition	35.0
DT05_R03	Diet: low fiber: joined	38.0
DT05_R04	Diet: low fiber: health	32.0
DT05_R05	Diet: low fiber: weight loss	36.0
DT05_R06	Diet: low fiber: existing condition	38.0
DT05_R07	Diet: low fiber: other	36.0
DT05_SRC	Diet: low fiber: source	423.0
DT06_YN	Diet: high fiber: yes or no	3794.0
DT06_R01	Diet: high fiber: doctor	200.0
DT06_R02	Diet: high fiber: condition	255.0
DT06_R03	Diet: high fiber: joined	264.0
DT06_R04	Diet: high fiber: health	170.0
DT06_R05	Diet: high fiber: weight loss	225.0
DT06_R06	Diet: high fiber: existing condition	280.0
DT06_R07	Diet: high fiber: other	306.0
DT06_SRC	Diet: high fiber: source	1604.0
DT07_YN	Diet: diabetic: yes or no	3622.0
DT07_R01	Diet: diabetic: doctor	350.0
DT07_R02	Diet: diabetic: condition	496.0
DT07_R03	Diet: diabetic: joined	637.0
DT07_R04	Diet: diabetic: health	453.0
DT07_R05	Diet: diabetic: weight loss	579.0
DT07_R06	Diet: diabetic: existing condition	619.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
DT07_R07	Diet: diabetic: other	720.0
DT07_SRC	Diet: diabetic: source	2684.0
DT08_YN	Diet: weight gain: yes or no	3913.0
DT08_R01	Diet: weight gain: doctor	17.0
DT08_R02	Diet: weight gain: condition	30.0
DT08_R03	Diet: weight gain: joined	30.0
DT08_R04	Diet: weight gain: health	19.0
DT08_R05	Diet: weight gain: weight loss	30.0
DT08_R06	Diet: weight gain: existing condition	30.0
DT08_R07	Diet: weight gain: other	35.0
DT08_SRC	Diet: weight gain: source	129.0
DT09_YN	Diet: hypoglycemic: yes or no	3925.0
DT09_R01	Diet: hypoglycemic: doctor	3.0
DT09_R02	Diet: hypoglycemic: condition	4.0
DT09_R03	Diet: hypoglycemic: joined	6.0
DT09_R04	Diet: hypoglycemic: health	3.0
DT09_R05	Diet: hypoglycemic: weight loss	4.0
DT09_R06	Diet: hypoglycemic: existing cond.	6.0
DT09_R07	Diet: hypoglycemic: other	13.0
DT09_SRC	Diet: hypoglycemic: yes or no	103.0
DT10_YN	Diet: ulcer: source	3914.0
DT10_R01	Diet: ulcer: doctor	15.0
DT10_R02	Diet: ulcer: condition	27.0
DT10_R03	Diet: ulcer: joined	28.0
DT10_R04	Diet: ulcer: health	21.0
DT10_R05	Diet: ulcer: weight loss	25.0
DT10_R06	Diet: ulcer: existing condition	27.0
DT10_R07	Diet: ulcer: other	28.0
DT10_SRC	Diet: ulcer: source	30.0
DT11_YN	Diet: other: yes or no	3770.0
DT11_R01	Diet: other: doctor	230.0
DT11_R02	Diet: other: condition	327.0
DT11_R03	Diet: other: joined	352.0
DT11_R04	Diet: other: health	275.0
DT11_R05	Diet: other: weight loss	331.0
DT11_R06	Diet: other: existing condition	320.0
DT11_R07	Diet: other: other	322.0
DT11_SRC	Diet: other: source	2099.0
VEGET	Vegetarian	43188.0
VT_FREQ	Vit sup: frequency	49738.0
VT_MULT	Vit sup: multivitamin	16010.0
VT_MULT2	Vit sup: multi plus	16737.0
VT_CIRON	Vit sup: C and iron	19922.0
VT_SINGL	Vit sup: any singles	17887.0
VT_SNG01	Vit sup: vitamin A	4898.0
VT_SNG02	Vit sup: vitamin B	4556.0
VT_SNG03	Vit sup: vitamin C	3708.0
VT_SNG04	Vit sup: vitamin D	4978.0
VT_SNG05	Vit sup: vitamin E	4258.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
VT_SNG06	Vit sup: calcium	4440.0
VT_SNG07	Vit sup: folacin	5080.0
VT_SNG08	Vit sup: fluoride	4917.0
VT_SNG09	Vit sup: iron	4866.0
VT_SNG10	Vit sup: zinc	4914.0
VT_SNG11	Vit sup: selenium	5034.0
VT_SNG12	Vit sup: chromium	5008.0
VT_SNG13	Vit sup: beta carotene	4982.0
VT_SNG14	Vit sup: biotin	5049.0
VT_SNG15	Vit sup: boron	5052.0
VT_SNG16	Vit sup: chloride	5051.0
VT_SNG17	Vit sup: copper	5045.0
VT_SNG18	Vit sup: iodine	5049.0
VT_SNG19	Vit sup: magnesium	5007.0
VT_SNG20	Vit sup: molybdenum	5052.0
VT_SNG21	Vit sup: pantothenic acid	5048.0
VT_SNG22	Vit sup: phosphorus	5047.0
VT_SNG23	Vit sup: potassium	4992.0
VT_SNG24	Vit sup: sodium	5051.0
VT_SNG25	Vit sup: vitamin K	5050.0
VT_SNG26	Vit sup: other	5008.0
FISH_OIL	Fish oil supplement	43394.0
FIBER	Fiber supplement	43196.0
CHOL_CHK	Blood cholesterol checked	42027.0
HGT_SP	Height of SP	1247607.0
WGT_SP	Weight of SP	3008008.0
BMI_SP	Body mass index	645885.9
HEALTH	Health status	43669.0
ALLERGY	Allergy: yes or no	41951.0
ALLERG01	Allergy: wheat	3455.0
ALLERG02	Allergy: cow's milk	3006.0
ALLERG03	Allergy: eggs	3381.0
ALLERG04	Allergy: fish	3252.0
ALLERG05	Allergy: corn	3456.0
ALLERG06	Allergy: peanuts	3384.0
ALLERG07	Allergy: other nuts	3398.0
ALLERG08	Allergy: soy products	3460.0
ALLERG09	Allergy: chocolate	3293.0
ALLERG10	Allergy: other dairy	3310.0
ALLERG11	Allergy: other vegetables	3156.0
ALLERG12	Allergy: specified fruits	3051.0
ALLERG13	Allergy: pork	3366.0
ALLERG14	Allergy: wine / alcohol	3380.0
ALLERG15	Allergy: food additives	3329.0
ALLERG16	Allergy: other meats	3356.0
ALLERG17	Allergy: specified spices	3361.0
ALLERG18	Allergy: other	3254.0
DOCTOR1	Doctor told: diabetes	42980.0
DOCTOR2	Doctor told: high blood pressure	41305.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
DOCTOR3	Doctor told: heart disease	42771.0
DOCTOR4	Doctor told: cancer	43151.0
DOCTOR5	Doctor told: osteoporosis	43550.0
DOCTOR6	Doctor told: high blood cholesterol	42239.0
DOCTOR7	Doctor told: stroke	43577.0
EXERCISE	Exercise frequency	114941.0
SMK_100	Smoke: 100 cigarettes	17615.0
SMK_NOW	Smoke: now	8017.0
SMK_DAY	Smoke: # per day	60984.0
ALC_ANY	Alcohol: any in year	16273.0
ALC_BEER	Alcohol: beer	8503.0
ALC_WINE	Alcohol: wine	9146.0
ALC_LIQR	Alcohol: liquor	9311.0
ALC_OTHR	Alcohol: other	14343.0
EATEN_01	Eaten: artichokes	38826.0
EATEN_02	Eaten: asparagus	33851.0
EATEN_03	Eaten: broccoli	25513.0
EATEN_04	Eaten: brussels sprouts	36286.0
EATEN_05	Eaten: cauliflower	29485.0
EATEN_06	Eaten: eggplant	37101.0
EATEN_07	Eaten: kale	39811.0
EATEN_08	Eaten: swiss chard	40764.0
EATEN_09	Eaten: okra	35874.0
EATEN_10	Eaten: spinach	29535.0
EATEN_11	Eaten: summer squash	30330.0
EATEN_12	Eaten: winter squash	34841.0
EATEN_13	Eaten: yams	26979.0
EATEN_14	Eaten: turnips	37143.0
EATEN_15	Eaten: avocado	33558.0
EATEN_16	Eaten: grapefruit	31906.0
EATEN_17	Eaten: cantaloupe	25711.0
EATEN_18	Eaten: honeydew	30143.0
EATEN_19	Eaten: watermelon	24331.0
EATEN_20	Eaten: nectarines	30577.0
EATEN_21	Eaten: pears	25988.0
EATEN_22	Eaten: plums	28596.0
EATEN_23	Eaten: rhubarb	39345.0
EATEN_24	Eaten: chicken liver	37352.0
EATEN_25	Eaten: beef, veal or pork liver	36583.0
EATEN_26	Eaten: lamb	37392.0
EATEN_27	Eaten: shellfish	30028.0
EATEN_28	Eaten: fish	25111.0
EATEN_29	Eaten: caught fish	28456.0
D1_LANG	Day 1: language	22347.0
D1_PROXY	Day 1: proxy	43133.0
D1_MAINR	Day 1: main respondent	97872.0
D1_SEC01	Day 1: Sec. resp.: no one	29361.0
D1_SEC02	Day 1: Sec. resp.: SP	41730.0
D1_SEC03	Day 1: Sec. resp.: mother	41532.0

Control statistics for sample person record type 25,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
D1_SEC04	Day 1: Sec. resp.: father	42363.0
D1_SEC05	Day 1: Sec. resp.: wife	42002.0
D1_SEC06	Day 1: Sec. resp.: husband	42963.0
D1_SEC07	Day 1: Sec. resp.: daughter	43194.0
D1_SEC08	Day 1: Sec. resp.: son	43245.0
D1_SEC09	Day 1: Sec. resp.: sister	42967.0
D1_SEC10	Day 1: Sec. resp.: brother	43122.0
D1_SEC11	Day 1: Sec. resp.: grandparent	43064.0
D1_SEC12	Day 1: Sec. resp.: aunt	43219.0
D1_SEC13	Day 1: Sec. resp.: uncle	43299.0
D1_SEC14	Day 1: Sec. resp.: friend	43134.0
D1_SEC15	Day 1: Sec. resp.: translator	43198.0
D1_SEC16	Day 1: Sec. resp.: provider	43211.0
D1_SEC17	Day 1: Sec. resp.: other relative	43258.0
D1_SEC18	Day 1: Sec. resp.: other	43303.0
D1_DIFF	Day 1: difficulty with interview?	46636.0
D1_HEAR	Day 1: could answers be overheard?	20479.0
D1_DATAR	Day 1: data retrieval necessary?	71231.0
D2_LANG	Day 2: language	21278.0
D2_PROXY	Day 2: proxy	41039.0
D2_PHONE	Day 2: phone	22189.0
D2_MAINR	Day 2: main respondent	138242.0
D2_SEC01	Day 2: Sec. resp.: no one	27498.0
D2_SEC02	Day 2: Sec. resp.: SP	39838.0
D2_SEC03	Day 2: Sec. resp.: mother	39719.0
D2_SEC04	Day 2: Sec. resp.: father	40570.0
D2_SEC05	Day 2: Sec. resp.: wife	40062.0
D2_SEC06	Day 2: Sec. resp.: husband	40951.0
D2_SEC07	Day 2: Sec. resp.: daughter	41115.0
D2_SEC08	Day 2: Sec. resp.: son	41159.0
D2_SEC09	Day 2: Sec. resp.: sister	40925.0
D2_SEC10	Day 2: Sec. resp.: brother	41048.0
D2_SEC11	Day 2: Sec. resp.: grandparent	40987.0
D2_SEC12	Day 2: Sec. resp.: aunt	41119.0
D2_SEC13	Day 2: Sec. resp.: uncle	41200.0
D2_SEC14	Day 2: Sec. resp.: friend	41083.0
D2_SEC15	Day 2: Sec. resp.: translator	41126.0
D2_SEC16	Day 2: Sec. resp.: provider	41113.0
D2_SEC17	Day 2: Sec. resp.: other relative	41162.0
D2_SEC18	Day 2: Sec. resp.: other	41197.0
D2_DIFF	Day 2: difficulty with interview?	47719.0
D2_DATAR	Day 2: data retrieval necessary?	50542.0
YEAR	Year of survey	43231966.0
WTA_DAY1	Final annual day 1 weight	825826029.0
WTA_2DAY	Final annual two day weight	825825998.0
WT3_DAY1	Final 3-year day 1 weight	261897277.0
WT3_2DAY	Final 3-year two day weight	261897260.0

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
RT	Record type	598829	30.0
HHID	Household ID	598829	26088.1
SPNUM	SP number	598829	1.7
VARSTRAT	Variance-estimation stratum	598829	16.7
VARUNIT	Variance-estimation unit	598829	1.5
REGION	Region	598829	2.6
URB	Urbanization	598829	1.9
HHSIZE	Household size	598829	3.7
INCOME	Annual income: total	598829	40194.1
INCREP	Annual income: actual report	598829	2.5
PCTPOV	Annual income: percent of poverty	598829	211.6
POVCAT	Annual income: % of poverty category	598829	2.1
IMPFLAG	Annual income: imputation flag	598829	1.4
FS_RCV12	Food stamps: in last 12 months	598829	1.9
AGE	Age in years	598829	26.7
AGE_M	Age in months	30686	6.1
SEX	Sex	598829	1.5
REL_REF	Relationship to reference person	598829	1.6
RACE	Race	598829	1.5
ORIGIN	Hispanic origin	598829	4.7
HEAD_HH	Head of household	598829	1.6
PL_STAT	Pregnant/lactating status	598829	4.8
BF_STAT	Breastfeeding status	598829	2.7
FS_AUTH	Food stamps: authorized	598829	1.9
COMP_D1	Day 1 flag	598829	1.0
COMP_D2	Day 2 flag	598829	1.0
COMP_DHK	DHKS flag	598829	1.7
WT4_DAY1	Final 4-year day 1 weight	598829	12164.9
WT4_2DAY	Final 4-year two day weight	584004	12832.0
DAYCODE	Day of intake	598829	1.5
SEQNUM	Line item number	598829	8.6
FOODCODE	Food code	598829	55122930.4
MODCODE	Modification code	598829	7347.3
FOODAMT	Amount of food in grams	593674	128.4
OCC_TIME	Occasion: time	598829	1447.2
OCC_HR	Occasion: hour	598829	7.8
OCC_MIN	Occasion: minute	598829	13.8
OCC_AMPM	Occasion: am / pm	598829	1.7
OCC_NAME	Occasion: name	598829	4.9
FOODSRCE	Source of food item	598829	3.8
EATHOME	Was food eaten at home	591634	1.3
EVERHOME	Was food ever at home	163429	2.1
COMBNUM	Combination number	598829	1.1
COMBTYP	Combination type	286899	13.6
SALTUSED	Salt used in preparation	598829	1.1
HOWMANY	Original amount	598829	3.6
MEASRNUM	Measure description number	598829	32869.5
SUBCODE	Subcode	598829	7599.3
ENERGY	Food energy - kcal	593674	123.0

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
PROTEIN	Protein - g	593674	4.6
TFAT	Total fat - g	593674	4.6
SFAT	Saturated fat - g	593674	1.6
MFAT	Monounsaturated fat - g	593674	1.7
PFAT	Polyunsaturated fat - g	593674	0.9
CHOLES	Cholesterol - mg	593674	15.9
CARBO	Carbohydrate - g	593674	16.0
FIBER	Dietary fiber	593674	0.9
VITA_IU	Vitamin A - IU	593674	397.1
VITA_RE	Vitamin A - RE	593674	63.6
CARO	Carotene - RE	593674	27.9
VITE	Vitamin E - mg	593674	0.5
VITC	Vitamin C - mg	593674	6.8
THIAMIN	Thiamin - mg	593674	0.1
RIBO	Riboflavin - mg	593674	0.1
NIACIN	Niacin - mg	593674	1.3
VITB6	Vitamin B6 - mg	593674	0.1
FOLATE	Folate - mcg	593674	17.2
VITB12	Vitamin B12 - mcg	593674	0.3
CALCIUM	Calcium - mg	593674	55.4
PHOS	Phosphorus - mg	593674	77.8
MAGNES	Magnesium - mg	593674	16.3
IRON	Iron - mg	593674	1.0
ZINC	Zinc - mg	593674	0.7
COPPER	Copper - mg	593674	0.1
SODIUM	Sodium - mg	593674	196.4
POTASS	Potassium - mg	593674	164.2
ALCOHOL	Alcohol - g	593674	0.2
WATER	Water - g	593674	102.0
CALEQ	Dairy foods in calcium equiv. (mg)	96147	159.8
FA4_0	Fatty acid 4:0 - g	593674	0.0
FA6_0	Fatty acid 6:0 - g	593674	0.0
FA8_0	Fatty acid 8:0 - g	593674	0.0
FA10_0	Fatty acid 10:0 - g	593674	0.0
FA12_0	Fatty acid 12:0 - g	593674	0.1
FA14_0	Fatty acid 14:0 - g	593674	0.1
FA16_0	Fatty acid 16:0 - g	593674	0.9
FA18_0	Fatty acid 18:0 - g	593674	0.4
FA16_1	Fatty acid 16:1 - g	593674	0.1
FA18_1	Fatty acid 18:1 - g	593674	1.6
FA20_1	Fatty acid 20:1 - g	593674	0.0
FA22_1	Fatty acid 22:1 - g	593674	0.0
FA18_2	Fatty acid 18:2 - g	593674	0.8
FA18_3	Fatty acid 18:3 - g	593674	0.1
FA18_4	Fatty acid 18:4 - g	593674	0.0
FA20_4	Fatty acid 20:4 - g	593674	0.0
FA20_5	Fatty acid 20:5 - g	593674	0.0
FA22_5	Fatty acid 22:5 - g	593674	0.0
FA22_6	Fatty acid 22:6 - g	593674	0.0

