

**THE CONTINUING SURVEY OF FOOD INTAKES  
BY INDIVIDUALS AND THE DIET AND  
HEALTH KNOWLEDGE SURVEY**

**- 1991 -**

**SURVEY OPERATIONS REPORT**

Prepared for:

**HUMAN NUTRITION INFORMATION SERVICE  
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Prepared by:

Booz • Allen & Hamilton Inc.

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## **I. INTRODUCTION**

The United States Department of Agriculture (USDA) monitors food consumption patterns of the American public. Booz•Allen & Hamilton conducted the Continuing Survey of Food Intake by Individuals (CSFII) 1991 for the USDA. The procedures and protocol used to design the multi-year CSFII survey system and the effort involved in the conduct of CSFII 1991 are the subject of this report.

Four chapters follow this introduction. The first chapter describes the sample design, the selection of sample, and part of the weighting scheme in which Booz•Allen participated. The second chapter describes the process for preparing for the survey. Chapter IV describes the data collection process and provides descriptive statistics concerning the survey execution. Chapter V concludes the report with a description of the data reduction and file preparation process.

## II. SAMPLE DESIGN, SELECTION AND WEIGHTING

This chapter presents a discussion of the overall sample design, sample selection, and sample weighting methods associated with the Continuing Survey as well as an overview of the implementation plan for the Basic and Low-Income sample designs for CSFII 1991. First a review of the Master Sample, the framework for this and previous CSFII surveys, is presented. Then the specific elements of the CSFII 1991 sampling and weighting plans are described.

### A. The sample design for the CSFII is a three-stage national probability sample of households that utilized our Master Sample

The Master Sample is a stratified, clustered sample of 240 Census-defined areas, using population counts projected to 1985. It serves as the first stage for this multi-stage national probability samples of households. Half of the Master Sample—120 areas—were used for the CSFII survey. Within each of these 120 first-stage units, two additional stages of sampling—area segments and households—were conducted.

The first step in selecting the Master Sample was to partition the 48 conterminous states and Washington, D.C. into over 3,000 land areas referred to as primary sampling units (PSUs).<sup>1</sup>

There are three types of PSUs defined for the Master Sample. They correspond to three levels of urbanization, as follows:

- **Central Cities**—All OMB-designated central cities, as defined by their corporate city limits, located in 1980 MSAs. These are primarily the urban cores of the MSAs. Though some MSAs contain no central city, most MSAs contain one or more. In total there were over 400 central city PSUs defined among the 316 MSAs.
- **Suburban Counties**—All counties, or county equivalents, located in MSAs, excluding any central cities. In those states where MCDs are used to define MSAs, a suburban PSU was defined as the MSA part of a county (excluding any central cities). There were nearly 700 PSUs of this type defined for the Master Sample.

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<sup>1</sup> There are three Basic types of PSUs that have been defined for the Master Sample. The definition of each of these types involves metropolitan statistical areas (MSAs) that are defined by the Office of Management and Budget (OMB) based on information and recommendations provided by the Census Bureau. MSAs are large population centers which are defined as one or more adjacent counties or county equivalents (i.e., independent cities and parishes), except in some New England states where MSAs are defined in terms of sub-county units, Minor Civil Divisions (MCDs). Based on the 1980 Census, OMB defined 316 MSAs.



- **Non-metropolitan counties**—All counties, or county equivalents, that were located outside of 1980 MSAs. In defining PSUs, counties that had a projected 1985 population of less than 10,000 persons were combined with one or more nearby non-metro counties in the same state. (The 1985 projected populations were based on extrapolations of Census information for 1970, 1975, and 1980.) Also, in those states for which MSAs are defined in terms of MCDs, PSUs were defined in terms of the non-metropolitan parts of the counties. Roughly 2,000 PSUs of this type were defined for the Master Sample.

1. PSUs defined for the Master Sample were stratified in two steps

As the first step in the stratification of PSUs, the PSUs were placed into 27 super strata, defined by the nine Census divisions and three levels of urbanization (central cities, suburbia, and non-metro). The nine Census divisions are shown on the next page and are listed below:

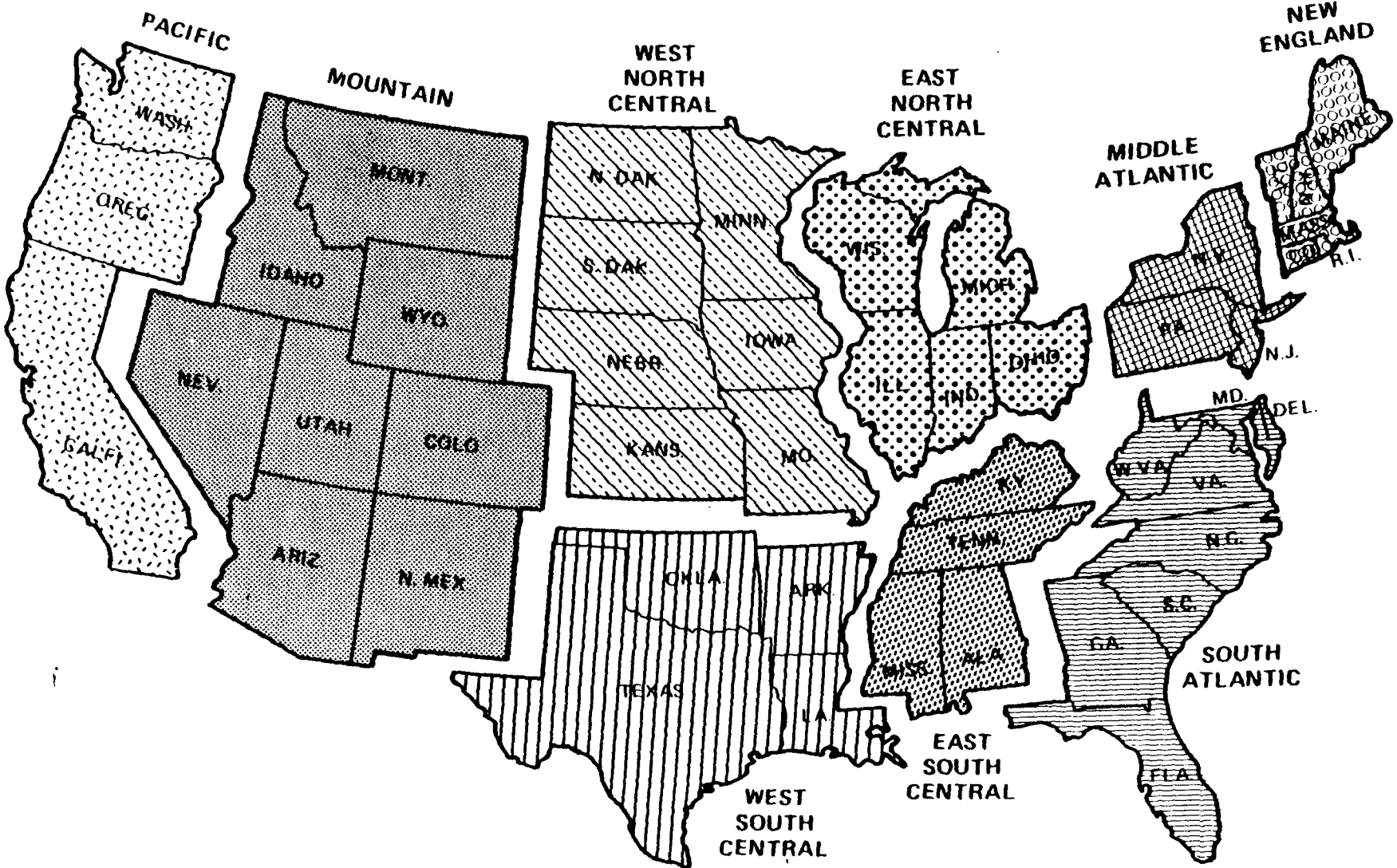
- New England
- Middle Atlantic
- East North Central
- West North Central
- South Atlantic
- East South Central
- West South Central
- Mountain
- Pacific

The second step in the stratification of PSUs was to define 60 final strata by subdividing the PSUs in each of the super strata into one or more strata. The number of strata defined in a super stratum was determined by the projected 1985 population for the super stratum. The goal was to create strata that were comprised of geographically proximal areas and that were approximately equal in terms of their 1985 projected populations—each stratum containing roughly 4,000,000 persons (i.e., 240,000,000/60).

In grouping PSUs within a super stratum to form the final strata, an attempt was made to put PSUs together that were homogeneous with respect to geography, industry, political structure, and social and demographic characteristics.

The choice of 60 final strata for the Master Sample was based on the desire to select a total of 240 PSUs in four independent replications of 60 PSUs each (i.e., one PSU from each stratum).

**TABLE II-1**  
**CENSUS DIVISION STRATA**



2. Two of the four replicates selected for the Master Sample were used for the CSFII

The Master Sample was selected in four independent replications. Each replication consisted of the selection of one PSU from each of the 60 strata, with probability proportional to the PSU's projected 1985 population. In order to provide 120 PSUs for CSFII, the first two replicates of the Master Sample were used for the CSFII.

Since the PSUs were selected independently for each replicate, several of the PSUs were selected for more than one replicate. For the first two replicates, seven of the PSUs were selected for both, leaving 113 unique PSU selections for CSFII.

The selection of PSUs in independent replicates allows for straightforward variance estimation. For the CSFII, since two independent PSU selections are made from each of the 60 strata, 60 degrees of freedom (one from each stratum PSU pair) are available for variance estimation.

Within each of the 120 PSUs selected for the CSFII, two additional stages of sampling were conducted—one for area segments and one for households within segments.

3. The second stage sampling units—area segments—for four years of the CSFII were identified and selected prior to the start of Year 1 data collection

In each PSU, specific areas which define groups of housing units were identified for contact in the CSFII study. These areas, known as area segments, are small land masses defined in terms of Census geographic units [i.e., blocks, block numbering areas (BNAs) and enumeration districts (EDs)] and contain known numbers of housing units, based on 1980 Census data.

Segments were defined to contain a minimum of 75 households in terms of the 1980 Census. In areas of the country where Census blocks were used to define the area segment—primarily heavily populated areas—two or more adjacent blocks often were combined in constructing segments.

On the other hand, in areas for which EDs were the smallest Census unit defined—primarily sparsely populated areas—EDs rarely had to be combined. More typically, EDs contained too many housing units for a segment and covered large land areas. To reduce the field burden in such areas, EDs were often subdivided in the office into "chunks" that contained an average of about 100 households. One of these chunks

was selected at random for the survey from each ED of this type. For example, suppose that an ED selected for the survey as a segment contained 516 households as enumerated in the 1980 Census. Using Census ED maps, an attempt would be made to define five ED chunks that would average 103 households. One of these chunks would be randomly selected for the survey.

In defining the boundaries of ED chunks, roads, railroad tracks, streams, and other identifiable landmarks were used. The goal was to define chunks that could easily be located in the field and that contained about the same number of households. It was difficult to equalize the number of households in a chunk since the Census ED maps did not indicate the location of households. Consequently, the number of households in some selected chunks varied considerably from the ED average. (In a few cases selected chunks contained no housing units.) Though the variation in chunk sizes adds to the variance of survey estimates, no bias is introduced by it.

The total number of area segments to be selected for the four-year draw was dictated by the desire to maintain continuity with past CSFII and other food surveys performed for USDA. Historically, an average of not more than six interviews per segment was achieved in order to have a healthy dispersion of surveyed households throughout the designated areas. With this goal in mind, a total of 1040 Basic segments (260 per year) and 2000 Low-Income sample segments (500 per year) were selected.

To draw the CSFII sample efficiently and to avoid selection of the same areas into more than one year's sample, all area segments for use in the multi-year CSFII monitoring effort were selected prior to the onset of Year 1 interviewing. The total number of segments to be selected was allocated to each PSU in proportion to the PSU's 1985 projected stratum population. The allocated number of segments was selected with probabilities proportional to size (PPS), where segment size was defined as the 1980 Census count of housing units. Selections were made using a systematic selection with a random start (systematic PPS) among PSU block and ED listings.

Two separate draws were programmed, one for area segments to be used in the Basic sample and another for area segments for consideration in the Low-Income sample. Although the possibility of overlap in area segments between the Basic and Low-Income samples existed, no areas were identified as falling into both samples by chance in Year 2.

- a. Virtually all selected area segments were included in the Basic CSFII sample, with half being fielded each wave

All 260 area segments selected for CSFII 1991 were sketched and these sketch maps of the areas, along with the corresponding portions of Census maps, were sent to the field so that a complete enumeration of the housing units contained therein could be made.<sup>2</sup> Only one of the segments was not listed. This segment was found to be in a commercial area at the time of listing.

There were two exceptions to the rule of listing all households in a segment. First, for segments that were thought to contain more than 200 housing units, based on the 1980 Census—typically large blocks—listers were instructed to list only the first 100 households in the segment and to provide an estimate of the number of remaining housing units. In such cases, listers were given a specific location in the segment—generally a block corner—to begin listing and a direction to follow so that they could not have any choice of which 100 households to list. The location of these starting points was varied from segment to segment.

The other exception was those segments for which the lister found more than 200 housing units in the segment even though there were fewer than 200 enumerated by Census in 1980. In these instances, the lister was instructed to list the first 200 households and provide an estimate of the number of remaining housing units in the segment.

Once all the listing of housing units in all segments had been completed and reviewed by our sampling statisticians, a subsample of units was identified for contact for each wave of CSFII 1991 fieldwork. Because the targeted number of completed interviews would be extremely low on a quarterly basis if all of the segments were activated each wave (6 interviews per segment = 1.5 completed interviews, on average, per wave x 4 waves), we fielded half of the areas in each three-month period. Hence, all of the Basic area segments were randomly assigned, on a systematic basis, to one of two subsets. One subset of segments was assigned to Waves 1 and 3 and the other to Waves 2 and 4.

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<sup>2</sup> See Computer Processing and Quality Control Documentation 1991, Appendix A for a Copy of the Listing Manual.

The actual distribution of Basic area segments by wave, after adjustment for the unlistable areas and "zero" segments, is:

Waves 1 and 3	133
Waves 2 and 4	130

- b. To increase field efficiency, area segments drawn into the Low-Income sample were subsampled based on degree of near-poverty in the area

To qualify for interview in the Low-Income survey, households were required to meet an income-and-size criterion. The determination of interview eligibility could only be established at the time of contact. Therefore, sample housing units had to be screened in person and could not be pre-identified for interview. To increase the chances of contacting eligible households in the field, Low-Income area segments were differentially sampled. Segments in areas with higher rates of near poverty were oversampled while those with lower rates were undersampled.

First, 500 Low-Income sample area segments were randomly assigned to each of the four sample years. Then, all of the 2000 Low-Income area segments were classified into one of three income strata based on 1980 Census information for the tract or ED in which they were located. Segments in tracts or EDs with less than 10% of the households at or below the 125% poverty threshold were subsampled at a rate of one in four. Segments with between 10% and 24.9% of the households at or below this threshold were subsampled at a rate of one in 2.5. All segments located in tracts or EDs with 25% or more of the households at or below the threshold were retained for the sample (i.e., subsampled with probability equal 1.0).

The result of this differential sampling of the 1991 area segments yielded 231 segments which were distributed across the three income strata as shown in Table II-1. As with the Basic sample, half of these segments were fielded in Waves 1 and 3 while the other half were put into the field in Waves 2 and 4. In these segments, the differential eligibility hoped for, was achieved (see Table II-2). That is, one in every 2.3 households screened in the high-poverty segments were eligible for the Low-Income survey, while only one in every 25.3 households screened were eligible in the low-poverty segments.

**TABLE II-1**

**DISTRIBUTION OF LOW-INCOME  
AREA SEGMENTS IN CSFII YEAR 3**

	<b><u>CSFII 1991 Segments</u></b>
<b><u>Low Poverty</u></b> —Less than 10% of the households in the Census tract or Municipal Civic Division are at or below the 125% poverty threshold	36
<b><u>Medium Poverty</u></b> —Between 10% and 24% of the households are at or below the 125% poverty threshold	97
<b><u>High Poverty</u></b> —Twenty-five percent or more of the households are at or below the 125% poverty threshold	98
	(n) = (231)

**TABLE II-2**  
**ELIGIBILITY RATES IN LOW-INCOME SAMPLE**  
**BY TYPE OF AREA SEGMENT**

	<u>Type of Segment</u>		
	<u>Low Poverty</u> %	<u>Medium Poverty</u> %	<u>High Poverty</u> %
Screened, eligible households (interviewed, plus refusals to interview)	3.2	14.9	29.9
Screened, ineligible households	77.6	64.3	38.9
Other (e.g., vacant, refused screening)	19.2	20.8	31.2
(N) =	(772)	(2,038)	(1,900)



4. Four times a year, sample housing units were selected for contact in the field to yield a targeted total of 2250 completed CSFII interviews

The targeted number of CSFII interviews to be completed in the Basic survey each year was 1500, with approximately 375 interviews to be taken in each of four waves. The total number of completed Low-Income survey interviews was targeted at 750 per year, of which approximately 188 were to be completed each wave. To complete these 2250 interviews, a larger number of sample housing units had to be identified for contact to account for occupancy, eligibility and response rates.

For the first wave of CSFII 1991, information from the CSFII 1990 survey was used to determine the number of sample housing units to be selected. In subsequent waves, the empirical results from 1990 and 1991 efforts guided the determination of the number of sample HUs drawn. That is, the sampling rate for each succeeding wave was adjusted up or down, depending upon the field experience in preceding waves.

Once the total sample size was chosen for a wave for the Basic survey, the sample was allocated to the segments in such a way that, within round-off error, all households in the segments assigned to that wave had the same total probability of selection. For the Low-Income survey, the sample for each wave was allocated to segments in such a way that the designed differential segments sampling rates were preserved.

For each segment, the sample housing units assigned to a given wave were selected systematically with a random start (an every "nth" unit sampling procedure). If additional HUs (not previously listed) were identified in the field at the time of the interviewer's visit, the HUs were brought into the sample using the half-open interval method. That is, any unlisted HUs occurring after a sample housing unit but before the next listed unit were added to the sample and identified for screening and, potentially, interview.

5. Intake information was sought from household members

In every qualifying household in the CSFII survey, individual household members were targeted to complete three days of intake recording. All permanent residents (i.e., those who regularly lived at the address) except roomers, boarders and live-in employees were eligible to complete records. Because of the difficulty in capturing information from traveling family members who were not available for the recording period, HNIS also chose to exempt these persons from the intake task.

6. All households participating in the CSFII portion of the survey were also eligible to take part in the DHKS survey as long as they continued to reside in their communities

In addition to completing a CSFII 1991 interview, a household was invited to complete a DHKS interview. In principle, all households were eligible for this part of the survey if they qualified for the Basic or Low-Income CSFII interview. In practice, only households completing a CSFII interview and still in residence in their communities at the point of the follow up DHKS contact were part of the DHKS sample frame.

- B. CSFII and DHKS weights were based on probabilities of selection and response rates

For CSFII 1991 USDA chose to perform the final weighting adjustment using census bureau estimates. Thus, only the household weights provided based on probability of selection and response rates were generated by Booz, Allen. The weight factor incorporating the probability of selection into the sample is the fundamental component of the weight. It provides the statistical basis for making unbiased estimates. That is, it is a fundamental result in sampling theory that if there were perfect population coverage and no nonresponse, this weight component would allow for unbiased estimates of all population totals. This component is often referred to as the (basic) sampling weight.

Weight factors accounting for survey nonresponse adjusts for biases of an unknown magnitude in the survey estimates. Although these biases cannot be eliminated, a sensible nonresponse weight adjustment procedure can reduce them.

USDA will be providing weight adjustments to "known" population totals. If known population totals, or good independent estimates of population totals are available, and if these are correlated to the survey variables, it is worthwhile to adjust weights to align with them. These types of adjustments can simultaneously reduce sampling errors, coverage bias, and nonresponse bias.

All weights computed for this year of CSFII were developed in the context of the first two components listed above. Even though the sample was controlled in three-month quarterly draws, weights were derived for respondents from all four waves simultaneously. This approach allows for the maximum flexibility in developing weight adjustment cells to account for nonresponse.

1. Household weights for the Basic survey were easy for Booz, Allen & Hamilton to prepare.

The weight, WT(HH), for each cooperating household in the 1991 Basic survey (i.e., each household that provided a satisfactory household questionnaire and a satisfactory 24-hour intake record for at least one of its members) was computed as follows:

$$WT(HH) = W(PR) \times W(NR) \quad (1)$$

where

W (PR) = the inverse of the household selection probability (i.e., the sampling weight)

W (NR) = the inverse of the household response rate for a segment or group of segments

The sampling weight, W(PR), in equation (1) is dictated by the sample selection procedures for the CSFII 1991 survey since they determine the probabilities of selection. This factor incorporates the HH selection probabilities at all three stages: (1) PSU selection, which was proportional to the projected 1985 HH counts, (2) segment selection which was proportional to the 1980 Census HH counts for the blocks, EDs, or ED chunks in the segment, and (3) the systematic selection of HHs from the listings within selected segments. The CSFII 1991 sample was designed so that, within round-off error, each household in the population would have an equal probability of selection (i.e., a self-weighting sample).

The nonresponse (NR) weight factor, W(NR), adjusts the weights of the CSFII 1991 respondents to account for the nonrespondents, by cell, which is generally a segment. The weight factor was calculated by dividing the number of eligible (i.e., occupied) HHs in the cell by the number of respondent HHs in the cell. Cells were defined in a manner which attempted to put together respondent and nonrespondent HHs that have similar survey characteristics since the nonresponse weight factor essentially substitutes the average of the survey characteristics of the respondents in the cell for the missing survey characteristics of the nonrespondents in a cell.

The best available way to define nonresponse weight cells is in terms of the CSFII 1991 segments since HHs in the same segment are usually close together geographically, and may have similar survey characteristics. However, in some cases in which there were only one or two respondents in a segment, the nonresponse weight factor exceeded 2.5. In order to avoid the impact on survey variances of high

weight adjustments, we generally limited this factor to 2.5 by combining two or more nearby segments to form a nonresponse cell. In a few instances this factor was allowed to exceed 2.5 in order to keep the nonresponse cell within one PSU. In these cases, the factor did not exceed 2.54.

2. Household weights for the Low-Income survey were computed in a way that was very similar to that of the Basic survey

The weighting expression given in equation (1) to compute HH weights for the Basic survey was also used to compute HH weights for the CSFII 1991 Low-Income survey. However,  $W(PR)$  and  $W(NR)$  had to be modified slightly for the Low-Income sample.

First, the sampling weight,  $W(PR)$ , had to take into account the differential selection probabilities applied to segments in terms of poverty-level designation. Sample segments in low-poverty level Census tracts were subsampled at the rate of 25%; therefore, respondent HHs in these segments had their sampling weights increased by a factor of 4. Sample segments in medium-poverty level tracts were subsampled at the rate of 40%; therefore, respondent HHs in these segments had their sampling weights increased by a factor of 2.5. Sampled segments in high-poverty level tracts were not subjected to subsampling; therefore, no additional weight factor was applied to respondent HHs in these segments. Because of the differential sampling by poverty level, the HH sample for the Low-Income survey was, by design, not "self-weighting."

Nonresponse adjustments are generally computed among eligible sample members. For the CSFII 1991 Low-Income survey, eligibility (i.e., household income at or below 130% of the poverty income criterion) could only be determined by screening. Therefore, the nonresponse adjustment weight factor,  $W(NR)$ , required the inclusion of an additional NR factor that reflected the NR to screening. (For the Basic survey, we assumed that eligibility—i.e., occupancy—could be determined even for HHs that were not screened.) This additional nonresponse weight factor was simply the number of households eligible for screening (i.e., occupied) in a segment divided by the number of households screened in the segment. Implicit in this adjustment is the assumption that the eligibility rate among the 1990 screened households in a segment equals that among those households not screened in the segment.

The nonresponse adjustment factor,  $W(NR)$ , for the 1991 Low-Income sample was the product of the screening nonresponse factor, described above, and the interview nonresponse factor. The second factor was similar to the NR adjustment factor used for the Basic survey: the ratio

of the number of screened eligible sample HHs to participating sample HHs within nonresponse cells defined by segments or groups of segments. As was done for the Basic survey, segments were combined, as necessary, to keep the adjustment factor below 2.5.

In combining segments, we attempted to combine segments within the same PSU. When combining segments from different PSUs, the PSUs were always within the same Census division, except in one instance. In addition, we tried to combine segments within the same poverty level, whenever possible. In those few cases where segments had to be combined across poverty levels, the interview nonresponse adjustment factor was computed using weighted counts of eligible and interviewed cases in order to account for the differing segment selection probabilities across poverty levels. That is, segment counts were weighted by 4, 2.5, or 1, depending on whether the segment was classified as a low, medium, or high poverty-level segment.

3. Weights for the DHKS were based on a household universe

For the DHKS, an attempt was made, after completion of the regular CSFII survey, to conduct an interview with the meal planner/preparer in each household. Since, by definition, there is one meal planner/preparer per household, the meal planners/preparers inherit the HH weight as their weight.

In preparing the weights for the 1990 DHKS data, the project team considered adjusting the initial weights to a projected meal planner/preparer universe based on screening responses. However, the team felt that the definition of a household's meal planner/preparer was not sharp enough, and someone other than the designated meal planner/preparer completed the DHKS interview for some households. Therefore, it was agreed to adjust the initial weights to a household universe, rather than to a projected person universe. This approach was continued in the nonresponse weight adjustments for the 1991 DHKS data.

### III. SURVEY PREPARATION

Preparation for the data collection and processing efforts for the Continuing Survey of Food Intakes by Individuals (CSFII) 1991 began in December, 1990. All survey instruments and supporting materials were reviewed and changes introduced where appropriate to meet the current survey goals and objectives. Most documents were subjected to minor modifications (date and income revision) with the exception of the DHKS questionnaire which was extensively updated to incorporate contemporary areas of research interests. Field interviewers and internal support personnel were briefed on the new survey materials and refresher training was given to reinforce awareness of existing conventions and requirements. These activities are described in detail in this chapter.

#### A. All survey documents were reviewed and updated for the CSFII 1991 survey

The survey team at National Analysts and HNIS began reviewing the existing CSFII documents to determine the changes required for the survey effort beginning in April, 1991. On December 26, 1990 a "marked up" set of questionnaires was sent to HNIS reflecting the changes recommended by National Analysts. These included date/time period changes in question items (e.g., "1990" changed to "1991"). With the exception of the DHKS questionnaire, most of the survey forms were unchanged. Appendix A includes a copy of the CSFII questionnaire and the DHKS questionnaire.

Because the proposed changes were minor, extensive instrument testing was deemed unnecessary. Therefore all but the DHKS questionnaire were printed once final HNIS approval was given in February, 1991.

#### 1. The DHKS questionnaire was revised to reflect current informational needs

Unlike the other survey documents which were not expected to undergo extensive changes from year to year, the DHKS questionnaire was designed to tap different areas of consumers' awareness and understanding of contemporary food and nutrition issues each year. Hence, it was developed to flexibly exchange selected items around a core of stable question topics every year. To plan the data elements for the DHKS 1991 survey, the preliminary results from several waves of DHKS 1990 were studied by USDA analysts. In addition, current and prospective government data users were asked about their information needs. These inputs, then, formed the basis for the draft of the new DHKS questionnaire.

2. The revised DHKS underwent three rounds of pretesting to refine and finalize the instrument

USDA provided its suggestions for a revised DHKS on January 25, 1991. These changes were incorporated into a draft questionnaire by National Analysts and returned on February 1st for review prior to the pretest.

The first pretest was conducted on February 12th with an observer from USDA present. Experienced telephone interviewers, who had previously worked on the DHKS assignment, were briefed in the changes in the new document before completing interviews with random selection of households. In general, the results were very successful. The revised questions were readily understood and answered without apparent problem. In total, eight interviews were taken, averaging 27 minutes in length. One of the new food handling questions dealing with the time cooked food remains at room temperature did cause confusion. Reworking of this issue was needed, calling for a second pretest.

The second pretest occurred during the week of February 28. Nine pretest interviews were taken focusing specifically on the food at room temperature questions. The test showed that respondents still had some problems answering these questions. A minor wording change was recommended and a third pretest planned.

The third pretest consisted of six additional interviews completed during the week of March 4th. These proved to be successful. Respondents appeared to understand the items, they gave a range of responses and did not ask for clarification of the question. With this, testing of the DHKS was concluded.

This questionnaire was then carefully reviewed to eliminate minor errors, prepared for printing and CATI programming as of March 12th.

The 1991 DHKS questionnaire is included in Appendix A. Only one version of the 1991 questionnaire was fielded.

B. Similar to the CSFII 1990, a total of eight final survey documents and related materials were used in the National Survey

Following the revisions and updating of the questionnaires the following forms were employed in the CSFII 1991:

- **Household Questionnaire**—This brief questionnaire establishes information about the household and its members. The questions are directed to the main meal planner/preparer who is typically the female head of household and they address several areas of concern, specifically: typical shopping patterns and food expenditures;

household size and composition; educational attainment and employment status of all members over the age of 14; pregnancy and lactation status of age-appropriate female household members; incidence of being breast-fed among children; participation in food benefits programs including WIC, school lunch/breakfast, food stamp and food distribution programs; amount and sources of income and assets; household food sufficiency; and sources of household drinking water.

- **Individual Intake Record**—This, the core of the CSFII interview, is divided into two parts, both of which cover the details of all foods and beverages consumed during specified time periods. In the first part, the interviewer administers a DAY 1 intake record for the 24-hour calendar day immediately prior to the CSFII interview, using the standard food measurement aids (i.e., measuring cups, spoons, ruler and instruction book). This information is collected with the meal planner/preparer for her/himself and for all children under the age of 12 years. In addition, other permanent members of the household (other than roomers, boarders and employees) present at the time may be asked to complete the DAY 1 record as well. If they are not present, the meal planner/preparer is asked to report for them or a record is to be left for completion at a later time. In the second part of the effort, all eligible household respondents complete intake information for the day of the interview and the following days (DAY 2 and 3), first under the direction of the interviewer and then on their own. The type of information in the intake records is:

#### **DAY 1**

- Detailed description of the type and quantities of food ingested at and away from home
- Sources of foods/beverages consumed
- Use of fats and salt in food preparation (meal planner/preparer only)
- Quantity of water consumed in 24-hour period
- Typicality of this day's intake
- Healthfulness of diet
- Typical salt usage



- Food supplements, including vitamins, minerals, fiber and fish oils
- Height and weight
- Incidence of physical disorders and diseases
- Condition of teeth and use of dentures
- Activity levels (for those over 17 years of age)
- Television viewing habits
- Smoking patterns (for those over 17 years of age)
- Consumption of beer, wine and alcohol in past three-month period (only for those over seventeen).

#### **DAYS 2/3**

- Same first four data elements as in DAY 1
  - Food frequency for 13 foods.
- **Food Instruction Booklet**—This multi-page booklet is a newly-revised version of the food reporting aid used by both interviewers and respondents in conjunction with the intake records. This guidebook is organized by 12 food groupings and identifies for each the nature and level of detail of the information sought for every food line item recorded in the intake record. Specific probe questions are given for the description of foods and the units of measurement to be reported.
  - **Screening/Call Report Form/Nonresponse Questionnaire**—This document is a short questionnaire used to guide the interviewer to the correct respondent in the household (e.g., the meal planner/preparer) and to identify survey-qualifying households in the Low-Income sample. In addition, minimal household composition information is gathered for sample dwellings in which contact is made and additional descriptive information is recorded for households not cooperating with the survey effort.

In the Low-Income portion of the survey, all households were screened for eligibility based on household size and income. The monthly income cutoff levels shown below are 130% of the poverty income

guidelines published in the Federal Register and provided by HNIS:

<u>Number of People</u>	<u>Monthly Income Cutoff Levels</u>
1	\$717
2	\$962
3	\$1,207
4	\$1,452
5	\$1,696
6	\$1,941
7	\$2,186
8	\$2,431
9	\$2,676
10	\$2,921
11	\$3,166
12	\$3,410
13	\$3,655
14	\$3,900
15	\$4,145
16	\$4,390
17	\$4,634
18	\$4,879
19	\$5,124
20	\$5,369

These cutoffs were applied throughout the entire twelve months of data collection for CSFII 1991. Household size was reported in terms of number of persons who regularly reside in the household and income was for the calendar month prior to interview.

This document also serves as a permanent record of calls to the household. The Call Report Form portion of the document identifies all attempts to reach the household to conduct an interview. Both successful and unsuccessful contacts are captured. In addition, the form reports the number of intake records sought, the number retrieved and the reason for not securing a record, if known.

- **Respondent Letter**—This introductory letter was either mailed or hand-delivered by the interviewer to the sample households at the time of initial contact. It was designed to invite participation in the survey and to explain the purpose and conditions under which the survey was being taken. The letter, signed by the HNIS Director of this project, explains that the survey participation is voluntary and that participants will be modestly compensated for their cooperation.

- **Facts Sheet**—This new two-page information sheet explains the importance of participation in the CSFII survey and describes the auspices of the research and some of the uses of the information from the survey. It also gives the household a point of contact at HNIS for receiving further information.
- **The Diet and Health Knowledge Survey (DHKS)**—This questionnaire, designed to capture current issues in food knowledge and attitudes, is a 14-page document. In CSFII 1991 the topics covered are:
  - Opinion about the appropriate number of servings of selected food items
  - Opinion of healthfulness of personal diet
  - Food avoidance
  - Attitudes toward dietary guidance
  - Knowledge of diet and health problems
  - General nutrition knowledge
  - Food preparation practices
  - Food shopping attitudes
  - Food labeling usage
  - Food safety awareness and knowledge.
- **Nonresponse Follow-up Survey Questionnaire**—This brief (9-page) questionnaire gathers demographic and food benefits program participation information from noninterviewed households or their proxies. To be used twice a year with a subsample of nonparticipating households, the data gathered are designed to provide information about reasons for nonresponse and about characteristics of nonrespondents.

C. Interviewer training materials were selectively revised for the 1991 survey

All training materials used for the CSFII 1990 effort were reviewed and revised, where appropriate, for the 1991 effort. For interviewers in the field,

several sets of manuals or updates to existing manuals were prepared. They include:

- **Preconference Manual**—This 22-page training manual was unchanged from the CSFII 1989 version. It was sent to all newly-trained interviewers for review prior to attending an in-person training conference. It presents an overview of the survey effort; general interviewing guidelines; a review of questionnaire completion and recording conventions; and an introduction to food reporting and measurement activities.<sup>3</sup>
- **CSFII Interviewer Instruction Manual**—This lengthy document was given to interviewers at their training sessions and is designed to answer all questions regarding fieldwork. In addition to giving an overview of interviewers' activities, this manual addresses the topics of identifying sample households; conducting screenings, household interviews, and intake interviews; handling the leave-behind intake questionnaires; field editing procedures and other related field topics. Particular emphasis is placed in the manual on the completion of the 24-hour intake recording.

The manual used for CSFII 1989 was retained for this year's effort. Updates and changes to the existing instructions were noted in two memos to field interviewers. These memos are found in Appendix B.<sup>4</sup>

- **DHKS Interviewer Instruction Manual**—This 9-page booklet covers the completion of the DHKS questionnaire by both in-person and telephone interviewers. It provides direction on when to take the interview; selection of the appropriate respondent; and completion of the questionnaire.
- **Nonresponse Manual**—This 12-page manual identifies the field activities involved in recontacting nonresponsive households and in completing the brief follow-up interview with either a member of the targeted household or a neighborhood proxy respondent. Other than the income levels applied to determine eligibility of a household for Low-Income status, this manual is unchanged from the prior year's manual.<sup>5</sup>

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<sup>3</sup> See Survey Operations Report, 1989, Appendix D for a copy of the manual.

<sup>4</sup> See Survey Operations Report, 1989, Appendix E for a copy of the manual.

<sup>5</sup> See Survey Operations Report, 1989, Appendix G for a copy of the manual.

- D. Most of the in-person interviewers selected for CSFII 1990 continued with the 1991 effort. Those new to the project were prepared for their work in a three-day group training conference, while all telephone interviewers were given a refresher briefing

### **CSFII Interviewer Training**

1. A single formal interviewer training conference was held prior to the onset of CSFII 1991 to prepare new in-person data collectors for their assignments

Since many of the in-person interviewers trained at the beginning of CSFII 1989 were available and their work was deemed acceptable, they were invited to continue with CSFII 1990 and then CSFII 1991. Therefore, only a limited number of new field personnel were recruited and trained prior to the onset of this year's work.

As preparation for attending a CSFII 1991 three-day training conference, all potential interviewers received the Preconference Manual for home study. In addition, a copy of the newly-revised DHKS questionnaire was sent with instructions that it should be administered to an acquaintance and that the completed document be brought to the training sessions.

One such conference was held in Philadelphia, Pennsylvania on March 20th-22nd. The session was conducted by two experienced survey personnel. Four USDA personnel were present for this training along with one Bureau of Census observer. In total 11 interviewers were trained in the session, half of whom were experienced survey research interviewers and the rest new to fieldwork. All but 1 was given work and completed some CSFII interviews.

In addition to this formal conference, three training sessions with small groups of interviewers (two to four at a time) were conducted in Los Angeles between May 14th and 16th, Albuquerque, New Mexico between May 18th and May 19th, and Philadelphia between September 11th and 13th. These briefings were held to replace field personnel as they left the study during the year. Thirteen additional interviewers were prepared for the CSFII 1991 in these sessions. All but the Albuquerque training session were attended by USDA personnel.

One hundred and twenty-five interviewers were engaged in CSFII 1991 fieldwork, including 92 whose major training had been in CSFII 1989 and CSFII 1990. Several additional field personnel worked on the 1991 assignment in ancillary roles as escorts, listers, nonresponse follow-up interviewers, and in other support functions. Four bilingual,

bicultural interviewers worked on assignments in areas with concentrations of Hispanic households.

2. The three-day training session provided comprehensive coverage of the CSFII procedures and materials for in-person interviewing

The conference format was updated. The presentations combined role-playing, classroom lectures, written exercises and one-on-one coaching sessions. The first day's session began with a general introduction to food consumption research, the role of USDA in monitoring the nation's nutritional status, and the history of the CSFII. Next, an overview of the 1991 data collection activities and the role of the interviewer were explored. Following this discussion, the Screening Form questionnaire was introduced and, in a round-robin format, interviewers practiced reading and completing four different iterations of this document. Presentation of the Household Questionnaire followed with discussion and practice in its completion. (A copy of the agenda is found in Appendix C.)

The afternoon of the first day was turned over to study and drill on the intake portion of the survey. First, the necessary materials (e.g., DAY 1 Individual Intake Record, Food Instruction Booklet, measuring utensils) were introduced. Then an overview of the format and questions in the intake records was discussed. The trainers next spent time discussing food terminology, use of the Food Instruction Booklet, food measurement techniques, and when to use which measurement convention (e.g., weight, volume, sizes and physical dimensions). In addition, practice was given in special recording activities, such as sandwiches, salads and mixtures. The session closed with the completion of a mock DAY 1 Individual Intake Record and the assignment of homework for the completion of a second intake with an acquaintance.

The second day of training began with a detailed review of intake recording and a presentation of DAY 2 and 3 records, including their pick-up and field review for completeness. An additional mock intake interview was completed using the DAY 2 and 3 instrument.

As a change of pace for the afternoon session, several respondents were brought into the conference setting and interviewers broke into small groups to conduct screening, household and intake interviews with each "live" respondent. The second day's session ended with the introduction of the DHKS. All interviewers participated in the reading of questions and recording of answers to a mock DHKS interview. The evening's homework was the completion of another DHKS and DAY 2 intake record with someone from the training conference.

One-on-one review and coaching of interviewers took up much of the morning of the third day. During this period, the trainers and assisting personnel gave individual attention to each interviewer, first in review of their intake homework and then in personally-tailored drills on areas in which interviewers were weakest. Concurrent with these coaching sessions, interviewers completed self-paced knowledge tests covering all intake recording methods. As their final supervised practice, interviewers listened to an audiotaped interview—from the approach to the household and screening interview to the completion of the DAY 2 and 3 diaries—and filled out the appropriate survey documents. Trainers observed all recordings, paying close attention to any person whose work may have been questionable. Interviewers were asked at the end of the tape to identify problems and mistakes that the practice interviewer had made during the tape.

The final session was devoted to discussion of sampling materials and the selection and identification of sample housing units. Issues of initial door approaches, handling nonresponse, callbacks and refusal conversion techniques were explored. The conference ended with a final review of procedures, materials, timetables and general field issues.

3. Most in-person interviewers who began CSFII 1991 worked the entire survey period

The interviewers who worked on this year's assignment averaged 18.5 completed CSFII interviews and 44.3 attempted/nonresponse screenings. The average number of completed screenings and interviews is in keeping with the size of the field assignments for this year of CSFII work. Changes in field management beginning with Wave 3 resulted in only 85 interviewers being used for Wave 3 and 81 for Wave 4. Thus, the percent working all four waves dropped this year.<sup>6</sup>

### **DHKS Interviewer Training**

4. Centralized telephone interviewers were trained in a four-hour briefing session

To prepare centralized telephone interviewers for their DHKS assignment, a four-hour briefing session was held on site at the WATS facility. Interviewers were presented with the DHKS Manual to study and to use as the guide for their survey activities. During the session, Booz, Allen trainers reviewed the goals of this phase of the research

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<sup>6</sup> As shown later, response rates rose with this new management approach.

and used hard-copy versions of the questionnaires to study the survey instrument on a question-by-question basis. Practice mock interviews were completed by recording answers on hard-copy questionnaires. In addition, responses to different types of interviewing situations were discussed (e.g., identifying the eligible respondent, avoiding interview break-offs) prior to interviewers going on the telephone lines to conduct "live" interviews.

**TABLE III-1**

**LENGTH OF INTERVIEWER SERVICE IN CSFII 1991**

	<u>%</u>
One Wave	14
Two Waves	19
Three Waves	21
Four Waves	46

(N) = (125)

Following the classroom study session, interviewers contacted sample households and attempted actual interviews using the CATI questionnaire. Each was silently monitored during the interview and feedback given on their performance by the trainers. An additional drill was instituted as needed.

In total, six WATS interviewers, including two fluent in Spanish, were fully trained for the DHKS assignment, all of whom worked on the Year 2 DHKS interviewing effort.



E. Review and interactive coding personnel were briefed on the revisions in the CSFII documents and requirements

All review personnel were prepared afresh for their CSFII assignment. Two seasoned coding supervisors (each with ten years experience) conducted two-day briefing sessions in early May and again later in the year to train a total of 13 field review staff members. The central focus of the session was communicating an understanding of what was required to code the documents, particularly the intake records. As it is the reviewers' function to "repair" any questionnaires that are incomplete, inconsistent or unscorable prior to the coding effort, it was necessary that they know the requirements for coding acceptability. Therefore, reviewers were given a detailed briefing on the interactive coding process, an overview of the reference materials used to support these coding activities and an introduction to post-coding cleaning efforts.

The detailed reviewer training activities covered the specific topics of:

- Document check-in and determination of completeness
- Listing and addressing questionnaire problems in the Review Summary Sheet for the Screening Form and Household Questionnaire
- Completing the Review Summary Sheet for the Intake Record
- Callback and recontact procedures for retrieving information from interviewers or respondents
- Validation activities
- Editing and coding of the screening forms and household questionnaires

The Review Procedures Manual prepared for CSFII 1989 was also used in CSFII 1991 as a reference for reviewers.<sup>7</sup> Refresher training was conducted periodically throughout the year by coding personnel to keep the review efforts sharp.

There were nine primary intake coders (and three supervisors) working for Booz, Allen in CSFII 1991, all of whom were experienced in coding tasks. In December 1991 all three supervisors were dismissed and their functions were performed by experienced coders for the duration of the work.

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<sup>7</sup> See Survey Operations Report, 1989, Appendix H for a copy of the manual.

#### IV. DATA COLLECTION

The subject of this chapter is the activities and outcomes associated with field data collection efforts for CSFII 1991. An overview of the tasks associated with all phases of data gathering is followed by a discussion of key outcomes of the field effort.

##### A. There were six major steps in the fieldwork activity for CSFII 1991

After establishing the sample of housing units to be contacted, six major tasks remained to complete the CSFII fieldwork. These tasks were:

- Screen households to determine eligibility
- Conduct interviews, capturing DAY 1 intake records
- Instruct household members in completion of DAY 2 and 3 intake records
- Collect DAY 2 and 3 leave-behind intake records
- Complete DHKS interviews with appropriate members of previously interviewed CSFII households
- Conduct nonresponse follow-up interviews with a subsample of surveyed household respondents or proxy informants.

Each of these activities is described below.

##### 1. In-person screenings were conducted to determine household eligibility and to identify the appropriate household informant

Interviewers visited every sample address in person to visually inspect that location and to determine whether it represented a residential housing unit. All locations that met this criterion were approached and invited either to participate, if the unit was part of the Basic sample, or to complete a screening eligibility determination, if it was part of the Low-Income sample.

Interviewers were instructed to attempt screening interviews, if possible, with the household member who was responsible for planning and preparing the family meals. If the meal planner/preparer was not available, any knowledgeable adult member of the household who was 18 years old or older could serve as the screening respondent.

In the Basic sample where all households qualified for interview, the screening contact was used to solicit survey cooperation. Once the potential respondent was identified, he or she was given information about the requirements of the survey, both orally and in writing, and asked to begin the interview immediately. The invitation letter from the HNIS Project Director and the Facts Sheet information were used as supporting documentation of the survey's authenticity and to motivate cooperation. Interviewers were also permitted to discuss the measuring utensils and the \$2.00 payment for completed DAY 2/3 records at this time if they thought it would encourage cooperation.

Screening interviews with households in the Low-Income sample were taken to establish survey eligibility. Several questions regarding household size and monthly income from various sources were asked in the screening to determine if the household was at or below 130% of the poverty income guidelines. Those households meeting the income and size criterion were invited to participate in the survey.<sup>8</sup>

In situations where there were multiple meal planners/preparers in a household because the members kept separate food supplies—such as students sharing apartments—separate interviews were taken with each individual eating unit. Subsequently, data from the separate eating units were combined into a single interview to represent a Census-defined household.

If a CSFII interview could not be scheduled conveniently to follow immediately after the screening interview, then an appointment was made for a later time. Interviewers were required to attempt to secure the screening information up to six times in-person (or three in-person and eight by telephone, if a telephone number was known).

2. All CSFII interviews were completed in person across the country throughout the entire twelve-month period of the CSFII 1991 survey

Consistent with prior USDA-sponsored food consumption surveys, an interview was taken with the primary meal planner/preparer for the sample household. The meal planner/preparer served as the informant for information about the household, including his or her own personal intake. The meal planner/preparer was the one person in the household judged to be most knowledgeable about the widest range of topics in the survey, although input from other household

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<sup>8</sup> If households did not provide interviewers with the necessary information to make eligibility determinations, follow-up efforts were made from the Philadelphia office in the form of telephone and mail contacts to gather the answers. The ineligibility determination was established for a portion of the households in the Low-Income sample through these types of contacts.

members was encouraged if the informant could not address any of the questions fully.

The CSFII interview was administered in person and began with the Household Questionnaire. This part of the interview established essential information about the composition and characteristics of the household and its food-related behaviors. This section was followed immediately by administration of the DAY 1 Individual Intake Record to the meal planner/preparer. The Individual Intake Record was completed with the aid of the standard measuring utensils, the Food Instruction Booklet and available home guides, such as coffee mugs, juice glasses, and the like.

The meal planner/preparer reported first on his/her own consumption of foods and beverages for the 24-hour day prior to the interview and then that of children in the home under the age of 12. The meal planner/preparer was also permitted to report for any eligible household member about whose DAY 1 intake he or she was knowledgeable. Other eligible household members who were present at the interview were invited to report their own intake directly to the interviewer. Household members who were not available and for whom the meal planner/preparer could not provide accurate information were left intake forms to be completed later.

To be eligible for the intake portion of the survey, the household member was to be considered a regular member of the family but **not** a roomer, boarder or employee of the household. In addition, family members who were not expected to be in the home for the three days of potential reporting (e.g., traveling on business, in the hospital) were exempted from the intake reporting task.

The administration of the Household Questionnaire portion of the interview averaged 20.5 minutes, with the shortest interview running less than 10 minutes and the longest taking over 40 minutes (see Table IV-1). On average, the Low-Income interview lasted two minutes longer than the Basic interview, primarily because the Low-Income sample households have more household members from whom information must be collected.

Completion of the Individual Intake Record averaged just over 25 minutes for both the Basic and Low-Income sample households (see Table IV-2). In general, the first intake recording in a household took the longest time and following recordings were shorter. This represented a combination of respondent learning of the task requirements and interviewers becoming more efficient, the latter being exemplified by such notation on the subsequent records as "same recipe as on record #1".

**TABLE IV-1**

**LENGTH OF CSFII 1991 HOUSEHOLD  
INTERVIEW BY SAMPLE TYPE**

<u>Number of Minutes</u>	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
10 minutes or less	13.7	12.1	13.2
11 to 15 minutes	33.3	22.9	29.8
16 to 20 minutes	22.8	25.7	23.8
21 to 30 minutes	21.6	28.6	24.0
31 to 40 minutes	5.1	6.2	5.4
41 minutes or more	3.5	4.5	3.8
Mean	19.7 minutes	22.0 minutes	20.5 minutes
(N) =	(1,520)	(774)	(2,294)

**TABLE IV-2**  
**LENGTH OF DAY ONE INTAKE RECORDING<sup>9</sup>**  
**BY SAMPLE TYPE**

	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
<u>Number of Minutes</u>			
14 minutes or less	10.4	14.7	11.9
15 to 19 minutes	18.7	18.0	18.5
20 to 24 minutes	22.7	21.6	22.4
25 to 34 minutes	30.3	28.9	29.8
35 to 59 minutes	15.3	12.9	14.5
60 minutes or more	2.5	3.8	3.0
Mean	25.3 minutes	25.2 minutes	25.3 minutes
	(N) = (3,246)	(1,725)	(4,971)

<sup>9</sup> Excludes known cases in which the interviewer reported only the total time for the intake task; that is, the starting time is recorded as the time the first intake was begun and the ending time as the time the final intake was completed.

The number of in-person attempts to complete interviews with eligible households was set at five.

3. Interviewers instructed household members who were willing to cooperate in the completion of DAY 2 and 3 Individual Intake Records

While recording individual food consumption for the day before the interview, interviewers were training respondents in the proper entry of food line item information, that is, the names, descriptions and quantity measurement of foods consumed. Interviewers then began reporting intake for the day of the interview (DAY 2) and left booklets for all eligible household members to finish reporting their own intake information for DAY 2 and for DAY 3—the calendar day following the interview. Meal planners/preparers were to continue reporting for themselves and for children under the age of 12. They were also encouraged to assist other members of the household as necessary. The measuring cups, spoons, ruler and Food Instruction Booklet were left in the household for use in recording quantities of foods and beverages consumed. An appointment time was established for the interviewer's return to pick up the leave-behind records.

4. Interviewers returned to collect the DAY 2 and 3 records and to pay households for their efforts

Interviewers returned to cooperating households after the two-day recording period to retrieve as many of the completed intake forms as were available. If the household members were present and willing, interviewers reviewed the documents with them and edited them on the spot. On some occasions, interviewers assisted in the completion of records at the time of pick-up. Most frequently, however, interviewers were simply able to retrieve the records, sometimes without household members present, and complete the editing at a later time.

Each household was compensated \$2.00 per intake record retrieved, up to a total of \$20.00 per household. This is the same amount as was offered in CSFII 1989 and CSFII 1990.

5. A DHKS interview was attempted with every household that completed a CSFII survey

In all sample households where the CSFII food consumption surveys were completed, DHKS interviews were attempted. Follow-up contact was first attempted by telephone, if a number was available, and then in-person contacts were tried. If there was no telephone number in the record for the CSFII household, only personal interviewing was attempted. Recontacts for the DHKS interview were scheduled

approximately six weeks after the date of the CSFII interview. Up to four calls were attempted before determining that the household was not available.

The targeted interview respondent was the same person who served as the household informant for the CSFII interview, that is, the primary meal planner/preparer. If that respondent was no longer a member of the household or was to be unavailable for an extended period of time, then the interviewer identified which household member was serving as the main meal planner/preparer and sought to interview that person, regardless of whether or not that person had been a CSFII participant. Table IV-3 shows that the average DHKS interview ran just over 30 minutes, with 37% being completed in 25 minutes or less and 34% running 31 minutes or more.

6. Twice a year small samples of nonrespondents to the CSFII interview portion of the survey were recontacted and requested to complete short household interviews

The final field activity—the nonresponse follow-up survey—took place twice in CSFII 1991, following the completion of Wave 2 and the completion of Wave 4 of CSFII interviewing. A sample of occupied, eligible<sup>10</sup> households, where CSFII interviews had not been completed, were identified for these brief follow-up interviews.

In half of the households, any knowledgeable adult member was asked to provide information. Up to four in-person visits to the household were made to complete the interview (the **household-only condition**). In the other half of the households, if information could not be gathered directly from the family after three visits, the interviewer attempted to complete a very short, scaled-down version of the interview with anyone in the neighborhood who could supply basic information about the sample residents (the **proxy respondent condition**).

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<sup>10</sup> In the low-income sample, households where the eligibility determination had not been established were included in the pool of households which could be selected for follow-up. Information about their eligibility status was important to gather in its own right. Moreover, reasons for their nonparticipation, even at the screening stage, could prove to be useful data in future efforts.



**TABLE IV-3**

**LENGTH OF 1991 DHKS INTERVIEW  
BY SAMPLE TYPE**

<u>Number of Minutes</u>	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
15 minutes or less	2.6	1.7	2.3
16 to 20 minutes	9.8	7.8	9.1
21 to 25 minutes	25.3	19.3	23.3
26 to 30 minutes	32.1	29.1	31.1
31 minutes or more	30.2	42.1	34.2
Mean	29.4 minutes	32.0 minutes	30.3 minutes
	(N) = (1,278)	(641)	(1,919)

B. A total of 2,312 households were contacted and interviewed from April 1991 to March 1992 in the CSFII portion of the survey

1. Fifteen hundred thirty-three Basic and seven hundred seventy-nine Low-Income sample households completed the CSFII 1991 interview

Tables IV-4 and IV-5 show the distribution of interviews and results of attempted contacts by wave, first for the Basic and then for the Low-Income sample. A total of 1,533 usable CSFII Basic household interviews were completed. The two major reasons for not completing an interview at an assigned address were outright refusal by the household to cooperate with the survey (n = 460) and housing unit vacancy (n = 230). Refusal to complete the screening interview and no contact after repeated calls also constituted significant reasons for failure to interview. Language barriers and limited access to the entire area each represented just over 1.5% of the total field outcomes in the Basic sample.

In the Low-Income sample a total of 779 interviews were completed. As expected, the single most frequent reason for not taking an interview was ineligibility of the household. Almost 56.0% (n = 2,649) of the households identified for contact did not meet the size-and-income criterion for interview. The second major reason for a noninterview outcome was that the housing unit was unoccupied; 560 of the 4,710 units were vacant. Two hundred ninety-three households refused to complete the screening interview, while 117 of those who were eligible to participate in the survey chose not to do so. Very few interviews in the Low-Income sample were not completed because of language problems (n = 36) or access limitations (n = 48).<sup>11</sup> Across the two samples less than 1% of the housing units were not interviewed for each of these reasons.

In planning for this effort, we anticipated successfully completing the screening phase with between 87% and 90% of the occupied, eligible housing units across both the Basic and Low-Income sample. In fact, we completed screening at 80% of the occupied sample housing units. The overall screening completion rate, however, was 75% in the Low-Income screening and 83% in the Basic Sample, with completion being defined as at least the meal planner and one individual in the household supplying at least one usable day of intake.

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<sup>11</sup> The Los Angeles riots occurred in one segment in the fourth quarter of year 3. This precluded access to this area.

**TABLE IV-4**

**TOTAL COUNTS FOR CSFII 1991 BASIC SAMPLE  
BY RESULT OF CALL AND WAVE**

	<u>Wave 1</u>	<u>Wave 2</u>	<u>Wave 3</u>	<u>Wave 4</u>	<u>Total Basic</u>
	#	#	#	#	#
<u>Result of Call</u>					
Participated (Code 1)	354	377	417	385	1,533
Refused interview (Code 5)	114	104	128	114	460
Refused screening (Code 8)	95	22	45	47	209
No answer (Code 10)	14	39	57	35	145
Language barrier (Code 11)	9	6	8	2	25
Vacant (Code 12)	63	53	58	56	230
No access (Code 14)	2	5	10	0	17
Other (Codes 13 and 16)	4	3	2	5	14
(N) =	(655)	(609)	(725)	(644)	(2,633)

**TABLE IV-5**

**TOTAL COUNTS FOR CSFII 1991 LOW-INCOME SAMPLE  
BY RESULT OF CALL AND WAVE**

	<u>Wave 1</u> #	<u>Wave 2</u> #	<u>Wave 3</u> #	<u>Wave 4</u> #	<u>Total Basic</u> #
<u>Result of Call</u>					
Participated (Code 1)	227	147	186	219	779
Ineligible (Code 4)	707	623	593	726	2,649
Refused interview (Code 5)	32	31	26	28	117
Refused screening (Code 8)	120	46	45	82	293
No answer (Code 10)	22	41	62	78	203
Language barrier (Code 11)	8	5	5	18	36
Vacant (Code 12)	127	124	123	186	560
No access (Code 14)	6	6	11	25	48
Other (Codes 13 and 16)	4	2	1	18	25
(N) =	(1,253)	(1,025)	(1,052)	(1,380)	(4,710)

2. Interviews were distributed fairly evenly across the months of the year and by day of the week in the CSFII 1991 survey

Interviews were slated to be taken throughout the twelve-month field period with one quarter of the targeted number of interviews to be completed during each three-month period. Table IV-6 shows that this distribution of interviews by quarter was more imbalanced than desired. Still, not more than 26.7 nor less than 22.6% of the interviews were completed in any one of the targeted three-month intervals. The largest number of interviews completed in a single month was taken in October, while December accounted for the fewest number of total interviews. Table IV-7 shows the distribution of interviews by month based on the wave to which the household was assigned.

Because patterns of food consumption have been noted to vary by day of the week, especially weekday vs. weekend, efforts were made to collect interviews across the days of the week. These results are shown in Table IV-8. Most days of the week were equally well represented with the exception of Sundays and Saturdays. Just under 10% of all interviews were completed on Sundays, while 21% of all interviews were completed on Saturdays.

3. Most interviews were successful on the first or second visit

Interviewers proved to be most effective on their first or second visit as shown in Table IV-9. Nearly 60% of the completed interviews and almost 75% of the ineligibility determinations were made within two visits. To achieve final resolution at noninterviewed households took more calls; only 23.4% of these outcomes were determined in one or two visits; 16.0% of these households were contacted on nine or more occasions. The average number of contacts at interviewed households was 2.6 and went up to an average of 5.3 at noninterviewed households.

4. Over eighty-five percent of the household members provided a DAY 1 Individual Intake Record

In Tables IV-10 through IV-13 are found the results of the intake completion efforts. Included in Tables IV-10 and IV-11 are counts of individuals who attempted to provide some of the information called for in the intake record, regardless of whether that information ultimately was judged complete and sufficient for comprehensive intake coding. For example, the respondent may have given information about his or her breakfast consumption but nothing more or may have provided useful food frequency information only. In Tables IV-12 and IV-13 are counts of individuals supplying one or more complete days of intake data.

**TABLE IV-6**

**DISTRIBUTION OF CSFII 1991 INTERVIEWS  
BY MONTH AND BY SAMPLE TYPE**

<u>Month Interview Completed</u>	<u>Basic Sample %</u>	<u>Low-Income Sample %</u>	<u>Total Sample %</u>
April 1991	6.0	6.2	6.1
May	7.7	11.9	9.1
June	6.9	8.3	7.4
<b>Spring</b>	<b>20.6</b>	<b>26.4</b>	<b>22.6</b>
July	10.2	9.0	9.8
August	12.9	9.8	11.8
September	4.3	2.8	3.8
<b>Summer</b>	<b>27.4</b>	<b>21.6</b>	<b>25.4</b>
October	14.1	11.9	13.4
November	10.1	8.3	9.5
December	2.0	3.5	2.5
<b>Fall</b>	<b>26.2</b>	<b>23.7</b>	<b>25.4</b>
January 1992	6.9	8.7	7.5
February	12.0	12.3	12.1
March <sup>12</sup>	7.1	7.2	7.1
<b>Winter</b>	<b>26.0</b>	<b>28.2</b>	<b>26.7</b>
(N) =	(1,533)	(779)	(2,312)

<sup>12</sup> Includes sixteen interviews taken in April 1992.