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
CAFFEINE	Caffeine - mg	593674	8.3
THEOBROM	Theobromine - mg	593674	2.4
SELENIUM	Selenium - mcg	593674	6.0
YEAR	Year of survey	598829	1995.7
WTA_DAY1	Final annual day 1 weight	598829	38291.8
WTA_2DAY	Final annual two day weight	584004	40380.7
WT3_DAY1	Final 3-year day 1 weight	447713	16237.1
WT3_2DAY	Final 3-year two day weight	436521	17131.5

Variable	Label	Minimum	Maximum
RT	Record type	30.0	30.0
HHID	Household ID	10001.0	52852.0
SPNUM	SP number	1.0	11.0
VARSTRAT	Variance-estimation stratum	1.0	43.0
VARUNIT	Variance-estimation unit	1.0	2.0
REGION	Region	1.0	4.0
URB	Urbanization	1.0	3.0
HHSIZE	Household size	1.0	16.0
INCOME	Annual income: total	0.0	100000.0
INCREP	Annual income: actual report	1.0	9.0
PCTPOV	Annual income: percent of poverty	0.0	300.0
POVCAT	Annual income: % of poverty category	1.0	3.0
IMPFLAG	Annual income: imputation flag	1.0	5.0
FS_RCV12	Food stamps: in last 12 months	1.0	9.0
AGE	Age in years	0.0	90.0
AGE_M	Age in months	0.0	11.0
SEX	Sex	1.0	2.0
REL_REF	Relationship to reference person	0.0	12.0
RACE	Race	1.0	5.0
ORIGIN	Hispanic origin	1.0	5.0
HEAD_HH	Head of household	1.0	9.0
PL_STAT	Pregnant/lactating status	1.0	5.0
BF_STAT	Breastfeeding status	1.0	3.0
FS_AUTH	Food stamps: authorized	1.0	9.0
COMP_D1	Day 1 flag	1.0	1.0
COMP_D2	Day 2 flag	1.0	2.0
COMP_DHK	DHKS flag	1.0	2.0
WT4_DAY1	Final 4-year day 1 weight	340.0	226692.0
WT4_2DAY	Final 4-year two day weight	286.0	434881.0
DAYCODE	Day of intake	1.0	2.0
SEQNUM	Line item number	1.0	56.0
FOODCODE	Food code	11000000.0	94000000.0
MODCODE	Modification code	0.0	205031.0
FOODAMT	Amount of food in grams	0.0	9472.0
OCC_TIME	Occasion: time	0.0	9999.0
OCC_HR	Occasion: hour	1.0	99.0
OCC_MIN	Occasion: minute	0.0	99.0

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
OCC_AMPM	Occasion: am / pm	1.0	9.0
OCC_NAME	Occasion: name	1.0	99.0
FOODSRCE	Source of food item	1.0	99.0
EATHOME	Was food eaten at home	1.0	9.0
EVERHOME	Was food ever at home	1.0	9.0
COMBNUM	Combination number	0.0	17.0
COMBTYP	Combination type	1.0	99.0
SALTUSED	Salt used in preparation	0.0	9.0
HOWMANY	Original amount	0.0	1710.0
MEASRNUM	Measure description number	0.0	90010.0
SUBCODE	Subcode	0.0	1000302.0
ENERGY	Food energy - kcal	0.0	6576.4
PROTEIN	Protein - g	0.0	940.6
TFAT	Total fat - g	0.0	286.2
SFAT	Saturated fat - g	0.0	179.8
MFAT	Monounsaturated fat - g	0.0	117.6
PFAT	Polyunsaturated fat - g	0.0	91.0
CHOLEST	Cholesterol - mg	0.0	2559.0
CARBO	Carbohydrate - g	0.0	825.3
FIBER	Dietary fiber	0.0	122.4
VITA_IU	Vitamin A - IU	0.0	189046.4
VITA_RE	Vitamin A - RE	0.0	56177.2
CARO	Carotene - RE	0.0	13727.4
VITE	Vitamin E - mg	0.0	152.3
VITC	Vitamin C - mg	0.0	1713.1
THIAMIN	Thiamin - mg	0.0	7.6
RIBO	Riboflavin - mg	0.0	21.7
NIACIN	Niacin - mg	0.0	133.2
VITB6	Vitamin B6 - mg	0.0	12.5
FOLATE	Folate - mcg	0.0	3202.3
VITB12	Vitamin B12 - mcg	0.0	585.4
CALCIUM	Calcium - mg	0.0	6497.2
PHOS	Phosphorus - mg	0.0	7437.8
MAGNES	Magnesium - mg	0.0	1515.5
IRON	Iron - mg	0.0	174.6
ZINC	Zinc - mg	0.0	232.3
COPPER	Copper - mg	0.0	23.4
SODIUM	Sodium - mg	0.0	15558.5
POTASS	Potassium - mg	0.0	12535.8
ALCOHOL	Alcohol - g	0.0	725.8
WATER	Water - g	0.0	9405.7
CALEQ	Dairy foods in calcium equiv. (mg)	0.0	5441.5
FA4_0	Fatty acid 4:0 - g	0.0	9.3
FA6_0	Fatty acid 6:0 - g	0.0	5.1
FA8_0	Fatty acid 8:0 - g	0.0	7.2
FA10_0	Fatty acid 10:0 - g	0.0	6.7
FA12_0	Fatty acid 12:0 - g	0.0	35.5
FA14_0	Fatty acid 14:0 - g	0.0	29.4
FA16_0	Fatty acid 16:0 - g	0.0	80.3

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
FA18_0	Fatty acid 18:0 - g	0.0	37.7
FA16_1	Fatty acid 16:1 - g	0.0	22.2
FA18_1	Fatty acid 18:1 - g	0.0	107.6
FA20_1	Fatty acid 20:1 - g	0.0	6.2
FA22_1	Fatty acid 22:1 - g	0.0	8.8
FA18_2	Fatty acid 18:2 - g	0.0	90.8
FA18_3	Fatty acid 18:3 - g	0.0	12.3
FA18_4	Fatty acid 18:4 - g	0.0	1.4
FA20_4	Fatty acid 20:4 - g	0.0	6.9
FA20_5	Fatty acid 20:5 - g	0.0	4.5
FA22_5	Fatty acid 22:5 - g	0.0	1.4
FA22_6	Fatty acid 22:6 - g	0.0	5.5
CAFFEINE	Caffeine - mg	0.0	5493.8
THEOBROM	Theobromine - mg	0.0	2004.8
SELENIUM	Selenium - mcg	0.0	1314.8
YEAR	Year of survey	1994.0	1998.0
WTA_DAY1	Final annual day 1 weight	580.0	669591.0
WTA_2DAY	Final annual two day weight	507.0	1058203.0
WT3_DAY1	Final 3-year day 1 weight	1404.0	226692.0
WT3_2DAY	Final 3-year two day weight	1016.0	434881.0

Variable	Label	Sum
RT	Record type	17964870.0
HHID	Household ID	15622338825
SPNUM	SP number	1031167.0
VARSTRAT	Variance-estimation stratum	9976129.0
VARUNIT	Variance-estimation unit	903954.0
REGION	Region	1569114.0
URB	Urbanization	1158209.0
HHSIZE	Household size	2219212.0
INCOME	Annual income: total	24069385985
INCREP	Annual income: actual report	1496591.0
PCTPOV	Annual income: percent of poverty	126715830.0
POVCAT	Annual income: % of poverty category	1240247.0
IMPFLAG	Annual income: imputation flag	836423.0
FS_RCV12	Food stamps: in last 12 months	1143677.0
AGE	Age in years	16007278.0
AGE_M	Age in months	187319.0
SEX	Sex	888164.0
REL_REF	Relationship to reference person	947861.0
RACE	Race	896524.0
ORIGIN	Hispanic origin	2790649.0
HEAD_HH	Head of household	954250.0
PL_STAT	Pregnant/lactating status	2881352.0
BF_STAT	Breastfeeding status	1640254.0
FS_AUTH	Food stamps: authorized	1167689.0
COMP_D1	Day 1 flag	598829.0

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
COMP_D2	Day 2 flag	613654.0
COMP_DHK	DHKS flag	1028230.0
WT4_DAY1	Final 4-year day 1 weight	7284706098.0
WT4_2DAY	Final 4-year two day weight	7493931616.0
DAYCODE	Day of intake	886505.0
SEQNUM	Line item number	5145420.0
FOODCODE	Food code	3.3009209E13
MODCODE	Modification code	4399768889.0
FOODAMT	Amount of food in grams	76236995.4
OCC_TIME	Occasion: time	866649060.0
OCC_HR	Occasion: hour	4664534.0
OCC_MIN	Occasion: minute	8266991.0
OCC_AMPM	Occasion: am / pm	1026072.0
OCC_NAME	Occasion: name	2922436.0
FOODSRCE	Source of food item	2274245.0
EATHOME	Was food eaten at home	782277.0
EVERHOME	Was food ever at home	349391.0
COMBNUM	Combination number	678987.0
COMBTYPE	Combination type	3908325.0
SALTUSED	Salt used in preparation	653239.0
HOWMANY	Original amount	2136170.2
MEASRNUM	Measure description number	19683198629
SUBCODE	Subcode	4550706139.0
ENERGY	Food energy - kcal	73033536.2
PROTEIN	Protein - g	2714701.1
TFAT	Total fat - g	2717223.9
SFAT	Saturated fat - g	962668.2
MFAT	Monounsaturated fat - g	1033178.0
PFAT	Polyunsaturated fat - g	514683.7
CHOLE	Cholesterol - mg	9417693.1
CARBO	Carbohydrate - g	9469119.9
FIBER	Dietary fiber	538199.0
VITA_IU	Vitamin A - IU	235748046.3
VITA_RE	Vitamin A - RE	37759789.4
CARO	Carotene - RE	16582132.8
VITE	Vitamin E - mg	300879.2
VITC	Vitamin C - mg	4053224.5
THIAMIN	Thiamin - mg	59971.3
RIBO	Riboflavin - mg	75742.0
NIACIN	Niacin - mg	793250.6
VITB6	Vitamin B6 - mg	66009.1
FOLATE	Folate - mcg	10203890.3
VITB12	Vitamin B12 - mcg	179609.1
CALCIUM	Calcium - mg	32887290.7
PHOS	Phosphorus - mg	46167182.2
MAGNES	Magnesium - mg	9676848.9
IRON	Iron - mg	586463.8
ZINC	Zinc - mg	411755.7
COPPER	Copper - mg	42168.1

Control statistics for food item record type 30,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
SODIUM	Sodium - mg	116586803.4
POTASS	Potassium - mg	97475211.1
ALCOHOL	Alcohol - g	121516.7
WATER	Water - g	60583208.5
CALEQ	Dairy foods in calcium equiv. (mg)	15368215.6
FA4_0	Fatty acid 4:0 - g	20400.0
FA6_0	Fatty acid 6:0 - g	11152.9
FA8_0	Fatty acid 8:0 - g	9705.8
FA10_0	Fatty acid 10:0 - g	17978.6
FA12_0	Fatty acid 12:0 - g	35118.2
FA14_0	Fatty acid 14:0 - g	87788.3
FA16_0	Fatty acid 16:0 - g	515951.5
FA18_0	Fatty acid 18:0 - g	239138.9
FA16_1	Fatty acid 16:1 - g	50233.5
FA18_1	Fatty acid 18:1 - g	961292.1
FA20_1	Fatty acid 20:1 - g	4589.4
FA22_1	Fatty acid 22:1 - g	1473.4
FA18_2	Fatty acid 18:2 - g	457739.8
FA18_3	Fatty acid 18:3 - g	45850.1
FA18_4	Fatty acid 18:4 - g	116.0
FA20_4	Fatty acid 20:4 - g	4244.2
FA20_5	Fatty acid 20:5 - g	889.2
FA22_5	Fatty acid 22:5 - g	413.4
FA22_6	Fatty acid 22:6 - g	2008.7
CAFFEINE	Caffeine - mg	4949346.5
THEOBROM	Theobromine - mg	1426947.2
SELENIUM	Selenium - mcg	3581854.3
YEAR	Year of survey	1195108599.0
WTA_DAY1	Final annual day 1 weight	22930244740
WTA_2DAY	Final annual two day weight	23582510716
WT3_DAY1	Final 3-year day 1 weight	7269563514.0
WT3_2DAY	Final 3-year two day weight	7478278515.0

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
RT	Record type	62876	35.0
HHID	Household ID	62876	26230.8
SPNUM	Sample person number	62876	1.8
VARSTRAT	Variance-estimation stratum	62876	16.8
VARUNIT	Variance-estimation unit	62876	1.5
REGION	Region	62876	2.6
URB	Urbanization	62876	1.9
HHSIZE	Household size	62876	3.8
INCOME	Annual income: total	62876	38698.1
INCREP	Annual income: actual report	62876	2.5
PCTPOV	Annual income: percent of poverty	62876	205.3
POVCAT	Annual income: % of poverty category	62876	2.0
IMPFLAG	Annual income: imputation flag	62876	1.4
FS_RCV12	Food stamps: in last 12 months	62876	1.9
AGE	Age in years	62876	25.3
AGE_M	Age in months	4523	5.5
SEX	Sex	62876	1.5
REL_REF	Relationship to reference person	62876	1.6
RACE	Race	62876	1.5
ORIGIN	Hispanic origin	62876	4.6
HEAD_HH	Head of household	62876	1.6
PL_STAT	Pregnant/lactating status	62876	4.8
BF_STAT	Breastfeeding status	62876	2.7
FS_AUTH	Food stamps: authorized	62876	1.9
COMP_D1	Day 1 flag	62876	1.0
COMP_D2	Day 2 flag	62876	1.0
COMP_DHK	DHKS flag	62876	1.7
WT4_DAY1	Final 4-year day 1 weight	62876	12029.4
WT4_2DAY	Final 4-year two day weight	61821	12709.1
DAYCODE	Day / average code	62876	2.3
BMILK	Breast milk consumption flag	62876	0.0
GRAIN0	Total grain products	62876	258.1
GRAIN1	Total yeast breads and rolls	62876	41.0
GRAIN2	Total cereals and pastas	62876	65.3
GRAIN21	Ready-to-eat cereals	62876	15.5
GRAIN22	Rice	62876	18.1
GRAIN23	Pasta	62876	12.9
GRAIN3	Quick breads, pancakes, ...	62876	17.4
GRAIN4	Cakes, cookies, pastries, pies	62876	31.1
GRAIN5	Crackers, popcorn, pretzels, ...	62876	10.2
GRAIN6	Mixtures mainly grain	62876	93.2
VEG0	Total vegetables	62876	151.0
VEG1	White potatoes	62876	49.6
VEG11	Fried potatoes	62876	19.6
VEG2	Dark green vegetables	62876	8.6
VEG3	Deep yellow vegetables	62876	8.2
VEG4	Tomatoes	62876	21.5
VEG5	Lettuce	62876	9.2
VEG6	Green beans	62876	6.7

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
VEG7	Corn, green peas, lima beans	62876	12.0
VEG8	Other vegetables	62876	35.3
FRUIT0	Total fruits	62876	183.2
FRUIT1	Total citrus fruits and juices	62876	58.5
FRUIT11	Citrus juices	62876	49.3
FRUIT2	Dried fruit	62876	1.0
FRUIT3	Total other fruits	62876	121.8
FRUIT31	Apples	62876	20.2
FRUIT32	Bananas	62876	16.4
FRUIT33	Melons and berries	62876	14.4
FRUIT34	Other fruits and mixtures	62876	22.4
FRUIT35	Noncitrus juices and nectars	62876	48.4
MILK0	Total milk and milk products (g)	62876	332.6
MILK0C	Total milk (cal eq)	62876	367.9
MILK1	Total milk, milk drinks, yogurt	62876	292.7
MILK11	Total fluid milk	62876	224.9
MILK111	Whole milk	62876	96.1
MILK112	Lowfat milk	62876	97.9
MILK113	Skim milk	62876	26.5
MILK2	Yogurt	62876	7.3
MILK3	Milk desserts	62876	23.4
MILK4	Cheese	62876	13.2
MEAT0	Total meat, poultry, fish	62876	156.5
MEAT1	Beef	62876	18.2
MEAT2	Pork	62876	8.7
MEAT3	Lamb, veal, game	62876	0.8
MEAT4	Organ meats	62876	0.4
MEAT5	Frankfurters, sausages, ...	62876	18.7
MEAT6	Total poultry	62876	22.1
MEAT61	Chicken	62876	19.1
MEAT7	Fish and shellfish	62876	8.0
MEAT8	Mixtures mainly meat, poultry, fish	62876	76.3
EGG0	Eggs	62876	16.1
LEGUME0	Legumes	62876	27.1
NUTSEED0	Nuts and seeds	62876	3.7
FAT0	Total fats and oils	62876	9.8
FAT1	Table fats	62876	3.0
FAT2	Salad dressings	62876	5.6
SUGAR0	Total sugars and sweets	62876	24.1
SUGAR1	Sugars	62876	2.4
SUGAR2	Candy	62876	6.0
BEV0	Total beverages	62876	632.5
BEV1	Total alcoholic beverages	62876	54.3
BEV11	Wine	62876	5.4
BEV12	Beer and ale	62876	45.7
BEV2	Total nonalcoholic beverages	62876	578.2
BEV21	Coffee	62876	173.9
BEV22	Tea	62876	90.6
BEV23	Total fruit drinks and ades	62876	94.4

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
BEV231	Regular fruit drinks and ades	62876	81.0
BEV232	Low-calorie fruit drinks and ades	62876	12.0
BEV24	Total carbonated soft drinks	62876	217.9
BEV241	Regular carbonated soft drinks	62876	169.3
BEV242	Low-calorie carbonated soft drinks	62876	48.0
YEAR	Year of survey	62876	1995.8
WTA_DAY1	Final annual day 1 weight	62876	37954.4
WTA_2DAY	Final annual two day weight	61821	40075.0
WT3_DAY1	Final 3-year day 1 weight	46709	16200.8
WT3_2DAY	Final 3-year two day weight	45909	17114.1