**TABLE IV-7**

**DISTRIBUTION OF CSFII 1991 INTERVIEWS  
BY MONTH, WAVE, AND SAMPLE TYPE**

<u>Month Interview Completed</u>	<b>Wave 1</b>		<b>Wave 2</b>		<b>Wave 3</b>		<b>Wave 4</b>		
	<u>Basic Income</u>	<u>Low- Income</u>	<u>Basic Income</u>	<u>Low- Income</u>	<u>Basic Income</u>	<u>Low- Income</u>	<u>Basic Income</u>	<u>Low- Income</u>	
	%	%	%	%	%	%	%	%	
April 1991	26	21							
May	33	41							
June	30	29							
July	7	9	33	34					
August	2	*	50	51					
September			17	15	1	0			
October					52	50			
November					37	35			
December					7	14			
January 1992					3	1	24	30	
February							48	44	
March							25	24	
April							3	2	
	(N) =	(354)	(227)	(377)	(147)	(417)	(186)	(385)	(219)

\* 0.5% or less

**TABLE IV-8**

**DAY OF THE WEEK OF CSFII 1991 INTERVIEW  
BY SAMPLE TYPE**

<u>Day</u>	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
Sunday	10.0	9.4	9.8
Monday	16.2	14.1	15.5
Tuesday	16.0	15.8	15.8
Wednesday	13.8	14.0	13.9
Thursday	12.2	12.1	12.2
Friday	11.0	13.0	11.6
Saturday	21.0	21.7	21.2
(N) =	(1,533)	(779)	(2,312)



**TABLE IV-9**

**NUMBER OF ATTEMPTED CONTACTS TO COMPLETE  
A CSFII 1991 INTERVIEW BY OUTCOME  
AND SAMPLE TYPE**

<u>Interview Completed</u>	<u>Sample</u> %	<u>Sample</u> %	<u>Sample</u> %
One attempt	33.7	42.5	36.6
Two attempts	25.2	25.4	25.3
Three attempts	15.3	14.2	15.0
Four attempts	10.3	7.6	9.2
Five to eight attempts	13.4	8.6	11.8
Nine or more	2.1	1.7	2.1
Mean	2.7 attempts	2.4 attempts	2.6 attempts
(N) =	(1,533)	(779)	(2,312)
<u>Interview Not Taken</u>			
One attempt	10.2	18.0	13.2
Two attempts	10.6	9.5	10.2
Three attempts	13.0	10.2	12.0
Four attempts	13.8	11.5	12.9
Five to eight attempts	34.2	38.0	35.7
Nine or more	18.2	12.8	16.0
Mean	5.5 attempts	4.9 attempts	5.3 attempts
(N) =	(669)	(410)	(1,079)
<u>Ineligible (Low-Income Sample Only)</u>			
One attempt		53.0	
Two attempts		21.6	
Three attempts		11.0	
Four attempts		6.1	
Five to eight attempts		7.4	
Nine or more		0.9	
Mean		2.1 attempts	
(N) =		(2,649)	

**TABLE IV-10**

**DISTRIBUTION OF INTAKE RECORDS BY DAY  
BY WAVE FOR BASIC SAMPLE—PARTIALS AND COMPLETES**

	<u>Wave 1</u>	<u>Wave 2</u>	<u>BASIC</u> <u>Wave 3</u>	<u>Wave 4</u>	<u>Total Basic</u>
	#	#	#	#	#
<u>Number of Individuals</u> <u>Providing Data* for:</u>					
Day 1 intake	785	824	988	864	3,461
Day 2 intake	616	570	863	762	2,811
Day 3 intake	597	558	853	753	2,761
All three days of intake	597	558	853	748	2,756
Day 1 and 2 intakes only	19	12	10	11	52
Day 1 and 3 intakes only	0	0	0	2	2
Day 2 and 3 intakes only	0	0	0	3	3
Day 1 intake only	169	254	125	103	651
Day 2 intake only	0	0	0	0	0
Day 3 intake only	0	0	0	0	0

\* Includes partials

**TABLE IV-11**

**DISTRIBUTION OF INTAKE RECORDS BY DAY  
BY WAVE FOR LOW-INCOME SAMPLE—PARTIALS AND COMPLETES**

	<u>LOW-INCOME</u>				
	<u>Wave 1</u>	<u>Wave 2</u>	<u>Wave 3</u>	<u>Wave 4</u>	<u>Total Basic</u>
	#	#	#	#	#
<u>Number of Individuals</u>					
<u>Providing Data* for:</u>					
Day 1 intake	546	345	421	526	1,838
Day 2 intake	418	274	364	472	1,528
Day 3 intake	401	261	358	457	1,477
All three days of intake	397	259	355	457	1,468
Day 1 and 2 intakes only	16	14	7	15	52
Day 1 and 3 intakes only	0	1	0	0	1
Day 2 and 3 intakes only	4	1	2	0	7
Day 1 intake only	133	71	59	54	317
Day 2 intake only	1	0	0	0	1
Day 3 intake only	0	0	1	0	1

\* Includes partials

**TABLE IV-12**

**DISTRIBUTION OF INTAKE RECORDS BY DAY  
BY WAVE FOR BASIC SAMPLE—COMPLETES ONLY**

	<u>Wave 1</u>	<u>Wave 2</u>	<u>BASIC</u> <u>Wave 3</u>	<u>Wave 4</u>	<u>Total Basic</u>
	#	#	#	#	#
<u>Number of Individuals</u> <u>Providing Data for:</u>					
Day 1 intake	775	802	977	847	3,401
Day 2 intake	602	557	857	741	2,757
Day 3 intake	592	553	849	748	2,742
Day 1 and 2 intakes only	15	10	8	1	34
Day 1 and 3 intakes only	1	5	0	4	10
Day 2 and 3 intakes only	3	6	3	8	20
Day 1 intake only	175	246	123	110	654
Day 2 intake only	0	0	0	0	0
Day 3 intake only	4	1	0	4	9
Completed three days of intake	584	541	846	732	2,703
Completed two days of intake only	19	21	11	13	64
Completed one day of intake only	179	247	123	114	663

3430

**TABLE IV-13**

**DISTRIBUTION OF INTAKE RECORDS BY DAY  
BY WAVE FOR LOW-INCOME SAMPLE—COMPLETES ONLY**

	<u>LOW-INCOME</u>				
	<u>Wave 1</u>	<u>Wave 2</u>	<u>Wave 3</u>	<u>Wave 4</u>	<u>Total Basic</u>
	#	#	#	#	#
<u>Number of Individuals</u> <u>Providing Data for:</u>					
Day 1 intake	533	330	392	512	1,767
Day 2 intake	404	264	348	455	1,471
Day 3 intake	395	256	342	452	1,445
Day 1 and 2 intakes only	10	12	4	4	30
Day 1 and 3 intakes only	2	3	2	1	8
Day 2 and 3 intakes only	9	4	14	12	39
Day 1 intake only	137	67	60	68	332
Day 2 intake only	1	0	4	0	5
Day 3 intake only	0	1	0	0	1
Completed three days of intake	384	248	326	439	1,397
Completed two days of intake only	21	19	20	17	77
Completed one day of intake only	138	68	64	68	337

Very few intakes were lost because they were only partially completed. Less than 3% of the DAY 1 recordings in the total sample were partially completed, as were 3% of the three-day sets of intake.

As with previous intake surveys like CSFII 1989, the largest number of Individual Intake Records were completed for the day before the interview. As the recording burden increased, the number of cooperating record providers declined. As shown in Table IV-10, 3,461 Basic Individual Intake Records (including partials) were retrieved for DAY 1, which represents a record for 87% of all individuals residing in the sample households. Over 70% of these individuals provided something in a DAY 2/3 record, while a total of 2,756, or 69%, of the household members provided some information for all three days of intake reporting.

In the Low-Income sample, 1,838 individuals gave some DAY 1 input which is equal to 84% of the total household members in the Low-Income sample. Nearly 70% of the individuals gave some information in a DAY 2/3 record, while three days of recordings were received from 1,468, or 67%, of the members of Low-Income sample households.

1838  
3461  
5299

5. Consistent with prior efforts, outright refusals to cooperate were the primary reason for not providing records

Table IV-14 shows the reasons for not retrieving DAY 1 and DAY 2/3 booklets in the field (regardless of whether or not the data provided by the respondents were fully complete and codable). Refusal to engage in the recording task was the primary reason for not retrieving a record; approximately one in ten gave this response for the DAY 1 record, while approximately one in four refused the DAY 2/3 task. Generally, less than 4% of the eligible household members were not available for the recording period (and, hence, not expected to produce intake records).

The overall participation rates at the household and individual levels are shown in Tables IV-15 and IV-16 for the Basic and Low-Income samples.

C. Cooperation with the DHKS portion of the survey among CSFII interviewed households was high

1. A total of nineteen hundred and twenty-six DHKS interviews were completed

Attempts were made to complete DHKS interviews with every household that participated in the CSFII 1991 intake portion of the

**TABLE IV-14**

**REASONS FOR NOT OBTAINING INTAKE RECORDS  
IN THE FIELD—PARTIALS AND COMPLETES**

<u>Result of Call</u>	<u>Basic Sample</u>		<u>Low Income Sample</u>	
	<u>Day 1</u> %	<u>Day 2/3</u> %	<u>Day 1</u> %	<u>Day 2/3</u> %
Record obtained	86.8	70.5	84.0	69.3
Participation refused	9.1	23.8	12.2	24.6
Person away from home	3.7	3.7	3.3	3.4
Person too sick	0.1	0.7	0.1	0.4
Intake voided/Other	0.2	1.4	0.4	2.3
(N) =	(3,989)	(3,989)	(2,192)	(2,192)

**TABLE IV-15**

**PARTICIPATION AT THE HOUSEHOLD AND INDIVIDUAL LEVEL  
BY WAVE FOR BASIC SAMPLE**

	<u>Wave 1</u>	<u>Wave 2</u>	<u>Wave 3</u>	<u>Wave 4</u>	<u>Total</u>
	#	#	#	#	#
<b>Sample housing units</b>	655	609	725	644	2,633
Occupied housing units	592	556	667	588	2,403
Contacted housing units	572	509	598	548	2,227
Screened housing units	468	481	545	499	1,993
Participating housing units	354	377	417	385	1,533
Individuals in participating housing units	907	995	1,121	966	3,989
Individuals completing DAY 1	785	824	988	867	3,464
Individuals completing DAYS 1, 2 and 3	616	567	864	765	2,812
<b>Reasons for occupied housing units not contacted:</b>					
No one home; no answer	14	39	57	35	145
No access	2	5	10	0	17
Other	4	3	2	5	14
<b>Reasons for contacted housing units not screened:</b>					
Refused screening	95	22	45	47	209
Language barrier	9	6	8	2	25
<b>Reasons for screened housing units not participating:</b>					
Refused interview	114	104	128	114	460



**TABLE IV-16**

**PARTICIPATION AT THE HOUSEHOLD AND INDIVIDUAL LEVEL  
BY WAVE FOR LOW-INCOME SAMPLE**

	<u>Wave 1</u>	<u>Wave 2</u>	<u>Wave 3</u>	<u>Wave 4</u>	<u>Total</u>
	#	#	#	#	#
<b>Sample housing units</b>	1,253	1,025	1,052	1,380	4,710
Occupied housing units	1,126	901	929	1,194	4,150
Contacted housing units	1,094	852	855	1,073	3,874
Screened housing units	966	801	805	973	3,545
Eligible housing units	259	178	212	247	896 <sup>+1049</sup>
Participating housing units	227	147	186	219	779
Individuals in participating housing units	673	391	541	587	2,192
Individuals completing DAY 1	546	345	424	526	1,841
Individuals completing DAYS 1, 2 and 3	418	270	364	468	1,520
<b>Reasons for occupied housing units not contacted:</b>					
No one home; no answer	22	41	62	78	203
No access	6	6	11	25	48
Other	4	2	1	18	25
<b>Reasons for contacted housing units not screened:</b>					
Refused screening	120	46	45	82	293
Language barrier	8	5	5	18	36
<b>Reasons for screened housing units not participating:</b>					
Refused interview	32	31	26	28	117
Ineligible	707	623	593	726	2,649

survey and which still resided in the neighborhood where they were first contacted.<sup>13</sup> The maximum number of DHKS interviews that could have been captured, therefore, was 2,312—1,533 Basic and 779 Low-Income.

As Table IV-17 shows, a total of 1,926 DHKS interviews, or 83% of the original sample were taken in CSFII 1991. If the 73 out-of-scope households (i.e., vacants, moved—no forwarding information, and deceased) are removed from the base, then the adjusted completion rate is 86%.

The major reason for not completing a DHKS interview was not being home or available (n=129). Refusal to be interviewed (n = 113) was the second most common reason. Only 71, or 3.0%, could not be surveyed for some other reason.

The main reason for being less able to reach respondents and for the 83% completion rate was the limited time available to reach respondents. The OMB clearance stated that all interviewing stop by May 29th. Given that the DHK was to be first attempted 4 to 6 weeks after the CSFII interview meant households interviewed in March for CSFII would only be reachable for 2 to 4 weeks in May for their DHK interview. In addition, it meant that all DHKS not obtained by telephone by February 29th needed to be returned to Booz•Allen so that in-person attempts to obtain interviews could be conducted by May 29th.

2. Most DHKS interviews were taken within nine weeks of the completion of CSFII interviews

Over half of the DHKS interviews were completed within nine weeks after the CSFII interviews and almost three-quarters were accomplished in twelve weeks (see Table IV-18). The average time span between the two was ten weeks. Because so many of the telephone attempts were followed up with in-person contacts, the length of time between the two interviews was extended considerably in some cases.

3. Less than fifty percent of the DHKS interviews could be completed by telephone during the yearlong survey

The distribution of interviews by wave is shown in Table IV-19. The fewest number of interviews were completed in Wave 4 (n = 484) and the largest in Wave 3 (n = 503). As a percent of the total possible DHKS

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<sup>13</sup> CSFII interviewed households that moved out of their communities or to any new address without forwarding information were deemed out of scope for the follow-on DHKS interview.

**TABLE IV-17**

**FINAL COUNTS OF 1991 DHKS  
BY RESULT OF CALL**

<u>Result of Call</u>	<u>Basic Sample #</u>	<u>Low-Income Sample #</u>	<u>Total Sample #</u>
Interviewed	1,281	645	1,926
Interview refused	81	32	113
Telephone out of order	2	2	4
No one home/Respondent not available	83	46	129
Language barrier	8	1	9
Vacant/moved/deceased	44	29	73
Other	34	23	58
(N) =	(1,533)	(778)	(2,311)

**TABLE IV-18**

**LENGTH OF TIME BETWEEN CSFII AND DHKS INTERVIEWS  
BY SAMPLE TYPE**

<u>Number of Days</u>	<u>Basic Sample %</u>	<u>Low Income Sample %</u>	<u>Total Sample %</u>
42 days or less	12.9	14.4	13.4
43 to 49 days	24.3	17.4	22.0
50 to 63 days	22.7	22.3	22.6
64 to 84 days	14.2	15.8	14.7
85 to 105 days	8.5	11.8	9.6
106 days or more	17.4	18.3	17.7
Mean	70.9 days	74.0 days	72.0 days
(N) =	(1,280)	(644)	(1,924) <sup>14</sup>

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<sup>14</sup> The dates for two DHKS interviews were not available; therefore, these interviews are not reflected in this table.

**TABLE IV-19**

**DISTRIBUTION OF 1990 DHKS INTERVIEWS  
BY WAVE AND BY SAMPLE TYPE**

	<u>Basic Sample</u>	<u>Low-Income Sample</u>	<u>Total Sample</u>
Wave 1	84.5% <sup>15</sup>	85.9%	85.0%
	N = 299	N = 195	N = 494
Wave 2	85.2%	83.7%	84.7%
	N = 321	N = 123	N = 444
Wave 3	85.4%	79.6%	83.6%
	N = 356	N = 148	N = 504
Wave 4	79.2%	81.7%	80.1%
	N = 305	N = 179	N = 484
	(N) = (1,281)	(645)	(1,926)

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<sup>15</sup> Percent of completed CSFII interviews

interviews for a wave, the fewest DHKS interviews were completed in Wave 4 (80.1%) and the largest in Wave 1 (85%).

The breakdown of DHKS interviews by mode—telephone vs. in person—is given in Table IV-20. The original intent of the survey design was that most interviews would be taken by telephone with in-person interviewing used as a back-up only for households without phones and with unlisted numbers. It was expected, based on prior research, that 10% of the Basic and 35% of the Low-Income sample households would be approached in person. However, the turmoil surrounding this survey in the summer and fall of 1991 resulted in a very different pattern. Wave 2 telephone interviews were not as great a percent as Wave 1 (42% vs. 49%) in part because the telephone interview subcontractor was unclear as to the status of the project. In Wave 3 the telephone percent reached an all-time-high (68%) in part to impress the new Booz•Allen management team and because of management action taken by the Booz•Allen management team to shore-up relationships with the telephone interviewing firm. Wave 4 saw only 32% of interviews by telephone primarily because, as discussed above, we pulled back all households not reached by telephone by February 29th; and because we sent no households whose CSFII interviews were received after February 29th to the telephone interviewing subcontractor.

4. Significant follow-up efforts were made to gain the number of DHKS interviews achieved

Many attempts were made by telephone and, often, in person to capture the DHKS interview (see Table IV-21). The average number of calls to successfully interviewed households was 3.8 while noninterviewed households were pursued for an average of 5.7 calls.

5. The household meal planner/preparer served as the DHKS respondent in nearly all the cases

More than nine out of ten DHKS interviews were successfully completed with the original CSFII respondent (see Table IV-22). Over ninety-four percent of the DHKS respondents were the main meal planner/preparer in the household. Reasons for not reinterviewing the CSFII respondent include his or her extended absence from the household, death, and misidentification of proper respondent.

**TABLE IV-20**  
**1991 SIDHKS INTERVIEW MODE BY WAVE**  
**AND BY SAMPLE TYPE**

	<u>Basic</u> Sample %	<u>Low-Income</u> Sample %	<u>Total</u> Sample %
<u>Wave 1</u>			
Telephone	56.2	39.0	49.4
In person	43.8	61.0	50.6
• Nontelephone $\subseteq$ household	14.0	28.2	19.6
• Nonresponsive $\Rightarrow$ e to telephone contact	29.8	32.8	31.0
(N) =	(299)	(195)	(494)
<u>Wave 2</u>			
Telephone	48.3	28.5	42.7
In person	51.7	71.5	57.3
• Nontelephone $\subseteq$ household	9.4	35.0	16.6
• Nonresponsive $\Rightarrow$ e to telephone contact	42.3	36.5	40.7
(N) =	(321)	(123)	(444)
<u>Wave 3</u>			
Telephone	72.2	58.8	68.2
In person	27.7	41.2	31.8
• Nontelephone $\subseteq$ household	11.8	18.9	13.9
• Nonresponsive $\Rightarrow$ e to telephone contact	15.9	22.3	17.9
(N) =	(356)	(148)	(504)
<u>Wave 4</u>			
Telephone	35.1	28.5	32.6
In person	64.9	71.5	67.4
• Nontelephone $\subseteq$ household	56.4	60.9	58.1
• Nonresponsive $\Rightarrow$ e to telephone contact	8.5	10.6	9.3
(N) =	(305)	(179)	(484)

**TABLE IV-21**

**NUMBER OF ATTEMPTED CONTACTS TO COMPLETE  
A DHKS INTERVIEW BY OUTCOME AND SAMPLE TYPE**

	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
<u>Interview Completed</u>			
One attempt	22.2	29.1	24.6
Two attempts	20.2	21.0	20.5
Three attempts	15.4	10.7	13.8
Four attempts	12.1	11.9	12.0
Five to eight attempts	20.6	21.7	21.0
Nine or more attempts	9.5	5.5	8.1
Mean	3.9 attempts	3.5 attempts	3.8 attempts
(N) =	(1,281)	(645)	(1,926)
<u>Interview Not Taken</u>			
One attempt	12.7	20.2	15.3
Two attempts	12.3	14.2	12.9
Three attempts	12.3	9.0	11.1
Four attempts	9.5	6.7	8.5
Five to eight attempts	32.5	31.4	32.3
Nine or more attempts	20.7	18.5	19.9
Mean	5.9 attempts	5.3 attempts	5.7 attempts
(N) =	(252)	(134)	(386)



**TABLE IV-22**

**1991 DHKS RESPONDENT BY SAMPLE TYPE**

	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
<u>DHKS respondent</u>			
Meal planner, preparer (CSFII respondent)	94.6	94.1	94.4
Other household member	5.4	5.9	5.6
(N) =	(1,281)	(645)	(1,926)

D. Information was captured for more than half of the households pursued in the nonresponse follow-up surveys

1. Over four hundred questionnaires were completed across the two phases of the Nonresponse Follow-up Survey in CSFII 1991

Table IV-23 reports the results of attempted calls to households in the nonresponse follow-up surveys. Half of all households participated in these follow-up surveys. More households took part in the first follow-up (56.0%) than in the second (44.5%). Nearly 15% of all households or proxies were not reached in the time allotted. Sixteen percent of the households were contacted but refused to cooperate with the follow-up interview.

2. Most interviews were taken by the second or third attempt

If a nonresponse interview was completed it was captured, on average, in the first or second visit (see Table IV-24). Over eighty percent of the interviews were completed by the third call to a household.

3. Neighborhood proxies provided information in fewer than one in five cases where nonresponse interviews were captured

Consistent with the findings of the CSFII 1990 effort, more interviews were completed in the proxy-respondent method than in the household-only approach (58.0% vs. 42.0 %) as seen in Table IV-25. This is due, primarily, to the increased number of interviews taken with nonhousehold informants. A shorter, less complete, questionnaire was completed with a neighborhood proxy for 16.9% of all the households for which nonresponse information was retrieved.

**TABLE IV-23**

**NONRESPONSE FOLLOW-UP SURVEY RESULT OF CALL  
BY SAMPLE TYPE BY PERIOD  
1991**

<u>Result of Call</u>	<u>Basic Sample</u>			<u>Low-Income Sample</u>			<u>Total Sample</u>		
	<u>Waves</u>	<u>Waves</u>	<u>Total</u>	<u>Waves</u>	<u>Waves</u>	<u>Total</u>	<u>Waves</u>	<u>Waves</u>	<u>Total</u>
	<u>1&amp;2</u>	<u>3&amp;4</u>		<u>1&amp;2</u>	<u>3&amp;4</u>		<u>1&amp;2</u>	<u>3&amp;4</u>	
	%	%	%	%	%	%	%	%	
Interviewed	58.4	45.4	51.6	53.5	43.7	48.4	56.0	44.5	50.0
Interview refused	15.2	22.7	19.1	12.1	13.6	12.9	13.7	18.2	16.0
No one home	13.7	15.3	14.5	17.2	12.2	14.6	15.4	13.8	14.6
Language barrier	1.5	.9	1.2	.5	.9	.7	1.0	.9	1.0
Vacant	6.6	5.6	6.0	12.7	8.0	10.2	9.6	6.8	8.1
Wrong HU contacted	.5	3.2	1.9	1.0	5.2	3.2	.8	4.2	2.6
Riot area		1.8	1.0		5.6	2.9		3.7	1.9
Other	4.1	5.1	4.6	3.0	10.8	7.1	3.5	7.9	5.8
(N) =	(197)	(216)	(413)	(198)	(213)	(411)	(395)	(429)	(824)

**TABLE IV-24**

**NUMBER OF ATTEMPTED CONTACTS TO COMPLETE  
A NONRESPONSE FOLLOW-UP INTERVIEW  
BY OUTCOME AND SAMPLE TYPE  
1991**

<u>Interview Completed</u>	<u>Basic Sample</u> %	<u>Low-Income Sample</u> %	<u>Total Sample</u> %
One attempt	49.3	44.7	47.1
Two attempts	16.9	23.6	20.1
Three attempts	18.3	12.1	15.3
Four attempts	8.9	11.6	10.2
Five or more attempts	6.6	8.0	7.3
Mean	2.1 attempts	2.2 attempts	2.1 attempts
	(N) = (213)	(199)	(412)

Interview Not Taken

One attempt	55.5	59.0	57.3
Two attempts	12.0	11.3	11.6
Three attempts	12.5	12.7	12.6
Four attempts	7.5	6.1	6.8
Five or more attempts	12.5	10.9	11.7
Mean	2.2 attempts	2.1 attempts	2.1 attempts
	(N) = (200)	(212)	(412)

**TABLE IV-25**

**NONRESPONSE FOLLOW-UP SURVEY INTERVIEWS  
BY SAMPLE TYPE AND SOURCE OF INTERVIEW**

<u>Method</u>	<u>Basic Sample</u>			<u>Low-Income Sample</u>			<u>Total Sample</u>		
	<u>Waves 1&amp;2 %</u>	<u>Waves 3&amp;4 %</u>	<u>Total %</u>	<u>Waves 1&amp;2 %</u>	<u>Waves 3&amp;4 %</u>	<u>Total %</u>	<u>Waves 1&amp;2 %</u>	<u>Waves 3&amp;4 %</u>	<u>Total %</u>
Household only	42.6	41.8	42.2	40.6	43.0	41.7	41.6	42.4	42.0
Proxy respondent	57.4	58.2	57.8	59.4	57.0	58.3	58.4	57.6	58.0
Household member	41.7	34.7	38.5	41.5	35.5	38.7	41.6	35.1	38.6
Neighborhood proxy	15.7	23.5	19.3	17.9	21.5	19.6	16.8	22.5	19.4
(N) =	(115)	(98)	(213)	(106)	(93)	(199)	(221)	(191)	(412)

## V. DATA REDUCTION AND FILE PREPARATION

This chapter covers the creation and handling of the various databases that resulted from the CSFII 1991 survey. It addresses the processing effort beginning with the return of hard-copy questionnaires from the field or electronic files from the centralized WATS facility through to the documentation of the final format for each file. The protocols discussed here were first employed in CSFII 1989 and adapted to the 1991 effort, as needed. Four different data sets have been created for the 1991 survey data—the household and intake interview file, the CSFII screener/call report file for all sample housing units, the DHKS interview and nonresponse file, and the nonresponse follow-up survey files. The processing and handling of each of these different data sets is discussed in this chapter.

Beginning with the third wave of CSFII 1991, the organization performing the tasks underwent minor changes to improve the speed and quality of processing. After the reorganization the processing steps did not change; only who was performing each step changed. Therefore, these organizational changes were not discussed here. For additional information about the organizational changes, see the Computer Processing and Data Quality Control Documentation.

### A. Preparation of the CSFII 1991 household and intake data sets followed the same data handling protocols used in prior years of CSFII

Many of the existing protocols and procedures provided the foundation for processing the Continuing Survey data. This continuity assured compatibility with USDA databases generated in earlier food consumption survey efforts. Minor modifications to the 1990 system were introduced prior to the start of the CSFII 1991. These were required to accommodate changes in survey documents between 1990 and 1991. An overview of the process of preparing the CSFII 1991 survey interview data and screener data files is shown in Exhibit V-1 on the next page.

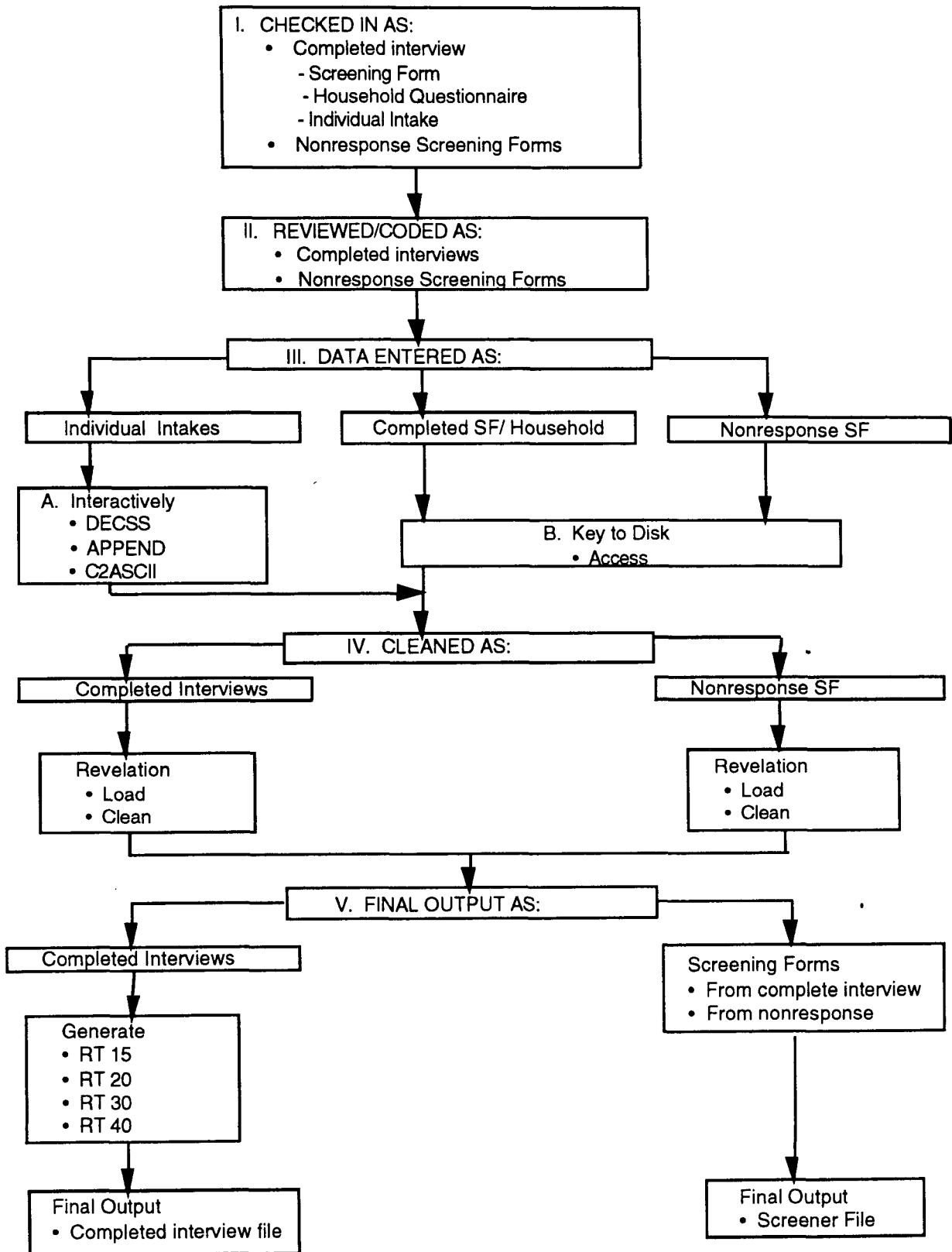
There are five separate steps in the preparation of these data—logging in of materials, review and editing of data, coding and entry of data input, data cleaning and expansion, and preparation of final data files. Each of these steps is described below, first for the interview database and then for the screener file.

#### 1. The process began with logging in of interviewer-generated materials into the central interview control file

The first step in the post-field processing of survey documents was the checking in of completed materials from the field. A central control file known as the **Field Monitoring File** was created to account for each wave of Basic and Low-Income sample information from the field and to flag interviews for validations. Interviewers were instructed to mail

Exhibit V-1

**SAMPLED HOUSING UNITS**



completed interviews and any DAY 2/3 intake records captured as soon as they had been retrieved and edited. These completed materials arrived in the Philadelphia office almost daily throughout the year and were logged into the computer on the day of their arrival.

The first processing task was an integrity check of the interviewer-mailed packages to assure that all the expected documents listed on the transmittal form were present. Each packet was checked for the presence of a completed Screening Form, Household Questionnaire, and Individual Intake Records. At least one DAY 1 intake record was to be present for the interview to be considered complete. If these materials were not all present, the package was set aside and the interviewer contacted to rectify the situation before the materials were logged into the system.

Completed interviews were checked into the control system by their pre-assigned unique segment and housing unit numbers. As a check on the entry effort, the system was programmed to accept only valid and active segment and housing unit numbers. When these numbers were entered, a five-digit sequence number was automatically assigned by the computer to each completed interview. These unique household identification numbers became the control numbers for the documents for the remainder of the processing effort. The sequence numbers used in CSFII Year 3 were:

**INTERVIEW IDENTIFICATION  
NUMBER SEQUENCE**

<u>WAVE</u>	<u>BASIC</u>	<u>LOW INCOME</u>
1	17001-17366	22001-27237
2	17501-17880	27501-27653
3	18001-18417	28001-28195
4	18501-18888	28501-28726



This range is somewhat greater than the total count of interviews recorded in the final data file because some interviews assigned sequence numbers were subsequently combined, voided or invalidated.

The information contained in the check-in system was used to support several post-field activities. Weekly and *ad hoc* monitoring reports were generated from the check-in file (see Exhibits V-2 through V-5). The number and results of call of documents received in house were tracked in the report titled **Household Screeners Received**. Completion rate information was available from the **Household Screener Summary** report. The **Individual Screeners Received** report provided information on the number of intake records received from the field. Production in the field in specific areas was tracked from the **Household Screeners Received by Segment** report.<sup>16</sup>

In addition to assigning sequence numbers and providing input for the monitoring effort, the check-in system identified a portion of the interviews for validation.

Each interviewer's work was subjected to validation efforts. The third interview completed by an interviewer was the first to be validated. Thereafter, every tenth interview from that interviewer was flagged and a validation attempted regardless of whether or not some other step in the processing effort triggered recontact with the household. A portion of nonresponse screenings (e.g., ineligible households) were also validated.

Validations first were attempted by telephone, if a phone number was given. Up to six attempts were made to reach respondents after which point mail validation forms were sent. If no phone number was available, the mail validation form was sent directly. Validation questions covered factual matters, such as number of people in the household, monthly income and food benefits program participation, as well as information about the interview process, such as the length of interview, the method of data collection, and the use of food reporting aids. Any interviewers whose work did not validate was subjected to further checking. All of his or her interviews were reviewed and validated.

2. Reviewers next examined documents in detail to determine completeness and their capacity to be coded

A team of trained editors accepted the completed questionnaires from the check-in effort and reviewed them for completeness, depth of

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<sup>16</sup> After December 1991, production was also tracked by each editor-coder. (See discussion in Computer Processing and Data Quality Control Documentation.)