Variable	Label	Minimum	Maximum
RT	Record type	35.0	35.0
HHID	Household ID	10001.0	52852.0
SPNUM	Sample person number	1.0	11.0
VARSTRAT	Variance-estimation stratum	1.0	43.0
VARUNIT	Variance-estimation unit	1.0	2.0
REGION	Region	1.0	4.0
URB	Urbanization	1.0	3.0
HHSIZE	Household size	1.0	16.0
INCOME	Annual income: total	0.0	100000.0
INCREP	Annual income: actual report	1.0	9.0
PCTPOV	Annual income: percent of poverty	0.0	300.0
POVCAT	Annual income: % of poverty category	1.0	3.0
IMPFLAG	Annual income: imputation flag	1.0	5.0
FS_RCV12	Food stamps: in last 12 months	1.0	9.0
AGE	Age in years	0.0	90.0
AGE_M	Age in months	0.0	11.0
SEX	Sex	1.0	2.0
REL_REF	Relationship to reference person	0.0	12.0
RACE	Race	1.0	5.0
ORIGIN	Hispanic origin	1.0	5.0
HEAD_HH	Head of household	1.0	9.0
PL_STAT	Pregnant/lactating status	1.0	5.0
BF_STAT	Breastfeeding status	1.0	3.0
FS_AUTH	Food stamps: authorized	1.0	9.0
COMP_D1	Day 1 flag	1.0	1.0
COMP_D2	Day 2 flag	1.0	2.0
COMP_DHK	DHKS flag	1.0	2.0
WT4_DAY1	Final 4-year day 1 weight	340.0	226692.0
WT4_2DAY	Final 4-year two day weight	286.0	434881.0
DAYCODE	Day / average code	1.0	4.0
BMILK	Breast milk consumption flag	0.0	1.0
GRAIN0	Total grain products	0.0	3966.1
GRAIN1	Total yeast breads and rolls	0.0	652.0
GRAIN2	Total cereals and pastas	0.0	2900.0
GRAIN21	Ready-to-eat cereals	0.0	457.9

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
GRAIN22	Rice	0.0	2212.0
GRAIN23	Pasta	0.0	2900.0
GRAIN3	Quick breads, pancakes, ...	0.0	837.0
GRAIN4	Cakes, cookies, pastries, pies	0.0	1229.1
GRAIN5	Crackers, popcorn, pretzels, ...	0.0	944.0
GRAIN6	Mixtures mainly grain	0.0	3014.0
VEG0	Total vegetables	0.0	3530.0
VEG1	White potatoes	0.0	2704.0
VEG11	Fried potatoes	0.0	1172.5
VEG2	Dark green vegetables	0.0	1026.0
VEG3	Deep yellow vegetables	0.0	1292.7
VEG4	Tomatoes	0.0	1488.0
VEG5	Lettuce	0.0	584.0
VEG6	Green beans	0.0	850.5
VEG7	Corn, green peas, lima beans	0.0	978.5
VEG8	Other vegetables	0.0	1872.0
FRUIT0	Total fruits	0.0	4980.0
FRUIT1	Total citrus fruits and juices	0.0	4980.0
FRUIT11	Citrus juices	0.0	4980.0
FRUIT2	Dried fruit	0.0	231.0
FRUIT3	Total other fruits	0.0	4202.1
FRUIT31	Apples	0.0	1242.0
FRUIT32	Bananas	0.0	708.0
FRUIT33	Melons and berries	0.0	4096.0
FRUIT34	Other fruits and mixtures	0.0	1310.0
FRUIT35	Noncitrus juices and nectars	0.0	2738.0
MILK0	Total milk and milk products (g)	0.0	4148.0
MILK0C	Total milk (cal eq)	0.0	4878.1
MILK1	Total milk, milk drinks, yogurt	0.0	4148.0
MILK11	Total fluid milk	0.0	4148.0
MILK111	Whole milk	0.0	3904.0
MILK112	Lowfat milk	0.0	4148.0
MILK113	Skim milk	0.0	2695.0
MILK2	Yogurt	0.0	857.5
MILK3	Milk desserts	0.0	1330.0
MILK4	Cheese	0.0	1290.1
MEAT0	Total meat, poultry, fish	0.0	3428.0
MEAT1	Beef	0.0	3428.0
MEAT2	Pork	0.0	804.0
MEAT3	Lamb, veal, game	0.0	680.4
MEAT4	Organ meats	0.0	528.0
MEAT5	Frankfurters, sausages, ...	0.0	648.0
MEAT6	Total poultry	0.0	1307.0
MEAT61	Chicken	0.0	699.5
MEAT7	Fish and shellfish	0.0	1290.0
MEAT8	Mixtures mainly meat, poultry, fish	0.0	2780.6
EGG0	Eggs	0.0	936.0
LEGUME0	Legumes	0.0	2495.0
NUTSEED0	Nuts and seeds	0.0	540.0

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
FAT0	Total fats and oils	0.0	459.6
FAT1	Table fats	0.0	186.4
FAT2	Salad dressings	0.0	360.2
SUGAR0	Total sugars and sweets	0.0	1569.2
SUGAR1	Sugars	0.0	666.7
SUGAR2	Candy	0.0	907.2
BEV0	Total beverages	0.0	15628.8
BEV1	Total alcoholic beverages	0.0	12000.0
BEV11	Wine	0.0	1652.0
BEV12	Beer and ale	0.0	10800.0
BEV2	Total nonalcoholic beverages	0.0	15628.8
BEV21	Coffee	0.0	14160.0
BEV22	Tea	0.0	9057.6
BEV23	Total fruit drinks and ades	0.0	6425.0
BEV231	Regular fruit drinks and ades	0.0	6425.0
BEV232	Low-calorie fruit drinks and ades	0.0	3840.0
BEV24	Total carbonated soft drinks	0.0	8048.5
BEV241	Regular carbonated soft drinks	0.0	8048.5
BEV242	Low-calorie carbonated soft drinks	0.0	5040.0
YEAR	Year of survey	1994.0	1998.0
WTA_DAY1	Final annual day 1 weight	580.0	669591.0
WTA_2DAY	Final annual two day weight	507.0	1058203.0
WT3_DAY1	Final 3-year day 1 weight	1404.0	226692.0
WT3_2DAY	Final 3-year two day weight	1016.0	434881.0

Variable	Label	Sum
RT	Record type	2200660.0
HHID	Household ID	1649285318.0
SPNUM	Sample person number	111171.0
VARSTRAT	Variance-estimation stratum	1056288.0
VARUNIT	Variance-estimation unit	95108.0
REGION	Region	166357.0
URB	Urbanization	121588.0
HHSIZE	Household size	237113.0
INCOME	Annual income: total	2433181301.0
INCREP	Annual income: actual report	158191.0
PCTPOV	Annual income: percent of poverty	12905890.0
POVCAT	Annual income: % of poverty category	127036.0
IMPFLAG	Annual income: imputation flag	88075.0
FS_RCV12	Food stamps: in last 12 months	119160.0
AGE	Age in years	1591402.0
AGE_M	Age in months	24818.0
SEX	Sex	93887.0
REL_REF	Relationship to reference person	103402.0
RACE	Race	96339.0
ORIGIN	Hispanic origin	291745.0
HEAD_HH	Head of household	101421.0

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
PL_STAT	Pregnant/lactating status	301892.0
BF_STAT	Breastfeeding status	170867.0
FS_AUTH	Food stamps: authorized	122087.0
COMP_D1	Day 1 flag	62876.0
COMP_D2	Day 2 flag	63931.0
COMP_DHK	DHKS flag	108689.0
WT4_DAY1	Final 4-year day 1 weight	756359132.0
WT4_2DAY	Final 4-year two day weight	785691708.0
DAYCODE	Day / average code	145304.0
BMILK	Breast milk consumption flag	1391.0
GRAIN0	Total grain products	16228336.9
GRAIN1	Total yeast breads and rolls	2575367.9
GRAIN2	Total cereals and pastas	4105824.8
GRAIN21	Ready-to-eat cereals	972172.4
GRAIN22	Rice	1139932.4
GRAIN23	Pasta	811962.3
GRAIN3	Quick breads, pancakes, ...	1091526.3
GRAIN4	Cakes, cookies, pastries, pies	1955002.1
GRAIN5	Crackers, popcorn, pretzels, ...	640718.7
GRAIN6	Mixtures mainly grain	5857962.3
VEG0	Total vegetables	9495572.2
VEG1	White potatoes	3118933.2
VEG11	Fried potatoes	1234559.5
VEG2	Dark green vegetables	539401.1
VEG3	Deep yellow vegetables	515410.5
VEG4	Tomatoes	1350807.0
VEG5	Lettuce	578048.6
VEG6	Green beans	420326.9
VEG7	Corn, green peas, lima beans	752587.5
VEG8	Other vegetables	2218441.8
FRUIT0	Total fruits	11520360.3
FRUIT1	Total citrus fruits and juices	3675604.3
FRUIT11	Citrus juices	3099104.0
FRUIT2	Dried fruit	62172.8
FRUIT3	Total other fruits	7660531.3
FRUIT31	Apples	1272279.2
FRUIT32	Bananas	1028784.5
FRUIT33	Melons and berries	906470.5
FRUIT34	Other fruits and mixtures	1411208.5
FRUIT35	Noncitrus juices and nectars	3041240.7
MILK0	Total milk and milk products (g)	20913518.5
MILK0C	Total milk (cal eq)	23129403.4
MILK1	Total milk, milk drinks, yogurt	18403756.7
MILK11	Total fluid milk	14140551.4
MILK111	Whole milk	6044684.8
MILK112	Lowfat milk	6156768.6
MILK113	Skim milk	1669091.4
MILK2	Yogurt	461882.9
MILK3	Milk desserts	1469669.2

Control statistics for food group record type 35,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
MILK4	Cheese	830016.4
MEAT0	Total meat, poultry, fish	9838045.9
MEAT1	Beef	1146959.0
MEAT2	Pork	545892.9
MEAT3	Lamb, veal, game	52262.0
MEAT4	Organ meats	26290.3
MEAT5	Frankfurters, sausages, ...	1175146.7
MEAT6	Total poultry	1391516.8
MEAT61	Chicken	1198035.2
MEAT7	Fish and shellfish	506063.8
MEAT8	Mixtures mainly meat, poultry, fish	4799042.0
EGG0	Eggs	1011324.0
LEGUME0	Legumes	1701357.2
NUTSEED0	Nuts and seeds	230075.4
FAT0	Total fats and oils	615411.8
FAT1	Table fats	191113.8
FAT2	Salad dressings	349975.8
SUGAR0	Total sugars and sweets	1514771.8
SUGAR1	Sugars	149609.8
SUGAR2	Candy	376341.2
BEV0	Total beverages	39767433.8
BEV1	Total alcoholic beverages	3413518.2
BEV11	Wine	340377.4
BEV12	Beer and ale	2872690.1
BEV2	Total nonalcoholic beverages	36353915.8
BEV21	Coffee	10935170.0
BEV22	Tea	5698533.9
BEV23	Total fruit drinks and ades	5932388.6
BEV231	Regular fruit drinks and ades	5091439.0
BEV232	Low-calorie fruit drinks and ades	754788.0
BEV24	Total carbonated soft drinks	13702381.9
BEV241	Regular carbonated soft drinks	10647717.9
BEV242	Low-calorie carbonated soft drinks	3017195.0
YEAR	Year of survey	125484938.0
WTA_DAY1	Final annual day 1 weight	2386419313.0
WTA_2DAY	Final annual two day weight	2477477994.0
WT3_DAY1	Final 3-year day 1 weight	756721165.0
WT3_2DAY	Final 3-year two day weight	785691780.0

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
RT	Record type	62876	40.0
HHID	Household ID	62876	26230.8
SPNUM	Sample person number	62876	1.8
VARSTRAT	Variance-estimation stratum	62876	16.8
VARUNIT	Variance-estimation unit	62876	1.5
REGION	Region	62876	2.6
URB	Urbanization	62876	1.9
HHSIZE	Household size	62876	3.8
INCOME	Annual income: total	62876	38698.1
INCREP	Annual income: actual report	62876	2.5
PCTPOV	Annual income: percent of poverty	62876	205.3
POVCAT	Annual income: % of poverty category	62876	2.0
IMPFLAG	Annual income: imputation flag	62876	1.4
FS_RCV12	Food stamps: in last 12 months	62876	1.9
AGE	Age in years	62876	25.3
AGE_M	Age in months	4523	5.5
SEX	Sex	62876	1.5
REL_REF	Relationship to reference person	62876	1.6
RACE	Race	62876	1.5
ORIGIN	Hispanic origin	62876	4.6
HEAD_HH	Head of household	62876	1.6
PL_STAT	Pregnant/lactating status	62876	4.8
BF_STAT	Breastfeeding status	62876	2.7
FS_AUTH	Food stamps: authorized	62876	1.9
COMP_D1	Day 1 flag	62876	1.0
COMP_D2	Day 2 flag	62876	1.0
COMP_DHK	DHKS flag	62876	1.7
WT4_DAY1	Final 4-year day 1 weight	62876	12029.4
WT4_2DAY	Final 4-year two day weight	61821	12709.1
DAYCODE	Day / average code	62876	2.3
BMILK	Breast milk consumption flag	62876	0.0
R_ENERGY	%RDA: food energy	62876	90.3
R_PROT	%RDA: protein	62876	192.5
R_VITAIU	%RDA: vitamin A - IU	62876	170.5
R_VITARE	%RDA: vitamin A - RE	62876	138.8
R_VITE	%RDA: vitamin E	62876	99.0
R_VITC	%RDA: vitamin C	62876	195.9
R_THIAMN	%RDA: thiamin	62876	148.0
R_RIBO	%RDA: riboflavin	62876	161.9
R_NIACIN	%RDA: niacin	62876	144.8
R_VITB6	%RDA: vitamin B6	62876	114.2
R_FOLATE	%RDA: folate	62876	251.2
R_VITB12	%RDA: vitamin B12	62876	327.5
R_CALC	%RDA: calcium	62876	95.8
R_PHOS	%RDA: phosphorus	62876	133.7
R_MAGNES	%RDA: magnesium	62876	135.2
R_IRON	%RDA: iron	62876	133.2
R_ZINC	%RDA: zinc	62876	85.0
ENERGY	Food energy - kcal	62876	1727.0

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
PROTEIN	Protein - g	62876	64.2
TFAT	Total fat - g	62876	64.2
SFAT	Saturated fat - g	62876	22.8
MFAT	Monounsaturated fat - g	62876	24.4
PFAT	Polyunsaturated fat - g	62876	12.2
CHOLES	Cholesterol - mg	62876	222.5
CARBO	Carbohydrate - g	62876	224.0
FIBER	Dietary fiber	62876	12.7
VITA_IU	Vitamin A - IU	62876	5577.4
VITA_RE	Vitamin A - RE	62876	893.2
CARO	Carotene - RE	62876	392.3
VITE	Vitamin E - mg	62876	7.1
VITC	Vitamin C - mg	62876	95.8
THIAMIN	Thiamin - mg	62876	1.4
RIBO	Riboflavin - mg	62876	1.8
NIACIN	Niacin - mg	62876	18.8
VITB6	Vitamin B6 - mg	62876	1.6
FOLATE	Folate - mcg	62876	241.3
VITB12	Vitamin B12 - mcg	62876	4.2
CALCIUM	Calcium - mg	62876	777.9
PHOS	Phosphorus - mg	62876	1091.7
MAGNES	Magnesium - mg	62876	228.8
IRON	Iron - mg	62876	13.9
ZINC	Zinc - mg	62876	9.7
COPPER	Copper - mg	62876	1.0
SODIUM	Sodium - mg	62876	2756.7
POTASS	Potassium - mg	62876	2305.1
ALCOHOL	Alcohol - g	62876	2.9
WATER	Water - g	62876	1432.7
FA4_0	Fatty acid 4:0 - g	62876	0.5
FA6_0	Fatty acid 6:0 - g	62876	0.3
FA8_0	Fatty acid 8:0 - g	62876	0.2
FA10_0	Fatty acid 10:0 - g	62876	0.4
FA12_0	Fatty acid 12:0 - g	62876	0.8
FA14_0	Fatty acid 14:0 - g	62876	2.1
FA16_0	Fatty acid 16:0 - g	62876	12.2
FA18_0	Fatty acid 18:0 - g	62876	5.7
FA16_1	Fatty acid 16:1 - g	62876	1.2
FA18_1	Fatty acid 18:1 - g	62876	22.7
FA20_1	Fatty acid 20:1 - g	62876	0.1
FA22_1	Fatty acid 22:1 - g	62876	0.0
FA18_2	Fatty acid 18:2 - g	62876	10.8
FA18_3	Fatty acid 18:3 - g	62876	1.1
FA18_4	Fatty acid 18:4 - g	62876	0.0
FA20_4	Fatty acid 20:4 - g	62876	0.1
FA20_5	Fatty acid 20:5 - g	62876	0.0
FA22_5	Fatty acid 22:5 - g	62876	0.0
FA22_6	Fatty acid 22:6 - g	62876	0.0
CAFFEINE	Caffeine - mg	62876	117.1

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	N	Mean
THEOBROM	Theobromine - mg	62876	33.8
SELENIUM	Selenium - mcg	62876	84.7
R_SELEN	%RDA: selenium	62876	235.9
YEAR	Year of survey	62876	1995.8
WTA_DAY1	Final annual day 1 weight	62876	37954.4
WTA_2DAY	Final annual two day weight	61821	40075.0
WT3_DAY1	Final 3-year day 1 weight	46709	16200.8
WT3_2DAY	Final 3-year two day weight	45909	17114.1

Variable	Label	Minimum	Maximum
RT	Record type	40.0	40.0
HHID	Household ID	10001.0	52852.0
SPNUM	Sample person number	1.0	11.0
VARSTRAT	Variance-estimation stratum	1.0	43.0
VARUNIT	Variance-estimation unit	1.0	2.0
REGION	Region	1.0	4.0
URB	Urbanization	1.0	3.0
HHSIZE	Household size	1.0	16.0
INCOME	Annual income: total	0.0	100000.0
INCREP	Annual income: actual report	1.0	9.0
PCTPOV	Annual income: percent of poverty	0.0	300.0
POVCAT	Annual income: % of poverty category	1.0	3.0
IMPFLAG	Annual income: imputation flag	1.0	5.0
FS_RCV12	Food stamps: in last 12 months	1.0	9.0
AGE	Age in years	0.0	90.0
AGE_M	Age in months	0.0	11.0
SEX	Sex	1.0	2.0
REL_REF	Relationship to reference person	0.0	12.0
RACE	Race	1.0	5.0
ORIGIN	Hispanic origin	1.0	5.0
HEAD_HH	Head of household	1.0	9.0
PL_STAT	Pregnant/lactating status	1.0	5.0
BF_STAT	Breastfeeding status	1.0	3.0
FS_AUTH	Food stamps: authorized	1.0	9.0
COMP_D1	Day 1 flag	1.0	1.0
COMP_D2	Day 2 flag	1.0	2.0
COMP_DHK	DHKS flag	1.0	2.0
WT4_DAY1	Final 4-year day 1 weight	340.0	226692.0
WT4_2DAY	Final 4-year two day weight	286.0	434881.0
DAYCODE	Day / average code	1.0	4.0
BMILK	Breast milk consumption flag	0.0	1.0
R_ENERGY	%RDA: food energy	0.0	494.9
R_PROT	%RDA: protein	0.0	1870.8
R_VITAIU	%RDA: vitamin A - IU	0.0	6979.0
R_VITARE	%RDA: vitamin A - RE	0.0	7028.9
R_VITE	%RDA: vitamin E	0.0	1611.3
R_VITC	%RDA: vitamin C	0.0	3451.1

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
R_THIAMN	%RDA: thiamin	0.0	2053.3
R_RIBO	%RDA: riboflavin	0.0	2792.5
R_NIACIN	%RDA: niacin	0.0	1720.0
R_VITB6	%RDA: vitamin B6	0.0	1122.8
R_FOLATE	%RDA: folate	0.0	3114.4
R_VITB12	%RDA: vitamin B12	0.0	29294.5
R_CALC	%RDA: calcium	0.0	1088.4
R_PHOS	%RDA: phosphorus	0.0	999.0
R_MAGNES	%RDA: magnesium	0.0	1159.9
R_IRON	%RDA: iron	0.0	2127.3
R_ZINC	%RDA: zinc	0.0	2047.9
ENERGY	Food energy - kcal	0.0	14352.5
PROTEIN	Protein - g	0.0	1085.1
TFAT	Total fat - g	0.0	537.5
SFAT	Saturated fat - g	0.0	231.3
MFAT	Monounsaturated fat - g	0.0	214.7
PFAT	Polyunsaturated fat - g	0.0	133.2
CHOLE	Cholesterol - mg	0.0	2901.6
CARBO	Carbohydrate - g	0.0	1789.9
FIBER	Dietary fiber	0.0	165.8
VITA_IU	Vitamin A - IU	0.0	287356.2
VITA_RE	Vitamin A - RE	0.0	56231.1
CARO	Carotene - RE	0.0	28697.9
VITE	Vitamin E - mg	0.0	161.1
VITC	Vitamin C - mg	0.0	2070.6
THIAMIN	Thiamin - mg	0.0	11.8
RIBO	Riboflavin - mg	0.0	21.9
NIACIN	Niacin - mg	0.0	194.9
VITB6	Vitamin B6 - mg	0.0	22.5
FOLATE	Folate - mcg	0.0	4004.4
VITB12	Vitamin B12 - mcg	0.0	585.9
CALCIUM	Calcium - mg	0.0	8707.2
PHOS	Phosphorus - mg	0.0	10677.2
MAGNES	Magnesium - mg	0.0	2358.6
IRON	Iron - mg	0.0	212.7
ZINC	Zinc - mg	0.0	245.8
COPPER	Copper - mg	0.0	23.5
SODIUM	Sodium - mg	0.0	23204.8
POTASS	Potassium - mg	0.0	23816.2
ALCOHOL	Alcohol - g	0.0	855.4
WATER	Water - g	0.0	16130.7
FA4_0	Fatty acid 4:0 - g	0.0	11.5
FA6_0	Fatty acid 6:0 - g	0.0	6.2
FA8_0	Fatty acid 8:0 - g	0.0	13.4
FA10_0	Fatty acid 10:0 - g	0.0	12.2
FA12_0	Fatty acid 12:0 - g	0.0	35.9
FA14_0	Fatty acid 14:0 - g	0.0	36.2
FA16_0	Fatty acid 16:0 - g	0.0	115.3
FA18_0	Fatty acid 18:0 - g	0.0	51.7

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Minimum	Maximum
FA16_1	Fatty acid 16:1 - g	0.0	25.5
FA18_1	Fatty acid 18:1 - g	0.0	192.3
FA20_1	Fatty acid 20:1 - g	0.0	6.2
FA22_1	Fatty acid 22:1 - g	0.0	8.8
FA18_2	Fatty acid 18:2 - g	0.0	119.1
FA18_3	Fatty acid 18:3 - g	0.0	13.6
FA18_4	Fatty acid 18:4 - g	0.0	1.4
FA20_4	Fatty acid 20:4 - g	0.0	7.3
FA20_5	Fatty acid 20:5 - g	0.0	4.5
FA22_5	Fatty acid 22:5 - g	0.0	1.4
FA22_6	Fatty acid 22:6 - g	0.0	5.5
CAFFEINE	Caffeine - mg	0.0	8305.8
THEOBROM	Theobromine - mg	0.0	2108.4
SELENIUM	Selenium - mcg	0.0	1436.3
R_SELEN	%RDA: selenium	0.0	3425.8
YEAR	Year of survey	1994.0	1998.0
WTA_DAY1	Final annual day 1 weight	580.0	669591.0
WTA_2DAY	Final annual two day weight	507.0	1058203.0
WT3_DAY1	Final 3-year day 1 weight	1404.0	226692.0
WT3_2DAY	Final 3-year two day weight	1016.0	434881.0

Variable	Label	Sum
RT	Record type	2515040.0
HHID	Household ID	1649285318.0
SPNUM	Sample person number	111171.0
VARSTRAT	Variance-estimation stratum	1056288.0
VARUNIT	Variance-estimation unit	95108.0
REGION	Region	166357.0
URB	Urbanization	121588.0
HHSIZE	Household size	237113.0
INCOME	Annual income: total	2433181301.0
INCREP	Annual income: actual report	158191.0
PCTPOV	Annual income: percent of poverty	12905890.0
POVCAT	Annual income: % of poverty category	127036.0
IMPFLAG	Annual income: imputation flag	88075.0
FS_RCV12	Food stamps: in last 12 months	119160.0
AGE	Age in years	1591402.0
AGE_M	Age in months	24818.0
SEX	Sex	93887.0
REL_REF	Relationship to reference person	103402.0
RACE	Race	96339.0
ORIGIN	Hispanic origin	291745.0
HEAD_HH	Head of household	101421.0
PL_STAT	Pregnant/lactating status	301892.0
BF_STAT	Breastfeeding status	170867.0
FS_AUTH	Food stamps: authorized	122087.0
COMP_D1	Day 1 flag	62876.0

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
COMP_D2	Day 2 flag	63931.0
COMP_DHK	DHKS flag	108689.0
WT4_DAY1	Final 4-year day 1 weight	756359132.0
WT4_2DAY	Final 4-year two day weight	785691708.0
DAYCODE	Day / average code	145304.0
BMILK	Breast milk consumption flag	1391.0
R_ENERGY	%RDA: food energy	5676136.9
R_PROT	%RDA: protein	12101019.2
R_VITAIU	%RDA: vitamin A - IU	10718437.8
R_VITARE	%RDA: vitamin A - RE	8727342.5
R_VITE	%RDA: vitamin E	6226619.0
R_VITC	%RDA: vitamin C	12316775.0
R_THIAMN	%RDA: thiamin	9303351.6
R_RIBO	%RDA: riboflavin	10181151.4
R_NIACIN	%RDA: niacin	9102028.5
R_VITB6	%RDA: vitamin B6	7180599.4
R_FOLATE	%RDA: folate	15796643.5
R_VITB12	%RDA: vitamin B12	20589816.8
R_CALC	%RDA: calcium	6024820.7
R_PHOS	%RDA: phosphorus	8403700.3
R_MAGNES	%RDA: magnesium	8502672.6
R_IRON	%RDA: iron	8375929.7
R_ZINC	%RDA: zinc	5342517.6
ENERGY	Food energy - kcal	108584342.8
PROTEIN	Protein - g	4035358.6
TFAT	Total fat - g	4039410.6
SFAT	Saturated fat - g	1431157.7
MFAT	Monounsaturated fat - g	1535934.8
PFAT	Polyunsaturated fat - g	765072.6
CHOLE	Cholesterol - mg	13992731.0
CARBO	Carbohydrate - g	14081660.9
FIBER	Dietary fiber	800285.9
VITA_IU	Vitamin A - IU	350682425.9
VITA_RE	Vitamin A - RE	56160577.5
CARO	Carotene - RE	24668948.0
VITE	Vitamin E - mg	447220.6
VITC	Vitamin C - mg	6023358.0
THIAMIN	Thiamin - mg	89168.4
RIBO	Riboflavin - mg	112638.2
NIACIN	Niacin - mg	1179285.9
VITB6	Vitamin B6 - mg	98140.9
FOLATE	Folate - mcg	15171249.5
VITB12	Vitamin B12 - mcg	267015.0
CALCIUM	Calcium - mg	48914293.6
PHOS	Phosphorus - mg	68643480.9
MAGNES	Magnesium - mg	14387381.2
IRON	Iron - mg	872062.2
ZINC	Zinc - mg	612078.9
COPPER	Copper - mg	62685.0

Control statistics for nutrient record type 40,
 CSFII 1994-96, 1998, all records, unweighted

Variable	Label	Sum
SODIUM	Sodium - mg	173331634.6
POTASS	Potassium - mg	144935353.3
ALCOHOL	Alcohol - g	180073.9
WATER	Water - g	90079373.3
FA4_0	Fatty acid 4:0 - g	30333.6
FA6_0	Fatty acid 6:0 - g	16586.9
FA8_0	Fatty acid 8:0 - g	14442.4
FA10_0	Fatty acid 10:0 - g	26738.8
FA12_0	Fatty acid 12:0 - g	52242.1
FA14_0	Fatty acid 14:0 - g	130527.8
FA16_0	Fatty acid 16:0 - g	766984.6
FA18_0	Fatty acid 18:0 - g	355519.0
FA16_1	Fatty acid 16:1 - g	74666.7
FA18_1	Fatty acid 18:1 - g	1429077.1
FA20_1	Fatty acid 20:1 - g	6826.0
FA22_1	Fatty acid 22:1 - g	2195.8
FA18_2	Fatty acid 18:2 - g	680427.7
FA18_3	Fatty acid 18:3 - g	68160.6
FA18_4	Fatty acid 18:4 - g	173.8
FA20_4	Fatty acid 20:4 - g	6311.9
FA20_5	Fatty acid 20:5 - g	1324.9
FA22_5	Fatty acid 22:5 - g	617.2
FA22_6	Fatty acid 22:6 - g	2989.8
CAFFEINE	Caffeine - mg	7361623.3
THEOBROM	Theobromine - mg	2125173.6
SELENIUM	Selenium - mcg	5323433.9
R_SELEN	%RDA: selenium	14830646.3
YEAR	Year of survey	125484938.0
WTA_DAY1	Final annual day 1 weight	2386419313.0
WTA_2DAY	Final annual two day weight	2477477994.0
WT3_DAY1	Final 3-year day 1 weight	756721165.0
WT3_2DAY	Final 3-year two day weight	785691780.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
RT	Record type	5765	50.0
HHID	Household ID	5765	25399.5
SPNUM	Sample person number	5765	1.3
VARSTRAT	Variance-estimation stratum	5765	16.0
VARUNIT	Variance-estimation unit	5765	1.5
REGION	Region	5765	2.6
URB	Urbanization	5765	2.0
HHSIZE	Household size	5765	2.6
INCOME	Annual income: total	5765	34904.8
INCREP	Annual income: actual report	5765	2.5
PCTPOV	Annual income: percent of poverty	5765	215.0
POVCAT	Annual income: % of poverty category	5765	2.1
IMPFLAG	Annual income: imputation flag	5765	1.4
FS_RCV12	Food stamps: in last 12 months	5765	1.9
AGE	Age in years	5765	50.8
SEX	Sex	5765	1.5
REL_REF	Relationship to reference person	5765	0.7
RACE	Race	5765	1.3
ORIGIN	Hispanic origin	5765	4.8
HEAD_HH	Head of household	5765	1.1
PL_STAT	Pregnant/lactating status	5765	4.7
FS_AUTH	Food stamps: authorized	5765	2.0
COMP_D1	Day 1 flag	5765	1.0
COMP_D2	Day 2 flag	5765	1.0
COMP_DHK	DHKS flag	5765	1.0
WT3_DHK	Final 3-year DHKS weight	5765	31988.1
WT3_DHK2	Final 3-year DHKS (2-day) weight	5649	32645.0
GRADE	Highest grade completed	5765	13.6
EMP_STAT	Employment status	5765	2.5
PLAN_YN	Meal planner: yes or no	5765	1.4
SHOP_YN	Food shopper: yes or no	5765	1.3
PREP_YN	Food preparer: yes or no	5765	1.4
WIC_YN	WIC: receiving benefits	5765	2.1
D1_TV	Day 1: Hours of TV / video (day 1)	5765	3.1
D2_TV	Day 2: Hours of TV / video	5649	3.8
SALT_TYP	Salt type	5765	2.5
SALT_FRQ	Salt frequency	3818	2.8
DT01	Diet: low cal: yes or no	5765	1.9
DT01_SRC	Diet: low cal: source	364	8.4
DT02	Diet: low fat: yes or no	5765	1.9
DT02_SRC	Diet: low fat: source	527	8.8
DT03	Diet: low salt: yes or no	5765	2.0
DT03_SRC	Diet: low salt: source	293	7.3
DT06	Diet: high fiber: yes or no	5765	2.0
DT06_SRC	Diet: high fiber: source	87	12.5
DT07	Diet: diabetic: yes or no	5765	2.0
DT07_SRC	Diet: diabetic: source	192	8.7
VT_FREQ	Vit sup: frequency	5765	2.2
HGT_SP	Height of SP	5765	67.1

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
WGT_SP	Weight of SP	5765	183.1
BMI_SP	Body mass index	5765	28.1
HEALTH	Health status	5765	2.5
DOCTOR1	Doctor told: diabetes	5765	1.9
DOCTOR2	Doctor told: high blood pressure	5765	1.7
DOCTOR3	Doctor told: heart disease	5765	1.9
DOCTOR4	Doctor told: cancer	5765	1.9
DOCTOR5	Doctor told: osteoporosis	5765	2.0
DOCTOR6	Doctor told: high blood cholesterol	5765	1.8
DOCTOR7	Doctor told: stroke	5765	2.0
EXERCISE	Exercise frequency	5765	3.9
SMK_100	Smoke: 100 cigarettes	5765	1.5
SMK_NOW	Smoke: now	3042	1.5
WT_DHK_B	Base weight	5765	75515.3
WT_DHK_A	Adjusted base weight	5765	82294.1
K_PHONE	DHKS: mode of interview	5765	1.8
K_LANG	Language type of DHKS quex	5765	1.0
KQ1_A	K1a: # of servings: fruit	5765	6.8
KQ1_B	K1b: # of servings: vegetable	5765	6.4
KQ1_C	K1c: # of servings: dairy	5765	6.8
KQ1_D	K1d: # of servings: grain	5765	6.6
KQ1_E	K1e: # of servings: meat, beans, eggs	5765	5.9
KQ2_A	K2a: choosing a healthy diet	5765	3.2
KQ2_B	K2b: variety of foods	5765	3.1
KQ2_C	K2c: some born fat / some born thin	5765	2.4
KQ2_D	K2d: starchy foods -> fat	5765	2.3
KQ2_E	K2e: hard to know what to believe	5765	3.2
KQ2_F	K2f: what you eat -> chance of disease	5765	3.5
KQ2_G	K2g: no reason to change	5765	2.7
KQ3_A	How does diet compare: calories	5765	2.7
KQ3_B	How does diet compare: calcium	5765	2.6
KQ3_C	How does diet compare: iron	5765	2.9
KQ3_D	How does diet compare: vitamin C	5765	2.7
KQ3_E	How does diet compare: protein	5765	2.9
KQ3_F	How does diet compare: fat	5765	2.6
KQ3_G	How does diet compare: saturated fat	5765	3.0
KQ3_H	How does diet compare: cholesterol	5765	3.0
KQ3_I	How does diet compare: salt or sodium	5765	2.7
KQ3_J	How does diet compare: fiber	5765	2.6
KQ3_K	How does diet compare: sugar / sweets	5765	2.6
KQ4_A	Importance: salt in moderation	5765	3.4
KQ4_B	Importance: low in saturated fat	5765	3.6
KQ4_C	Importance: fruits and vegetables	5765	3.6
KQ4_D	Importance: sugars in moderation	5765	3.4
KQ4_E	Importance: adequate fiber	5765	3.5
KQ4_F	Importance: variety of foods	5765	3.6
KQ4_G	Importance: healthy weight	5765	3.7
KQ4_H	Importance: low in fat	5765	3.5
KQ4_I	Importance: low in cholesterol	5765	3.5