## EXHIBIT V-2

USDA/CSFII FIELD SUMMARY REPORT WAVE 2 YEAR 3 10-14-91 02:57PM

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### HOUSEHOLD SCREENERS RECEIVED

RESULT CODE	-----BASIC-----		-----POVERTY-----		-----TOTAL-----	
	--NUMBER--	-PER CENT-	--NUMBER--	-PER CENT-	--NUMBER--	-PER CENT-
1 - PARTICIPATED	378	62.0	147	14.4	525	32.1
2 - ELIG. & APPT	0	0.0	0	0.0	0	0.0
3 - ELIG. & NO APPT	0	0.0	0	0.0	0	0.0
4 - INCOME INELIG	0	0.0	623	60.8	623	38.1
5 - ELIG. & REFUSED	82	13.4	26	2.5	108	6.6
6 - TELEPHONE BUSY	0	0.0	0	0.0	0	0.0
7 - TELEPHONE BROKE	0	0.0	0	0.0	0	0.0
8 - REFUSED SCREEN	23	3.8	41	4.0	64	3.9
9 - SCR APPT. MADE	0	0.0	0	0.0	0	0.0
10 - NO ANSWER	44	7.2	44	4.3	88	5.4
11 - LANG. BARRIER	16	2.6	5	.5	21	1.3
12 - VACANT/ NOT HU	51	8.4	124	12.1	175	10.7
13 - OTHER	11	1.8	8	.8	19	1.2
14 - NO ACCESS TO HU	5	.8	6	.6	11	.7
15 -	0	0.0	0	0.0	0	0.0
16 -	0	0.0	0	0.0	0	0.0
17 -	0	0.0	0	0.0	0	0.0
TOTAL RECEIVED	610		1,024		1,634	
TOTAL ASSIGNED	610		1,024		1,634	
PCT. RECEIVED	100.0		100.0		100.0	

## EXHIBIT V-3

USDA/CSFII FIELD SUMMARY REPORT WAVE 2 YEAR 3 10-14-91 02:57PM

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### HOUSEHOLD SCREENER SUMMARY

CATEGORY	BASIC		POVERTY		TOTAL	
	NUMBER	PER CENT	NUMBER	PER CENT	NUMBER	PER CENT
SCREENERS RECEIVED	610		1,024		1,634	
TOTAL VACANTS	51	8.4	124	12.1	175	10.7
TOTAL OCCUPIED	559	91.6	900	87.9	1,459	89.3
TOTAL NOT SCREENED	99	17.7	104	11.6	203	13.9
TOTAL SCREENED	460	82.3	796	88.4	1,256	86.1
TOTAL NOT ELIGIBLE	0	0.0	623	78.3	623	49.6
TOTAL ELIGIBLE	460	100.0	173	21.7	633	50.4
TOTAL NOT INTERVIEWED	82	17.8	26	15.0	108	17.1
TOTAL INTERVIEWED	378	82.2	147	85.0	525	82.9

## EXHIBIT V-4

USDA/CSFII FIELD SUMMARY REPORT WAVE 2 YEAR 3 10-14-91 02:58PM

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### INDIVIDUAL SCREENERS RECEIVED

RESULT CODE	-----BASIC-----						-----POVERTY-----						-----TOTAL-----					
	---DAY 1---		---DAY 2&3---		---TOTAL---		---DAY 1---		---DAY 2&3---		---TOTAL---		---DAY 1---		---DAY 2&3---		---TOTAL---	
	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-	-NUM-	-PCT-
1 - HAS INTAKE	827	83.1	572	57.5	1,399	70.3	343	88.6	271	70.0	614	79.3	1,170	84.7	843	61.0	2,013	72.8
2 - NO INTAKE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
3 - REFUSED	116	11.7	361	36.3	477	24.0	29	7.5	93	24.0	122	15.8	145	10.5	454	32.9	599	21.7
4 - UNAVAILBLE	52	5.2	50	5.0	102	5.1	15	3.9	13	3.4	28	3.6	67	4.8	63	4.6	130	4.7
5 - ILL	0	0.0	6	.6	6	.3	0	0.0	0	0.0	0	0.0	0	0.0	6	.4	6	.2
6 - RELIGION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7 - OTHER	0	0.0	6	.6	6	.3	0	0.0	10	2.6	10	1.3	0	0.0	16	1.2	16	.6
8 -	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
9 -	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10 -	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>TOTAL RECEIVED</b>	<b>995</b>		<b>995</b>		<b>1,990</b>		<b>387</b>		<b>387</b>		<b>774</b>		<b>1,382</b>		<b>1,382</b>		<b>2,764</b>	

# EXHIBIT V-5

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 USDA/CSFII FIELD SUMMARY REPORT WAVE 2 YEAR 3 10-14-91 02:58PM  
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## HOUSEHOLD SCREENERS RECEIVED BY SEGMENT

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SEGMENT	RESULT CODES														TOTAL RECEIVED	TOTAL ASSIGNED	PER CENT RECEIVED
	1	2	3	4	5	6	7	8	9	10	11	12	13	14			
17112101	0	0	0	0	1	0	0	1	0	0	0	0	1	3	6	6	100.0
17112109	4	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	100.0
17112202	3	0	0	0	1	0	0	0	0	0	0	1	1	0	6	6	100.0
17112305	1	0	0	0	1	0	0	1	0	1	0	1	0	0	5	5	100.0
17113107	3	0	0	0	2	0	0	0	0	0	0	0	0	0	5	5	100.0
17113208	3	0	0	0	0	0	0	0	0	1	0	0	0	0	4	4	100.0
17113307	2	0	0	0	2	0	0	0	0	0	0	1	0	0	5	5	100.0
17114106	3	0	0	0	2	0	0	0	0	0	0	0	0	0	5	5	100.0
17115106	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	100.0
17115205	1	0	0	0	1	0	0	0	0	2	0	1	0	0	5	5	100.0
17116103	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	4	100.0
17117104	3	0	0	0	0	0	0	0	0	0	0	1	0	0	4	4	100.0
17117112	2	0	0	0	1	0	0	0	0	0	0	1	0	0	4	4	100.0
17117208	2	0	0	0	0	0	0	0	0	0	0	1	0	0	3	3	100.0
17118105	3	0	0	0	0	0	0	0	0	0	0	1	0	0	4	4	100.0
17119105	3	0	0	0	0	0	0	1	0	0	0	0	1	0	5	5	100.0
17119204	1	0	0	0	1	0	0	2	0	0	0	1	0	0	5	5	100.0
17119304	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	4	100.0
17121104	2	0	0	0	2	0	0	0	0	0	0	0	0	0	4	4	100.0
17121112	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	100.0
17122107	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	100.0
17122206	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	4	100.0
17122305	1	0	0	0	1	0	0	0	0	1	0	0	0	0	3	3	100.0
17122403	4	0	0	0	1	0	0	0	0	0	0	0	0	0	5	5	100.0
17122504	3	0	0	0	0	0	0	0	0	1	0	0	0	0	4	4	100.0
17123104	3	0	0	0	2	0	0	0	0	0	0	0	0	0	5	5	100.0
17123203	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	100.0
17123302	3	0	0	0	0	0	0	0	0	1	0	0	0	0	4	4	100.0
17123403	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	100.0
17123504	2	0	0	0	0	0	0	0	0	2	0	0	0	0	4	4	100.0
17123606	1	0	0	0	2	0	0	0	0	0	0	1	0	0	4	4	100.0
17124107	3	0	0	0	0	0	0	1	0	0	0	0	0	0	4	4	100.0
17125103	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	100.0
17125203	3	0	0	0	0	0	0	0	0	0	4	0	0	0	7	7	100.0
17125302	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	100.0
17125403	2	0	0	0	2	0	0	0	0	0	0	0	0	0	4	4	100.0
17125502	3	0	0	0	0	0	0	0	0	1	0	2	0	0	6	6	100.0
17125510	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	4	100.0
17126107	9	0	0	0	0	0	0	0	0	0	0	1	0	0	10	10	100.0
17127105	1	0	0	0	3	0	0	0	0	0	0	0	0	0	4	4	100.0
17127206	3	0	0	0	0	0	0	0	0	1	0	0	0	0	4	4	100.0
17128101	2	0	0	0	0	0	0	0	0	2	0	0	0	0	4	4	100.0
17128109	1	0	0	0	1	0	0	0	0	2	0	0	0	0	4	4	100.0
17129106	3	0	0	0	0	0	0	1	0	0	0	0	0	0	4	4	100.0
17129205	6	0	0	0	2	0	0	0	0	1	0	1	0	0	10	10	100.0
17129305	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	100.0
17129406	1	0	0	0	1	0	0	0	0	0	0	3	0	0	5	5	100.0
17129505	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	4	100.0
17131104	7	0	0	0	1	0	0	0	0	0	0	1	0	0	9	9	100.0
17132105	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	100.0

information and integrity. Reviewers followed the steps outlined in the **Review Procedures Manual** prepared in CSFII 1989, using forms updated from the prior year's research. The results of their reviews were recorded on **Review Summary Sheets** and, depending upon the nature of the item and the level of effort needed to edit the data, recontact with either the interviewer or respondent may have been mandated.

Reviewers were trained to exercise their judgment in the review process. If they could resolve the problem through careful edit and use of information elsewhere in the documents, they were advised to do so and to minimize unnecessary follow-up with the interviewer or additional intrusion into the sample households. The latter was especially critical in this survey where the follow-on DHKS survey was still to occur in most households.

For newly-trained CSFII 1991 interviewers, all missing, incomplete or inconsistent information spotted by reviewers provoked callbacks to the interviewers. In addition, photocopies of reviewer questionnaire recording problems were mailed to interviewers as a means of reinforcing proper data collection activities and training them in the standard recording conventions of the study. For veteran interviewers, callbacks were attempted if:

- **Significant missing or questionable data were noted**—According to the guidelines established for this study, key data elements needed to be intact. This meant that: 1) the number of people in the household listed in the questionnaire was to match other sources of information about household size, such as the screening form data, 2) personal information from the cover of the intake record was to match the same information in the household listing, 3) work or schooling information for any appropriate household member needed to be complete, 4) school meal participation needed to be present (if appropriate), and 5) key income information was to be present. If any one of these conditions did not hold, a callback was attempted.
- **The Household Questionnaire was incomplete**—If fewer than 80% of the applicable questionnaire items were answered, then a callback was tried.
- **Intake records were deficient in codable information**—If six or more of the food/quantity descriptions were incomplete or were difficult to fit into the existing HNIS code structure, then follow-up was initiated.

In general, the interviewer was the first source of information retrieval, followed by the respondent. If the interviewer could not be contacted on the first or second attempt, then contact with the household respondent was attempted. In many cases, where the reviewer judged that the information was more likely to be gathered from the respondent (e.g., identifying whether the quantity of meat reported in the intake record was raw or cooked), then he/she would attempt contact with the household first. At the time a household contact was made for missing information, a validation interview was often attempted.

Table V-1 shows the results of the validation efforts in the Year 3 survey. Approximately 20% of the completed interviews were validated with respondents. Attempted validations were divided between the Basic and the Low-Income sample households to achieve similar percentages validated. A validation was attempted (most by mail to nontelephone households), but no response was obtained, in less than one in ten households for the low-income sample and one in fifteen for the basic sample.

Unlimited calls could be attempted to retrieve information, although generally three were tried to complete the review stage. Answers to questions from either interviewers or respondents were recorded directly onto the documents in a distinctive color pencil (i.e., green) to denote the post-field inputting of data. In addition, the information was recorded on the Review Summary Sheets. If the information could not be gleaned from the callbacks or no contacts were successful in reaching the knowledgeable parties, then the documents were forwarded, as is, to the next stage of processing.

3. Intake data were interactively coded and entered into the DECSS system, while the remainder of the questionnaire information was keyed using standard survey research data entry systems

The entry of the information from CSFII 1991 was accomplished using two separate entry systems which had been established for CSFII 1989. The information contained in the intake record booklets was coded and entered interactively through a custom-tailored Data Entry and Coding Support System (DECSS) developed to handle USDA food intake surveys. The remainder of the questionnaire data—the screening form and household questionnaire—were manually coded and inputted using ACCESS, a commercially available data entry software key-to-disk system. Each of these activities is described in more detail below.

**TABLE V-1**  
**CSFII VALIDATION ATTEMPTED AND COMPLETED**

	<u>Basic Sample #</u>	<u>Low-Income Sample #</u>
<u>CSFII Validations</u>		
Attempted and completed	343	131
Attempted and not completed	100	181
(N) =	(443)	(312)



- a. Coding and entry of individual intake data was performed using DECSS<sup>17</sup>

The process of turning the verbal food descriptions and related information collected in the DAY 1 and DAY 2/3 Individual Intake Records into computer cleanable data was a three-step process:

- Interactive coding of the individual intakes
- Cumulating all coded individual intake files
- Converting the coded individual intake files into ASCII data files for transporting into cleaning format files.<sup>16</sup>

### **Data Entry and Coding Support System**

The Data Entry and Coding Support System (DECSS) was developed in a computer language known as **C English**. It is a menu-driven, user-friendly support system designed to aid in the food code and gram weight assignment process. The computerized system helps eliminate many of the problems associated with the complicated, error-prone manual efforts of assigning food codes and gram weights to respondent-provided verbal descriptions of foods and beverages consumed. It also allows for the direct entry of all supplementary data contained in the DAY 1 and DAY 2/3 Intake Records.

The interactive coding system permits easy entry; it accepts only allowable codes for each data field and it forces the enterer to follow the appropriate skip patterns in the intake documents. The foundation of this process is a computerized version of the USDA Codebook and all its updates for individual intakes. The information in the Codebook has been encoded into the system in two files.

### **Food Code Description File**

The food code description file contains all the seven-digit food codes identified by USDA by the name of the food accompanied

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<sup>17</sup> For further information about this stage of processing, please see the Computer Programs and Quality Control – Year 3 report

by the complete descriptions of each. This file is unique for two reasons:

- It is flexible. There may be many different descriptions assigned to a food code to accommodate all the variations embedded in a USDA code. For example, food code 631-2301 has the following descriptions in the file:

631-2301 GRAPE EMPEROR ADHERENT SKIN RAW  
631-2301 GRAPE EUROPEAN ADHERENT SKIN RAW  
631-2301 GRAPE TOKAY ADHERENT SKIN RAW  
631-2301 GRAPE THOMPSON ADHERENT SKIN RAW  
631-2301 GRAPE RED FLAME ADHERENT SKIN RAW  
631-2301 EMPEROR GRAPE ADHERENT SKIN RAW  
631-2301 EUROPEAN GRAPE ADHERENT SKIN RAW  
631-2301 TOKAY GRAPE ADHERENT SKIN RAW  
631-2301 THOMPSON GRAPE ADHERENT SKIN RAW  
631-2301 RED FLAME GRAPE ADHERENT SKIN RAW

Any one of these choices may appear as a match to the data inputted by the coder.

- It is dynamic. This file was continually updated as "replacement pages" to the Codebook were received from USDA. Since the beginning of the intake surveys which used the Codebook, more than 6,500 unique USDA food codes have been employed, for which there are more than 22,000 different descriptive statements that existed in the DECSS file. Many of these were additions made to the file during the course of CSFII 1989, 1990 and 1991.

#### **Gram Conversion File**

The gram conversion file contained all the food codes and all the existing allowable units of measurement for that code and the gram weight associated with each unit. Again, this file was

updated with each set of replacement pages received from USDA.

To initiate the interactive food coding process, the coder entered the name of a food or beverage as given by the respondent and typed in a short string of descriptive statements about the item. The computer searched the USDA Codebook file for all available food names and descriptions that matched the information inputted. All potential seven-digit food code numbers and verbal descriptions that matched the input were ordered (from the largest to the fewest number of common key word matches) and arrayed on the screen. The coder selected the most appropriate match, if there was one, highlighted it on the screen, and entered it into the file.

Next, the coder entered into the computer the quantity consumed and the units of measurement recorded in the intake record for that food line item. If these were standard measurement units for that item, the computer accepted the input, linked the information to the **gram conversion file** and assigned a gram value to the line item. The computer then prompted the coder to enter information about the next food line item.

The interactive system also handled default situations as well as matches. If there was no match with the food name and/or descriptive information or if none of the choices were judged by the coder as appropriate, the coder could modify the description of the food entry and begin the search again. If a suitable match was still not found, the coder terminated the search for that item. No entry of that food line item was made at that time but a request for food code information was prepared for HNIS review.

If the food quantity units reported for the respondent did not match exactly the units acceptable for that food code, the computer screen displayed all of the units of measurements that were associated with that seven-digit food or beverage code. If the coder could convert the quantity into one of these allowable units of measurement, then he or she selected the appropriate values and entered the number of those units consumed. The computer automatically converted these values into gram amounts.

However, if the food units reported by the respondent could not be translated into the allowable units in the file, the gram amount was temporarily given a "missing" value in the grams

field in the associated record. This situation could arise because the HNIS-provided gram conversion file was missing information needed to link a food code to gram amounts or because the unit entered by the coder was not found among the "standard units of measurements" in the file (i.e., "inches" were entered and only "cup" units are available in the file to be converted to grams).

When the gram conversion error messages occurred, coders reviewed their entries (to determine if the entry was correct) and consulted any supplemental data from USDA. On occasion, there was information available, off line, which would allow the conversion of unusual quantities into grams. If the gram linkage still could not be established, then a request for information was submitted to HNIS.

b. USDA regularly updated the dynamic food nutrient database and responded to requests for food coding information

Requests to USDA were generated for two reasons: no food code matched the description given by the respondent and/or no gram amount could be assigned for whatever reason. The need for a request was flagged by the coder and the document was forwarded to the request writer. First, the request writer verified the necessity of a request and then filled out the USDA request form. Each request was kept in numerical order by request number for ease of retrieval upon return of information from USDA. Returned request information was inserted into the missing individual intake file by a cleaner/updater during the cleaning process.

Over the period of the CSFII 1991 coding effort, the request process resulted in more than 2,400 requests for food code and weight information being generated. A breakdown of these requests by wave and sample type is shown in Table V-2. More requests for food code and weight information came from the Basic rather than from the Low-Income sample.

With each request, the HNIS staff made the determination whether or not to generalize their response to other occurrences of that food or beverage item. If this were a single-case application, only the specified individual intake record was amended. If the information was to be put into general usage (i.e., pages to the Codebook were provided by USDA), the DECSS and general cleaning systems were also modified to accept the new values.

**TABLE V-2**

**NUMBER OF REQUESTS FOR FOOD CODE  
AND QUANTITY INFORMATION  
BY WAVE AND SAMPLE TYPE  
1991**

	<u>Basic Sample</u> #	<u>Low-Income Sample</u> #	<u>Total Sample</u> #
Wave 1	482	198	680
Wave 2	487	106	593
Wave 3	521	177	698
Wave 4	352	118	470
(N) =	(1,842)	(599)	(2,441)

- c. All information contained in the intake record was interactively entered and cumulated

In addition to the intake data, coders interactively entered the supplemental data contained in each intake booklet (e.g., food frequency data). During the entry effort, range and skip pattern edits were applied. When a coder completed entering information from an intake record, he/she began the process again with the next record from that individual, from the next person in the household, or from another individual in the next household. Periodically, the work of coders, particularly new ones, was coded a second time by experienced personnel.

- d. Data entry of the Screening Form and Household Questionnaire was accomplished using standard entry programs

The key entry of the Screening Form and Household Questionnaire data associated with completed CSFII interviews was accomplished using ACCESS, a proprietary data entry system. This system minimized data entry errors by accepting only valid entries as data inputting occurred. All data key entered were 100% verified, that is, the data were keyed a second time with any differences in entry being flagged for further inspection by the verifier. These data sets were then cumulated into larger files—one for each wave by sample type—and prepared for further cleaning along with the data from the intake records.

4. The database for each wave was subjected to extensive data edits and cleaning procedures to create files which were complete and logical representations of the survey results

These coded raw data which were associated with the CSFII intake and household/screening data sets were subjected to a series of cleaning and verifying procedures to detect problems in the file. The cleaning application programs were written using REVELATION, a database management system, and were designed to function as an iterative editing process. Data files, organized by wave and sample type, were run through the cleaning programs in batch mode. Each data set (e.g., all the data associated with a particular household) was tested against the array of edit specifications and all the errors or problems associated with it were identified on a printout.

Experience coding staff were the data cleaning personnel. They referenced the original source documents to resolve problems, noted their corrections on the printouts and amended the data file directly. Any time a line item of food was reviewed for unusual quantity, a

notation was entered into the file to register the event. The outcome could be coded:

- 2 = Extreme value, verified as accurate
- 3 = Extreme value, corrected and still extreme
- 4 = Initially an extreme value, but corrected and no longer extreme

The corrected data unit was cycled through the cleaning programs repeatedly until no fatal errors existed in the data set. By the end of data cleaning for a wave, all the related household and intake data were resident in the cleaned data file, organized by wave and by sample type.

Several types of specialized computer edits were adapted for the CSFII survey data. Entries outside established ranges or inconsistent with other entries were flagged as **fatal errors** or **warnings**. Examples of the type of situation which would be diagnosed as **fatal errors** include: 1) finding that the length of time a child was breast-fed is greater than the age of the child, or 2) determining that age given in the Household Questionnaire is not the same (or within a year) of the age calculated from the date of birth. Examples of conditions which would trigger **warnings** include highly unusual but feasible values. Cases such as weekly food expenditures per household member of less than \$5 or more than \$75, or persons older than 97 years of age constitute examples of warning edit checks.<sup>18</sup>

Particular attention was given to the intake information in the cleaning effort. To ensure that unrealistic summary data were not being derived from the calculated nutritional variables, several tiers of parameter checking were employed. Many of these "reasonableness" checks were based upon empirical values arising from other USDA surveys. These special checks included:

- **Gram warnings by individual food and day totals**

Unusually large consumption of individual food items or of total intake for an individual, relative to his or her age and sex peers, triggered a look up of the data recorded in the primary documents for the age-calibrated upper cut-off values for

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<sup>18</sup> The Range and Logic Checks applied for Year 3 can be found in the Computer Processing and Quality Control Documentation 1991, Appendix G and H.

individual food items). The empirical cut-offs for total grams of food consumed in one day were:

<u>Age Category</u>	<u>Total Maximum Grams</u>
Children 0 to 11 years	2274.76
Males 12+ years	3806.51
Females 12+ years	2835.19

- **Extreme value warnings for key nutrition elements**

Empirically-derived extreme values were set for seven major nutrients and food energy for three age groupings—children (0 to 11 years), males (12 years and over) and females (12 years and over). The cut-off values against which each day totals of intake are checked are as follows:

<u>Nutrients</u>	<u>Units</u>	<u>Children 0 to 11 Years</u>	<u>Males 12+ Years</u>	<u>Females 12+ Years</u>
Food energy	Kilocalories	2,761.000	4,108.950	2,806.000
Protein	Grams	110.815	172.400	120.200
Fat	Grams	129.100	209.585	142.700
Vitamin A	IU	11,727.700	17,411.250	14,772.000
Vitamin E	Alpha-TE	30.000	50.000	50.000
Vitamin C	Milligrams	200.000	242.000	221.000
Vitamin B-12	Milligrams	7.911	11.649	7.970
Calcium	Milligrams	1,582.150	1,953.900	1,372.000

- **Height and weight warnings**

Another set of reasonableness reviews involved checking unusual height/weight configurations within ten age groupings. Any height measurements or weight measurements outside the ranges specified below were looked up in the source documents and corrected in the file, if in error.



	<u>Height in Inches</u>		<u>Weight in Pounds</u>	
	<u>Low</u>	<u>High</u>	<u>Low</u>	<u>High</u>
Under 1 year	14	33	6	30
1 to 3 years	18	43	20	49
4 to 6 years	28	54	30	72
7 to 10 years	36	61	40	111
11 to 14 years	49	71	61	167
15 to 18 years	59	76	92	208
19 to 22 years	59	76	95	229
23 to 50 years	60	76	97	249
51 to 75 years	59	76	100	239
76+ years	59	74	85	204

- **Extreme value warnings for calcium consumptions**

Any large amounts of typical intake in Question 17 of the DAY 3 record were visually reviewed. The amounts, reported in cups, used to prompt a data review are shown below:

<u>Description</u>	<u>Day</u>	<u>Cups per Week</u>	<u>Month</u>
Milk as a beverage	8.000	56.000	240.000
Milk on cereal	3.000	21.000	90.000
Milk in coffee, tea, other	3.000	21.000	90.000

5. The cleaned and expanded data were then ordered in the final format and given a final review

The last stage of CSFII data processing was preparation of the final file for completed interviews. This involved expansion and ordering of the survey database. First, the coded food information for each participating individual in a household was expanded into Basic nutritional elements and summarized as day totals and as three-day averages. There were 29 nutritional components associated with every food line item of data. These are shown in Table V-3. The data for each of the 29 elements were totaled (across line items) for every completed daily intake record for every individual in the household. In addition, the daily totals for selected nutrients were reported as ratios to the RDAs (calibrated for age and sex) for each individual (see Table V-4).

Next, the final output was ordered hierarchically in a convention compatible with USDA requirements. Data were arrayed in five-digit

### TABLE V-3

#### NUTRITIONAL ELEMENTS AND THEIR UNITS OF MEASUREMENT REPORTED FOR EACH COMPLETED INDIVIDUAL INTAKE RECORD

*Food energy* —kilocalories  
*Protein* —grams  
*Total Fat* —grams  
*Saturated Fatty Acids* —grams  
*Monounsaturated Fatty Acids* —grams  
*Polyunsaturated Fatty Acids* —grams  
*Cholesterol* —milligrams  
*Carbohydrate* —grams  
*Total Dietary Fiber* —grams  
*Alcohol* —grams  
*Vitamin A* —IU (international units)  
*Vitamin A* —RE (micrograms retinol equivalents)  
*Carotenes* —RE (micrograms retinol equivalents)  
*Vitamin E* —Alpha-TE (milligrams alpha-tocopherol equivalents)  
*Vitamin C* —milligrams  
*Thiamin* —milligrams  
*Riboflavin* —milligrams  
*Niacin* —milligrams  
*Vitamin B-6* —milligrams  
*Folate* —micrograms  
*Vitamin B-12* —micrograms  
*Calcium* —milligrams  
*Phosphorus* —milligrams  
*Magnesium* —milligrams  
*Iron* —milligrams  
*Zinc* —milligrams  
*Copper* —milligrams  
*Sodium* —milligrams  
*Potassium* —milligrams

**TABLE V-4**

**NUTRIENTS FOR WHICH PERFORMANCE  
AGAINST RDAS CALCULATED**

*Food energy* —kilocalories

*Protein* —grams

*Vitamin A* —IU (International units)

*Vitamin A* —RE (Micrograms Retinol Equivalents)

*Vitamin E* —Alpha-TE (alpha-tocopherol  
equivalent)

*Vitamin C* —milligrams

*Thiamin* —milligrams

*Riboflavin* —milligrams

*Niacin* —milligrams

*Vitamin B-6* —milligrams

*Folate* —micrograms

*Vitamin B-12* —micrograms

*Calcium* —milligrams

*Phosphorus* —milligrams

*Magnesium* —milligrams

*Iron* —milligrams

*Zinc* —milligrams

sequence number order by wave and sample type. Within a household the lead record represented the information from the household questionnaire. Nested under that was individual-specific data followed by up to three days of intake information. The intake records themselves were nested by day and within day by line item nutrient information. This information was followed by day total summary nutrient data. These data were organized by "record type" as follows:

- **Record Type 15**

This record type consists of general household characteristic data. There is one Record Type 15 per household.

- **Record Type 20**

This record type contains general household characteristic and personal data, but no intake data. There is one Record Type 20 for every member of the household.

- **Record Type 30**

This record type contains individual intake data that describe each food line. There is one Record Type 30 for each individual food item listed in the intake file. No changes in this record format were required for CSFII 1991.

- **Record Type 40**

This record type contains the individual's daily nutrient intake expressed as a percentage of the Recommended Daily Allowances for his/her age group and as an absolute level of intake. There is one Record Type 40 for each day of intake per individual, plus one record which is an average for all intake days, when multiple days of intake were reported. No changes in this record format were required for CSFII 1991.

Three types of data checks were performed before the individual record type files were merged. These were final range, logic and reasonableness checks:

- **Range Checks**

A range check of all data fields with defined values was performed by reviewing printouts of frequency distributions. All fields were verified to ensure that only valid answers appear in the output data fields.

- **Logic Checks**

A logic check of all data fields which were dependent on information from other data fields was performed. This was done using a series of SAS programs that independently verified the output data. All fields were verified to ensure that the proper skip patterns were followed, that the appropriate number of records were present for each household and that the data were consistent across the file.

- **Reasonableness Checks**

A reasonableness check of data fields with undefinable values was performed by identifying extremes of the frequency distributions and, then, by inspecting all documents with the suspect data.

The final format for the output of the CSFII interview data set is found in Appendix D.<sup>19</sup>

B. Creation of the screening data file parallels the work for the CSFII interview file.

One of the critical data files emerging from this survey effort is the screening file. These data represent an accounting of all the sample housing units involved in the CSFII sample. Such information is necessary for determining completion rates and weighting factors. Information collected by the interviewers about every household, as well as the results of calls at those addresses, is contained in the file. As shown in Exhibit V-1, the processing of the CSFII screening/call report form data set moved in parallel with that of the handling of the interview data file.

The screening form information is comprised of several data elements. The data associated with completed interviews contain segment and housing unit information, household composition and eligibility data, outcome data identified for every attempted contact with the household and information about the presence (or absence) of intake records. The data present in the screening data set associated with housing units where interviews were not completed varied according to the reasons for noninterviews. For all noninterview screenings, there were data for segment and housing unit and for attempted results-of-call. Other data elements which may be present

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<sup>19</sup> This format is also available in Appendix L of the Computer Processing and Quality Control Documentation 1991.

include household composition information, eligibility data, and household descriptive data (e.g., race).

During different stages of post-field processing, the screening data associated with completed CSFII interviews and nonresponse screenings were handled separately. In the final stage, all screening data were brought together and a unitary file for each wave was prepared. These post-field handling and processing steps are described below.

1. Screening documents were first entered into the central interview control file

As previously described, completed CSFII 1991 interviews were logged into the control file with their attendant completed Screening Forms. Nonresponse Screening Forms were entered independently. Interviewers were advised to return these documents on a regular basis in small packs of 4 to 6.

As with the interviews, nonresponse screening documents generally were given initial attention within a day of their receipt in the Philadelphia office. Before entry they were examined and those that were incomplete were held for review with interviewers. Those that passed inspection were assigned unique sequence identification numbers as shown below:

**NONINTERVIEW SCREENING FORM  
NUMBER SEQUENCE**

<u>WAVE</u>	<u>BASIC</u>	<u>LOW INCOME</u>
1	37001-37304	90001-91038
2	37601-37832	92001-92878
3	38001-38290	93001-93872
4	38501-38761	94001-95154

In addition to assigning sequence numbers, the check-in system identified a portion of the nonresponse screenings to be validated.

2. Reviewers examined and coded screening documents according to procedures established for this survey

Reviewers coded the screening documents associated with completed interviews when reviewing those data sets. Nonresponse Screening

Forms were coded separately following established procedures, outlined in the review manual titled **CSFII Nonresponse Screening Form manual**.<sup>20</sup> In addition to preparing the document for key entry, reviewers examined the reasons for nonresponse among eligible households. If there were conditions that indicated follow-up might yield an interview, (e.g., the interviewer thought a central office call verifying the legitimate purpose of the survey would help), then the reviewer put the form aside for further field action. Any conversions to interviews were re-entered in the control system as part of completed interview data sets.

3. Nonresponse screenings were keyed using standard survey research entry systems

All Screening Form information was key entered using the ACCESS entry system. Screenings associated with completed interviews were entered with their relevant household data while nonresponse screening data were processed and verified in batches of 25 documents. The data were entered onto diskettes and then cumulated into a single file for each wave and sample type.

The results of call for all attempted contacts up to the last one were entered as a separate activity and then the data were merged into the existing relevant files.

4. Nonresponse screening documents were edited for integrity and completeness

The data set for each wave was subjected to computerized edit checking as a whole. These checks addressed the logic of skip patterns, range checks and comprehensiveness of coverage. The latter was aimed at assuring all sample housing units were accounted for and that no duplicate entries were noted among the nonresponse screenings.

5. The last processing step wedded the screening information from both the nonresponse and participating households into a single file

To prepare the screening data file for each wave, the screening data associated with completed interviews and the nonresponse screening data file were combined. This merged file was ordered by housing unit numbers within segment number order for each sample type.

A final set of edit checks was performed on the combined file: 1) to verify that all the defined data fields were within acceptable ranges,

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See Survey Operations Report, 1989, Appendix L for a copy of the manual.

2) to determine that skip patterns were followed, and 3) to ensure that all sample housing units were accounted for without duplication.

C. The programs and procedures developed earlier were used to handle the automated and in-person 1991 DHKS interview data files

As the DHKS interview activity was a totally new addition to the survey effort in 1989, new protocols and programs were developed prior to the onset of that data collection effort to handle this portion of the research. The 1990 system was modified slightly to process the revised 1991 DHKS questionnaires which were collected both electronically by telephone and in hard copy in the field. The existing system then merged and processed the two data sets. Unlike the CSFII files where separate interview and screening data sets were created, for the DHKS a single merged file by wave was produced which contained both completed interviews and call report information from noninterviewed households. For each wave, a combined Basic and Low-Income survey file was produced. These activities are described below.