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
KQ4_J	Importance: grain products	5765	3.1
KQ4_K	Importance: dairy products	5765	3.1
KQ5_A	Aware of problems: fat	5765	1.2
KQ6_A_NS	Fat: problems not specified	4952	2.0
KQ6_A_01	Fat: heart / arteries	4805	1.2
KQ6_A_02	Fat: arthritis	4805	2.0
KQ6_A_03	Fat: bone problems	4805	2.0
KQ6_A_04	Fat: breathing problems	4805	2.0
KQ6_A_05	Fat: cancer	4805	1.9
KQ6_A_06	Fat: digestive problems	4805	2.0
KQ6_A_07	Fat: tooth problems	4805	2.0
KQ6_A_08	Fat: diabetes	4805	2.0
KQ6_A_09	Fat: edema	4805	2.0
KQ6_A_10	Fat: fatigue	4805	2.0
KQ6_A_11	Fat: high blood cholesterol	4805	1.8
KQ6_A_12	Fat: high blood pressure	4805	1.9
KQ6_A_13	Fat: hyperactivity	4805	2.0
KQ6_A_14	Fat: kidney disease	4805	2.0
KQ6_A_15	Fat: overweight	4805	1.7
KQ6_A_16	Fat: stroke	4805	1.9
KQ6_A_17	Fat: other	4805	2.0
KQ5_B	Aware of problems: fiber	5765	1.4
KQ6_B_NS	Fiber: problems not specified	3792	1.9
KQ6_B_01	Fiber: heart / arteries	3539	2.0
KQ6_B_02	Fiber: arthritis	3539	2.0
KQ6_B_03	Fiber: bone problems	3539	2.0
KQ6_B_04	Fiber: breathing problems	3539	2.0
KQ6_B_05	Fiber: cancer	3539	1.8
KQ6_B_06	Fiber: digestive problems	3539	1.2
KQ6_B_07	Fiber: tooth problems	3539	2.0
KQ6_B_08	Fiber: diabetes	3539	2.0
KQ6_B_09	Fiber: edema	3539	2.0
KQ6_B_10	Fiber: fatigue	3539	2.0
KQ6_B_11	Fiber: high blood cholesterol	3539	2.0
KQ6_B_12	Fiber: high blood pressure	3539	2.0
KQ6_B_13	Fiber: hyperactivity	3539	2.0
KQ6_B_14	Fiber: kidney disease	3539	2.0
KQ6_B_15	Fiber: overweight	3539	2.0
KQ6_B_16	Fiber: stroke	3539	2.0
KQ6_B_17	Fiber: other	3539	2.0
KQ5_C	Aware of problems: salt	5765	1.1
KQ6_C_NS	Salt: problems not specified	5059	1.9
KQ6_C_01	Salt: heart / arteries	4787	1.7
KQ6_C_02	Salt: arthritis	4787	2.0
KQ6_C_03	Salt: bone problems	4787	2.0
KQ6_C_04	Salt: breathing problems	4787	2.0
KQ6_C_05	Salt: cancer	4787	2.0
KQ6_C_06	Salt: digestive problems	4787	2.0
KQ6_C_07	Salt: tooth problems	4787	2.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
KQ6_C_08	Salt: diabetes	4787	2.0
KQ6_C_09	Salt: edema	4787	1.9
KQ6_C_10	Salt: fatigue	4787	2.0
KQ6_C_11	Salt: high blood cholesterol	4787	1.9
KQ6_C_12	Salt: high blood pressure	4787	1.3
KQ6_C_13	Salt: hyperactivity	4787	2.0
KQ6_C_14	Salt: kidney disease	4787	2.0
KQ6_C_15	Salt: overweight	4787	2.0
KQ6_C_16	Salt: stroke	4787	2.0
KQ6_C_17	Salt: other	4787	2.0
KQ5_D	Aware of problems: calcium	5765	1.2
KQ6_D_NS	Calcium: problems not specified	4621	2.0
KQ6_D_01	Calcium: heart / arteries	4459	2.0
KQ6_D_02	Calcium: arthritis	4459	2.0
KQ6_D_03	Calcium: bone problems	4459	1.1
KQ6_D_04	Calcium: breathing problems	4459	2.0
KQ6_D_05	Calcium: cancer	4459	2.0
KQ6_D_06	Calcium: digestive problems	4459	2.0
KQ6_D_07	Calcium: tooth problems	4459	1.8
KQ6_D_08	Calcium: diabetes	4459	2.0
KQ6_D_09	Calcium: edema	4459	2.0
KQ6_D_10	Calcium: fatigue	4459	2.0
KQ6_D_11	Calcium: high blood cholesterol	4459	2.0
KQ6_D_12	Calcium: high blood pressure	4459	2.0
KQ6_D_13	Calcium: hyperactivity	4459	2.0
KQ6_D_14	Calcium: kidney disease	4459	2.0
KQ6_D_15	Calcium: overweight	4459	2.0
KQ6_D_16	Calcium: stroke	4459	2.0
KQ6_D_17	Calcium: other	4459	2.0
KQ5_E	Aware of problems: cholesterol	5765	1.2
KQ6_E_NS	Cholesterol: problems not specified	5009	2.0
KQ6_E_01	Cholesterol: heart / arteries	4794	1.1
KQ6_E_02	Cholesterol: arthritis	4794	2.0
KQ6_E_03	Cholesterol: bone problems	4794	2.0
KQ6_E_04	Cholesterol: breathing problems	4794	2.0
KQ6_E_05	Cholesterol: cancer	4794	2.0
KQ6_E_06	Cholesterol: digestive problems	4794	2.0
KQ6_E_07	Cholesterol: tooth problems	4794	2.0
KQ6_E_08	Cholesterol: diabetes	4794	2.0
KQ6_E_09	Cholesterol: edema	4794	2.0
KQ6_E_10	Cholesterol: fatigue	4794	2.0
KQ6_E_11	Cholesterol: high blood cholesterol	4794	1.9
KQ6_E_12	Cholesterol: high blood pressure	4794	1.9
KQ6_E_13	Cholesterol: hyperactivity	4794	2.0
KQ6_E_14	Cholesterol: kidney disease	4794	2.0
KQ6_E_15	Cholesterol: overweight	4794	1.9
KQ6_E_16	Cholesterol: stroke	4794	1.9
KQ6_E_17	Cholesterol: other	4794	2.0
KQ5_F	Aware of problems: sugar	5765	1.2

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
KQ6_F_NS	Sugar: problems not specified	4589	2.0
KQ6_F_01	Sugar: heart / arteries	4401	1.9
KQ6_F_02	Sugar: arthritis	4401	2.0
KQ6_F_03	Sugar: bone problems	4401	2.0
KQ6_F_04	Sugar: breathing problems	4401	2.0
KQ6_F_05	Sugar: cancer	4401	2.0
KQ6_F_06	Sugar: digestive problems	4401	2.0
KQ6_F_07	Sugar: tooth problems	4401	1.8
KQ6_F_08	Sugar: diabetes	4401	1.3
KQ6_F_09	Sugar: edema	4401	2.0
KQ6_F_10	Sugar: fatigue	4401	2.0
KQ6_F_11	Sugar: high blood cholesterol	4401	2.0
KQ6_F_12	Sugar: high blood pressure	4401	2.0
KQ6_F_13	Sugar: hyperactivity	4401	1.9
KQ6_F_14	Sugar: kidney disease	4401	2.0
KQ6_F_15	Sugar: overweight	4401	1.7
KQ6_F_16	Sugar: stroke	4401	2.0
KQ6_F_17	Sugar: other	4401	2.0
KQ5_G	Aware of problems: overweight	5765	1.1
KQ6_G_NS	Overweight: problems not specified	5344	2.0
KQ6_G_01	Overweight: heart / arteries	5126	1.2
KQ6_G_02	Overweight: arthritis	5126	2.0
KQ6_G_03	Overweight: bone problems	5126	2.0
KQ6_G_04	Overweight: breathing problems	5126	1.9
KQ6_G_05	Overweight: cancer	5126	2.0
KQ6_G_06	Overweight: digestive problems	5126	2.0
KQ6_G_07	Overweight: tooth problems	5126	2.0
KQ6_G_08	Overweight: diabetes	5126	1.8
KQ6_G_09	Overweight: edema	5126	2.0
KQ6_G_10	Overweight: fatigue	5126	1.9
KQ6_G_11	Overweight: high blood cholesterol	5126	2.0
KQ6_G_12	Overweight: high blood pressure	5126	1.8
KQ6_G_13	Overweight: hyperactivity	5126	2.0
KQ6_G_14	Overweight: kidney disease	5126	2.0
KQ6_G_15	Overweight: overweight	5126	1.9
KQ6_G_16	Overweight: stroke	5126	1.9
KQ6_G_17	Overweight: other	5126	1.9
KQ7	Self-reported weight status	5765	2.1
KQ8_A	More sat. fat?: liver/t-bone	5765	2.5
KQ8_B	More sat. fat?: butter/margarine	5765	1.8
KQ8_C	More sat. fat?: egg white yolk	5765	2.5
KQ8_D	More sat. fat?: skim/whole milk	5765	2.2
KQ9_A	More fat?: hamburger/ground round	5765	1.7
KQ9_B	More fat?: pork chops/spare ribs	5765	2.5
KQ9_C	More fat?: Hot dogs/ham	5765	1.9
KQ9_D	More fat?: peanuts/popcorn	5765	1.4
KQ9_E	More fat?: yogurt/sour cream	5765	2.5
KQ9_F	More fat?: porterhouse/round	5765	3.0
KQ10	Liquid or solid fat	5765	4.3

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
KQ11	No cholesterol ->	5765	3.5
KQ12	Is cholesterol found in	5765	3.2
KQ13	Only vegetable oil ->	5765	3.1
KQ14	'Light' means	5765	3.6
KQ15_A	Importance: how safe is food	5765	3.9
KQ15_B	Importance: nutrition	5765	3.6
KQ15_C	Importance: price	5765	3.3
KQ15_D	Importance: how well the food keeps	5765	3.5
KQ15_E	Importance: how easy to prepare	5765	3.1
KQ15_F	Importance: taste	5765	3.8
KQ16_A	Do you use: list of ingredients	5765	2.4
KQ16_B	Do you use: short phrases	5765	2.5
KQ16_C	Do you use: nutrition panel	5765	2.4
KQ16_D	Do you use: serving size	5765	2.7
KQ16_E	Do you use: health benefits	5765	2.7
KQ16_NVR	K16: never / never seen	5765	1.8
KQ17_A	Look for on label: calories	4773	2.1
KQ17_B	Look for on label: salt or sodium	4773	2.2
KQ17_C	Look for on label: total fat	4773	1.9
KQ17_D	Look for on label: saturated fat	4773	2.1
KQ17_E	Look for on label: cholesterol	4773	2.1
KQ17_F	Look for on label: vitamins/minerals	4773	2.3
KQ17_G	Look for on label: fiber	4773	2.5
KQ17_H	Look for on label: sugars	4773	2.2
KQ18_A	Look for on: dessert items	4773	2.9
KQ18_B	Look for on: snack items	4773	2.8
KQ18_C	Look for on: frozen dinners	4773	3.2
KQ18_D	Look for on: breakfast cereals	4773	2.3
KQ18_E	Look for on: cheese	4773	2.8
KQ18_F	Look for on: fresh fruits/vegetables	4773	3.6
KQ18_G	Look for on: salad dressings	4773	2.5
KQ18_H	Look for on: table spreads	4773	2.4
KQ18_I	Look for on: raw meat	4773	3.1
KQ18_J	Look for on: processed meat	4773	2.8
KQ19_A	Understood: list of ingredients	4773	2.0
KQ19_B	Understood: short phrase	4773	2.2
KQ19_C	Understood: calories in serving	4773	1.8
KQ19_D	Understood: calories from fat	4773	2.2
KQ19_E	Understood: nutrients	4773	2.4
KQ19_F	Understood: daily value	4773	2.4
KQ19_G	Understood: descriptions like lean'	4773	2.0
KQ20_A	How confident: low-fat	4773	2.4
KQ20_B	How confident: low-cholesterol	4773	2.5
KQ20_C	How confident: good source of fiber	4773	2.3
KQ20_D	How confident: light	4773	2.6
KQ20_E	How confident: healthy	4773	2.6
KQ20_F	How confident: extra lean	4773	2.3
KQ21_A	Does govt define: low-cholesterol	4773	3.0
KQ21_B	Does govt define: light	4773	3.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
KQ21_C	Does govt define: extra lean	4773	3.0
KQ22_A	High or low: 100mg sodium	4773	2.9
KQ22_B	High or low: 20g fat	4773	2.8
KQ22_C	High or low: 15mg cholesterol	4773	3.5
KQ22_D	High or low: 5g fiber	4773	3.0
KQ22_E	High or low: 10g saturated fat	4773	3.1
KQ23_A	Labels: nutrient info is useful	4773	3.4
KQ23_B	Labels: confident in use	4773	3.0
KQ23_C	Labels: nutrient info hard to interpret	4773	2.8
KQ23_D	Labels: reading takes too much time	4773	2.5
KQ23_E	Labels: read because health is important	4773	3.5
KQ23_F	Labels: would like to learn more	4773	3.3
KQ23_G	Labels: reading -> easier to choose	4773	3.3
KQ23_H	Labels: sometimes try new foods	4773	2.8
KQ23_I	Labels: use -> better choices	4773	3.2
KQ23_J	Labels: using is better than not using	4773	3.3
KQ24_A	Labels: confident of use	992	3.0
KQ24_B	Labels: nutrition info hard to interpret	992	3.7
KQ24_C	Labels: reading takes too much time	992	3.5
KQ24_D	Labels: would like to learn more	992	3.0
KQ24_E	Labels: use -> better food choices	992	3.4
KQ25_A	Does govt define: low-cholesterol	992	4.3
KQ25_B	Does govt define: light	992	4.3
KQ25_C	Does govt define: extra lean	992	4.0
KQ26_A	Eat/use: lower-fat luncheon meats	5765	2.7
KQ26_B	Eat/use: skim or 1% milk	5765	2.6
KQ26_C	Eat/use:low-fat cheese	5765	2.9
KQ26_D	Eat/use:ice milk, frozen yogurt, ...	5765	2.7
KQ26_E	Eat/use: low-cal salad dressing	5765	2.5
KQ26_F	Eat/use: fruit for dessert	5765	2.2
KQ26_G	Eat/use: fish or poultry instead of meat	5765	2.1
KQ27	Add fat to boiled/baked potatoes	5765	1.8
KQ28	Add fat to other cooked vegetables	5765	2.4
KQ29	Eat vegetables with creamy sauces.	5749	3.0
KQ30	Eat fried chicken	5765	2.6
KQ31	Eat chicken with skin removed	5657	2.0
KQ32	Amount of table fat on breads/muffins	5765	2.4
KQ33_A	Eat: bakery products like cakes, ...	5765	1.9
KQ33_B	Eat: chips	5765	1.7
KQ34	Eat meat at main meals	5765	2.6
KQ35	Portion size of meat	5629	1.8
KQ36	Trim the fat on meat	5589	1.5
KQ37	How many eggs a week	5765	2.1
KQ38	Wash fruits and vegetables	5765	1.2
KQ39	Eat the peel of fresh fruit	5741	2.0
KQ40	Eat the peel of fresh vegetables	5741	2.1
KQ41	Eat the outer leaves of vegetables	5741	1.6
KQ42	Most responsible for meals	5765	1.5
YEAR	Year of survey	5765	1995.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	N	Mean
WTA_DHK	Final 3-annual	5765	95964.4
WTA_DHK2	Final annual DHKS (2-day) weight	5649	97935.0