1. The central field control file was adapted to track completed DHKS household contacts

The check-in system used to control the CSFII portion of the survey was adapted to maintain control over the DHKS survey effort. All completed hard-copy questionnaires and nonresponse call report forms from the field were logged into the system.

Precoded information from the DHKS interviews completed by telephone was recorded directly onto diskettes and cumulated in the "raw" data file. Verbatim responses to open-ended questions were printed out by sequence number and forwarded for coding. Hard-copy questionnaires were forwarded directly to review personnel for a complete edit and code.

2. Documents were coded using the framework developed from the first wave of interviews

We revised the previously-approved DHKS coding manual to reflect the changes in the 1991 questionnaire. The previously established coding structures developed for the open-ended and the partially-open responses were retained.

3. DHKS data were key entered and cleaned using standard survey research data handling programs

The hard-copy DHKS questionnaires and nonresponse call report forms were key entered and 100% verified using the ACCESS entry system. Data from the hard-copy documents were merged with



telephone questionnaire data to create one consolidated file. As with many of the other data files, the DHKS files were organized in sequence and assigned a five-digit number for each wave and for each sample type.

The consolidated file was edited using the UNCLE survey data cleaning program, a proprietary survey/marketing research cleaning and tabulation package. The data were cleaned to assure that all the skip patterns were followed, that only legitimate responses were recorded, and that the information could be linked correctly to previously-interviewed CSFII households.

D. The nonresponse follow-up survey data were processed using standard survey research procedures and systems

Handling of the nonresponse follow-up questionnaires in the two waves of the 1991 study was identical with the effort in CSFII 1990. Reviewers visually inspected the completed forms as they were received and entered them. The UNCLE data editing package was used to clean the file and then a single unified data file for each semi-annual survey was submitted to HNIS. A copy of the final file format is included in Appendix E. Each was accompanied by a written analytic report.

## VI SURVEY PROBLEMS AND STEPS TAKEN TO ADDRESS THEM

During the first and second quarters of CSFII 1991 USDA became increasingly concerned about the dropping response rates, data quality, and schedule slippage. Booz•Allen & Hamilton responded to USDA's concerns by proposing and then implementing a corrective action plan. This chapter describes the problems encountered and the actions subsequently taken to address them.

### A. Response rates were not as high as desired

As shown in Table IV-15 during the first and second quarters of CSFII 1991 survey response rates were declining. The household response rates for the two quarters were 59.7% and 67.8% and only 67.9% and 57.0% of the total individuals in those households were completing all three days of intakes. Thus, the overall combined response rate for all three days was 40.5% (59.7% times 67.9%) in the first quarter and 38.65% (67.8% times 57.0%) in the second. The combined household and Day 1 response rates also were only 51.7% and 56.1% overall.

### B. Data Quality was unknown

Because the final tapes for CSFII 1989 and the preliminary tapes for CSFII 1990 had not yet been delivered to USDA, there was concern about the quality of data on those tapes and concern about the ability of the contractor team to deliver the required final output. With only the CSFII 1989 preliminary data to judge, USDA was concerned about the quality of the food coding on the various tapes.

### C. Processing of questionnaires was too delayed

To keep the interviewing on schedule considerable management time was devoted to the field work. The size and complexity of the field work required the dedicated attention of a senior manager. As a consequence, the processing functions were not the focus of senior management review.

Mid-level management made several attempts to increase processing rates. Efforts to increase processing by training new staff had not worked out well. Too many inexperienced staff could not identify the correct food code to assign in questionable situations. It seemed that the "art" of knowing the right food code to use was only learned through years of experience. Additionally, mid-level management requests for better computers and LAN capability were unanswered. This meant that the processing was performed using 1985 computer technology, thus not allowing reduced wait times, efficient data transfer, and other benefits of 1990 technology to be realized.

- D. To address these problems Booz•Allen & Hamilton brought in a new management team that analyzed the situation and prepared a corrective action plan

In August 1991 Booz•Allen & Hamilton replaced the National Analysts management team with a team from its Technology Center. This team, consisting of persons familiar with survey research techniques and systems, reviewed all aspects of the survey to determine the causes of the problems identified by USDA and by other Booz•Allen personnel. Within a few weeks a Corrective Action Plan, as called for by USDA, was presented to USDA and Census personnel.

- E. The Corrective Action Plan called for increased payments to interviewers, tougher management of interviewers, new processing techniques, and additional weekly reports

Increasing the motivation of interviewers to obtain completed interviews was the backbone of the corrective action plan. A combination of better pay and tougher management were the keys to the plan. Specific changes in compensation to interviewers for the third quarter of CSFII 1991 were:

- Pay increased \$5 for completed household interviews;
- \$25 per household bonus was given for getting completed Day 2 and Day 3 interview from the mail meal planner
- \$10 bonus where all 3 days of intakes were collected from all household members
- Mileage increased to \$0.25 per mile.

Based on the results of the third quarter, one additional compensation change was instituted for the final quarter. This change was to pay \$10 for each additional Day 2&3 intake per person per household.

Management oversight also changed in several ways. All interviewers' productivity was reviewed and unproductive interviewers were no longer given assignments. Additionally, the best interviewers were assigned significantly more households to interview. At the same time the quality of the completed questionnaires sent by interviewers were assessed and those interviewers with the most problems were sent reprimands and constructive criticisms. Finally, a program of weekly contact with each interviewer to ensure that progress was being made and quality improved was initiated.<sup>21</sup>

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<sup>21</sup> Previously interviewers were expected to call in regularly, but many did not. Thus, contact with most of the interviewers occurred on a haphazard schedule.

The second part of the corrective action plan addressed processing issues in the Philadelphia office. Because the receipt of questionnaires in the Philadelphia office fluctuated from none to as many as 60 per day, the time between receipt of a questionnaire and its review could be anywhere from the same day to many days. Often a field editor would call an interviewer seeking clarification of problems with an interview only to discover that the interview had taken place so long ago that the interviewer could not help solve the problem. To solve this problem management insisted on all interviews being edited within 24 hours of receipt in Philadelphia.<sup>22</sup>

The second change instituted as part of the corrective action plan was the requirement that documents be coded within 72 hours of completing the field review. Again, coders sometimes found problems with documents after they had been through field editing, and only if interviewers and respondents were contacted while the interview was still fresh could the problem be resolved.

The third change instituted with the corrective action plan was the development of two additional weekly progress reports. These reports provided comprehensive summary information about response rates and processing activities.

F. After obtaining USDA approval, the Booz•Allen management team implemented the corrective action plan

USDA approved these changes in late September. The September corrective actions were implemented immediately and within weeks improvement was noted. Additional changes were proposed in late October. The October proposals were implemented in early December.

These additional management and processing changes were implemented to take advantage of advanced computer technology. Greater use of computer technology allowed the management to consolidate positions and increase interviewer accountability. Actions taken included:

- The field and coding activities were combined under one manager.
- The editing and coding functions were combined in individuals with all the requisite skills and each individual was assigned a set of interviewers to manage.
- The data entry staff who previously entered household and screener data were replaced with the editor-coders who used the computer programs previously used by the data entry staff.

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<sup>22</sup> This required payment of overtime to field editors. These costs, like all additional costs associated with the corrective actions, were borne by Booz•Allen but not by USDA.

- All editor-coders were given access to LAN technology and many used upgraded PCs (386 machines) to (1) eliminate the need to track hundreds of diskettes, (2) reduce the wait for the machine to find food codes, and (3) speed up data transfer.<sup>23</sup>

The results of these changes were increased response rates and better quality data in the last six months of CSFII 1991.

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23

For more information about the systems used previously and the changes made see Computer Processing and Data Quality Control Documentation.

**THE CONTINUING SURVEY OF FOOD INTAKES  
BY INDIVIDUALS AND THE DIET AND  
HEALTH KNOWLEDGE SURVEY**

**- 1991 -**

**SURVEY OPERATIONS REPORT**

**APPENDICES**

Prepared for:

**HUMAN NUTRITION INFORMATION SERVICE  
UNITED STATES DEPARTMENT OF AGRICULTURE**

Prepared by:

**Booz • Allen & Hamilton Inc.**

**January 21, 1993**

## **APPENDIX A**





S3. Are you the person most responsible for planning or preparing the meals?

Yes	1
No	2

IF **YES**: RECORD NAME OF RESPONDENT: \_\_\_\_\_

IF **NO**: ASK TO SPEAK WITH PERSON MOST RESPONSIBLE FOR PLANNING OR PREPARING MEALS AND REPEAT INTRODUCTION. MAKE APPOINTMENT TO COME BACK, IF NECESSARY

BEGIN INTERVIEW WITH MEAL PLANNER/PREPARER

HOUSEHOLD RESULT OF CALL RECORD

CALL #	DATE	TIME	AM	PM	RESULT CODE* (SEE BELOW)	RECORD REASONS HERE
1			1	2		
2			1	2		
3			1	2		
4			1	2		
5			1	2		
6			1	2		
7			1	2		
8			1	2		
9			1	2		
10			1	2		
11			1	2		
12			1	2		

\*Household Result of Call Codes

1. Interview completed
2. Screening completed, interview appointment made
3. Screening completed, interview appointment not yet made
4. DO NOT USE
5. Screening completed, household refused participation (RECORD REASONS ABOVE)
6. Telephone busy (CALL AGAIN IN 1/2 HOUR)
7. Telephone out of order
8. Screening refused (RECORD REASONS ABOVE)
9. Screening appointment made (RECORD DATE/TIME ABOVE)
10. No one home/No answer after 10 rings
11. Language barrier (IDENTIFY LANGUAGE ABOVE)
12. Vacant/Not a housing unit
13. Other (SPECIFY ABOVE)

IF FINAL  
RESULT,  
ANSWER  
NON-  
RESPONSE  
QUESTIONS  
ON PAGE 4

INDIVIDUAL INTAKE RESULT OF CALL RECORD

PERSON LINE #	PERSON'S FIRST NAME	DAY 1 RECORD (CIRCLE CODE FOR EACH PERSON)			DAY 2 & 3 RECORD (CIRCLE CODE FOR EACH PERSON)		
		OBTAINED	NOT OBTAINED:	REASON	OBTAINED	NOT OBTAINED:	REASON
01		1	2		1	2	
10-11		12			13		
02		1	2		1	2	
14-15		16			17		
03		1	2		1	2	
18-19		20			21		
04		1	2		1	2	
22-23		24			25		
05		1	2		1	2	
26-27		28			29		
06		1	2		1	2	
30-31		32			33		
07		1	2		1	2	
34-35		36			37		
08		1	2		1	2	
38-39		40			41		
09		1	2		1	2	
42-43		44			45		
10		1	2		1	2	
46-47		48			49		
11		1	2		1	2	
50-51		52			53		
12		1	2		1	2	
54-55		56			57		
13		1	2		1	2	
58-59		60			61		
14		1	2		1	2	
62-63		64			65		
15		1	2		1	2	
66-67		68			69		
16		1	2		1	2	
70-71		72			73		

END CARD 02

TRANSMITTAL FORM

<p><u>Cooperating Household</u></p> <p>↓</p> <p>YOU ARE ENCLOSING:</p> <p><input type="checkbox"/> Screening Form</p> <p><input type="checkbox"/> Household Questionnaire</p> <p><input type="checkbox"/> Respondent Payment Record</p> <p># _____ Day One Intake Records</p> <p># _____ Day Two/Three Intake Records</p>	<p><u>Noncooperating Household</u></p> <p>↓</p> <p>YOU ARE ENCLOSING:</p> <p><input type="checkbox"/> Screening Form only (Nonresponse questions on page 4 completed)</p>
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**INTERVIEWER: PLEASE COMPLETE THESE QUESTIONS IF FINAL HOUSEHOLD RESULT OF CALL ON PAGE 2 IS A CODE 5 THROUGH 11 OR CODE 13. ANSWER Q's 4 TO 9 BASED ON YOUR CONTACT WITH THE HOUSEHOLD. IF YOU HAVE NOT MADE CONTACT, GET INFORMATION FROM A NEIGHBOR**

1. Describe in detail why this household is nonresponsive or not willing to participate in the survey.
2. Who, if anyone, did you speak with? What is this person's name and who is she/he in the household (e.g., son of female head, main meal planner/preparer)?

NAME: \_\_\_\_\_ POSITION: \_\_\_\_\_

Did not/Could not speak with anyone in the household	1	10
Was refused permission to enter building -- never got to the specific housing unit	2	

3. What might we do or say to complete a screening or have this household participate in the survey?

4. To the best of your knowledge, would you say this household is:

White, or	1	11
Nonwhite?	2	

5. To the best of your knowledge, would you say this household is of:

Spanish origin, or	1	12
Non-Spanish origin?	2	

**ANSWER Q's 6 TO 9 ONLY IF YOU COULD NOT COMPLETE SCREENING QUESTIONNAIRE**

6. In your judgment, is the male head of household:

Under 50 years, or	1	13
50 years old or older?	2	

7. In your judgment, is the female head of household (woman of the house):

Under 50 years, or	1	14
50 years old or older?	2	

8. To the best of your knowledge, are there any children in the household 18 years old or less?

Yes	1	15
No	2	

9. In your judgment, is this household:

Very well off,	1	16
Middle income, or	2	
Not well off at all?	3	



(S2a.) (CIRCLE # OF PEOPLE IN HOUSEHOLD FROM Q.S1 IN INCOME GRID BELOW) What was the total income received last month by all members of this household before taxes and other deductions? Do not include food stamps or WIC (Women, Infants and Children Program) benefits. Do include salaries and wages, Social Security, other benefit checks and the like. (RECORD AMOUNT IN BOX FOR MONTHLY INCOME BELOW NUMBER OF PERSONS CIRCLED)

Number of People <small>43-44</small>	1	2	3	4	5	6	7	8	9	10
Monthly Income										
Income Limit <small>45-48</small>	\$717	\$962	\$1,207	\$1,452	\$1,696	\$1,941	\$2,186	\$2,431	\$2,676	\$2,921
Number of People	11	12	13	14	15	16	17	18	19	20
Monthly Income										
Income Limit	\$3,166	\$3,410	\$3,655	\$3,900	\$4,145	\$4,390	\$4,634	\$4,879	\$5,124	\$5,369

- IF INCOME RECORDED IS **GREATER THAN** INCOME LIMIT FOR NUMBER OF PEOPLE IN HOUSEHOLD, **TERMINATE** — HOUSEHOLD RESULT OF CALL CODE 4
- IF INCOME IS **SAME OR SMALLER**, **CONTINUE** WITH Q.S3

(S3.) Are you the person most responsible for planning or preparing the meals?

Yes	1
No	2

IF **YES**: RECORD NAME OF RESPONDENT: \_\_\_\_\_

IF **NO**: ASK TO SPEAK WITH PERSON MOST RESPONSIBLE FOR PLANNING OR PREPARING MEALS AND REPEAT INTRODUCTION. MAKE APPOINTMENT TO COME BACK, IF NECESSARY

BEGIN INTERVIEW WITH MEAL PLANNER/PREPARER

50-51 52-55 56-59 60 HOUSEHOLD RESULT OF CALL RECORD 61-62

CALL #	DATE	TIME	AM	PM	RESULT CODE* (SEE BELOW)	RECORD REASONS HERE
1			1	2		
2			1	2		
3			1	2		
4			1	2		
5			1	2		
6			1	2		
7			1	2		
8			1	2		
9			1	2		
10			1	2		
11			1	2		
12			1	2		

\*Household Result of Call Codes

1. Household eligible, interview completed
2. Household eligible, interview appointment made
3. Household eligible, interview appointment not yet made
4. Household ineligible, income too high (Q.S2a)
5. Household eligible, participation refused (RECORD REASONS ABOVE)
6. Telephone busy (CALL AGAIN IN 1/2 HOUR)
7. Telephone out of order
8. Screening refused before eligibility determined (RECORD REASONS ABOVE)
9. Screening appointment made (RECORD DATE/TIME ABOVE)
10. No one home/No answer after 10 rings
11. Language barrier (IDENTIFY LANGUAGE ABOVE)
12. Vacant/Not a housing unit
13. Other (SPECIFY ABOVE)

IF FINAL RESULT, ANSWER NON-RESPONSE QUESTIONS ON PAGE 4

INDIVIDUAL INTAKE RESULT OF CALL RECORD

PERSON LINE #	PERSON'S FIRST NAME	DAY 1 RECORD (CIRCLE CODE FOR EACH PERSON)		DAY 2 & 3 RECORD (CIRCLE CODE FOR EACH PERSON)	
		OBTAINED	NOT OBTAINED: REASON	OBTAINED	NOT OBTAINED: REASON
01 10~11		1 12	2	1 13	2
02 14~15		1 16	2	1 17	2
03 18~19		1 20	2	1 21	2
04 22~23		1 24	2	1 25	2
05 26~27		1 28	2	1 29	2
06 30~31		1 32	2	1 33	2
07 34~35		1 36	2	1 37	2
08 38~39		1 40	2	1 41	2
09 42~43		1 44	2	1 45	2
10 46~47		1 48	2	1 49	2
11 50~51		1 52	2	1 53	2
12 54~55		1 56	2	1 57	2
13 58~59		1 60	2	1 61	2
14 62~63		1 64	2	1 65	2
15 66~67		1 68	2	1 69	2
16 70~71		1 72	2	1 73	2

TRANSMITTAL FORM

<p><u>Cooperating Household</u></p> <p>↓</p> <p>YOU ARE ENCLOSING:</p> <p><input type="checkbox"/> Screening Form</p> <p><input type="checkbox"/> Household Questionnaire</p> <p><input type="checkbox"/> Respondent Payment Record</p> <p># <input type="checkbox"/> Day One Intake Records</p> <p># <input type="checkbox"/> Day Two/Three Intake Records</p>	<p><u>Noncooperating Household</u></p> <p>↓</p> <p>YOU ARE ENCLOSING:</p> <p><input type="checkbox"/> Screening Form only (Nonresponse questions on page 4 completed)</p>
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**NONRESPONSE QUESTIONS**

**INTERVIEWER: PLEASE COMPLETE THESE QUESTIONS IF FINAL HOUSEHOLD RESULT OF CALL ON PAGE 2 IS A CODE 5 THROUGH 11 OR CODE 13. ANSWER Q'S 4 TO 9 BASED ON YOUR CONTACT WITH THE HOUSEHOLD. IF YOU HAVE NOT MADE CONTACT, GET INFORMATION FROM A NEIGHBOR**

1. Describe in detail why this household is nonresponsive or not willing to participate in the survey.

2. Who, if anyone, did you speak with? What is this person's name and who is she/he in the household (e.g., son of female head, main meal planner/preparer)?

NAME: \_\_\_\_\_ POSITION: \_\_\_\_\_

Did not/Could not speak with anyone in the household	1
Was refused permission to enter building -- never got to the specific housing unit	2

3. What might we do or say to complete a screening or have this household participate in the survey?

4. To the best of your knowledge, would you say this household is:

White, or	1
Nonwhite?	2

5. To the best of your knowledge, would you say this household is of:

Spanish origin, or	1
Non-Spanish origin?	2

**ANSWER Q'S 6 TO 9 ONLY IF YOU COULD NOT COMPLETE SCREENING QUESTIONNAIRE**

6. In your judgment, is the male head of household:

Under 50 years, or	1
50 years old or older?	2

7. In your judgment, is the female head of household (woman of the house):

Under 50 years, or	1
50 years old or older?	2

8. To the best of your knowledge, are there any children in the household 18 years old or less?

Yes	1
No	2

9. In your judgment, is this household:

Very well off,	1
Middle income, or	2
Not well off at all?	3





DUP 1~5  
 CARD 08 6~7

Line #	Col. A	Col. B	Col. C		Col. D		Col. E	Col. F	
	First Name	Relation- ship to Head of Household	Age		Sex		Race	Hispanic Origin	
			Under 12 Months	1 Year or Over	M	F		Yes	No
			Enter Months	Enter Years					
1 10-11		12-13	14-15	16-17	1	2	19	1	2
2					1	2		1	2
3					1	2		1	2
4					1	2		1	2
5					1	2		1	2
6					1	2		1	2
7					1	2		1	2
8					1	2		1	2
9					1	2		1	2
10					1	2		1	2
11					1	2		1	2
12					1	2		1	2
13					1	2		1	2
14					1	2		1	2
15					1	2		1	2
16					1	2		1	2

LEFT FLAP

1. Let's begin by talking about the general food shopping practice of this household. On the average, how often does someone do a major food shopping for this household? Would you say:

More than once a week,	1
Once a week,	2
Once every two weeks,	3
Once a month or less, or	4

(SKIP TO Q.4) Never? 5

2. In what kind of store is this major food shopping usually done? Is it:

A supermarket,	1
A small store, or	2
Someplace else?	3

3. Thinking of the (TYPE OF OUTLET NAMED IN Q.2) where the major food shopping for this household is usually done, how far from your home is this store? (PROBE FOR BLOCKS OR MILES FROM HOME)

(WRITE #) (CIRCLE)

Blocks, or	1
Miles	2
Don't know	8

4. How much money has this household spent per week or per month during the last three months at the grocery store? Include purchases made with food stamps. (ENTER AMOUNT AND CIRCLE A CODE)

Per week	1
Per month	2

\$ \_\_\_\_\_ .00

5. You said this household spent (AMOUNT IN Q.4) per (week/month). About how much of this amount, if any, was for nonfood items, such as cleaning or paper products, food bought for feeding a pet or cigarettes? (ENTER AMOUNT AND CIRCLE A CODE. IF NONE, ENTER "0")

Per week	1
Per month	2

\$ \_\_\_\_\_ .00

6. How much has this household spent per week or per month during the last three months at specialty stores -- such as bakeries, liquor stores, delicatessens, meat markets, vegetable stands, health food stores, and other similar places? Include any expenditures from carryout places when the food was brought into your home. (ENTER AMOUNT AND CIRCLE A CODE. IF NONE, ENTER "0")

Per week	1
Per month	2

\$ \_\_\_\_\_ .00

7. What has been this household's usual amount of money spent per week or per month during the last three months for food bought and eaten away from home? Include food and beverages that never entered your home, that is, eaten at restaurants, fast-food eating places, cafeterias at work or at school, purchased from vending machines, or received from day care centers, for all household members. (ENTER AMOUNT AND CIRCLE A CODE. IF NONE, ENTER "0")

Per week	1
Per month	2

\$ \_\_\_\_\_ .00

8. Now I have a few questions about the persons who live in this household. First, how many persons regularly live in this household? Count those who live here permanently including those who are temporarily absent, such as traveling or in the hospital.

(ENTER NUMBER HERE: AND CIRCLE LINE # ON FLAP)

9. Is there a male head of household?

Yes	1
(SKIP TO Q.15) No	2

10. What is (his/your) first name?  
(RECORD ON FLAP IN COL. A.  
WRITE "MALE HEAD" IN COL. B)

11. How old (is he/are you)?  
(RECORD ON FLAP IN COL. C.  
CIRCLE "1" IN COL. D)

12. What is the highest grade or year of regular school (he has/you have) ever attended?  
(CIRCLE CODE FOR HIGHEST GRADE OR YEAR)

(SKIP TO Q.14) Never attended school or kindergarten only: 0

Elementary: 1 2 3 4 5 6 7 8

High school: 9 10 11 12

College: 1 2 3 4 5+

13. Did (he/you) complete that grade or year?

Yes	1
No	2

14. (SHOW CARD A) What is (the race of the male head of household/your race)? Just tell me the number that applies. (RECORD ON FLAP IN COL. E)

15. Is there a female head of household? (IF NECESSARY, SAY: For the purposes of this survey, the female head of household is the woman who other household members think of as being in charge of household matters, that is, the woman of the house.)

Yes	1
(SKIP TO INSTRUCTIONS BEFORE Q.22) No	2

16. What is (your/her) first name?  
(RECORD ON FLAP IN COL. A.  
WRITE "FH" IN COL. B)

17. (IF NO MALE HEAD, SKIP TO Q.18. OTHERWISE, ASK:)  
  
How are you (is she) related to (PERSON LISTED ON LINE 1)?  
  
(RECORD ON FLAP IN COL. B)

18. How old (are you/is she)?  
(RECORD ON FLAP IN COL. C.  
CIRCLE "2" IN COL. D)

19. What is the highest grade or year of regular school (you have/she has) ever attended?  
(CIRCLE CODE FOR HIGHEST GRADE OR YEAR)

(SKIP TO Q.21) Never attended school or kindergarten only: 0

Elementary: 1 2 3 4 5 6 7 8

High school: 9 10 11 12

College: 1 2 3 4 5+

20. Did (you/she) complete that grade or year?

Yes	1
No	2

21. (SHOW CARD A) What is (the race of the female head of household/your race)? Just tell me the number that applies. (RECORD ON FLAP IN COL. E)

**IF NUMBER OF PERSONS RECORDED ON FLAP  
EQUALS NUMBER OF PERSONS GIVEN  
IN Q.8, SKIP TO Q.26. OTHERWISE,  
CONTINUE**

22. Now I would like to know about the other related people who regularly live here, starting with the oldest, and so on to the youngest. Start with the oldest.

- 1) What is his or her first name? (RECORD ON FLAP IN COL. A)
- 2) How is (NAME) related to (PERSON LISTED ON LINE 1)?  
(RECORD ON FLAP IN COL. B)
- 3) How old is (NAME)? (RECORD ON FLAP IN COL. C)
- 4) (CIRCLE CODE FOR SEX IN COL. D ON FLAP; SAY:) "Now the next oldest"

**IF NUMBER OF PERSONS RECORDED ON  
FLAP EQUALS NUMBER OF PERSONS GIVEN  
IN Q.8, SKIP TO INSTRUCTIONS BEFORE  
Q.24; OTHERWISE, CONTINUE**

23. Now tell me about the rest of the persons who regularly live here. (FOLLOW PROCEDURE USED IN Q.22 UNTIL NUMBER OF PEOPLE LISTED ON FLAP EQUALS NUMBER GIVEN IN Q.8)

**LOOK AT COL. E ON FLAP:**

- IF THERE ARE BOTH A MALE HEAD AND A FEMALE HEAD
  - AND THE CODE NUMBERS IN COL. E ARE DIFFERENT, SKIP TO Q.25
  - AND THE CODE NUMBERS IN COL. E ARE THE SAME, ASK Q.24
- IF THERE IS ONLY A MALE OR A FEMALE HEAD, ASK Q.24

24. Is there anyone in this household that is of a different race than the male or female head?

	Yes	1
(SKIP TO Q.26)	No	2

25. (SHOW CARD A) Which number on this card describes the race of (NAME OF OLDEST)? (REPEAT FOR EACH PERSON AND RECORD ANSWERS ON FLAP IN COL. E)

26. Is there anyone in this household who is of Hispanic (Spanish) origin or descent?

	Yes	1
(SKIP TO Q.28)	No	2

27. Is (PERSON ON LISTED LINE #) of Hispanic (Spanish) origin or descent? (REPEAT FOR EACH PERSON AND CIRCLE CODE ON FLAP IN COL. F)

28. RECORD RESPONDENT'S LINE NUMBER FROM FLAP HERE: \_\_\_\_\_

LOOK AT FLAP. RECORD NAME OF MALE HEAD IN LEFT COLUMN AND FEMALE HEAD IN RIGHT COLUMN BELOW. THEN FIND ALL OTHER HOUSEHOLD MEMBERS WHO ARE 15 YEARS OLD OR OLDER AND RECORD THEIR LINE NUMBER AND NAME AT THE TOP OF THE COLUMNS ON PAGES 5 TO 6. ASK Q's 29 TO 32 IN SEQUENCE FOR EACH

MALE HEAD'S NAME: _____ Line #: _____		FEMALE HEAD'S NAME: _____ Line #: _____																																	
29. (SHOW CARD B) Which of these activities best describes what (you were/ <u>NAME</u> was) doing most during the last week? (CIRCLE ONLY ONE)		29. (SHOW CARD B) Which of these activities best describes what (you were/ <u>NAME</u> was) doing most during the last week? (CIRCLE ONLY ONE)																																	
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GO TO NEXT PERSON OR Q.33		GO TO NEXT PERSON OR Q.33																																	

LINE #: 40-41 NAME: \_\_\_\_\_

29. (SHOW CARD B) Which of these activities best describes what (you were/NAME was) doing most during the last week? (CIRCLE ONLY ONE)

(SKIP TO Q.31a) 42

C O N T I N U E	a. Working	1
	b. Employed but not at work (e.g., on vacation, on strike, sick)	2
	c. Looking for work or on layoff from a job	3
	d. Attending school	4
	e. Keeping house	5
	f. Retired	6
	g. Disabled, unable to work	7
	h. Something else? (SPECIFY)	0

LINE #: 32-53 NAME: \_\_\_\_\_

29. (SHOW CARD B) Which of these activities best describes what (you were/NAME was) doing most during the last week? (CIRCLE ONLY ONE)

(SKIP TO Q.31a)

C O N T I N U E	a. Working	1
	b. Employed but not at work (e.g., on vacation, on strike, sick)	2
	c. Looking for work or on layoff from a job	3
	d. Attending school	4
	e. Keeping house	5
	f. Retired	6
	g. Disabled, unable to work	7
	h. Something else? (SPECIFY)	0

30. In the last week, did (you/NAME) work at all at a paid job or in (your/his/her) own business or farm? 43

	Yes	1
(SKIP TO Q.32)	No	2

30. In the last week, did (you/NAME) work at all at a paid job or in (your/his/her) own business or farm? 53

	Yes	1
(SKIP TO Q.32)	No	2

31a. How many hours did (you/he/she) work at all jobs in the last week? Include all overtime hours that (you/he/she) may have worked and hours on any part-time jobs as well as (your/his/her) principal job. 44-45

# OF HOURS: \_\_\_\_\_

31a. How many hours did (you/he/she) work at all jobs in the last week? Include all overtime hours that (you/he/she) may have worked and hours on any part-time jobs as well as (your/his/her) principal job. 56-

# OF HOURS: \_\_\_\_\_

31b. How many hours do (you/he/she) usually work? 46-47

# OF HOURS: \_\_\_\_\_

31b. How many hours do (you/he/she) usually work? 58-59

# OF HOURS: \_\_\_\_\_

32. (SHOW CARD C) Please tell me which of these comes closest to describing the (usual) work (you do/he does/she does). 48

1 2 3 4 5 6 7 0

32. (SHOW CARD C) Please tell me which of these comes closest to describing the (usual) work (you do/he does/she does). 50

1 2 3 4 5 6 7 0

32a. What is the highest grade or year of regular school (NAME) ever attended? 49-50

GO TO NEXT PERSON OR Q.33

Never attended school or Kindergarten only: 0

Elementary: 1 2 3 4 5 6 7 8

High school: 9 10 11 12

College: 1 2 3 4 5+

32a. What is the highest grade or year of regular school (NAME) ever attended? 61-62

GO TO NEXT PERSON OR Q.33

Never attended school or Kindergarten only: 0

Elementary: 1 2 3 4 5 6 7 8

High school: 9 10 11 12

College: 1 2 3 4 5+

32b. Did (NAME) complete that grade or year? 51

Yes	1
No	2

32b. Did (NAME) complete that grade or year? 51

Yes	1
No	2

GO TO NEXT PERSON OR Q.33

GO TO NEXT PERSON OR Q.33

<p>LINE #: <u>64-65</u> NAME: _____</p> <p>29. (SHOW CARD B) Which of these activities best describes what (you were/<u>NAME</u> was) doing most during the last week? (CIRCLE ONLY ONE)</p> <p>(SKIP TO Q.31a) <span style="float:right">60</span></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>a. Working</td><td style="text-align:right">1</td></tr> <tr><td>b. Employed out not at work (e.g., on vacation, on strike, sick)</td><td style="text-align:right">2</td></tr> <tr><td>c. Looking for work or on layoff from a job</td><td style="text-align:right">3</td></tr> <tr><td>d. Attending school</td><td style="text-align:right">4</td></tr> <tr><td>e. Keeping house</td><td style="text-align:right">5</td></tr> <tr><td>f. Retired</td><td style="text-align:right">6</td></tr> <tr><td>g. Disabled, unable to work</td><td style="text-align:right">7</td></tr> <tr><td>h. Something else? (SPECIFY)</td><td style="text-align:right">0</td></tr> </table> <p style="text-align:center">C O N T I N U E</p>	a. Working	1	b. Employed out not at work (e.g., on vacation, on strike, sick)	2	c. Looking for work or on layoff from a job	3	d. Attending school	4	e. Keeping house	5	f. Retired	6	g. Disabled, unable to work	7	h. Something else? (SPECIFY)	0	<p>LINE #: <u>76-77</u> NAME: _____</p> <p>29. (SHOW CARD B) Which of these activities best describes what (you were/<u>NAME</u> was) doing most during the last week? (CIRCLE ONLY ONE)</p> <p>(SKIP TO Q.31a) <span style="float:right">78</span></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>a. Working</td><td style="text-align:right">1</td></tr> <tr><td>b. Employed but not at work (e.g., on vacation, on strike, sick)</td><td style="text-align:right">2</td></tr> <tr><td>c. Looking for work or on layoff from a job</td><td style="text-align:right">3</td></tr> <tr><td>d. Attending school</td><td style="text-align:right">4</td></tr> <tr><td>e. Keeping house</td><td style="text-align:right">5</td></tr> <tr><td>f. Retired</td><td style="text-align:right">6</td></tr> <tr><td>g. Disabled, unable to work</td><td style="text-align:right">7</td></tr> <tr><td>h. Something else? (SPECIFY)</td><td style="text-align:right">0</td></tr> </table> <p style="text-align:center">C O N T I N U E</p>	a. Working	1	b. Employed but not at work (e.g., on vacation, on strike, sick)	2	c. Looking for work or on layoff from a job	3	d. Attending school	4	e. Keeping house	5	f. Retired	6	g. Disabled, unable to work	7	h. Something else? (SPECIFY)	0
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	No	2																															
	Yes	1																															
	No	2																															
GO TO NEXT PERSON OR Q.33	GO TO NEXT PERSON (ON SLIP SHEET) OR TO Q.33																																

33. In regard to this dwelling, is the property:

	88
Owned outright or being bought by someone living in this household,	1
Rented with payment required, or	2
Occupied without payment of rent required?	3

34. Returning to the topic of food, who usually plans the meals? (CIRCLE ONE CODE IN COL. Q.34 BELOW)

35. Who usually does the major food shopping? (CIRCLE ONE CODE IN COL. Q.35 BELOW)

36. And who usually prepares the food? (CIRCLE ONE CODE IN COL. Q.36 BELOW)

	COL. Q.34 89	COL. Q.35 90	COL. Q.36 91
The female head only	1	1	1
The male head only	2	2	2
The female and the male heads	3	3	3
The female head and someone else (SPECIFY) _____	4	4	4
The male head and someone else (SPECIFY) _____	5	5	5
Someone other than these (SPECIFY) _____	6	6	6

END CARD 05



**CHECK FLAP. IF ANY WOMEN 12 TO 55 YEARS OF AGE, ASK Q.37. ALL OTHERS, SKIP TO INSTRUCTIONS BEFORE Q.40**

37. Are any women in this household now pregnant?

		10
Yes	1	
No	2	

(SKIP TO INSTRUCTIONS BEFORE Q.40)

38. Please tell me who. (CIRCLE CODE NUMBER IN COL. Q.38 BELOW FOR EACH PREGNANT WOMAN)

39. In which month of pregnancy (are you/is NAME)? (ENTER MONTHS IN COL. Q.39 BELOW FOR EACH PREGNANT WOMAN)

**INSTRUCTIONS**

**CHECK FLAP. IF ANY CHILDREN 3 YEARS OLD OR LESS, ASK Q's 40 TO 42 FOR EACH. ALL OTHERS, SKIP TO Q.43**

40. Was (CHILD'S NAME) ever breast-fed? (CIRCLE CODE NUMBER IN COL. Q.40 BELOW FOR EACH CHILD)

41. (IF "YES" IN Q.40, ASK:) For how many months was (he/she) breast-fed? (ENTER MONTHS IN COL. Q.41. CIRCLE CODE "50" IF STILL BEING BREST-FED)

42. (IF STILL BEING BREAST-FED:) Please tell me the name of the woman who is breast-feeding (CHILD'S NAME). (ENTER WOMAN'S LINE NUMBER IN COL. Q.42 ON CHILD'S LINE)

43. Is any member of this household receiving benefits under the Women, Infants and Children (WIC) Program at the present time?