Variable	Label	Minimum
RT	Record type	50.0
HHID	Household ID	10002.0
SPNUM	Sample person number	1.0
VARSTRAT	Variance-estimation stratum	1.0
VARUNIT	Variance-estimation unit	1.0
REGION	Region	1.0
URB	Urbanization	1.0
HHSIZE	Household size	1.0
INCOME	Annual income: total	0.0
INCREP	Annual income: actual report	1.0
PCTPOV	Annual income: percent of poverty	0.0
POVCAT	Annual income: % of poverty category	1.0
IMPFLAG	Annual income: imputation flag	1.0
FS_RCV12	Food stamps: in last 12 months	1.0
AGE	Age in years	20.0
SEX	Sex	1.0
REL_REF	Relationship to reference person	0.0
RACE	Race	1.0
ORIGIN	Hispanic origin	1.0
HEAD_HH	Head of household	1.0
PL_STAT	Pregnant/lactating status	1.0
FS_AUTH	Food stamps: authorized	1.0
COMP_D1	Day 1 flag	1.0
COMP_D2	Day 2 flag	1.0
COMP_DHK	DHKS flag	1.0
WT3_DHK	Final 3-year DHKS weight	1245.0
WT3_DHK2	Final 3-year DHKS (2-day) weight	794.0
GRADE	Highest grade completed	0.0
EMP_STAT	Employment status	1.0
PLAN_YN	Meal planner: yes or no	1.0
SHOP_YN	Food shopper: yes or no	1.0
PREP_YN	Food preparer: yes or no	1.0
WIC_YN	WIC: receiving benefits	1.0
D1_TV	Day 1: Hours of TV / video (day 1)	0.0
D2_TV	Day 2: Hours of TV / video	0.0
SALT_TYP	Salt type	1.0
SALT_FRQ	Salt frequency	1.0
DT01	Diet: low cal: yes or no	1.0
DT01_SRC	Diet: low cal: source	1.0
DT02	Diet: low fat: yes or no	1.0
DT02_SRC	Diet: low fat: source	1.0
DT03	Diet: low salt: yes or no	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
DT03_SRC	Diet: low salt: source	1.0
DT06	Diet: high fiber: yes or no	1.0
DT06_SRC	Diet: high fiber: source	1.0
DT07	Diet: diabetic: yes or no	1.0
DT07_SRC	Diet: diabetic: source	1.0
VT_FREQ	Vit sup: frequency	1.0
HGT_SP	Height of SP	48.0
WGT_SP	Weight of SP	80.0
BMI_SP	Body mass index	15.2
HEALTH	Health status	1.0
DOCTOR1	Doctor told: diabetes	1.0
DOCTOR2	Doctor told: high blood pressure	1.0
DOCTOR3	Doctor told: heart disease	1.0
DOCTOR4	Doctor told: cancer	1.0
DOCTOR5	Doctor told: osteoporosis	1.0
DOCTOR6	Doctor told: high blood cholesterol	1.0
DOCTOR7	Doctor told: stroke	1.0
EXERCISE	Exercise frequency	1.0
SMK_100	Smoke: 100 cigarettes	1.0
SMK_NOW	Smoke: now	1.0
WT_DHK_B	Base weight	9326.0
WT_DHK_A	Adjusted base weight	9599.0
K_PHONE	DHKS: mode of interview	1.0
K_LANG	Language type of DHKS quex	1.0
KQ1_A	K1a: # of servings: fruit	0.0
KQ1_B	K1b: # of servings: vegetable	0.0
KQ1_C	K1c: # of servings: dairy	0.0
KQ1_D	K1d: # of servings: grain	0.0
KQ1_E	K1e: # of servings: meat, beans, eggs	0.0
KQ2_A	K2a: choosing a healthy diet	1.0
KQ2_B	K2b: variety of foods	1.0
KQ2_C	K2c: some born fat / some born thin	1.0
KQ2_D	K2d: starchy foods -> fat	1.0
KQ2_E	K2e: hard to know what to believe	1.0
KQ2_F	K2f: what you eat -> chance of disease	1.0
KQ2_G	K2g: no reason to change	1.0
KQ3_A	How does diet compare: calories	1.0
KQ3_B	How does diet compare: calcium	1.0
KQ3_C	How does diet compare: iron	1.0
KQ3_D	How does diet compare: vitamin C	1.0
KQ3_E	How does diet compare: protein	1.0
KQ3_F	How does diet compare: fat	1.0
KQ3_G	How does diet compare: saturated fat	1.0
KQ3_H	How does diet compare: cholesterol	1.0
KQ3_I	How does diet compare: salt or sodium	1.0
KQ3_J	How does diet compare: fiber	1.0
KQ3_K	How does diet compare: sugar / sweets	1.0
KQ4_A	Importance: salt in moderation	1.0
KQ4_B	Importance: low in saturated fat	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
KQ4_C	Importance: fruits and vegetables	1.0
KQ4_D	Importance: sugars in moderation	1.0
KQ4_E	Importance: adequate fiber	1.0
KQ4_F	Importance: variety of foods	1.0
KQ4_G	Importance: healthy weight	1.0
KQ4_H	Importance: low in fat	1.0
KQ4_I	Importance: low in cholesterol	1.0
KQ4_J	Importance: grain products	1.0
KQ4_K	Importance: dairy products	1.0
KQ5_A	Aware of problems: fat	1.0
KQ6_A_NS	Fat: problems not specified	1.0
KQ6_A_01	Fat: heart / arteries	1.0
KQ6_A_02	Fat: arthritis	1.0
KQ6_A_03	Fat: bone problems	1.0
KQ6_A_04	Fat: breathing problems	1.0
KQ6_A_05	Fat: cancer	1.0
KQ6_A_06	Fat: digestive problems	1.0
KQ6_A_07	Fat: tooth problems	1.0
KQ6_A_08	Fat: diabetes	1.0
KQ6_A_09	Fat: edema	1.0
KQ6_A_10	Fat: fatigue	1.0
KQ6_A_11	Fat: high blood cholesterol	1.0
KQ6_A_12	Fat: high blood pressure	1.0
KQ6_A_13	Fat: hyperactivity	1.0
KQ6_A_14	Fat: kidney disease	1.0
KQ6_A_15	Fat: overweight	1.0
KQ6_A_16	Fat: stroke	1.0
KQ6_A_17	Fat: other	1.0
KQ5_B	Aware of problems: fiber	1.0
KQ6_B_NS	Fiber: problems not specified	1.0
KQ6_B_01	Fiber: heart / arteries	1.0
KQ6_B_02	Fiber: arthritis	1.0
KQ6_B_03	Fiber: bone problems	1.0
KQ6_B_04	Fiber: breathing problems	1.0
KQ6_B_05	Fiber: cancer	1.0
KQ6_B_06	Fiber: digestive problems	1.0
KQ6_B_07	Fiber: tooth problems	1.0
KQ6_B_08	Fiber: diabetes	1.0
KQ6_B_09	Fiber: edema	1.0
KQ6_B_10	Fiber: fatigue	1.0
KQ6_B_11	Fiber: high blood cholesterol	1.0
KQ6_B_12	Fiber: high blood pressure	1.0
KQ6_B_13	Fiber: hyperactivity	1.0
KQ6_B_14	Fiber: kidney disease	1.0
KQ6_B_15	Fiber: overweight	1.0
KQ6_B_16	Fiber: stroke	1.0
KQ6_B_17	Fiber: other	1.0
KQ5_C	Aware of problems: salt	1.0
KQ6_C_NS	Salt: problems not specified	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
KQ6_C_01	Salt: heart / arteries	1.0
KQ6_C_02	Salt: arthritis	1.0
KQ6_C_03	Salt: bone problems	1.0
KQ6_C_04	Salt: breathing problems	1.0
KQ6_C_05	Salt: cancer	1.0
KQ6_C_06	Salt: digestive problems	1.0
KQ6_C_07	Salt: tooth problems	1.0
KQ6_C_08	Salt: diabetes	1.0
KQ6_C_09	Salt: edema	1.0
KQ6_C_10	Salt: fatigue	1.0
KQ6_C_11	Salt: high blood cholesterol	1.0
KQ6_C_12	Salt: high blood pressure	1.0
KQ6_C_13	Salt: hyperactivity	1.0
KQ6_C_14	Salt: kidney disease	1.0
KQ6_C_15	Salt: overweight	1.0
KQ6_C_16	Salt: stroke	1.0
KQ6_C_17	Salt: other	1.0
KQ5_D	Aware of problems: calcium	1.0
KQ6_D_NS	Calcium: problems not specified	1.0
KQ6_D_01	Calcium: heart / arteries	1.0
KQ6_D_02	Calcium: arthritis	1.0
KQ6_D_03	Calcium: bone problems	1.0
KQ6_D_04	Calcium: breathing problems	1.0
KQ6_D_05	Calcium: cancer	1.0
KQ6_D_06	Calcium: digestive problems	1.0
KQ6_D_07	Calcium: tooth problems	1.0
KQ6_D_08	Calcium: diabetes	1.0
KQ6_D_09	Calcium: edema	1.0
KQ6_D_10	Calcium: fatigue	1.0
KQ6_D_11	Calcium: high blood cholesterol	1.0
KQ6_D_12	Calcium: high blood pressure	1.0
KQ6_D_13	Calcium: hyperactivity	1.0
KQ6_D_14	Calcium: kidney disease	1.0
KQ6_D_15	Calcium: overweight	1.0
KQ6_D_16	Calcium: stroke	1.0
KQ6_D_17	Calcium: other	1.0
KQ5_E	Aware of problems: cholesterol	1.0
KQ6_E_NS	Cholesterol: problems not specified	1.0
KQ6_E_01	Cholesterol: heart / arteries	1.0
KQ6_E_02	Cholesterol: arthritis	1.0
KQ6_E_03	Cholesterol: bone problems	1.0
KQ6_E_04	Cholesterol: breathing problems	1.0
KQ6_E_05	Cholesterol: cancer	1.0
KQ6_E_06	Cholesterol: digestive problems	1.0
KQ6_E_07	Cholesterol: tooth problems	1.0
KQ6_E_08	Cholesterol: diabetes	1.0
KQ6_E_09	Cholesterol: edema	1.0
KQ6_E_10	Cholesterol: fatigue	1.0
KQ6_E_11	Cholesterol: high blood cholesterol	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
KQ6_E_12	Cholesterol: high blood pressure	1.0
KQ6_E_13	Cholesterol: hyperactivity	1.0
KQ6_E_14	Cholesterol: kidney disease	1.0
KQ6_E_15	Cholesterol: overweight	1.0
KQ6_E_16	Cholesterol: stroke	1.0
KQ6_E_17	Cholesterol: other	1.0
KQ5_F	Aware of problems: sugar	1.0
KQ6_F_NS	Sugar: problems not specified	1.0
KQ6_F_01	Sugar: heart / arteries	1.0
KQ6_F_02	Sugar: arthritis	1.0
KQ6_F_03	Sugar: bone problems	1.0
KQ6_F_04	Sugar: breathing problems	1.0
KQ6_F_05	Sugar: cancer	1.0
KQ6_F_06	Sugar: digestive problems	1.0
KQ6_F_07	Sugar: tooth problems	1.0
KQ6_F_08	Sugar: diabetes	1.0
KQ6_F_09	Sugar: edema	1.0
KQ6_F_10	Sugar: fatigue	1.0
KQ6_F_11	Sugar: high blood cholesterol	1.0
KQ6_F_12	Sugar: high blood pressure	1.0
KQ6_F_13	Sugar: hyperactivity	1.0
KQ6_F_14	Sugar: kidney disease	1.0
KQ6_F_15	Sugar: overweight	1.0
KQ6_F_16	Sugar: stroke	1.0
KQ6_F_17	Sugar: other	1.0
KQ5_G	Aware of problems: overweight	1.0
KQ6_G_NS	Overweight: problems not specified	1.0
KQ6_G_01	Overweight: heart / arteries	1.0
KQ6_G_02	Overweight: arthritis	1.0
KQ6_G_03	Overweight: bone problems	1.0
KQ6_G_04	Overweight: breathing problems	1.0
KQ6_G_05	Overweight: cancer	1.0
KQ6_G_06	Overweight: digestive problems	1.0
KQ6_G_07	Overweight: tooth problems	1.0
KQ6_G_08	Overweight: diabetes	1.0
KQ6_G_09	Overweight: edema	1.0
KQ6_G_10	Overweight: fatigue	1.0
KQ6_G_11	Overweight: high blood cholesterol	1.0
KQ6_G_12	Overweight: high blood pressure	1.0
KQ6_G_13	Overweight: hyperactivity	1.0
KQ6_G_14	Overweight: kidney disease	1.0
KQ6_G_15	Overweight: overweight	1.0
KQ6_G_16	Overweight: stroke	1.0
KQ6_G_17	Overweight: other	1.0
KQ7	Self-reported weight status	1.0
KQ8_A	More sat. fat?: liver/t-bone	1.0
KQ8_B	More sat. fat?: butter/margarine	1.0
KQ8_C	More sat. fat?: egg white yolk	1.0
KQ8_D	More sat. fat?: skim/whole milk	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
KQ9_A	More fat?: hamburger/ground round	1.0
KQ9_B	More fat?: pork chops/spare ribs	1.0
KQ9_C	More fat?: Hot dogs/ham	1.0
KQ9_D	More fat?: peanuts/popcorn	1.0
KQ9_E	More fat?: yogurt/sour cream	1.0
KQ9_F	More fat?: porterhouse/round	1.0
KQ10	Liquid or solid fat	1.0
KQ11	No cholesterol ->	1.0
KQ12	Is cholesterol found in	1.0
KQ13	Only vegetable oil ->	1.0
KQ14	'Light' means	1.0
KQ15_A	Importance: how safe is food	1.0
KQ15_B	Importance: nutrition	1.0
KQ15_C	Importance: price	1.0
KQ15_D	Importance: how well the food keeps	1.0
KQ15_E	Importance: how easy to prepare	1.0
KQ15_F	Importance: taste	1.0
KQ16_A	Do you use: list of ingredients	1.0
KQ16_B	Do you use: short phrases	1.0
KQ16_C	Do you use: nutrition panel	1.0
KQ16_D	Do you use: serving size	1.0
KQ16_E	Do you use: health benefits	1.0
KQ16_NVR	K16: never / never seen	1.0
KQ17_A	Look for on label: calories	1.0
KQ17_B	Look for on label: salt or sodium	1.0
KQ17_C	Look for on label: total fat	1.0
KQ17_D	Look for on label: saturated fat	1.0
KQ17_E	Look for on label: cholesterol	1.0
KQ17_F	Look for on label: vitamins/minerals	1.0
KQ17_G	Look for on label: fiber	1.0
KQ17_H	Look for on label: sugars	1.0
KQ18_A	Look for on: dessert items	1.0
KQ18_B	Look for on: snack items	1.0
KQ18_C	Look for on: frozen dinners	1.0
KQ18_D	Look for on: breakfast cereals	1.0
KQ18_E	Look for on: cheese	1.0
KQ18_F	Look for on: fresh fruits/vegetables	1.0
KQ18_G	Look for on: salad dressings	1.0
KQ18_H	Look for on: table spreads	1.0
KQ18_I	Look for on: raw meat	1.0
KQ18_J	Look for on: processed meat	1.0
KQ19_A	Understood: list of ingredients	1.0
KQ19_B	Understood: short phrase	1.0
KQ19_C	Understood: calories in serving	1.0
KQ19_D	Understood: calories from fat	1.0
KQ19_E	Understood: nutrients	1.0
KQ19_F	Understood: daily value	1.0
KQ19_G	Understood: descriptions like lean'	1.0
KQ20_A	How confident: low-fat	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
KQ20_B	How confident: low-cholesterol	1.0
KQ20_C	How confident: good source of fiber	1.0
KQ20_D	How confident: light	1.0
KQ20_E	How confident: healthy	1.0
KQ20_F	How confident: extra lean	1.0
KQ21_A	Does govt define: low-cholesterol	1.0
KQ21_B	Does govt define: light	1.0
KQ21_C	Does govt define: extra lean	1.0
KQ22_A	High or low: 100mg sodium	1.0
KQ22_B	High or low: 20g fat	1.0
KQ22_C	High or low: 15mg cholesterol	1.0
KQ22_D	High or low: 5g fiber	1.0
KQ22_E	High or low: 10g saturated fat	1.0
KQ23_A	Labels: nutrient info is useful	1.0
KQ23_B	Labels: confident in use	1.0
KQ23_C	Labels: nutrient info hard to interpret	1.0
KQ23_D	Labels: reading takes too much time	1.0
KQ23_E	Labels: read because health is important	1.0
KQ23_F	Labels: would like to learn more	1.0
KQ23_G	Labels: reading -> easier to choose	1.0
KQ23_H	Labels: sometimes try new foods	1.0
KQ23_I	Labels: use -> better choices	1.0
KQ23_J	Labels: using is better than not using	1.0
KQ24_A	Labels: confident of use	1.0
KQ24_B	Labels: nutrition info hard to interpret	1.0
KQ24_C	Labels: reading takes too much time	1.0
KQ24_D	Labels: would like to learn more	1.0
KQ24_E	Labels: use -> better food choices	1.0
KQ25_A	Does govt define: low-cholesterol	1.0
KQ25_B	Does govt define: light	1.0
KQ25_C	Does govt define: extra lean	1.0
KQ26_A	Eat/use: lower-fat luncheon meats	1.0
KQ26_B	Eat/use: skim or 1% milk	1.0
KQ26_C	Eat/use: low-fat cheese	1.0
KQ26_D	Eat/use: ice milk, frozen yogurt, ...	1.0
KQ26_E	Eat/use: low-cal salad dressing	1.0
KQ26_F	Eat/use: fruit for dessert	1.0
KQ26_G	Eat/use: fish or poultry instead of meat	1.0
KQ27	Add fat to boiled/baked potatoes	1.0
KQ28	Add fat to other cooked vegetables	1.0
KQ29	Eat vegetables with creamy sauces.	1.0
KQ30	Eat fried chicken	1.0
KQ31	Eat chicken with skin removed	1.0
KQ32	Amount of table fat on breads/muffins	1.0
KQ33_A	Eat: bakery products like cakes, ...	1.0
KQ33_B	Eat: chips	1.0
KQ34	Eat meat at main meals	1.0
KQ35	Portion size of meat	1.0
KQ36	Trim the fat on meat	1.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Minimum
KQ37	How many eggs a week	1.0
KQ38	Wash fruits and vegetables	1.0
KQ39	Eat the peel of fresh fruit	1.0
KQ40	Eat the peel of fresh vegetables	1.0
KQ41	Eat the outer leaves of vegetables	1.0
KQ42	Most responsible for meals	1.0
YEAR	Year of survey	1994.0
WTA_DHK	Final 3-annual	2480.0
WTA_DHK2	Final annual DHKS (2-day) weight	1581.0