Yes	1
No	2
Don't know	8

(SKIP TO INSTRUCTIONS AT TOP OF PAGE 10)

44a. Please tell me who in this household is receiving WIC benefits. (CIRCLE CODE NUMBER IN COL. Q.44a FOR EACH PERSON WHO IS RECEIVING WIC BENEFITS)

44b. How long has (NAME) been receiving WIC benefits? (WRITE NUMBER AND CIRCLE CODE IN COL. Q.44b)

Line #	WOMEN 12 TO 55 YEARS		CHILDREN 1 TO 5 YEARS			ALL				
	COL. Q.38	COL. Q.39	COL. Q.40	COL. Q.41	COL. Q.42	COL. Q.44a	COL. Q.44b			
	Now Pregnant	Number of Months Pregnant	Child Ever Breast-Fed		Number of Months Breast-Fed Still Breast-Fed	Line # of Woman Breast-Feeding	WIC Benefits	NUMBER OF:		
Yes			No	Mos.				Yrs.		
1	1 21	22	1 2B	2	50	25~27	1 28	29~30	1 31	2
2	1		1	2	50		1		1	2
3	1		1	2	50		1		1	2
4	1		1	2	50		1		1	2
5	1		1	2	50		1		1	2
6	1		1	2	50		1		1	2
7	1		1	2	50		1		1	2
8	1		1	2	50		1		1	2
9	1		1	2	50		1		1	2
10	1		1	2	50		1		1	2
11	1		1	2	50		1		1	2
12	1		1	2	50		1		1	2
13	1		1	2	50		1		1	2
14	1		1	2	50		1		1	2
15	1		1	2	50		1		1	2
16	1		1	2	50		1		1	2

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**CHECK FLAP. IF ANY CHILDREN BETWEEN 5 AND 18 YEARS, ASK Q's 45 TO 52 IN SEQUENCE FOR EACH AGE-ELIGIBLE CHILD. ALL OTHERS, SKIP TO INSTRUCTIONS ON PAGE 11**

45. Now I would like to talk about school breakfast and lunch programs. Does (CHILD'S NAME) attend a kindergarten, grade school, junior or high school? (CIRCLE CODE IN COL. Q.45. IF "NO," GO TO NEXT CHILD. IF LAST CHILD, SKIP TO Q.53)

46. Does (CHILD'S NAME) attend a school which serves school lunches? These are complete lunches costing a fixed price every day. (CIRCLE CODE IN COL. Q.46. IF "NO," SKIP TO Q.49)

47. During the school year, approximately how many times a week does (he/she) usually get a complete school lunch? (RECORD IN COL. Q.47. IF NONE, ENTER "0" AND SKIP TO Q.49)

48. Does (he/she) get these lunches free, at a reduced price or does (he/she) pay full price? (CIRCLE CODE IN COL. Q.48)

49. Does (CHILD'S NAME) attend a school which serves a complete breakfast costing a fixed price each day? (CIRCLE CODE IN COL. Q.49. IF "NO," SKIP TO Q.52)

CHILDREN 5 TO 18 YEARS

Line #	COL. Q.45		COL. Q.46		COL. Q.47	COL. Q.48				COL. Q.49		Line #
	Attends School		Complete Lunches		Number of Times a Week	Lunch Prices				Complete Breakfast		
	Yes	No	Yes	No		Free	Re-duced	Full Price	Don't Know	Yes	No	
1												1
2	1	2	1	2		1	2	3	8	1	2	2
3	1	2	1	2		1	2	3	8	1	2	3
4	1	2	1	2		1	2	3	8	1	2	4
5	1	2	1	2		1	2	3	8	1	2	5
6	1	2	1	2		1	2	3	8	1	2	6
7	1	2	1	2		1	2	3	8	1	2	7
8	1	2	1	2		1	2	3	8	1	2	8
9	1	2	1	2		1	2	3	8	1	2	9
10	1	2	1	2		1	2	3	8	1	2	10
11	1	2	1	2		1	2	3	8	1	2	11
12	1	2	1	2		1	2	3	8	1	2	12
13	1	2	1	2		1	2	3	8	1	2	13
14	1	2	1	2		1	2	3	8	1	2	14
15	1	2	1	2		1	2	3	8	1	2	15
16	1	2	1	2		1	2	3	8	1		16

50. During the school year, approximately how many times a week does (CHILD'S NAME) usually get a complete breakfast at school? (RECORD IN COL. Q.50. IF NONE, ENTER "0" AND SKIP TO Q.52)

51. Does (he/she) get these breakfasts free, at a reduced price or does (he/she) pay full price? (CIRCLE CODE IN COL. Q.51)

52. What is the name of the school that (CHILD'S NAME) attends? (GO TO NEXT CHILD OR INSTRUCTIONS BELOW)

**INSTRUCTIONS**

**CHECK FLAP. IF ANY CHILDREN BETWEEN 1 AND 5 YEARS, ASK Q.53. ALL OTHERS, SKIP TO Q.54.**

53. Does (CHILD'S NAME) attend a child care program which gives (him/her) any meals or snacks? (CIRCLE CODE IN COL. Q.53 FOR EACH CHILD BETWEEN 1 AND 5 YEARS)

CHILDREN 5 TO 18 YEARS									
	COL. Q.50	COL. Q.51				COL. Q.52	COL. Q.53		
Line #	Number of Times a Week	Breakfast Prices				Name of School Attended	Child Care Meals/Snacks		Line #
		Free	Re-duced	Full Price	Don't Know		Yes	No	
1									1
2		1	2	3	8	39-41	1	2	2
3		1	2	3	8		1	2	3
4		1	2	3	8		1	2	4
5		1	2	3	8		1	2	5
6		1	2	3	8		1	2	6
7		1	2	3	8		1	2	7
8		1	2	3	8		1	2	8
9		1	2	3	8		1	2	9
10		1	2	3	8		1	2	10
11		1	2	3	8		1	2	11
12		1	2	3	8		1	2	12
13		1	2	3	8		1	2	13
14		1	2	3	8		1	2	14
15		1	2	3	8		1	2	15
16		1	2	3	8		1	2	16

54. Which one of the following statements best describes the food eaten in your household:

(READ) 12

Enough of the kinds of food we want to eat,	1
Enough but not always what we want to eat,	2
Sometimes not enough to eat, or	3
Often not enough to eat?	4

55. Does anyone in this household operate a farm or ranch?

13

	Yes	1
(SKIP TO Q.57)	No	2

56. During the past calendar year (1990), did sales of crops, livestock and other farm products from this place amount to \$1,000 or more?

14

Yes	1
No	2

57. (HAND CARD D) Please look at this card for a moment and think about the various sources from which members of this household received income in (NAME OF LAST MONTH). Keeping all these sources in mind, what was this household's total income last month before taxes and other deductions?

\$ \_\_\_\_\_ .00 15-20

58. For each of the sources on this card, please tell me whether any member of this household received income in the last month from: **READ AND CIRCLE CODE FOR EACH IN COL. Q.58 BELOW**

59a. (FOR EACH CODE 1 IN ITEMS a THROUGH f OF Q.58, ASK:) What was the total income received last month by all members of your household -- before taxes and other deductions -- from (SOURCE)? (RECORD AMOUNT IN COL. Q.59a BELOW)

59b. (FOR EACH CODE 1 IN ITEM g OR h OF Q.58, ASK:) What was the total income received last year by all members of your household -- before taxes and other deductions -- from (SOURCE)? (RECORD AMOUNT IN COL. Q.59b BELOW)

(READ)	COL. Q.58		COL. Q.59a
	Yes	No	Amount
a. Wages or salary from a job including tips or commissions?	1 2	2 1	\$ 22-28
b. Any Social Security or Supplemental Security income?	1 2	2 9	\$ 30-35
c. Income from pension or retirement?	1 3	2 5	\$ 37-42
d. Unemployment or Workmen's Compensation?	1 4	2 3	\$ 44-49
e. AFDC, general assistance or other public assistance program? (Do not include food stamps or WIC benefits)	1 5	2 0	\$ 51-56
f. Other sources, such as alimony, child support, rent from a roomer or boarder, and the like?	1 5	2 7	\$ 58-63

COL. Q.59b

g. Spendable income from your own business or farm last year?	1 6	2 4	\$ 65-71
h. Spendable interest, dividends, annuities last year?	1 7	2 2	\$ 73-79

END CARD 06

60. During the past year (1990), approximately how much income from all sources did you and other household members have before income taxes? Please give me your best estimate.

\$ \_\_\_\_\_ .00  
10-16

Not a household unit in the past year (1990) 1

(IF REFUSED OR DON'T KNOW, SHOW CARD E AND ASK:) Please tell me which letter on this card best represents your combined household income before taxes for the past year (1990). (CIRCLE A CODE NUMBER)

a	b	c	d	e	f	g	h	i	j	k
01	02	03	04	05	06	07	08	09	10	11

l	m	n	o	p	q	r	s	t	u
12	13	14	15	16	17	18	19	20	21

18-19 Refused 99

61. Now, consider the savings or cash assets that members of this household have. Think of cash, savings or checking accounts, stocks, bonds, mutual funds and certificates of deposits. Do the members of this household have more than \$5,000 of such savings or cash assets at this time?

20

(SKIP TO Q.63)	Yes	1
	No	2

62. (SHOW CARD F) What letter on this card best represents the total savings or cash assets of all household members at this time?

a	b	c	d	e	f
1	2	3	4	5	6

21

63. Did any member of your household receive food stamps in any of the past 12 months? (IF RESPONDENT IS UNCERTAIN, SAY: That is, from (NAME OF CURRENT MONTH) 1990 through (NAME OF LAST MONTH), 1991.

22

Yes	1
(SKIP TO Q.70) No	2
Don't know	8

64. Is your household receiving food stamps at the present time?

23

Yes	1
(SKIP TO Q.70) No	2

65. Does everyone in your household receive food stamps at the present time?

24

(SKIP TO Q.68) Yes	1
No	2

66. Who receives food stamps? (RECORD NAME AND LINE # FROM FLAP)

LINE #: \_\_\_\_\_ 25-26

LINE #: \_\_\_\_\_ 27-28

LINE #: \_\_\_\_\_ 29-30

LINE #: \_\_\_\_\_ 31-32

LINE #: \_\_\_\_\_ 33-34

LINE #: \_\_\_\_\_ 35-36

67. (SHOW CARD D) Think now just about these people (in Q.66) and their income from these sources. Approximately how much income from all sources did they have before taxes in (NAME OF LAST MONTH)? Please give me your best estimate for just these people receiving food stamps.

\$ \_\_\_\_\_ .00  
37-41

68. On about what date did your household last get food stamps?

42-43	44-45	46-47
1	9	9
MONTH	DAY	YEAR

46-47

Don't know	8
------------	---

69. What was the total amount of stamps you received at that time? Please give me your best estimate.

\$ \_\_\_\_\_ .00  
48-51

Don't know	8
------------	---

70. During the past three months, did your household receive any USDA surplus food?

52

Yes	1
(SKIP TO Q.72) No	2

71. Please tell me what kinds of surplus food your household received.

Butter	1	53
Cheese	2	54
Peanut butter	3	55
Raisins	4	56
Other (SPECIFY) _____	0	
_____	57	

72. Is your major source of home drinking water bottled or from the tap (faucet)? <sup>58</sup>

(SKIP TO Q.74)	Bottled	1
	Tap	2

73. What is the source of your home tap water? <sup>59</sup>

Private or public water company	1
Private or public well	2
Spring	3
Don't know	8

74. (BY OBSERVATION:) The members of this household live in: <sup>60</sup>

A. Single housing unit	1
B. Group quarters	2
C. Rooming house	3
D. Other (SPECIFY)	0

NATIONAL ANALYSTS  
A Division of Booz•Allen  
& Hamilton Inc.

ID \_\_\_\_\_

Study #: 09010-073-003  
QIB #: 0586-0014  
Expires: Feb. 29, 1992  
CARD 09 6-7

Segment #: 

--	--	--	--	--	--	--	--	--	--	--	--

  
5-15

Housing Unit #: 

--	--	--

  
16-18

Person line #: 

--	--

Interviewer #: 

--	--	--	--

  
19-20  
21-24



FOR INTERVIEWER'S USE ONLY

Time began: _____	AM	1
	PM	2
<span style="margin-left: 100px;">25-28</span>		
Time ended: _____	AM	1
	PM	2
<span style="margin-left: 100px;">30-33</span>		

29  
34

**CONTINUING SURVEY OF FOOD INTAKES BY INDIVIDUALS — 1991**  
**UNITED STATES DEPARTMENT OF AGRICULTURE**

**Individual Intake Record**

DAY ONE

This record is for: \_\_\_\_\_  
PERSON'S FIRST NAME

This person's date of birth is: 

--	--

--	--

--	--	--	--

  
MONTH DAY YEAR  
35-36 37-38 39-40

DAY ONE is from 12:00 AM to 11:59 PM yesterday. That date was:

(CIRCLE NUMBER FOR DAY OF WEEK)	Sunday	1			
	Monday	2			
	Tuesday	3			
	Wednesday	4			
	Thursday	5			
	Friday	6			
	Saturday	7			

41

MONTH	DAY	YEAR
42-43	44-45	1 9 9
46-47		

Your cooperation is entirely voluntary. This information will be used to estimate the types and amounts of foods and beverages consumed by people like you. Results will be used to help ensure an adequate and safe food supply for all. This survey is authorized by law. (IF ASKED, SAY: National Agricultural Research, Extension and Teaching Policy Act of 1977, Section 1428, 7 U.S.C. 3178.)

All information will be kept confidential and will be reported as statistics only.



DAY ONE

**INSTRUCTIONS FOR EACH EATING/DRINKING OCCASION**

- ANSWER Q's 1 TO 3 ONCE
- ANSWER Q.4 BY LISTING ALL ITEMS CONSUMED
- ANSWER Q's 5 TO 8 FOR EACH ITEM LISTED IN Q.4
- ANSWER Q's 9 TO 10 IF RESPONDENT IS THIS HOUSEHOLD'S MAIN MEAL PLANNER/PREPARER
- ANSWER Q.11 FOR ALL FOODS NOT FROM HOME SUPPLIES
- DRAW A LINE ACROSS ANSWER SHEET TO SEPARATE EACH OCCASION
- ANSWER Q's 12 TO 49 AT THE END OF THE RECORD

Now think about all of the foods and beverages you had yesterday, that is, beginning after 12:00 AM midnight.

**WHEN?**

1. Starting with the (first/next) time you ate or drank something yesterday, at about what time did you begin eating or drinking this? (ENTER TIME IN COL. Q.1 ON ANSWER SHEET. CIRCLE A NUMBER FOR AM OR PM. USE PM FOR 12 NOON)

**WHAT CALLED?**

2. Would you call this eating or drinking occasion: (ENTER A NUMBER IN COL. Q.2)

1. Breakfast	4. Dinner	6. Snack/beverage break/happy hour
2. Brunch	5. Supper	7. Infant feeding
3. Lunch		0. Something else (DESCRIBE IN COL. Q.2)

**WITH WHOM?**

3. With whom did you eat or drink this? (ENTER A NUMBER IN COL. Q.3)

1. Alone
2. With other household member(s)
3. With nonhousehold member(s)
4. With both household and nonhousehold members

**WHAT FOODS/DRINKS?**

4. What did you have to eat or drink on this occasion? What else? (RECORD ONE ITEM TO A LINE IN COL. Q.4. "BREAD, BUTTER" GO ON TWO LINES)
5. Describe each item further. (RECORD IN COL. Q.5, REFER TO FOOD INSTRUCTION BOOKLET -- FIB)

**QUANTITY CONSUMED?**

- 6a. How much of each item did you actually eat or drink? (ENTER AMOUNTS IN COL. Q.6a. USE MEASURING UTENSILS AND FIB)
- 6b. FOR INTERVIEWER ONLY: ENTER A NUMBER IN COL. Q.6b TO INDICATE HOW QUANTITY IN Q.6a WAS ESTIMATED

1. Measuring cup used	5. Amount reported from actual package weight
2. Measuring spoon used	6. Other (DESCRIBE IN COL. Q.6b)
3. Ruler used	7. No measuring aids used
4. Household cup, bowl, glass measured	

**FOOD SOURCE?**

7. FOR EACH ITEM LISTED: Was this item: (ENTER A NUMBER IN COL. Q.7)

1. Eaten at your home
2. Brought into your home, but later eaten away from home
3. Never brought into your home

IF ANY ITEMS WITH "1" OR "2" IN Q.7, CONTINUE.  
IF ONLY "3" FOR ALL ITEMS, GO TO Q.11

**SOME ITEMS FROM FAST-FOOD PLACES OR MEALS ON WHEELS?**

8. FOR EACH ITEM LISTED: Was this item brought into your home: (ENTER A NUMBER IN COL. Q.8)

1. From fast-food/carryout place
2. From Meals on Wheels
3. From some other place

DAY 1 ANSWER SHEET

ANSWER ONCE FOR EACH OCCASION

USE A NEW LINE FOR EACH ITEM. USE FOOD INSTRUCTION BOOKLET AND MEASURING UTENSILS

Q.1		Q.2		Q.3		Q.4		Q.5		Q.6a	Q.6b
When											
Time	A	P	What Called	With Whom	Line #	Name of Food/Drink	Complete Description	Quantity Consumed	How	Esti	mate
	M	M									
	1	2			101						
	1	2			102						
	1	2			103						
	1	2			104						
	1	2			105						
	1	2			106						
	1	2			107						
	1	2			108						
	1	2			109						
	1	2			110						
	1	2			111						
	1	2			112						
	1	2			113						
	1	2			114						
	1	2			115						
	1	2			116						
	1	2			117						
	1	2			118						
	1	2			119						
	1	2			120						



DAY 1 ANSWER SHEET

ANSWER ONCE FOR EACH OCCASION				USE A NEW LINE FOR EACH ITEM. USE FOOD INSTRUCTION BOOKLET AND MEASURING UTENSILS							
Q.1		Q.2		Q.3		Q.4		Q.5		Q.6a	Q.6b
When											
Time	A	P	What Called	With Whom	Line #	Name of Food/Drink	Complete Description		Quantity Consumed	How Estimated	
1	2				121						
1	2				122						
1	2				123						
1	2				124						
1	2				125						
1	2				126						
1	2				127						
1	2				128						
1	2				129						
1	2				130						
1	2				131						
1	2				132						
1	2				133						
1	2				134						
1	2				135						
1	2				136						
1	2				137						
1	2				138						
1	2				139						
1	2				140						



12. (SHOW CARD G) Some food and drink items consumed at home or away from home are often forgotten in surveys like this. Have you forgotten any: (CIRCLE NUMBER FOR EACH)

(READ)

(IF ANY ITEM HAS BEEN FORGOTTEN ("1" CIRCLED), COMPLETE Q's 1 TO 11 AND CIRCLE "1" IN COL. Q.12 FOR EACH SUCH ITEM)

	Yes	No
<u>Snacks/desserts</u> Chips, fruits, candy, nuts, cheese, cookies	1	2
<u>Nonalcoholic drinks</u> at meals or as snacks Coffee, tea, soft drinks, juice, other drinks	1	2
<u>Alcoholic beverages</u> Beer, wine, cocktails, other drinks	1	2
<u>Accessory foods</u> added to other foods at meals or snacks Butter/margarine, sugar/sweetener, salad dressing, sauce/gravy, mustard/ketchup, relish, cream/milk, jam/jelly/syrup	1	2
<u>Side dishes</u> Crackers, bread/rolls	1	2
<u>Foods eaten or tasted</u> while preparing meals or cleaning up	1	2
<u>Other items</u> (DESCRIBE)	1	2
FOR OFFICE USE ONLY		

TIME Q.12 ENDED: \_\_\_\_\_

AM	1
PM	2

13a. About how many fluid ounces of water did you drink yesterday from any source other than in coffee, tea, fruitade, and the like? (IF NONE, ENTER "0" AND GO TO Q.13c)

\_\_\_\_\_ FLUID OUNCES

13b. How much of the water you drank yesterday was from your home supplies? Would you say:

None,	1
Some,	2
Most, or	3
All?	4

13c. About how many fluid ounces of water do you usually drink in a 24-hour period?

\_\_\_\_\_ FLUID OUNCES

14a. Would you say the amount of food and drink you had yesterday was:

Less than usual,	1
(GO TO Q.15) Usual, or	2
More than usual for this day of the week?	3

14b. IF LESS OR MORE: Which one of the following reasons best describes why it was different? (CIRCLE ONE CODE)

Sick or ill	1
Short of money	2
Traveling	3
At a social occasion or on a special day	4
On holiday or vacation	5
Too little time or too busy	6
Not hungry or very hungry	7
Dieting	8
Some other reason? (DESCRIBE)	0

15. In general, would you say the healthfulness of your diet is: 4 3

Excellent,	1
Very good,	2
Good,	3
Fair, or	4
Poor?	5

16a. What type of salt (do you/does NAME) usually add to (your/his/her) food at the table?  
Do you use: (READ) 4 3

Ordinary salt,	1
Lite salt, or	2
Salt substitute?	3
None	4
Don't know	8

(DO NOT READ AND SKIP TO Q.17a)

16b. How often (do you/does NAME) add (ANSWER IN Q.16a) to (your/his/her) food at the table? Is it rarely, occasionally or very often? 5 3

Rarely	1
Occasionally	2
Very often	3

17a. Are you on a special diet? 5 1

Yes	1
No	2

(GO TO Q.18)

17b. (HAND CARD H) What type of special diet are you on? Just tell me the numbers please. (CIRCLE CODE(S) IN Q.17b ROW BELOW)

17c. (HAND CARD I) (FOR EACH CODE CIRCLED IN Q.17b, ASK:) Which one of the sources on this card best explains why you are on a (ANSWER TO Q.17b) diet? Just tell me the number please. (CIRCLE SOURCE CODE FOR EACH DIET ASKED ABOUT)

	Low Calorie/ Weight Loss	Low Fat/ Choles- terol	Low Salt/ Sodium	Low Sugar/ Sugar Free	Low Fiber	High Fiber	Dia- betic	Other (SPECIFY)
Q.17b _____ (CIRCLE ALL THAT APPLY)	1 5 2	2 5 3	3 5 4	4 5 5	5 5 6	6 5 7	7 5 8	0 5 9
Q. 17c	Doctor, dietician, nurse prescribed	1	1	1	1	1	1	1
	Organized diet program — Weight Watchers, Tops	2	2	2	2	2	2	2
	Diet read or heard about	3	3	3	3	3	3	3
	Made up the diet	4	4	4	4	4	4	4
	Joined another person on their special diet	5	5	5	5	5	5	5
Some other source (SPECIFY)	0	0	0	0	0	0	0	0
	6 0	6 1	6 2	6 3	6 4	6 5	6 6	6 7



- IF RESPONDENT IS THIS HOUSEHOLD'S MAIN MEAL PLANNER/PREPARER AND ANY ITEMS FOR THIS OCCASION ARE "1" OR "2" IN Q.7, CONTINUE
- IF RESPONDENT IS NOT THE MAIN MEAL PLANNER/PREPARER OR ALL ITEMS FOR THIS OCCASION ARE "3" IN Q.7, GO TO INSTRUCTIONS BEFORE Q.11

**FAT USED IN PREPARATION?**

9a. Think about the preparation of the foods/drinks you consumed on this occasion. By preparation, I mean the seasoning or cooking of the foods/drinks before they were brought to the table. Were any fats or oils used in preparing any of these items? (ENTER A NUMBER IN COL. Q.9a ONCE FOR THIS OCCASION)

1. Yes      2. No (GO TO Q.10)

9b. For which items from your home food supplies did you use fats or oils in the preparation? (IN COL. Q.9b CIRCLE THE APPROPRIATE NUMBER)

9c. FOR EACH ITEM WHERE FAT/OIL WAS USED: What type of fat or oil was used for this item? (ENTER A NUMBER IN COL. Q.9c)

- |  |   |
|--|---|
| 1. Olive oil   | 6. Any diet margarine                       |
| 2. Corn, cottonseed, safflower or sunflower oil          | 7. Margarine blend                          |
| 3. Soybean oil or other vegetable oil (include nut oils) | 8. Butter                                   |
| 4. Regular tub or liquid margarine                       | 9. Animal shortening (meat/bacon drippings) |
| 5. Regular stick margarine                               | 10. Vegetable shortening                    |
|  | 11. Don't know/remember                     |

**SALT USED IN PREPARATION?**

10. For which items from your home food supplies did you use salt in the preparation? (IN COL. Q.10 CIRCLE THE APPROPRIATE NUMBER. IF SALT SUBSTITUTE USED, CIRCLE CODE 2)

- REFER TO Q.7. IF ANY ITEM FOR THIS OCCASION IS "3," CONTINUE
- IF NO ITEM IS "3," DRAW LINE ACROSS ANSWER PAGES AND ANSWER Q's 1 TO 11 FOR NEXT OCCASION. WHEN ALL OCCASIONS HAVE BEEN RECORDED, GO TO Q.12 ON NEXT PAGE

**WHERE OBTAINED/SERVICE?**

11. Where did you get this food/beverage which was not from your home food supplies?

- |   |
|---|
| 1. Restaurant with waiter/waitress service at a table or counter  |
| 2. Cafeteria or self-serve buffet restaurant  |
| 3. Restaurant where food was ordered and picked up at a counter or drive-up window (include fast-food places) |
| 4. School   |
| 5. Child-care center/Family day-care home   |
| 6. Community feeding program (include those for senior citizens, disabled, or needy persons)                  |
| 7. Vending machine (MUST RECORD ADDITIONAL NUMBER FOR LOCATION)   |
| 8. Supermarket/grocery store/deli   |
| 9. Convenience store  |
| 10. Recreation/entertainment facility (e.g., movie theater, bowling alley, sport stadium, amusement park)     |
| 11. At someone else's home  |
| 12. Some other place (describe in Col. Q.11)  |

DRAW LINE ACROSS ANSWER PAGES AND ANSWER Q's 1 TO 11 UNTIL ALL EATING/DRINKING OCCASIONS HAVE BEEN RECORDED. IF ALL FOOD/DRINKS RECORDED, GO TO Q.12 ON NEXT PAGE

18. Do you consider yourself to be a vegetarian? 10

Yes	1
No	2

19. How often, if at all, do you take any vitamin or mineral supplements by mouth, such as a pill or liquid? Would you say: 11

(CONTINUE)

Every day, or almost every day,	1
Every so often, or	3
Not at all?	4

(GO TO Q.23)

20. Do you usually take a:

Multivitamin,	1 12
Multivitamin with iron or other minerals,	2 13
Combination of Vitamin C and iron, or	3 14
Single vitamins/minerals?	4 15

(CIRCLE AS MANY AS APPLY)

IF CODE 4 CIRCLED, CONTINUE; OTHERWISE, SKIP TO Q.23

21. (HAND CARD J) Which of these single vitamins and minerals do you usually take? 16-34

Vitamin A	01
Vitamin B/B complex	02
Vitamin C	03
Vitamin D	04
Vitamin E	05
Calcium	06
Folacin	07
Fluoride	08
Iron	09
Zinc	10
Selenium	11
Chromium	12
Something else (SPECIFY)	20

(CIRCLE AS MANY AS APPLY)

22. Were any of these vitamins or minerals that you usually take prescribed for you by a doctor or dentist? 35

Yes, all prescribed	1
No, none prescribed	2
Some prescribed, some not	3

23. Do you take a fish oil supplement? 3

Yes	
No	

24. Do you take a fiber supplement? 3

Yes	1
No	2

25. About how much do you weigh without shoes? POUNDS 38-40

26. Do you consider yourself to be overweight, underweight or about the right weight at the present time? 41

Overweight	1
Underweight	2
About right	3

27. How tall are you without shoes? FEET 42 INCHES 43-44

28. In general, would you say your health is: 45

Excellent,	1
Very good,	2
Good,	3
Fair, or	4
Poor?	5

29. Do you have any disability or handicap that limits your activities? 1

Yes	1
No	2

30. Have you ever had your blood cholesterol checked? 1

Yes	
No	
Don't know	

31. Has a doctor ever told you that you have: (CIRCLE A NUMBER FOR EACH)

	Yes	No
Diabetes? <sup>48</sup>	1	2
High blood pressure (hypertension)? <sup>49</sup>	1	2
Heart disease? <sup>50</sup>	1	2
Cancer? <sup>51</sup>	1	2
Osteoporosis? <sup>52</sup>	1	2
High blood cholesterol? <sup>53</sup>	1	2
Stroke? <sup>54</sup>	1	2
Food allergies that make it necessary to avoid certain foods? (DESCRIBE) _____ <sup>55</sup>	1	2

32. How would you describe the condition of your natural teeth? Would you say they are:

Excellent, <sup>56</sup>	1
Very good,	2
Good,	3
Fair, or	4
Poor?	5
(DO NOT READ) Respondent has no natural teeth	6

(GO TO Q.34)

(DO NOT READ)

33. Do you have dentures? <sup>57</sup>

Yes	1
No	2

34. About how many hours did you watch TV yesterday? <sup>58</sup>

None	1
Half hour or less	2
About one hour	3
About two hours	4
About three hours	5
About four hours	6
Five hours or more	7

35. About how many hours per day do you usually watch TV? <sup>59</sup>

None	1
Half hour or less	2
About one hour	3
About two hours	4
About three hours	5
About four hours	6
Five hours or more	7

IF RESPONDENT IS UNDER 18 YEARS OF AGE, THIS RECORD IS COMPLETED; SKIP TO Q.43  
IF RESPONDENT IS 18 YEARS OF AGE OR OLDER, CONTINUE

36. Think now about how you usually spend your leisure time, that is, other than at your job or doing housework. Would you say your usual level of physical activity is:

(READ UNDERLINED WORDS)

<u>Heavy/Rigorous</u> (running, playing tennis, swimming, doing heavy gardening, etc., three or more times per week),	1
<u>Moderate</u> (doing rigorous activities one or two times per week or doing steady walking, or other moderate activities three or more times per week), or	2
<u>Light</u> (playing golf, taking a stroll or doing nonrigorous activities occasionally)?	3

(GO TO Q.38)

37. Compared with most people your age and sex, would you say that you are:

More active, <sup>61</sup>	1
Less active, or	2
About the same?	3
(DO NOT READ) Don't know	8

38. Have you smoked 100 or more cigarettes during your entire life? <sup>62</sup>

Yes	1
(GO TO Q.42) No	2

39. Do you smoke cigarettes now? <sup>63</sup>

Yes	1
(GO TO Q.41) No	2

40. On average, how many cigarettes per day do you smoke?

GO TO Q.42 # \_\_\_\_\_ PER DAY <sup>64-66</sup>

41. How long has it been since you smoked cigarettes regularly? # \_\_\_\_\_ YEARS <sup>67-68</sup>

Less than one year	00
Never smoked regularly	98

42. During the past three months, have you consumed any:

	Yes	No
Beer? <sup>69</sup>	1	2
Wine? <sup>70</sup>	1	2
Hard liquor?	1	2

INTERVIEWER COMMENTS

43. IF INTAKE IS FOR CHILD UNDER 12 YEARS OF AGE

Circle a code for the main respondent in Col. a and for all persons who assisted in responding in Col. b.