Variable	Label	Maximum
RT	Record type	50.0
HHID	Household ID	52724.0
SPNUM	Sample person number	11.0
VARSTRAT	Variance-estimation stratum	43.0
VARUNIT	Variance-estimation unit	2.0
REGION	Region	4.0
URB	Urbanization	3.0
HHSIZE	Household size	16.0
INCOME	Annual income: total	100000.0
INCREP	Annual income: actual report	9.0
PCTPOV	Annual income: percent of poverty	300.0
POVCAT	Annual income: % of poverty category	3.0
IMPFLAG	Annual income: imputation flag	5.0
FS_RCV12	Food stamps: in last 12 months	9.0
AGE	Age in years	90.0
SEX	Sex	2.0
REL_REF	Relationship to reference person	12.0
RACE	Race	5.0
ORIGIN	Hispanic origin	5.0
HEAD_HH	Head of household	9.0
PL_STAT	Pregnant/lactating status	5.0
FS_AUTH	Food stamps: authorized	9.0
COMP_D1	Day 1 flag	1.0
COMP_D2	Day 2 flag	2.0
COMP_DHK	DHKS flag	1.0
WT3_DHK	Final 3-year DHKS weight	612968.0
WT3_DHK2	Final 3-year DHKS (2-day) weight	582820.0
GRADE	Highest grade completed	99.0
EMP_STAT	Employment status	9.0
PLAN_YN	Meal planner: yes or no	9.0
SHOP_YN	Food shopper: yes or no	9.0
PREP_YN	Food preparer: yes or no	9.0
WIC_YN	WIC: receiving benefits	9.0
D1_TV	Day 1: Hours of TV / video (day 1)	99.0
D2_TV	Day 2: Hours of TV / video	99.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
SALT_TYP	Salt type	9.0
SALT_FRQ	Salt frequency	9.0
DT01	Diet: low cal: yes or no	9.0
DT01_SRC	Diet: low cal: source	99.0
DT02	Diet: low fat: yes or no	9.0
DT02_SRC	Diet: low fat: source	99.0
DT03	Diet: low salt: yes or no	9.0
DT03_SRC	Diet: low salt: source	99.0
DT06	Diet: high fiber: yes or no	9.0
DT06_SRC	Diet: high fiber: source	99.0
DT07	Diet: diabetic: yes or no	9.0
DT07_SRC	Diet: diabetic: source	99.0
VT_FREQ	Vit sup: frequency	9.0
HGT_SP	Height of SP	99.0
WGT_SP	Weight of SP	999.0
BMI_SP	Body mass index	100.0
HEALTH	Health status	9.0
DOCTOR1	Doctor told: diabetes	9.0
DOCTOR2	Doctor told: high blood pressure	9.0
DOCTOR3	Doctor told: heart disease	9.0
DOCTOR4	Doctor told: cancer	9.0
DOCTOR5	Doctor told: osteoporosis	9.0
DOCTOR6	Doctor told: high blood cholesterol	9.0
DOCTOR7	Doctor told: stroke	9.0
EXERCISE	Exercise frequency	9.0
SMK_100	Smoke: 100 cigarettes	9.0
SMK_NOW	Smoke: now	9.0
WT_DHK_B	Base weight	1154556.0
WT_DHK_A	Adjusted base weight	1165563.0
K_PHONE	DHKS: mode of interview	2.0
K_LANG	Language type of DHKS quex	2.0
KQ1_A	K1a: # of servings: fruit	99.0
KQ1_B	K1b: # of servings: vegetable	99.0
KQ1_C	K1c: # of servings: dairy	99.0
KQ1_D	K1d: # of servings: grain	99.0
KQ1_E	K1e: # of servings: meat, beans, eggs	99.0
KQ2_A	K2a: choosing a healthy diet	9.0
KQ2_B	K2b: variety of foods	9.0
KQ2_C	K2c: some born fat / some born thin	9.0
KQ2_D	K2d: starchy foods -> fat	9.0
KQ2_E	K2e: hard to know what to believe	9.0
KQ2_F	K2f: what you eat -> chance of disease	9.0
KQ2_G	K2g: no reason to change	9.0
KQ3_A	How does diet compare: calories	9.0
KQ3_B	How does diet compare: calcium	9.0
KQ3_C	How does diet compare: iron	9.0
KQ3_D	How does diet compare: vitamin C	9.0
KQ3_E	How does diet compare: protein	9.0
KQ3_F	How does diet compare: fat	9.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
KQ3_G	How does diet compare: saturated fat	9.0
KQ3_H	How does diet compare: cholesterol	9.0
KQ3_I	How does diet compare: salt or sodium	9.0
KQ3_J	How does diet compare: fiber	9.0
KQ3_K	How does diet compare: sugar / sweets	9.0
KQ4_A	Importance: salt in moderation	9.0
KQ4_B	Importance: low in saturated fat	9.0
KQ4_C	Importance: fruits and vegetables	9.0
KQ4_D	Importance: sugars in moderation	9.0
KQ4_E	Importance: adequate fiber	9.0
KQ4_F	Importance: variety of foods	9.0
KQ4_G	Importance: healthy weight	9.0
KQ4_H	Importance: low in fat	9.0
KQ4_I	Importance: low in cholesterol	9.0
KQ4_J	Importance: grain products	9.0
KQ4_K	Importance: dairy products	9.0
KQ5_A	Aware of problems: fat	9.0
KQ6_A_NS	Fat: problems not specified	2.0
KQ6_A_01	Fat: heart / arteries	2.0
KQ6_A_02	Fat: arthritis	2.0
KQ6_A_03	Fat: bone problems	2.0
KQ6_A_04	Fat: breathing problems	2.0
KQ6_A_05	Fat: cancer	2.0
KQ6_A_06	Fat: digestive problems	2.0
KQ6_A_07	Fat: tooth problems	2.0
KQ6_A_08	Fat: diabetes	2.0
KQ6_A_09	Fat: edema	2.0
KQ6_A_10	Fat: fatigue	2.0
KQ6_A_11	Fat: high blood cholesterol	2.0
KQ6_A_12	Fat: high blood pressure	2.0
KQ6_A_13	Fat: hyperactivity	2.0
KQ6_A_14	Fat: kidney disease	2.0
KQ6_A_15	Fat: overweight	2.0
KQ6_A_16	Fat: stroke	2.0
KQ6_A_17	Fat: other	2.0
KQ5_B	Aware of problems: fiber	9.0
KQ6_B_NS	Fiber: problems not specified	2.0
KQ6_B_01	Fiber: heart / arteries	2.0
KQ6_B_02	Fiber: arthritis	2.0
KQ6_B_03	Fiber: bone problems	2.0
KQ6_B_04	Fiber: breathing problems	2.0
KQ6_B_05	Fiber: cancer	2.0
KQ6_B_06	Fiber: digestive problems	2.0
KQ6_B_07	Fiber: tooth problems	2.0
KQ6_B_08	Fiber: diabetes	2.0
KQ6_B_09	Fiber: edema	2.0
KQ6_B_10	Fiber: fatigue	2.0
KQ6_B_11	Fiber: high blood cholesterol	2.0
KQ6_B_12	Fiber: high blood pressure	2.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
KQ6_B_13	Fiber: hyperactivity	2.0
KQ6_B_14	Fiber: kidney disease	2.0
KQ6_B_15	Fiber: overweight	2.0
KQ6_B_16	Fiber: stroke	2.0
KQ6_B_17	Fiber: other	2.0
KQ5_C	Aware of problems: salt	9.0
KQ6_C_NS	Salt: problems not specified	2.0
KQ6_C_01	Salt: heart / arteries	2.0
KQ6_C_02	Salt: arthritis	2.0
KQ6_C_03	Salt: bone problems	2.0
KQ6_C_04	Salt: breathing problems	2.0
KQ6_C_05	Salt: cancer	2.0
KQ6_C_06	Salt: digestive problems	2.0
KQ6_C_07	Salt: tooth problems	2.0
KQ6_C_08	Salt: diabetes	2.0
KQ6_C_09	Salt: edema	2.0
KQ6_C_10	Salt: fatigue	2.0
KQ6_C_11	Salt: high blood cholesterol	2.0
KQ6_C_12	Salt: high blood pressure	2.0
KQ6_C_13	Salt: hyperactivity	2.0
KQ6_C_14	Salt: kidney disease	2.0
KQ6_C_15	Salt: overweight	2.0
KQ6_C_16	Salt: stroke	2.0
KQ6_C_17	Salt: other	2.0
KQ5_D	Aware of problems: calcium	9.0
KQ6_D_NS	Calcium: problems not specified	2.0
KQ6_D_01	Calcium: heart / arteries	2.0
KQ6_D_02	Calcium: arthritis	2.0
KQ6_D_03	Calcium: bone problems	2.0
KQ6_D_04	Calcium: breathing problems	2.0
KQ6_D_05	Calcium: cancer	2.0
KQ6_D_06	Calcium: digestive problems	2.0
KQ6_D_07	Calcium: tooth problems	2.0
KQ6_D_08	Calcium: diabetes	2.0
KQ6_D_09	Calcium: edema	2.0
KQ6_D_10	Calcium: fatigue	2.0
KQ6_D_11	Calcium: high blood cholesterol	2.0
KQ6_D_12	Calcium: high blood pressure	2.0
KQ6_D_13	Calcium: hyperactivity	2.0
KQ6_D_14	Calcium: kidney disease	2.0
KQ6_D_15	Calcium: overweight	2.0
KQ6_D_16	Calcium: stroke	2.0
KQ6_D_17	Calcium: other	2.0
KQ5_E	Aware of problems: cholesterol	9.0
KQ6_E_NS	Cholesterol: problems not specified	2.0
KQ6_E_01	Cholesterol: heart / arteries	2.0
KQ6_E_02	Cholesterol: arthritis	2.0
KQ6_E_03	Cholesterol: bone problems	2.0
KQ6_E_04	Cholesterol: breathing problems	2.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
KQ6_E_05	Cholesterol: cancer	2.0
KQ6_E_06	Cholesterol: digestive problems	2.0
KQ6_E_07	Cholesterol: tooth problems	2.0
KQ6_E_08	Cholesterol: diabetes	2.0
KQ6_E_09	Cholesterol: edema	2.0
KQ6_E_10	Cholesterol: fatigue	2.0
KQ6_E_11	Cholesterol: high blood cholesterol	2.0
KQ6_E_12	Cholesterol: high blood pressure	2.0
KQ6_E_13	Cholesterol: hyperactivity	2.0
KQ6_E_14	Cholesterol: kidney disease	2.0
KQ6_E_15	Cholesterol: overweight	2.0
KQ6_E_16	Cholesterol: stroke	2.0
KQ6_E_17	Cholesterol: other	2.0
KQ5_F	Aware of problems: sugar	9.0
KQ6_F_NS	Sugar: problems not specified	2.0
KQ6_F_01	Sugar: heart / arteries	2.0
KQ6_F_02	Sugar: arthritis	2.0
KQ6_F_03	Sugar: bone problems	2.0
KQ6_F_04	Sugar: breathing problems	2.0
KQ6_F_05	Sugar: cancer	2.0
KQ6_F_06	Sugar: digestive problems	2.0
KQ6_F_07	Sugar: tooth problems	2.0
KQ6_F_08	Sugar: diabetes	2.0
KQ6_F_09	Sugar: edema	2.0
KQ6_F_10	Sugar: fatigue	2.0
KQ6_F_11	Sugar: high blood cholesterol	2.0
KQ6_F_12	Sugar: high blood pressure	2.0
KQ6_F_13	Sugar: hyperactivity	2.0
KQ6_F_14	Sugar: kidney disease	2.0
KQ6_F_15	Sugar: overweight	2.0
KQ6_F_16	Sugar: stroke	2.0
KQ6_F_17	Sugar: other	2.0
KQ5_G	Aware of problems: overweight	9.0
KQ6_G_NS	Overweight: problems not specified	2.0
KQ6_G_01	Overweight: heart / arteries	2.0
KQ6_G_02	Overweight: arthritis	2.0
KQ6_G_03	Overweight: bone problems	2.0
KQ6_G_04	Overweight: breathing problems	2.0
KQ6_G_05	Overweight: cancer	2.0
KQ6_G_06	Overweight: digestive problems	2.0
KQ6_G_07	Overweight: tooth problems	2.0
KQ6_G_08	Overweight: diabetes	2.0
KQ6_G_09	Overweight: edema	2.0
KQ6_G_10	Overweight: fatigue	2.0
KQ6_G_11	Overweight: high blood cholesterol	2.0
KQ6_G_12	Overweight: high blood pressure	2.0
KQ6_G_13	Overweight: hyperactivity	2.0
KQ6_G_14	Overweight: kidney disease	2.0
KQ6_G_15	Overweight: overweight	2.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
KQ6_G_16	Overweight: stroke	2.0
KQ6_G_17	Overweight: other	2.0
KQ7	Self-reported weight status	9.0
KQ8_A	More sat. fat?: liver/t-bone	9.0
KQ8_B	More sat. fat?: butter/margarine	9.0
KQ8_C	More sat. fat?: egg white yolk	9.0
KQ8_D	More sat. fat?: skim/whole milk	9.0
KQ9_A	More fat?: hamburger/ground round	9.0
KQ9_B	More fat?: pork chops/spare ribs	9.0
KQ9_C	More fat?: Hot dogs/ham	9.0
KQ9_D	More fat?: peanuts/popcorn	9.0
KQ9_E	More fat?: yogurt/sour cream	9.0
KQ9_F	More fat?: porterhouse/round	9.0
KQ10	Liquid or solid fat	9.0
KQ11	No cholesterol ->	9.0
KQ12	Is cholesterol found in	9.0
KQ13	Only vegetable oil ->	9.0
KQ14	'Light' means	9.0
KQ15_A	Importance: how safe is food	9.0
KQ15_B	Importance: nutrition	9.0
KQ15_C	Importance: price	9.0
KQ15_D	Importance: how well the food keeps	9.0
KQ15_E	Importance: how easy to prepare	9.0
KQ15_F	Importance: taste	9.0
KQ16_A	Do you use: list of ingredients	9.0
KQ16_B	Do you use: short phrases	9.0
KQ16_C	Do you use: nutrition panel	9.0
KQ16_D	Do you use: serving size	9.0
KQ16_E	Do you use: health benefits	9.0
KQ16_NVR	K16: never / never seen	2.0
KQ17_A	Look for on label: calories	9.0
KQ17_B	Look for on label: salt or sodium	9.0
KQ17_C	Look for on label: total fat	9.0
KQ17_D	Look for on label: saturated fat	9.0
KQ17_E	Look for on label: cholesterol	9.0
KQ17_F	Look for on label: vitamins/minerals	9.0
KQ17_G	Look for on label: fiber	9.0
KQ17_H	Look for on label: sugars	9.0
KQ18_A	Look for on: dessert items	9.0
KQ18_B	Look for on: snack items	9.0
KQ18_C	Look for on: frozen dinners	9.0
KQ18_D	Look for on: breakfast cereals	9.0
KQ18_E	Look for on: cheese	9.0
KQ18_F	Look for on: fresh fruits/vegetables	9.0
KQ18_G	Look for on: salad dressings	9.0
KQ18_H	Look for on: table spreads	9.0
KQ18_I	Look for on: raw meat	9.0
KQ18_J	Look for on: processed meat	9.0
KQ19_A	Understood: list of ingredients	9.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
KQ19_B	Understood: short phrase	9.0
KQ19_C	Understood: calories in serving	9.0
KQ19_D	Understood: calories from fat	9.0
KQ19_E	Understood: nutrients	9.0
KQ19_F	Understood: daily value	9.0
KQ19_G	Understood: descriptions like lean'	9.0
KQ20_A	How confident: low-fat	9.0
KQ20_B	How confident: low-cholesterol	9.0
KQ20_C	How confident: good source of fiber	9.0
KQ20_D	How confident: light	9.0
KQ20_E	How confident: healthy	9.0
KQ20_F	How confident: extra lean	9.0
KQ21_A	Does govt define: low-cholesterol	9.0
KQ21_B	Does govt define: light	9.0
KQ21_C	Does govt define: extra lean	9.0
KQ22_A	High or low: 100mg sodium	9.0
KQ22_B	High or low: 20g fat	9.0
KQ22_C	High or low: 15mg cholesterol	9.0
KQ22_D	High or low: 5g fiber	9.0
KQ22_E	High or low: 10g saturated fat	9.0
KQ23_A	Labels: nutrient info is useful	9.0
KQ23_B	Labels: confident in use	9.0
KQ23_C	Labels: nutrient info hard to interpret	9.0
KQ23_D	Labels: reading takes too much time	9.0
KQ23_E	Labels: read because health is important	9.0
KQ23_F	Labels: would like to learn more	9.0
KQ23_G	Labels: reading -> easier to choose	9.0
KQ23_H	Labels: sometimes try new foods	9.0
KQ23_I	Labels: use -> better choices	9.0
KQ23_J	Labels: using is better than not using	9.0
KQ24_A	Labels: confident of use	9.0
KQ24_B	Labels: nutrition info hard to interpret	9.0
KQ24_C	Labels: reading takes too much time	9.0
KQ24_D	Labels: would like to learn more	9.0
KQ24_E	Labels: use -> better food choices	9.0
KQ25_A	Does govt define: low-cholesterol	9.0
KQ25_B	Does govt define: light	9.0
KQ25_C	Does govt define: extra lean	9.0
KQ26_A	Eat/use: lower-fat luncheon meats	9.0
KQ26_B	Eat/use: skim or 1% milk	9.0
KQ26_C	Eat/use: low-fat cheese	9.0
KQ26_D	Eat/use: ice milk, frozen yogurt, ...	9.0
KQ26_E	Eat/use: low-cal salad dressing	9.0
KQ26_F	Eat/use: fruit for dessert	9.0
KQ26_G	Eat/use: fish or poultry instead of meat	9.0
KQ27	Add fat to boiled/baked potatoes	9.0
KQ28	Add fat to other cooked vegetables	9.0
KQ29	Eat vegetables with creamy sauces.	9.0
KQ30	Eat fried chicken	9.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Maximum
KQ31	Eat chicken with skin removed	9.0
KQ32	Amount of table fat on breads/muffins	9.0
KQ33_A	Eat: bakery products like cakes, ...	9.0
KQ33_B	Eat: chips	9.0
KQ34	Eat meat at main meals	9.0
KQ35	Portion size of meat	9.0
KQ36	Trim the fat on meat	9.0
KQ37	How many eggs a week	9.0
KQ38	Wash fruits and vegetables	9.0
KQ39	Eat the peel of fresh fruit	9.0
KQ40	Eat the peel of fresh vegetables	9.0
KQ41	Eat the outer leaves of vegetables	9.0
KQ42	Most responsible for meals	9.0
YEAR	Year of survey	1996.0
WTA_DHK	Final 3-annual	1693131.0
WTA_DHK2	Final annual DHKS (2-day) weight	1816106.0