	Main Resp. Col. a 10	Others Col. b
Child's mother	1	1 11
Child's father	2	2 12
Child's sister	3	3 13
Child's brother	4	4 14
Child's grandparent	5	5 15
Child	6	6 16
Other person (DESCRIBE)	0	0 17

44. IF INTAKE IS FOR PERSON 12 YEARS OF AGE OR OLDER

Circle a code for the main respondent in Col. a and for all persons who assisted in responding in Col. b.

	Main Resp. Col. a 18	Others Col. b
Sample person	1	1 19
Mother	2	2 20
Father	3	3 21
Sister	4	4 22
Brother	5	5 23
Grandparent	6	6 24
Spouse	7	7 25
Other person (DESCRIBE)	0	0 26

45. Were the descriptions of foods/beverages consumed yesterday difficult for the respondent to answer? 27

	Yes	1
(GO TO Q.47)	No	2

46. What were the reasons for this difficulty?

\_\_\_\_\_

\_\_\_\_\_

47. Were the amounts of foods/beverages consumed yesterday difficult for the respondent to answer? 28

	Yes	1
(GO TO NEXT INTAKE RECORD)	No	2

48. What were the reasons for this difficulty?

\_\_\_\_\_

\_\_\_\_\_

GO TO NEXT INTAKE RECORD

OFFICE USE ONLY

CODER ID:

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23-31

NATIONAL ANALYSTS  
A Division of Booz-Allen  
& Hamilton Inc.

Study #: 09010-073-003  
QTB #: 0586-0014  
Expires: Feb. 29, 1992  
CARD 12

ID \_\_\_\_\_ 1-5

Segment #: 

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 3-5



Housing Unit #: 

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 16-18

Person line #: 

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 19-20

Interviewer #: 

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 21-24

CONTINUING SURVEY OF FOOD INTAKES BY INDIVIDUALS — 1991  
UNITED STATES DEPARTMENT OF AGRICULTURE

Individual Intake Record

DAY TWO AND DAY THREE

This record is for: \_\_\_\_\_  
PERSON'S FIRST NAME

DAY TWO is from 12:00 AM to 11:59 PM today. That date is:

	Sunday	1
(CIRCLE NUMBER FOR DAY OF WEEK)	Monday	2
	Tuesday	3
	Wednesday	4
	Thursday	5
	Friday	6
	Saturday	7

--	--

  
MONTH  
26-27

--	--

  
DAY  
28-29

1	9	9	
---	---	---	--

  
YEAR  
30-31

DAY THREE is from 12:00 AM to 11:59 PM tomorrow. That date is:

	Sunday	1
(CIRCLE NUMBER FOR DAY OF WEEK)	Monday	2
	Tuesday	3
	Wednesday	4
	Thursday	5
	Friday	6
	Saturday	7

--	--

  
MONTH  
33-34

--	--

  
DAY  
35-36

1	9	9	
---	---	---	--

  
YEAR  
37-38

Your cooperation is entirely voluntary. This information will be used to estimate the types and amounts of foods and beverages consumed by people like you. Results will be used to help ensure an adequate and safe food supply for all. This survey is authorized by law (National Agricultural Research, Extension and Teaching Policy Act of 1977, Section 1428, 7 U.S.C. 3178).

All information will be kept confidential and will be reported as statistics only.

INTERVIEWER USE ONLY			CHECK BOX IF LEFT
Time Began: _____	AM	1	
39-42	PM	2	43

This record will be picked up on: \_\_\_\_\_ AM  
\_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ PM  
DAY

DAY TWO

**INSTRUCTIONS FOR EACH EATING/DRINKING OCCASION**

- ANSWER Q's 1 TO 3 ONCE
- ANSWER Q.4 BY LISTING ALL ITEMS CONSUMED
- ANSWER Q's 5 TO 8 FOR EACH ITEM LISTED IN Q.4
- ANSWER Q's 9 TO 10 IF RESPONDENT IS THIS HOUSEHOLD'S MAIN MEAL PLANNER/PREPARER
- ANSWER Q.11 FOR ALL FOODS NOT FROM HOME SUPPLIES
- DRAW A LINE ACROSS ANSWER SHEET TO SEPARATE EACH OCCASION
- ANSWER Q's 12 TO 17 AT THE END OF THE RECORD

Now think about all of the foods and beverages you had beginning after 12:00 AM midnight on this day.

**WHEN?**

1. Starting with the (first/next) time you ate or drank something on this day, at about what time did you begin eating or drinking this? (ENTER TIME IN COL. Q.1 ON ANSWER SHEET. CIRCLE A NUMBER FOR AM OR PM. USE PM FOR 12 NOON)

**WHAT CALLED?**

2. Would you call this eating or drinking occasion: (ENTER A NUMBER IN COL. Q.2)

1. Breakfast

2. Brunch

3. Lunch

4. Dinner

5. Supper

6. Snack/beverage break/happy hour

7. Infant feeding

0. Something else (DESCRIBE IN COL. Q.2)

**WITH WHOM?**

3. With whom did you eat or drink this? (ENTER A NUMBER IN COL. Q.3)

1. Alone

2. With other household member(s)

3. With nonhousehold member(s)

4. With both household and nonhousehold members

**WHAT FOODS/DRINKS?**

4. What did you have to eat or drink on this occasion? What else? (RECORD ONE ITEM TO A LINE IN COL. Q.4. "BREAD, BUTTER" GO ON TWO LINES)
5. Describe each item further. (RECORD IN COL. Q.5, REFER TO FOOD INSTRUCTION BOOKLET)

**QUANTITY CONSUMED?**

6. How much of each item did you actually eat or drink? (ENTER AMOUNTS IN COL. Q.6. USE MEASURING UTENSILS AND FOOD INSTRUCTION BOOKLET)

**FOOD SOURCE?**

7. FOR EACH ITEM LISTED: Was this item: (ENTER A NUMBER IN COL. Q.7)

1. Eaten at your home

2. Brought into your home, but later eaten away from home

3. Never brought into your home

IF ANY ITEMS WITH "1" OR "2" IN Q.7, CONTINUE.  
IF ONLY "3" FOR ALL ITEMS, GO TO Q.11

**HOME ITEMS FROM FAST-FOOD PLACES OR MEALS ON WHEELS?**

8. FOR EACH ITEM LISTED: Was this item brought into your home: (ENTER A NUMBER IN COL. Q.8)

1. From a fast-food/carryout place

2. From Meals on Wheels

3. From some other place

DAY 2 ANSWER SHEET

ANSWER ONCE FOR EACH OCCASION  
IF 12 NOON, CIRCLE PM

USE A NEW LINE FOR EACH ITEM.  
USE FOOD INSTRUCTION BOOKLET AND MEASURING UTENSILS

Q.1		Q.2		Q.3		Q.4		Q.5		Q.6	
When											
Time	A	P	What Called	With Whom	Line #	Name of Food/Drink	Complete Description			Quantity Consumed	
1	2				201						
1	2				202						
1	2				203						
1	2				204						
1	2				205						
1	2				206						
1	2				207						
1	2				208						
1	2				209						
1	2				210						
1	2				211						
1	2				212						
1	2				213						
1	2				214						
1	2				215						
1	2				216						
1	2				217						
1	2				218						
1	2				219						
1	2				220						





DAY 2 ANSWER SHEET

ANSWER ONCE FOR EACH OCCASION  
IF 12 NOON, CIRCLE PM

USE A NEW LINE FOR EACH ITEM.  
USE FOOD INSTRUCTION BOOKLET AND MEASURING UTENSILS

Q.1			Q.2	Q.3		Q.4	Q.5	Q.6
When								
Time	A M	P M	What Called	With Whom	Line #	Name of Food/Drink	Complete Description	Quantity Consumed
	1	2			221			
	1	2			222			
	1	2			223			
	1	2			224			
	1	2			225			
	1	2			226			
	1	2			227			
	1	2			228			
	1	2			229			
	1	2			230			
	1	2			231			
	1	2			232			
	1	2			233			
	1	2			234			
	1	2			235			
	1	2			236			
	1	2			237			
	1	2			238			
	1	2			239			
	1	2			240			



DAY 2

12. Some food and drink items consumed at home or away from home are often forgotten in surveys like this. Have you forgotten any: (CIRCLE NUMBER FOR EACH)

	Yes	No
<u>Snacks/desserts</u> Chips, fruits, candy, nuts, cheese, cookies	1	2
<u>Nonalcoholic drinks at meals or as snacks</u> Coffee, tea, soft drinks, juice, other drinks	1	2
<u>Alcoholic beverages</u> Beer, wine, cocktails, other drinks	1	2
<u>Accessory foods added to other foods at meals or snacks</u> Butter/margarine, sugar/sweetener, salad dressing, sauce/gravy, mustard/ketchup, relish, cream/milk, jam/jelly/syrup	1	2
<u>Side dishes</u> Crackers, bread/rolls	1	2
<u>Foods eaten or tasted while preparing meals or cleaning up</u>	1	2
<u>Other items (DESCRIBE)</u> _____	1	2

(IF YOU HAVE FORGOTTEN ANY ITEM (NUMBER 1 CIRCLED), COMPLETE Q's 1 TO 11 FOR EACH ITEM BY USING NEXT AVAILABLE LINE ON ANSWER SHEET)

13. Would you say the amount of food and drink you had today was:

Less than usual	1
Usual	2
More than usual for this day of the week	3

14. IF LESS OR MORE: Which one of the following reasons best describes why it was different?

Sick or ill	1
Short of money	2
Traveling	3
At a social occasion or on a special day	4
On holiday or vacation	5
Too little time or too busy	6
Not hungry or very hungry	7
Dieting	8
Some other reason? (DESCRIBE) _____	0

15. Did you use the measuring cups, spoons or ruler when you estimated the amounts of food you had eaten?

Yes, most of the time	1
Yes, some time	2
No, not at all	3

DAY THREE

DAY 3 ANSWER SHEET

ANSWER ONCE FOR EACH OCCASION  
IF 12 NOON, CIRCLE PM

USE A NEW LINE FOR EACH ITEM.  
USE FOOD INSTRUCTION BOOKLET AND MEASURING UTENSILS

Q.1			Q.2		Q.3		Q.4		Q.5		Q.6
When											
Time	A M	P M	What Called	With Whom	Line #	Name of Food/Drink	Complete Description				Quantity Consumed
1	2				301						
1	2				302						
1	2				303						
1	2				304						
1	2				305						
1	2				306						
1	2				307						
1	2				308						
1	2				309						
1	2				310						
1	2				311						
1	2				312						
1	2				313						
1	2				314						
1	2				315						
1	2				316						
1	2				317						
1	2				318						
1	2				319						
1	2				320						



DAY 3 ANSWER SHEET

ANSWER ONCE FOR EACH OCCASION  
IF 12 NOON, CIRCLE PM

USE A NEW LINE FOR EACH ITEM.  
USE FOOD INSTRUCTION BOOKLET AND MEASURING UTENSILS

Q.1		Q.2	Q.3		Q.4	Q.5	Q.6	
When								
Time	A M	P M	What Called	With Whom	Line #	Name of Food/Drink	Complete Description	Quantit Consume
	1	2			321			
	1	2			322			
	1	2			323			
	1	2			324			
	1	2			325			
	1	2			326			
	1	2			327			
	1	2			328			
	1	2			329			
	1	2			330			
	1	2			331			
	1	2			332			
	1	2			333			
	1	2			334			
	1	2			335			
	1	2			336			
	1	2			337			
	1	2			338			
	1	2			339			
	1	2			340			





● IF YOU ARE THIS HOUSEHOLD'S MAIN MEAL PLANNER/PREPARER AND ANY ITEMS FOR THIS OCCASION ARE "1" OR "2" IN Q.7 CONTINUE

● IF YOU ARE NOT THE MAIN MEAL PLANNER/PREPARER OR ALL ITEMS FOR THIS OCCASION ARE "3" IN Q.7, GO TO INSTRUCTIONS BEFORE Q.11

**FAT USED IN PREPARATION?**

9a. Think about the preparation of the foods/drinks you consumed on this occasion. By preparation, I mean the seasoning or cooking of the foods/drinks before they were brought to the table. Were any fats or oils used in preparing any of these items? (ENTER A NUMBER IN COL. Q.9a ONCE FOR THIS OCCASION)

1. Yes

2. No (GO TO Q.10)

9b. For which items from your home food supplies did you use fats or oils in the preparation? (IN COL. Q.9b CIRCLE THE APPROPRIATE NUMBER)

9c. FOR EACH ITEM WHERE FAT/OIL WAS USED: What type of fat or oil was used for this item? (ENTER A NUMBER IN COL. Q.9c)

1. Olive oil

2. Corn, cottonseed, safflower or sunflower oil

3. Soybean oil or other vegetable oil (include nut oils)

4. Regular tub or liquid margarine

5. Regular stick margarine

6. Any diet margarine

7. Margarine blend

8. Butter

9. Animal shortening (meat/bacon drippings)

10. Vegetable shortening

11. Don't know/remember

**SALT USED IN PREPARATION?**

10. For which items from your home food supplies did you use salt in the preparation? (IN COL. Q.10 CIRCLE THE APPROPRIATE NUMBER. IF SALT SUBSTITUTE USED, CIRCLE CODE 2)

● REFER TO Q.7. IF ANY ITEM FOR THIS OCCASION IS "3," CONTINUE

● IF NO ITEM IS "3," DRAW LINE ACROSS ANSWER PAGES AND ANSWER Q's 1 TO 11 FOR NEXT OCCASION. WHEN ALL OCCASIONS HAVE BEEN RECORDED, GO TO Q.12 ON NEXT PAGE

**WHERE OBTAINED/SERVICE?**

11. Where did you get this food/beverage which was not from your home food supplies?

1. Restaurant with waiter/waitress service at a table or counter

2. Cafeteria or self-serve buffet restaurant

3. Restaurant where food was ordered and picked up at a counter or drive-up window (include fast-food places)

4. School

5. Day-care center or summer day camp

6. Community feeding program (include those for senior citizens, disabled or needy persons)

7. Vending machine (MUST RECORD ADDITIONAL NUMBER FOR LOCATION)

8. Supermarket/grocery store/deli

9. Convenience store

10. Recreation/entertainment facility (e.g., movie theater, bowling alley, sport stadium, amusement park)

11. At someone else's home

12. Some other place (describe in Col. Q.11)

DRAW LINE ACROSS ANSWER PAGES AND ANSWER Q's 1 TO 11 UNTIL ALL EATING/DRINKING OCCASIONS HAVE BEEN RECORDED. IF ALL FOOD/DRINKS RECORDED, GO TO Q.12 ON NEXT PAGE

DAY 3

12. Some food and drink items consumed at home or away from home are often forgotten in surveys like this. Have you forgotten any: (CIRCLE NUMBER FOR EACH)

(IF YOU HAVE FORGOTTEN ANY ITEM (NUMBER 1 CIRCLED), COMPLETE Q's 1 TO 11 FOR EACH ITEM BY USING NEXT AVAILABLE LINE ON ANSWER SHEET)

	Yes	No
<u>Snacks/desserts</u> Chips, fruits, candy, nuts, cheese, cookies	1	2
<u>Nonalcoholic drinks at meals or as snacks</u> Coffee, tea, soft drinks, juice, other drinks	1	2
<u>Alcoholic beverages</u> Beer, wine, cocktails, other drinks	1	2
<u>Accessory foods</u> added to other foods at meals or snacks Butter/margarine, sugar/sweetener, salad dressing, sauce/gravy, mustard/ketchup, relish, cream/milk, jam/jelly/syrup	1	2
<u>Side dishes</u> Crackers, bread/rolls	1	2
<u>Foods eaten or tasted</u> while preparing meals or cleaning up	1	2
<u>Other items</u> (DESCRIBE) _____	1	2

13. Would you say the amount of food and drink you had today was:

Less than usual	1
Usual	2
More than usual for this day of the week	3

14. IF LESS OR MORE: Which one of the following reasons best describes why it was different?

Sick or ill	1
Short of money	2
Traveling	3
At a social occasion or on a special day	4
On holiday or vacation	5
Too little time or too busy	6
Not hungry or very hungry	7
Dieting	8
Some other reason? (DESCRIBE) _____	0

15. Did you use the measuring cups, spoons or ruler when you estimated the amounts of food you had eaten?

Yes, most of the time	1
Yes, some time	2
No, not at all	3

FOODS/BEVERAGES	16. During the past three months did you <u>consume</u> :		17. FOR EACH ITEM CONSUMED: During the past three months, how many times did you consume this, on average, each day, week or month?			18. How much did you consume on average each time?  REFER TO MEASURING UTENSILS
	Yes	No	RECORD ANSWER IN ONLY ONE BOX FOR EACH FOOD			1 Cup = 8 fl. oz.
1. <u>Milk as a beverage</u> or a drink made with milk...	1	10 2	23-24 DAY	25-26 WEEK	27-28 MONTH	_____ Cup(s) 29-32
2. <u>Milk</u> on cereal.....	1	11 2	33-34 DAY	35-36 WEEK	37-38 MONTH	_____ Cup(s) 39-42
3. <u>Milk</u> in coffee, tea, other.....	1	12 2	43-44 DAY	45-46 WEEK	47-48 MONTH	_____ Cup(s) 49-52
4. <u>Poultry</u> (chicken, turkey, duck, etc.).....	1	13 2	53-54 DAY	55-56 WEEK	57-58 MONTH	
5. <u>Red meat</u> (beef, pork, lamb).....	1	14 2	59-60 DAY	61-62 WEEK	63-64 MONTH	
6. <u>Fish and shellfish</u> (exclude canned products)	1	15 2	65-66 DAY	67-68 WEEK	69-70 MONTH	
7. <u>Citrus fruit only</u> (oranges, grapefruit, etc.; include raw, canned and frozen products).....	1	16 2	71-72 DAY	73-74 WEEK	75-76 MONTH	
8. <u>Citrus fruit juices</u> .....	1	17 2	77-78 DAY	79-80 WEEK	81-82 MONTH	
9. <u>All other fruit only</u> (bananas, berries, apples, grapes, etc.; include raw, canned and frozen products).....	1	18 2	83-84 DAY	85-86 WEEK	87-88 MONTH	END CARD 13 DUP 1 5 CARD 14 6-7
10. <u>All other fruit juices</u> ...	1	19 2	11-12 DAY	13-14 WEEK	15-16 MONTH	
11. <u>Raw vegetables</u> (include raw vegetables in salads)	1	20 2	18-19 DAY	20-21 WEEK	22-23 MONTH	
12. <u>Cooked vegetables</u> (exclude white and sweet potatoes).....	1	21 2	25-26 DAY	27-28 WEEK	29-30 MONTH	
13. <u>Eggs</u>	1	22 2	32-33 DAY	34-35 WEEK	36-37 MONTH	

THANK YOU FOR YOUR COOPERATION

OFFICE USE ONLY

CODER ID:

NATIONAL ANALYSTS  
A Division of Booz·Allen  
& Hamilton Inc.

Study #: 09010-073-003  
OMB #: 0586-0014  
Expires: Feb. 29, 1992  
155 1-3  
CD 01 4-5

ID \_\_\_\_\_  
6-10

DIET AND HEALTH KNOWLEDGE QUESTIONNAIRE -- 1991  
14-24      25-29      30-31

11-13 BLANK

Time Began:	_____	AM	1
	36-39	PM	2
Time Ended:	_____	AM	1
	41-44	PM	2

Interviewer ID #: 

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32-35

INTRODUCTION: (ASK TO SPEAK WITH NAME OF MEAL PLANNER/PREPARER ON THE LABEL) Hello, I am \_\_\_\_\_ from National Analysts. We spoke with you on (DATE ON LABEL) as part of the food survey we are conducting for the United States Department of Agriculture. You answered general questions about the people in your household as well as questions about your own food intake. You will remember we promised to get back in touch with you to ask a few more questions about your opinions on your diet, health, food shopping and related topics.

Remember that everything you say will be kept confidential. This interview usually takes about 25 minutes. If you have any comments about the length, content or any other aspect of this survey, I will give you the name of someone to contact at the end of the interview.

46      47-52      53-56      57 CALL REPORT FORM  
58-59

CALL #	DATE	TIME	AM	PM	RESULT CODE*	COMMENTS
1	/ /		1	2		
2	/ /		1	2		
3	/ /		1	2		
4	/ /		1	2		
5	/ /		1	2		

**\*Result of Call Codes**

- |   |   |
|---|---|
| 1. Interview complete                       | 7. Respondent not home                                  |
| 2. Appointment made (RECORD TIME ABOVE)     | 8. Language barrier                                     |
| 3. Interview refused                        | 9. Vacant/Phone disconnected                            |
| 4. Telephone busy (CALL AGAIN IN HALF HOUR) | 10. New telephone number obtained (RECORD NUMBER ABOVE) |
| 5. Telephone out of order                   | 11. Other (SPECIFY ABOVE)                               |
| 6. No one home/No answer after ten rings    |   |

1. Let's begin by talking about your opinion of the amount of food, such as fruits, vegetables and meats that people should eat each day for good health. How many servings of (READ ITEM) should a person eat each day if one serving equals (READ AMOUNT)?

ITEM	AMOUNT	NUMBER OF SERVINGS
a. Fruit	One piece of whole fruit?	12-1
b. Vegetables	A half cup of cooked vegetables?	14-1
c. Dairy products	One cup of milk or a slice of cheese?	16-1
d. Grain products	One slice of bread or a half cup of cooked cereal, rice or pasta?	18-1
e. Meat, poultry or fish	A piece the size of a medium hamburger?	20-2

2. Let's talk about your own diet. In your opinion, should your diet be lower or higher in (the amount of) (STATEMENT) or is it just about right compared with what is most healthful? (READ STATEMENT "a" TO "f" THEN BEGIN AT STATEMENT WITH "X" AND READ ALL OF THE REMAINING ITEMS)

STATEMENT	Lower	Higher	About Right	Don't Know
a. Meat, poultry or fish?	1	2	3	8
b. Fruits?	1	2	3	8
c. Vegetables?	1	2	3	8
d. Dairy products?	1	2	3	8
e. Breads, cereals and other grain products?	1	2	3	8
f. Eggs?	1	2	3	8
g. The variety of foods you eat?	1	2	3	8
h. Calories?	1	2	3	8
i. Calcium?	1	2	3	8
j. Iron?	1	2	3	8
k. Vitamin C?	1	2	3	8
l. Protein?	1	2	3	8
X m. Fat?	1	2	3	8
n. Saturated fat?	1	2	3	8
o. Cholesterol?	1	2	3	8
p. Salt or sodium?	1	2	3	8
q. Fiber?	1	2	3	8
r. Sugar and sweets?	1	2	3	8

3. People may avoid some types of foods. Do you personally avoid:

(START AT "X")	FOOD ITEM	Avoids	Does Not Avoid Food	
	a. Meat, such as, beef or lamb?	1	2	40
	b. Rare hamburger?	1	2	41
	c. Poultry?	1	2	42
	d. Fish?	1	2	43
	e. Eggs?	1	2	44
	f. Do you personally avoid all types of milk?	1	2	45
	g. (DO NOT ASK, IF CODE "1" IN Q.3f) Whole milk?	1	2	46
	h. Cheese?	1	2	47
	i. Alcoholic beverages?	1	2	48
	j. Do you personally avoid starchy foods like potatoes or bread?	1	2	49
	k. Foods high in sugar?	1	2	50
	l. Raw shellfish?	1	2	51
X	m. Legumes like kidney beans or split peas?	1	2	52

4. I am going to read you some advice about healthy diets. On a scale from 1 to 6, where "1" is "Not at All Important" and "6" is "Very Important," please tell me how important it is to you personally to (STATEMENT, STARTING AT "X")?

**INTERVIEWER INSTRUCTIONS SAY, AS NEEDED:** Remember, answer "1" if the statement is "Not at All Important" and "6" if the statement is "Very Important" to you, or use any number in between.

(START AT "X")	STATEMENT	Not at All Important					Very Important		
	a. Use salt or sodium only in moderation?	1	2	3	4	5	6	53	
	b. Choose a diet low in saturated fat?	1	2	3	4	5	6	54	
	c. Choose a diet with plenty of vegetables?	1	2	3	4	5	6	55	
	d. Choose a diet with plenty of fruits?	1	2	3	4	5	6	56	
X	e. Use sugars only in moderation?	1	2	3	4	5	6	57	
	f. (DO NOT ASK, IF CODE "1" IN Q.3i) Limit alcoholic beverages to no more than one or two drinks a day?	1	2	3	4	5	6	58	
	g. Choose a diet with adequate fiber?	1	2	3	4	5	6	59	
	h. Eat a variety of foods?	1	2	3	4	5	6	60	
	i. Maintain a healthy weight?	1	2	3	4	5	6	61	
	j. Choose a diet low in fat?	1	2	3	4	5	6	62	
	k. Choose a diet low in cholesterol?	1	2	3	4	5	6	63	
	l. Choose a diet with plenty of breads, cereals, rice and pasta?	1	2	3	4	5	6	64	
	m. Eat at least two servings of dairy products daily?	1	2	3	4	5	6	65	

INTERVIEWER INSTRUCTION:  
ASK Q. 5 AND Q. 6 FOR EACH  
BEHAVIOR BEFORE GOING TO  
NEXT BEHAVIOR

5. Have you heard about any health problems that might be related to: (READ BEHAVIOR IN TABLE BELOW BEGINNING AT "X")
6. (IF YES, SAY:) What health problems are these? Any other problems? (CIRCLE ALL THAT APPLY)

READ STARTING AT "X"	BEHAVIOR	COL. Q. 5		COL. Q. 6																													
		Yes	No	Anemia	Arteriosclerosis/Atherosclerosis	Bone problem in adults	Bone development in children	Cancer	Clogged arteries	Colitis	Constipation	Coronary disease	Dental problems	Diabetes	Digestive problems	Diverticulitis	Hardening of the arteries	Heart attack/Heart disease	High blood pressure	High blood cholesterol	Hyperactivity	Hypertension	Iron-poor blood	Irrregularity	Kidney disease	Obesity	Osteoporosis	Overweight	Stroke	Health problem not specified	Other disease/problem		
	a. How much fat a person eats?	1 12	2 11	01 21	02	03	04	05	06	07	08	09	10	11 22	12	13	14	15	16	17	18	19	20	21 23	22	23	24	25	26	27	0	(EXPLAIN)	24
	b. How much saturated fat a person eats?	1 13	2 12	01 25	02	03	04	05	06	07	08	09	10	11 26	12	13	14	15	16	17	18	19	20	21 27	22	23	24	25	26	27	0	(EXPLAIN)	24
	c. How much fiber a person eats?	1 14	2 11	01 29	02	03	04	05	06	07	08	09	10	11 30	12	13	14	15	16	17	18	19	20	21 31	22	23	24	25	26	27	0	(EXPLAIN)	24
	d. How much salt or sodium a person eats?	1 15	2 10	01 33	02	03	04	05	06	07	08	09	10	11 34	12	13	14	15	16	17	18	19	20	21 35	22	23	24	25	26	27	0	(EXPLAIN)	24
	e. How much calcium a person eats?	1 16	2 09	01 37	02	03	04	05	06	07	08	09	10	11 38	12	13	14	15	16	17	18	19	20	21 39	22	23	24	25	26	27	0	(EXPLAIN)	24
	f. How much cholesterol a person eats?	1 17	2 08	01 41	02	03	04	05	06	07	08	09	10	11 42	12	13	14	15	16	17	18	19	20	21 43	22	23	24	25	26	27	0	(EXPLAIN)	24
X	g. How much sugar a person eats?	1 18	2 07	01 45	02	03	04	05	06	07	08	09	10	11 46	12	13	14	15	16	17	18	19	20	21 47	22	23	24	25	26	27	0	(EXPLAIN)	24
	h. How much iron a person eats?	1 19	2 06	01 49	02	03	04	05	06	07	08	09	10	11 50	12	13	14	15	16	17	18	19	20	21 51	22	23	24	25	26	27	0	(EXPLAIN)	24
	i. Being overweight?	1 20	2 05	01 53	02	03	04	05	06	07	08	09	10	11 54	12	13	14	15	16	17	18	19	20	21 55	22	23	24	25	26	27	0	(EXPLAIN)	24



7. Do you consider yourself to be:

(READ)

Overweight,	1
Underweight, or	2
About right?	3

8. On a scale from 1 to 6, where "1" is "Strongly Disagree" and "6" is "Strongly Agree," tell me how much you agree or disagree with each of these statements.

**INTERVIEWER INSTRUCTIONS** SAY, AS NEEDED: Remember, answer "1" if you "Strongly Disagree" and "6" if you "Strongly Agree" with the statement, or use any other number in between.