Variable	Label	Sum
RT	Record type	288250.0
HHID	Household ID	146428142.0
SPNUM	Sample person number	7590.0
VARSTRAT	Variance-estimation stratum	92414.0
VARUNIT	Variance-estimation unit	8604.0
REGION	Region	14781.0
URB	Urbanization	11338.0
HHSIZE	Household size	14888.0
INCOME	Annual income: total	201226245.0
INCREP	Annual income: actual report	14456.0
PCTPOV	Annual income: percent of poverty	1239589.0
POVCAT	Annual income: % of poverty category	12116.0
IMPFLAG	Annual income: imputation flag	8179.0
FS_RCV12	Food stamps: in last 12 months	11177.0
AGE	Age in years	292988.0
SEX	Sex	8633.0
REL_REF	Relationship to reference person	3925.0
RACE	Race	7728.0
ORIGIN	Hispanic origin	27617.0
HEAD_HH	Head of household	6202.0
PL_STAT	Pregnant/lactating status	26990.0
FS_AUTH	Food stamps: authorized	11438.0
COMP_D1	Day 1 flag	5765.0
COMP_D2	Day 2 flag	5881.0
COMP_DHK	DHKS flag	5765.0
WT3_DHK	Final 3-year DHKS weight	184411666.0
WT3_DHK2	Final 3-year DHKS (2-day) weight	184411632.0
GRADE	Highest grade completed	78245.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
EMP_STAT	Employment status	14517.0
PLAN_YN	Meal planner: yes or no	7817.0
SHOP_YN	Food shopper: yes or no	7693.0
PREP_YN	Food preparer: yes or no	7797.0
WIC_YN	WIC: receiving benefits	11907.0
D1_TV	Day 1: Hours of TV / video (day 1)	18092.0
D2_TV	Day 2: Hours of TV / video	21470.0
SALT_TYP	Salt type	14695.0
SALT_FRQ	Salt frequency	10606.0
DT01	Diet: low cal: yes or no	11173.0
DT01_SRC	Diet: low cal: source	3054.0
DT02	Diet: low fat: yes or no	11010.0
DT02_SRC	Diet: low fat: source	4661.0
DT03	Diet: low salt: yes or no	11244.0
DT03_SRC	Diet: low salt: source	2138.0
DT06	Diet: high fiber: yes or no	11450.0
DT06_SRC	Diet: high fiber: source	1086.0
DT07	Diet: diabetic: yes or no	11345.0
DT07_SRC	Diet: diabetic: source	1666.0
VT_FREQ	Vit sup: frequency	12789.0
HGT_SP	Height of SP	387085.0
WGT_SP	Weight of SP	1055820.0
BMI_SP	Body mass index	161773.8
HEALTH	Health status	14336.0
DOCTOR1	Doctor told: diabetes	11130.0
DOCTOR2	Doctor told: high blood pressure	10056.0
DOCTOR3	Doctor told: heart disease	10980.0
DOCTOR4	Doctor told: cancer	11205.0
DOCTOR5	Doctor told: osteoporosis	11402.0
DOCTOR6	Doctor told: high blood cholesterol	10646.0
DOCTOR7	Doctor told: stroke	11421.0
EXERCISE	Exercise frequency	22512.0
SMK_100	Smoke: 100 cigarettes	8542.0
SMK_NOW	Smoke: now	4609.0
WT_DHK_B	Base weight	435345763.0
WT_DHK_A	Adjusted base weight	474425765.0
K_PHONE	DHKS: mode of interview	10636.0
K_LANG	Language type of DHKS quex	5912.0
KQ1_A	K1a: # of servings: fruit	39387.0
KQ1_B	K1b: # of servings: vegetable	36782.0
KQ1_C	K1c: # of servings: dairy	39374.0
KQ1_D	K1d: # of servings: grain	38296.0
KQ1_E	K1e: # of servings: meat, beans, eggs	34185.0
KQ2_A	K2a: choosing a healthy diet	18691.0
KQ2_B	K2b: variety of foods	17722.0
KQ2_C	K2c: some born fat / some born thin	13843.0
KQ2_D	K2d: starchy foods -> fat	13356.0
KQ2_E	K2e: hard to know what to believe	18451.0
KQ2_F	K2f: what you eat -> chance of disease	20221.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
KQ2_G	K2g: no reason to change	15343.0
KQ3_A	How does diet compare: calories	15521.0
KQ3_B	How does diet compare: calcium	15081.0
KQ3_C	How does diet compare: iron	16678.0
KQ3_D	How does diet compare: vitamin C	15324.0
KQ3_E	How does diet compare: protein	16614.0
KQ3_F	How does diet compare: fat	14747.0
KQ3_G	How does diet compare: saturated fat	17402.0
KQ3_H	How does diet compare: cholesterol	17075.0
KQ3_I	How does diet compare: salt or sodium	15508.0
KQ3_J	How does diet compare: fiber	14936.0
KQ3_K	How does diet compare: sugar / sweets	14762.0
KQ4_A	Importance: salt in moderation	19539.0
KQ4_B	Importance: low in saturated fat	20688.0
KQ4_C	Importance: fruits and vegetables	21022.0
KQ4_D	Importance: sugars in moderation	19748.0
KQ4_E	Importance: adequate fiber	20449.0
KQ4_F	Importance: variety of foods	20581.0
KQ4_G	Importance: healthy weight	21296.0
KQ4_H	Importance: low in fat	20281.0
KQ4_I	Importance: low in cholesterol	20458.0
KQ4_J	Importance: grain products	17712.0
KQ4_K	Importance: dairy products	17674.0
KQ5_A	Aware of problems: fat	6997.0
KQ6_A_NS	Fat: problems not specified	9757.0
KQ6_A_01	Fat: heart / arteries	5869.0
KQ6_A_02	Fat: arthritis	9585.0
KQ6_A_03	Fat: bone problems	9591.0
KQ6_A_04	Fat: breathing problems	9553.0
KQ6_A_05	Fat: cancer	9264.0
KQ6_A_06	Fat: digestive problems	9446.0
KQ6_A_07	Fat: tooth problems	9602.0
KQ6_A_08	Fat: diabetes	9400.0
KQ6_A_09	Fat: edema	9607.0
KQ6_A_10	Fat: fatigue	9530.0
KQ6_A_11	Fat: high blood cholesterol	8734.0
KQ6_A_12	Fat: high blood pressure	9027.0
KQ6_A_13	Fat: hyperactivity	9601.0
KQ6_A_14	Fat: kidney disease	9579.0
KQ6_A_15	Fat: overweight	8182.0
KQ6_A_16	Fat: stroke	9357.0
KQ6_A_17	Fat: other	9442.0
KQ5_B	Aware of problems: fiber	7994.0
KQ6_B_NS	Fiber: problems not specified	7331.0
KQ6_B_01	Fiber: heart / arteries	6909.0
KQ6_B_02	Fiber: arthritis	7073.0
KQ6_B_03	Fiber: bone problems	7051.0
KQ6_B_04	Fiber: breathing problems	7073.0
KQ6_B_05	Fiber: cancer	6282.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
KQ6_B_06	Fiber: digestive problems	4204.0
KQ6_B_07	Fiber: tooth problems	7068.0
KQ6_B_08	Fiber: diabetes	7047.0
KQ6_B_09	Fiber: edema	7072.0
KQ6_B_10	Fiber: fatigue	6986.0
KQ6_B_11	Fiber: high blood cholesterol	7002.0
KQ6_B_12	Fiber: high blood pressure	7050.0
KQ6_B_13	Fiber: hyperactivity	7077.0
KQ6_B_14	Fiber: kidney disease	7055.0
KQ6_B_15	Fiber: overweight	7013.0
KQ6_B_16	Fiber: stroke	7069.0
KQ6_B_17	Fiber: other	6917.0
KQ5_C	Aware of problems: salt	6626.0
KQ6_C_NS	Salt: problems not specified	9846.0
KQ6_C_01	Salt: heart / arteries	7985.0
KQ6_C_02	Salt: arthritis	9568.0
KQ6_C_03	Salt: bone problems	9543.0
KQ6_C_04	Salt: breathing problems	9566.0
KQ6_C_05	Salt: cancer	9558.0
KQ6_C_06	Salt: digestive problems	9532.0
KQ6_C_07	Salt: tooth problems	9566.0
KQ6_C_08	Salt: diabetes	9441.0
KQ6_C_09	Salt: edema	8941.0
KQ6_C_10	Salt: fatigue	9549.0
KQ6_C_11	Salt: high blood cholesterol	9286.0
KQ6_C_12	Salt: high blood pressure	6354.0
KQ6_C_13	Salt: hyperactivity	9555.0
KQ6_C_14	Salt: kidney disease	9396.0
KQ6_C_15	Salt: overweight	9451.0
KQ6_C_16	Salt: stroke	9410.0
KQ6_C_17	Salt: other	9400.0
KQ5_D	Aware of problems: calcium	7044.0
KQ6_D_NS	Calcium: problems not specified	9080.0
KQ6_D_01	Calcium: heart / arteries	8845.0
KQ6_D_02	Calcium: arthritis	8833.0
KQ6_D_03	Calcium: bone problems	4758.0
KQ6_D_04	Calcium: breathing problems	8912.0
KQ6_D_05	Calcium: cancer	8906.0
KQ6_D_06	Calcium: digestive problems	8898.0
KQ6_D_07	Calcium: tooth problems	8138.0
KQ6_D_08	Calcium: diabetes	8906.0
KQ6_D_09	Calcium: edema	8914.0
KQ6_D_10	Calcium: fatigue	8877.0
KQ6_D_11	Calcium: high blood cholesterol	8909.0
KQ6_D_12	Calcium: high blood pressure	8886.0
KQ6_D_13	Calcium: hyperactivity	8916.0
KQ6_D_14	Calcium: kidney disease	8904.0
KQ6_D_15	Calcium: overweight	8894.0
KQ6_D_16	Calcium: stroke	8912.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
KQ6_D_17	Calcium: other	8721.0
KQ5_E	Aware of problems: cholesterol	6670.0
KQ6_E_NS	Cholesterol: problems not specified	9803.0
KQ6_E_01	Cholesterol: heart / arteries	5396.0
KQ6_E_02	Cholesterol: arthritis	9565.0
KQ6_E_03	Cholesterol: bone problems	9559.0
KQ6_E_04	Cholesterol: breathing problems	9568.0
KQ6_E_05	Cholesterol: cancer	9490.0
KQ6_E_06	Cholesterol: digestive problems	9548.0
KQ6_E_07	Cholesterol: tooth problems	9582.0
KQ6_E_08	Cholesterol: diabetes	9517.0
KQ6_E_09	Cholesterol: edema	9581.0
KQ6_E_10	Cholesterol: fatigue	9552.0
KQ6_E_11	Cholesterol: high blood cholesterol	9068.0
KQ6_E_12	Cholesterol: high blood pressure	8955.0
KQ6_E_13	Cholesterol: hyperactivity	9582.0
KQ6_E_14	Cholesterol: kidney disease	9574.0
KQ6_E_15	Cholesterol: overweight	9310.0
KQ6_E_16	Cholesterol: stroke	9214.0
KQ6_E_17	Cholesterol: other	9457.0
KQ5_F	Aware of problems: sugar	7094.0
KQ6_F_NS	Sugar: problems not specified	8990.0
KQ6_F_01	Sugar: heart / arteries	8552.0
KQ6_F_02	Sugar: arthritis	8791.0
KQ6_F_03	Sugar: bone problems	8785.0
KQ6_F_04	Sugar: breathing problems	8793.0
KQ6_F_05	Sugar: cancer	8775.0
KQ6_F_06	Sugar: digestive problems	8687.0
KQ6_F_07	Sugar: tooth problems	8132.0
KQ6_F_08	Sugar: diabetes	5813.0
KQ6_F_09	Sugar: edema	8789.0
KQ6_F_10	Sugar: fatigue	8740.0
KQ6_F_11	Sugar: high blood cholesterol	8768.0
KQ6_F_12	Sugar: high blood pressure	8596.0
KQ6_F_13	Sugar: hyperactivity	8508.0
KQ6_F_14	Sugar: kidney disease	8749.0
KQ6_F_15	Sugar: overweight	7472.0
KQ6_F_16	Sugar: stroke	8775.0
KQ6_F_17	Sugar: other	8587.0
KQ5_G	Aware of problems: overweight	6301.0
KQ6_G_NS	Overweight: problems not specified	10470.0
KQ6_G_01	Overweight: heart / arteries	6059.0
KQ6_G_02	Overweight: arthritis	10135.0
KQ6_G_03	Overweight: bone problems	10015.0
KQ6_G_04	Overweight: breathing problems	9813.0
KQ6_G_05	Overweight: cancer	10082.0
KQ6_G_06	Overweight: digestive problems	10141.0
KQ6_G_07	Overweight: tooth problems	10238.0
KQ6_G_08	Overweight: diabetes	9393.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
KQ6_G_09	Overweight: edema	10202.0
KQ6_G_10	Overweight: fatigue	9681.0
KQ6_G_11	Overweight: high blood cholesterol	10013.0
KQ6_G_12	Overweight: high blood pressure	9031.0
KQ6_G_13	Overweight: hyperactivity	10236.0
KQ6_G_14	Overweight: kidney disease	10141.0
KQ6_G_15	Overweight: overweight	9649.0
KQ6_G_16	Overweight: stroke	9890.0
KQ6_G_17	Overweight: other	9632.0
KQ7	Self-reported weight status	11845.0
KQ8_A	More sat. fat?: liver/t-bone	14645.0
KQ8_B	More sat. fat?: butter/margarine	10174.0
KQ8_C	More sat. fat?: egg white yolk	14521.0
KQ8_D	More sat. fat?: skim/whole milk	12836.0
KQ9_A	More fat?: hamburger/ground round	9907.0
KQ9_B	More fat?: pork chops/spare ribs	14598.0
KQ9_C	More fat?: Hot dogs/ham	11177.0
KQ9_D	More fat?: peanuts/popcorn	8254.0
KQ9_E	More fat?: yogurt/sour cream	14153.0
KQ9_F	More fat?: porterhouse/round	17098.0
KQ10	Liquid or solid fat	24835.0
KQ11	No cholesterol ->	20129.0
KQ12	Is cholesterol found in	18677.0
KQ13	Only vegetable oil ->	17712.0
KQ14	'Light' means	20949.0
KQ15_A	Importance: how safe is food	22286.0
KQ15_B	Importance: nutrition	20989.0
KQ15_C	Importance: price	19054.0
KQ15_D	Importance: how well the food keeps	20316.0
KQ15_E	Importance: how easy to prepare	18102.0
KQ15_F	Importance: taste	22154.0
KQ16_A	Do you use: list of ingredients	13876.0
KQ16_B	Do you use: short phrases	14263.0
KQ16_C	Do you use: nutrition panel	13614.0
KQ16_D	Do you use: serving size	15583.0
KQ16_E	Do you use: health benefits	15799.0
KQ16_NVR	K16: never / never seen	10538.0
KQ17_A	Look for on label: calories	9800.0
KQ17_B	Look for on label: salt or sodium	10308.0
KQ17_C	Look for on label: total fat	9163.0
KQ17_D	Look for on label: saturated fat	10059.0
KQ17_E	Look for on label: cholesterol	10127.0
KQ17_F	Look for on label: vitamins/minerals	11010.0
KQ17_G	Look for on label: fiber	11797.0
KQ17_H	Look for on label: sugars	10716.0
KQ18_A	Look for on: dessert items	13626.0
KQ18_B	Look for on: snack items	13214.0
KQ18_C	Look for on: frozen dinners	15204.0
KQ18_D	Look for on: breakfast cereals	11137.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
KQ18_E	Look for on: cheese	13250.0
KQ18_F	Look for on: fresh fruits/vegetables	17208.0
KQ18_G	Look for on: salad dressings	11730.0
KQ18_H	Look for on: table spreads	11595.0
KQ18_I	Look for on: raw meat	14905.0
KQ18_J	Look for on: processed meat	13429.0
KQ19_A	Understood: list of ingredients	9711.0
KQ19_B	Understood: short phrase	10551.0
KQ19_C	Understood: calories in serving	8719.0
KQ19_D	Understood: calories from fat	10425.0
KQ19_E	Understood: nutrients	11256.0
KQ19_F	Understood: daily value	11364.0
KQ19_G	Understood: descriptions like lean'	9627.0
KQ20_A	How confident: low-fat	11690.0
KQ20_B	How confident: low-cholesterol	11793.0
KQ20_C	How confident: good source of fiber	11211.0
KQ20_D	How confident: light	12514.0
KQ20_E	How confident: healthy	12564.0
KQ20_F	How confident: extra lean	11140.0
KQ21_A	Does govt define: low-cholesterol	14415.0
KQ21_B	Does govt define: light	14218.0
KQ21_C	Does govt define: extra lean	14097.0
KQ22_A	High or low: 100mg sodium	14013.0
KQ22_B	High or low: 20g fat	13392.0
KQ22_C	High or low: 15mg cholesterol	16805.0
KQ22_D	High or low: 5g fiber	14100.0
KQ22_E	High or low: 10g saturated fat	14748.0
KQ23_A	Labels: nutrient info is useful	16107.0
KQ23_B	Labels: confident in use	14440.0
KQ23_C	Labels: nutrient info hard to interpret	13415.0
KQ23_D	Labels: reading takes too much time	11940.0
KQ23_E	Labels: read because health is important	16556.0
KQ23_F	Labels: would like to learn more	15760.0
KQ23_G	Labels: reading -> easier to choose	15595.0
KQ23_H	Labels: sometimes try new foods	13390.0
KQ23_I	Labels: use -> better choices	15268.0
KQ23_J	Labels: using is better than not using	15738.0
KQ24_A	Labels: confident of use	2994.0
KQ24_B	Labels: nutrition info hard to interpret	3669.0
KQ24_C	Labels: reading takes too much time	3516.0
KQ24_D	Labels: would like to learn more	2965.0
KQ24_E	Labels: use -> better food choices	3330.0
KQ25_A	Does govt define: low-cholesterol	4251.0
KQ25_B	Does govt define: light	4234.0
KQ25_C	Does govt define: extra lean	3977.0
KQ26_A	Eat/use: lower-fat luncheon meats	15282.0
KQ26_B	Eat/use: skim or 1% milk	14945.0
KQ26_C	Eat/use: low-fat cheese	16885.0
KQ26_D	Eat/use: ice milk, frozen yogurt, ...	15358.0

Control statistics for DHKS record type 50,
DHKS 1994-96, all records, unweighted

Variable	Label	Sum
KQ26_E	Eat/use: low-cal salad dressing	14627.0
KQ26_F	Eat/use: fruit for dessert	12664.0
KQ26_G	Eat/use: fish or poultry instead of meat	11860.0
KQ27	Add fat to boiled/baked potatoes	10126.0
KQ28	Add fat to other cooked vegetables	13759.0
KQ29	Eat vegetables with creamy sauces.	17219.0
KQ30	Eat fried chicken	15028.0
KQ31	Eat chicken with skin removed	11105.0
KQ32	Amount of table fat on breads/muffins	14121.0
KQ33_A	Eat: bakery products like cakes, ...	11036.0
KQ33_B	Eat: chips	9963.0
KQ34	Eat meat at main meals	14820.0
KQ35	Portion size of meat	10170.0
KQ36	Trim the fat on meat	8416.0
KQ37	How many eggs a week	12376.0
KQ38	Wash fruits and vegetables	7123.0
KQ39	Eat the peel of fresh fruit	11232.0
KQ40	Eat the peel of fresh vegetables	12337.0
KQ41	Eat the outer leaves of vegetables	9257.0
KQ42	Most responsible for meals	8509.0
YEAR	Year of survey	11501216.0
WTA_DHK	Final 3-annual	553235027.0
WTA_DHK2	Final annual DHKS (2-day) weight	553235012.0