(START AT "X")	(READ)	Strongly Disagree	Strongly Agree	Don't Know
X	a. Eating a variety of foods each day probably gives you all the vitamins and minerals you need	1 2 3 4 5 6		8
	b. Some people are born to be fat and some thin; there is not much you can do to change this	1 2 3 4 5 6		8
	c. If you take a vitamin-mineral supplement each day, eating a variety of foods is not necessary	1 2 3 4 5 6		8
	d. Different kinds of fiber in food have different health benefits	1 2 3 4 5 6		8
	e. Starchy foods, like potatoes and rice, make people fat	1 2 3 4 5 6		8
	f. Most starchy foods have many vitamins and minerals	1 2 3 4 5 6		8
	g. There are so many recommendations about healthy ways to eat, it's hard to know what to believe	1 2 3 4 5 6		8
	h. What you eat can make a big difference in your chance of getting a disease, like heart disease or cancer	1 2 3 4 5 6		8
	i. The things I eat and drink now are healthy so there is no reason for me to make changes	1 2 3 4 5 6		8
	j. The current laws adequately protect me from eating foods with dangerous amounts of pesticide residues in them	1 2 3 4 5 6		8
	k. The health risks of pesticide residues in food are well understood	1 2 3 4 5 6		8
	l. Pesticides should not be used on crops grown for food because the risks are greater than the benefits	1 2 3 4 5 6		8

9. Based on your knowledge, which has more fiber in a serving: (READ EACH PAIR STARTING AT "X" AND THEN WAIT FOR AN ANSWER)

	a. Fruit or,	1	25
	Meat?	2	
	b. Cornflakes, or	1	26
	Oatmeal?	2	
X	c. Whole wheat bread, or	1	27
	White bread?	2	
	d. Orange juice, or	1	28
	An apple?	2	
	e. Kidney beans, or	1	29
	Lettuce?	2	
	f. Popcorn, or	1	30
	Pretzels?	2	

10. Ounce for ounce, which is highest in calories? Would you say butter, sugar, potatoes or straight alcohol? (CIRCLE CODE IN COL. Q.10)

11. Which is the next highest? Is it: (READ THE REMAINING CHOICES AND CIRCLE CODE IN COL. Q.11)

	31 COL. Q.10	32 COL. Q.11
Butter,	1	1
Sugar,	2	2
Potatoes, or	3	3
Straight alcohol?	4	4
(DO NOT READ) Don't know	8	8

12. Based on your knowledge, which has more cholesterol: (READ EACH PAIR STARTING AT "X" AND THEN WAIT FOR AN ANSWER)

X	a. Liver, or	1	33
	T-bone steak?	2	
	b. Butter, or	1	34
	Margarine?	2	
	c. Egg whites, or	1	35
	Egg yolks?	2	
	d. Skim milk, or	1	36
	Whole milk?	2	

13. Which has more fat: (READ EACH PAIR STARTING AT "X" AND THEN WAIT FOR AN ANSWER)

a.	Regular hamburger, or	1
	Ground round?	2
b.	Loin pork chops, or	1
	Pork spare ribs?	2
c.	Hot dogs, or	1
	Ham?	2
X	d. Peanuts, or	1
	Popcorn?	2
e.	Yogurt, or	1
	Sour cream?	2
f.	Porterhouse steak, or	1
	Round steak?	2
g.	Ice cream, or	1
	Sherbet?	2
h.	Roast chicken leg, or	1
	Fried chicken leg?	2

14. Which kind of fat is more likely to be a liquid rather than a solid: (READ)

	Saturated fats,	1
	Polyunsaturated fats, or	2
	Are they equally likely to be liquids?	3
(DO NOT READ)	Don't know	8

15. If a food is labeled cholesterol free, is it also: (READ)

	Low in saturated fat,	1
	High in saturated fat, or	2
	It could be either high or low in saturated fat?	3
(DO NOT READ)	Don't know	8

16. Is cholesterol found in: (READ)

47

	Vegetables and vegetable oils,	1
	Animal products like meat and dairy products, or	2
	<u>All</u> foods containing fat or oil?	3
(DO NOT READ)	Don't know	8

17. If a product is labeled as containing only vegetable shortening is it: (READ)

48

	Low in saturated fat, or	1
	High in saturated fat, or	2
	It could be either high or low in saturated fat?	3
(DO NOT READ)	Don't know	8

18. Think now about cooking and preparing food. About how much time do you usually spend when you make the main meal of the day?

53

# OF: \_\_\_\_\_  
49~52

HOURS	1
MINUTES	2

19. Typically how long after you cook a meat, egg or dairy product do you refrigerate it? Please include all time it remains at room temperature after you cook it, including time it sits out before, during and after a meal.

58

# OF: \_\_\_\_\_  
54~57

HOURS	1
MINUTES	2

20. What would you say is the longest time that you have left this type of food sitting at room temperature during the past year?

63

# OF: \_\_\_\_\_  
59~62

HOURS	1
MINUTES	2

21. Do you: (READ)

	Yes	No	
a. Usually add salt to foods when you prepare them for yourself or your family?	1	2	12
b. Cook meat or poultry without added fat most of the time?	1	2	13
c. Use low-fat or skim milk instead of whole milk in cooking?	1	2	14
d. Ever replace whole eggs with egg whites in recipes?	1	2	15
e. Cut the amount of sugar in recipes?	1	2	16
f. Wash fresh fruits and vegetables thoroughly with water before eating them?	1	2	17
g. Eat the outer leaves of leafy vegetables such as lettuce and cabbage?	1	2	18
h. Usually peel fresh fruits such as apples before eating them?	1	2	19
i. Usually peel fresh vegetables such as cucumbers before eating them?	1	2	20
j. Usually use products specially made to have less salt, such as those labeled "no salt added," when you have a choice between lower-salt products and regular products?	1	2	21

22. After you have used a knife or cutting board for cutting raw meat or poultry, do you use it again as it is, do you rinse with water, do you wash it with soap, or do you do something else?

22

Use as it is	1
Rinse it with water	2
Wash with soap	3
Something else (EXPLAIN) _____	0

3.) Now let's talk a little bit about grocery shopping. I'm going to read some things that may be important when a person shops for food. On a scale from 1 to 6, where "1" is "Not at All Important" and "6" is "Very Important," tell me how important each thing is to you when you shop for food. (READ, STARTING AT "X")

**INTERVIEWER INSTRUCTIONS** SAY AS NEEDED: Remember, answer "1" if the thing is "Not at All Important" to you and "6" if it is "Very Important" to you, or use any other number in between.

(START AT "X")		<u>Not at All Important</u>					<u>Very Important</u>	
	a. Product safety?	1	2	3	4	5	6	2.3
	b. Nutrition?	1	2	3	4	5	6	2.4
	c. Price?	1	2	3	4	5	6	2.5
X	d. How well the food keeps?	1	2	3	4	5	6	2.6
	e. How easy the food is to prepare?	1	2	3	4	5	6	2.7
	f. Taste?	1	2	3	4	5	6	2.8

24.

I am going to read some types of information that may be on food packages or labels. For each, please tell me if you use that type of information often, sometimes, rarely, or never: (READ EACH STATEMENT, STARTING AT "X" AND THEN WAIT FOR AN ANSWER: SAY AFTER STATEMENT, AS NEEDED: Would you say you use that type of information often, sometimes, rarely, or never?)

(START AT "X")		Often	Some-times	Rarely	Never
	a. The list of ingredients that tells the contents of the item	1	2	3	4 <sub>2</sub>
	b. Statements about health benefits of the food	1	2	3	4 <sub>3</sub>
	c. The calories in a serving	1	2	3	4 <sub>3</sub>
	d. The sodium content of the food	1	2	3	4 <sub>3</sub>
	e. The vitamin or mineral content of the food	1	2	3	4 <sub>3</sub>
	f. The fiber content of the food	1	2	3	4 <sub>3</sub>
	g. The fat content of the food	1	2	3	4 <sub>3</sub>
	h. The cholesterol content of the food	1	2	3	4 <sub>3</sub>
	i. The sugar content of the food	1	2	3	4 <sub>3</sub>
	j. Defrosting instructions	1	2	3	4 <sub>3</sub>
	k. Cooking instructions	1	2	3	4 <sub>3</sub>
	l. Recipes	1	2	3	4 <sub>4</sub>
X	m. Storage instructions	1	2	3	4 <sub>4</sub>



25. How often do you compare the nutrients, such as protein, fat or vitamins, for different brands of the same food? Would you say: (READ)

42

Always,	1
Sometimes,	2
Rarely, or	3
(SKIP TO Q.27) Never?	4

26. When you are comparing nutrients such as protein, fat or vitamins for different brands of the same food, is it a problem that serving sizes for different brands are not always the same? Would you say that it is: (READ)

43

Very much a problem,	1
Somewhat of a problem, or	2
Not at all a problem?	3

27. The last set of questions covers food safety. In general would you say that your concern about food safety is: (READ)

44

Higher now than a year ago?	1
Lower now than a year ago, or	2
About the same?	3
(DO NOT READ) Don't know	8

28. Do you consider the following to be safe or not safe: (READ, STARTING AT "X")

(START AT "X")		Safe	Not Safe	Don't Know
	a. Foods that have been treated by irradiation? (IF ASKED, SAY: Irradiation is the process of applying energy in the form of X-rays, gamma rays or electrons to food in a food processing facility)	1	2	8
	b. Meat from animals that have been given antibiotics at approved levels?	1	2	8
	c. Meat from animals that have been given hormones at approved levels?	1	2	8
	d. Foods made at home with raw eggs, such as homemade ice cream or homemade mayonnaise?	1	2	8
	e. Beef that is very rare?	1	2	8
	f. Meat that has nitrite?	1	2	8
	g. Foods that have been grown using pesticides at approved levels to control insects, plant diseases, weeds, and such?	1	2	8
	h. Fruits and vegetables that have been coated with wax?	1	2	8
	i. Foods that may contain pesticide residues in amounts allowed by law?	1	2	8
	j. Foods that contain additives or preservatives?	1	2	8
	k. Foods with artificial coloring?	1	2	8
	l. Foods that have been imported from other countries?	1	2	8
	m. Cooked fish?	1	2	8
X	n. Raw shellfish, like oysters and clams?	1	2	8

29. Some people are more concerned about food safety than others. Which one of the following issues, if any, concerns you the most: (READ)

59

(CIRCLE ONLY ONE CODE)

	Drug residues in animal products,	1
	Pesticide residues on fruit and vegetables,	2
	Bacteria and parasites in foods,	3
	Food additives, or	4
	Are you not concerned about any of these?	5
(DO NOT READ)	Don't know	8

30. Do you ever buy store-prepared foods containing meat or poultry from supermarkets, that is, foods that are sold either hot or cooked and then refrigerated?

60

Yes	1
No	2

31. Compared with home-prepared foods, would you say that store-prepared foods are more safe, as safe or less safe?

61

More safe	1
As safe	2
Less safe	3

32. INTERVIEWER: Was this interview conducted in:

62

English,	1
Spanish, or	2
Another language?	3

THANK RESPONDENT AND RECORD TIME ON COVER

## **APPENDIX B**

**NATIONAL ANALYSTS  
FIELD DEPARTMENT**

TO: ALL USDA INTERVIEWERS

FROM: Debi Williams, Jeanette Myles, John O'Hearn,  
Ida Vaughter, Karen Johnson

DATE: March 28, 1991

RE: INTERVIEWING GUIDELINES TO REMEMBER

As we begin Year 3, there are some things we would like you to keep in mind.

**CEREAL**

- Presweetened cereals are sugar coated only, this does not mean sugar in the ingredients. Brand names are required.

**MEAT**

- We always need a full description of the meat. Record how it was prepared, if raw or cooked weight, and with or without bone or fat.
- Hot Dogs - record beef, chicken, turkey or pork. Weight of entire package or number of hotdogs in a package. We need individual weight or size of each hotdog.
- Ground Meat - specify beef, turkey, chicken or pork. If beef - report ground chuck, lean, extra-lean or regular.
- Chicken - always give specific name of part of chicken. Report size of legs or breasts and if breast is half or whole. Small, medium, or large. For example: 1/2 of a medium size half breast. Record leg as drumstick, thigh or both drumstick and thigh.
- Orange Juice - You do not have to ask if calcium added
- Pizza - report diameter of whole pizza and the number of slices. Also, record the number slices that have been consumed or the dimensions of individual slices. Thin or thick crust.

- Sodas - do not use the word regular in cola sodas to mean with sugar and caffeine. Report diet or caffeine free. Coke Classic is acceptable.
- Vegetables - when reported in volume/cup, state raw or cooked weight.

#### **INTAKES**

- Forgotten Questions - 1, 2, 3, 7, 8, 9, and 12 are often forgotten. As a final check before mailing, please see that these questions have answers.
- Dates - Day 1 intake date should be the day **before** the Household Questionnaire is completed. **No Exceptions.**

Day 3 Intake - Please be careful with questions 15, 16, 17. Question 16 is the number of times consumed. Question 17 is the amount consumed each time reported in question 16 - Not total amount.

Obtain as much information as you can on foods eaten away from home. Please indicate Don't Know (DK) when information is not available.

#### **INCOME**

- Report last month's income in question 57 and the source/sources of that amount in question 58. Last year's income is recorded in question 60 only
- We must have income questions answered on the screeners if a respondent refuses to state dollar amount please ask if it is over or under the income limit, we cannot accept interviews with income questions refused on screener.

The elimination of the above problems avoids call from Field Editors for missing information. Your time is valuable to us. Thanks for a good job; lets make it even greater.

DW/jm

**NATIONAL ANALYSTS  
FIELD DEPARTMENT**

TO: ALL USDA INTERVIEWERS  
FROM: Debi Williams, Field Administrator  
1-(800)-342-9101  
DATE: April 28, 1991  
RE: CSFII YEAR 3 WAVE 1

**DEADLINE DATE IS FRIDAY JUNE 21, 1991**

Welcome to a "New Year", Year 3 is here and I know everyone has been anxiously awaiting their Wave 1 assignments.

Thanks for doing such a great job with the listings - it seems like the weather held up for us this year, with only few exceptions we had gorgeous weather.

If you are still holding Wave 4 work (which I know you're not) you should give me a call immediately, I have to account for every screener sent out.

I know everyone is concerned about the cost of gasoline-and so are we. We are working on this problem now, in the meantime I do have a few suggestions:

- \* Do not go to a household everyday unless you have an interview or a pick-up in the area. Proper procedure: if you go to a household in the afternoon and find no one home do not go back to that household until first attempting a week-end visit. The result of going out at the same time every visit is very non-productive.

Please attempt to do as much as you can while you are out in the field (DHK'S, CSFII, Pick-Ups of Day 2 & 3 Intakes) it really saves time and gas.

Please do not subtract 50 miles from your mileage. Record all mileage to and from HU on your payment record. I will subtract the 50 miles.

We are not sending small postage paid envelopes this wave because we are trying to get everyone to send in payment records with their completed work. Remember there is a delay when we receive work without a payment record. Also, I know many of you are working on several different studies. Do not combine work on your payment records - each study must be listed on separate payment forms.

Please remember, problems with payment will only be examined on **Wednesday's**,-- we do not have the staff or time for daily checks on payment records. Jeanette Myles will handle questions pertaining to checks, (this involves what segments you were paid for on certain checks and any discrepancies which might occur). Jeanette cannot help you with money problems, those type of problems only I can help you with. Please do not call the accounting department for check breakdowns--these type of questions have to go through the Field Department. Jeanette can only look up problems for USDA.

I know some of you are wondering when I would notice that I.D. cards have expired. "**I've noticed**". Please send in a picture about the size of a passport photo when you send in your work, and we will send you a new card (I know we've been slow getting I.D.'s back but please be patient we are making every effort to get it done swiftly).

You must call in your reports on Monday or Friday of each week. Remember you do not need to speak directly with me, you may give report to any of the USDA staff.

The following is an introduction of the USDA staff 1991:

**Jeanette Myles** - can take reports, can help with payment breakdowns (on Wednesday only), as well as editing or intake problems.

**John O' Hearn** - check in clerk. He'll call you if documents come in with pieces missing, or without a payment record. John can also help with editing or intake problems.

**Karen Johnson and Ida Vaughter** - are for all editing or intake problems can and take reports.

**Jeanette, John, Karen and Ida** may call you about missing information. Please help them as much as you can.



When they call you please try to be patient and give them all of the necessary information. We know and appreciate the time and care you spend on each interview.

**Bette Davis** is in charge of The Diet & Health Knowledge Questionnaires. If you have any problems or questions please give her a call.

When sending in work please do not wait until the last minute to mail. We will not accept Federal Express expenses on this study and will deduct \$5.00 from payment records for each package sent to us. Remember, assignments should be spread out over the course of the wave - we do not want all interviewing done in a segment during the same time period. Please spread out your interviewing time.

We will send back all documents that have an excessive amount of problems. Payment will be held until the document is completed. We cannot pay for incomplete work.

Also, check carefully for income on income eligible screeners, we have had a few respondents interviewed who were ineligible. Please check carefully for income.

Good luck with this wave of the project and if I or any of the USDA staff can be of any assistance please feel free to give us a call.

DW/jm

## **APPENDIX C**

**USDA CSFII 1991**  
**- National Training Conference -**  
**Agenda**

**DAY 1**

<u>Time</u>	<u>Activity</u>
8:30 AM - 9:00 AM	Sign In and Set Up
9:00 AM - 9:30 AM	Introductions and Orientation
9:30 AM - 10:15 AM	Introduction to Screening Forms
10:15 AM - 10:30 AM	<b>BREAK</b>
10:30 AM - 12:00 PM	Introduction to CSFII Household Questionnaire
12:00 PM - 1:00 PM	<b>LUNCH</b>
1:00 PM - 2:45 PM	Introduction to Individual Intake Recording
2:45 PM - 3:00 PM	<b>BREAK</b>
3:00 PM - 4:00 PM	Practice Intake Record
4:00 PM - 4:30 PM	Homework Assignment

**DAY 2**

8:30 AM - 9:00 AM	Set Up
9:00 AM - 10:15 AM	Review and Introduction to Day 2 and 3 Intake
10:15 AM - 10:30 AM	<b>BREAK</b>
10:30 AM - 12:00 PM	Review and Introduction Continued
12:00 PM - 1:00 PM	<b>LUNCH</b>
1:00 PM - 2:45 PM	Practice Interview
2:45 PM - 3:00 PM	<b>BREAK</b>
3:00 PM - 4:00 PM	Introduction to DHK
4:00 PM - 4:30 PM	Homework Assignment

**USDA CSFII 1991**  
**- National Training Conference -**  
**Agenda**  
**(Continued)**

**DAY 3**

8:30 AM - 9:00 AM	Set Up
9:00 AM - 10:00 AM	One-on-One Review
10:30 AM - 11:00 AM	Group Review
11:00 AM - 12:30 PM	Role Play II
12:30 PM - 1:30 PM	<b>LUNCH</b>
1:30 PM - 2:30 PM	Sampling and Nonresponse Issues
2:30 PM - 3:15 PM	Field Issues
3:15 PM On	Review and Summation

## **APPENDIX D**

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
1-2	2		RECORD IDENTIFICATION NO.	15
3-7	5		HOUSEHOLD IDENTIFICATION NO.	
8-9	2		BLANK	
10-13			SEGMENT CODE (FOR CSFII 1991):	
10	1		DESIGNATION OF SAMPLE CODE	1 - BASIC 2 - LOW INCOME
11	1		WAVE OF SEGMENT	1 - 8
12	1		PSU REPLICATE WITHIN STRATUM	1 - 1ST REPLICATE 2 - 2ND REPLICATE
			STRATUM (THREE FIELDS):	
13	1		URBANIZATION CODE	1 - CENTRAL CITIES 2 - SUBURBAN (METRO) AREAS 3 - NON-METRO AREAS
14	1		GEOGRAPHIC DIVISION	1 - NEW ENGLAND 2 - MIDDLE ATLANTIC 3 - EAST NORTH CENTRAL 4 - WEST NORTH CENTRAL 5 - SOUTH ATLANTIC 6 - EAST SOUTH CENTRAL 7 - WEST SOUTH CENTRAL 8 - MOUNTAIN 9 - PACIFIC
15	1		STRATUM WITHIN URBANIZATION / GEOGRAPHIC DIVISION MATRIX	1 - 6
16-17	2		AREA SEGMENT WITHIN PSU	01 - 99
18-20	3		HOUSING UNIT NUMBER WITHIN AREA SEGMENT	001 - 999
21	1		QUARTER	0 - CSFII DRESS REHEARSAL 1 - FIRST QUARTER 2 - SECOND QUARTER 3 - THIRD QUARTER 4 - FOURTH QUARTER

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
22	1		REGION	1- NORTHEAST 2- MIDWEST 3- SOUTH 4- WEST
23-24	2		HOUSEHOLD SIZE - HH QB (ACTUAL NUMBER OF PERSONS IN HOUSEHOLD INCLUDING ROOMERS, BOARDERS AND EMPLOYEES	
25-27	3		INDIVIDUAL SAMPLING WEIGHT DATE OF HOUSEHOLD INTERVIEW	
28-29	2		MONTH	01 - 12
30-31	2		DAY	01 - 31
32	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1991 1 - 1991
33	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY
34	1		BLANK	

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
35-41	6	0	INCOME BEFORE TAXES FOR PREVIOUS YEAR HH Q60	0 - 9999996 9999997 - NOT HOUSEHOLD IN PREVIOUS YEAR 9999998 - DON'T KNOW 9999999 - NO ANSWER
42-43	2		INCOME CODE - HH Q60 (SELECTED BY RESPONDENT WHEN ACTUAL LAST YEAR'S INCOME NOT GIVEN)	00 - ZERO INCOME 01 - UNDER 1000 02 - 1000 - 1999 03 - 2000 - 2999 04 - 3000 - 3999 05 - 4000 - 4999 06 - 5000 - 5999 07 - 6000 - 6999 08 - 7000 - 7999 09 - 8000 - 8999 10 - 9000 - 9999 11 - 10000 - 12499 12 - 12500 - 14999 13 - 15000 - 17499 14 - 17500 - 19499 15 - 20000 - 24999 16 - 25000 - 29999 17 - 30000 - 34999 18 - 35000 - 39999 19 - 40000 - 44999 20 - 45000 - 49999 21 - 50000 - OR MORE 98 - DON'T KNOW 99 - NO ANSWER/REFUSED SPACE - NOT APPLICABLE
44-46	3		BLANK	
47-50	4		INTERVIEWER NUMBER	0001 - 9999



1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
51	1		BLANK	
52-53	2		TOTAL HOUSEHOLD MEMBERS EXCLUDING ROOMERS, BOARDERS, AND EMPLOYEES (CALCULATED VARIABLES)	ACTUAL COUNT
54	1		IS HOUSEHOLD RECEIVING FOOD STAMPS AT PRESENT TIME    HH Q64	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
55-68	15		BLANK	

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
69	1		HOW OFTEN DOES SOMEONE DO A MAJOR FOOD SHOPPING HH Q1.	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 - NO ANSWER
70	1		WHAT KIND OF STORE IS THIS FOOD SHOPPING DONE. HH Q2. (BLANK IF COLUMN 69 IS A 5,8 OR 9)	1 - SUPERMARKET 2 - SMALL STORE 3 - SOME PLACE ELSE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
71-73	3	0	HOW FAR FROM YOUR HOME IS THIS STORE HH Q3 (BLANK IF COLUMN 69 IS A 5,8 OR 9)	01 - 97 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
74	1		UNITS AWAY HH Q3 (BLANK IF COLUMN 69 IS A 5,8 OR 9)	1 - BLOCKS 2 - MILES 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
75-77	3	0	HOW MUCH WAS SPENT AT GROCERY STORE IN THE LAST THREE MONTHS HH Q4	000-996 997- 1000 OR OVER 998- DON'T KNOW 999- NO ANSWER
78	1		UNIT OF TIME HH Q4	1 - PER WEEK 2 - PER MONTH 8 - DON'T KNOW 9 - NO ANSWER 0 - NONE
79-81	3	0	HOW MUCH WAS SPENT ON NON-FOOD ITEMS HH Q5	000-996 997- 1000 OR OVER 998- DON'T KNOW 999- NO ANSWER
82	1		UNIT OF TIME HH Q5	1 - PER WEEK 2 - PER MONTH 8 - DON'T KNOW 9 - NO ANSWER 0 - NONE

1991 CSF11 HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
83-85	3	0	HOW MUCH WAS SPENT AT SPECIALTY STORE IN THE LAST THREE MONTHS HH Q6	000-996 997- 1000 OR OVER 998- DON'T KNOW 999- NO ANSWER
86	1		UNIT OF TIME HH Q6	1 - PER WEEK 2 - PER MONTH 8 - DON'T KNOW 9 - NO ANSWER 0 - NONE
87-89	3	0	HOW MUCH WAS SPENT ON FOOD BOUGHT AND EATEN AWAY FROM HOME IN THE LAST THREE MONTHS HH Q7	000-996 997- 1000 OR OVER 998- DON'T KNOW 999- NO ANSWER
90	1		UNIT OF TIME HH Q7	1 - PER WEEK 2 - PER MONTH 8 - DON'T KNOW 9 - NO ANSWER 0 - NONE

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
91-92	2	0	HOW MANY PERSONS REGULARLY LIVE IN THIS HOUSEHOLD HH Q8	00-97 99- NO ANSWER
93	1		IS THERE A MALE HEAD OF HOUSEHOLD HH Q9	1 - YES 2 - NO 9- NO ANSWER
94	1		IS THERE A FEMALE HEAD OF HOUSEHOLD HH Q15	1 - YES 2 - NO 9- NO ANSWER
95	1		IS THERE ANYONE THAT IS OF DIFFERENT RACE THAN THE MALE OR FEMALE HEAD HH Q24	1 - YES 2 - NO 9- NO ANSWER
96	1		IS THERE ANYONE IN THIS HOUSEHOLD WHO IS OF HISPANIC ORIGIN OR DESCENT HH Q26	1 - YES 2 - NO 9- NO ANSWER
97-98	2	0	HOUSEHOLD RESPONDENT'S LINE NUMBER HH Q28	01-25 50 - RESPONDENT NOT A HH MEMBER BUT IS MMP-SHOPPER- PREPARER.

1991 CSF11 HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
99	1		IN REGARD TO THIS DWELLING, IS THE PROPERTY: HH Q33	1 - OWNED OUTRIGHT OR BEING BOUGHT BY SOMEONE IN HOUSEHOLD 2 - RENTED WITH PAYMENT REQUIRED 3 - OCCUPIED WITHOUT PAYMENT OF RENT 8 - DON'T KNOW 9 - NO ANSWER
100	1		PLANS MEALS HH Q34	1 - FEMALE HEAD ONLY 2 - MALE HEAD ONLY 3 - FEMALE AND MALE HEAD 4 - FEMALE HEAD AND SOMEONE ELSE 5 - MALE HEAD AND SOMEONE ELSE 6 - SOMEONE OTHER THAN THESE 9 - NO ANSWER
101	1		WHO DOES FOOD SHOPPING HH Q35	1 - FEMALE HEAD ONLY 2 - MALE HEAD ONLY 3 - FEMALE AND MALE HEAD 4 - FEMALE HEAD AND SOMEONE ELSE 5 - MALE HEAD AND SOMEONE ELSE 6 - SOMEONE OTHER THAN THESE 9 - NO ANSWER
102	1		WHO PREPARES FOOD HH Q36	1 - FEMALE HEAD ONLY 2 - MALE HEAD ONLY 3 - FEMALE AND MALE HEAD 4 - FEMALE HEAD AND SOMEONE ELSE 5 - MALE HEAD AND SOMEONE ELSE 6 - SOMEONE OTHER THAN THESE 9 - NO ANSWER

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
103	1		ARE ANY WOMEN IN THIS HOUSEHOLD PREGNANT HH Q37	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
104	1		IS ANY MEMBER OF THIS HOUSEHOLD RECEIVING WIC BENEFITS HH Q43	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
105	1		WHICH BEST DESCRIBES THE FOOD EATEN IN YOUR HOUSEHOLD HH Q54	1 - ENOUGH OF THE KINDS OF FOOD WE WANT TO EAT 2 - ENOUGH BUT NOT ALWAYS WHAT WE WANT TO EAT 3 - SOMETIMES NOT ENOUGH TO EAT 4 - OFTEN NOT ENOUGH TO EAT 8 - DON'T KNOW 9 - NO ANSWER
106	1		DOES ANYONE IN THIS HOUSEHOLD OPERATE A FARM OR RANCH HH Q55	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
107	1		DURING THE PAST YEAR, DID SALES OF CROPS LIVESTOCK AND OTHER FARM PRODUCTS AMOUNT TO \$1,000 OR MORE HH Q56 (BLANK IF COLUMN 106 IS A 2,8, OR 9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
108-113	6	0	WHAT WAS THE TOTAL HOUSEHOLD INCOME LAST MONTH BEFORE TAXES HH Q57	000000-999997 999998 - DON'T KNOW 999999 - NO ANSWER

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
114	1		INCOME FROM WAGES OR SALARY HH Q58a	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
115-121	7	0	AMOUNT FROM WAGES HH Q59a,a (BLANK IF COLUMN 114 IS A 2,8, OR 9)	0000000-9999997 9999998 - DON'T KNOW 9999999 - NO ANSWER SPACE - NOT APPLICABLE
122	1		INCOME FROM SS/SSI HH Q58b	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
123-128	6	0	AMOUNT FROM SS/SSI HH Q59a,b (BLANK IF COLUMN 122 IS A 2,8, OR 9)	000000-999997 999998 - DON'T KNOW 999999 - NO ANSWER SPACE - NOT APPLICABLE
129	1		INCOME FROM PENSION HH Q58c	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
130-135	6	0	AMOUNT FROM PENSION HH Q59a,c (BLANK IF COLUMN 129 IS A 2,8, OR 9)	000000-999997 999998 - DON'T KNOW 999999 - NO ANSWER SPACE - NOT APPLICABLE
136	1		INCOME FROM UNEMPLOYMENT HH Q58d	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
137-142	6	0	AMOUNT FROM UNEMPLOYMENT HH Q59a,d (BLANK IF COLUMN 136 IS A 2,8, OR 9)	000000-999997 999998 - DON'T KNOW 999999 - NO ANSWER SPACE - NOT APPLICABLE

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
143	1		INCOME FROM AFDC/ PUBLIC ASSISTANCE HH Q58e	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
144-149	6	0	AMOUNT FROM AFDC/ PUBLIC ASSISTANCE HH Q59a,e (BLANK IF COLUMN 143 IS A 2,8, OR 9)	000000-999997 999998 - DON'T KNOW 999999 - NO ANSWER SPACE - NOT APPLICABLE
150	1		INCOME FROM OTHER SOURCE HH Q58f	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
151-156	6	0	AMOUNT FROM OTHER SOURCE HH Q59a,f (BLANK IF COLUMN 150 IS A 2,8, OR 9)	000000-999997 999998 - DON'T KNOW 999999 - NO ANSWER SPACE - NOT APPLICABLE
157	1		SPENDABLE INCOME FROM OWN BUSINESS OR FARM HH Q58g	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
158-164	7	0	AMOUNT OF SPENDABLE INCOME HH Q59b,g (BLANK IF COLUMN 157 IS A 2,8, OR 9)	0000000-9999997 9999998 - DON'T KNOW 9999999 - NO ANSWER SPACE - NOT APPLICABLE
165	1		SPENDABLE INTEREST, DIVIDENDS, ANNUITIES HH Q58h	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
166-172	7	0	AMOUNT OF SPENDABLE INTEREST, DIVIDENDS ANNUITIES HH Q59b,h (BLANK IF COLUMN 165 IS A 2,8, OR 9)	0000000-9999997 9999998 - DON'T KNOW 9999999 - NO ANSWER SPACE - NOT APPLICABLE



1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
173-174	2		BLANK	
175	1		DOES ANY MEMBER HAVE SAVINGS OR ASSETS MORE THAN \$5,000 HH Q61	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
176	1		WHICH OF THE FOLLOWING BEST REPRESENTS THE TOTAL SAVINGS OR ASSETS OF ALL HOUSEHOLD MEMBERS HH Q62 (BLANK IF COLUMN 175 IS A 1,8, OR 9)	0 - NONE 1 - LESS THAN \$500 2 - 501 TO 1000 3 - 1001 TO 2000 4 - 2001 TO 3000 5 - 3001 TO 4000 6 - 4001 TO 5000 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
177	1		DID ANY MEMBER RECEIVE FOOD STAMPS IN THE PAST 12 MONTH HH Q63  COL. 178 TO 194 BLANK IF COL. 177 = 2,8,OR 9	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
178	1		IS HOUSEHOLD RECEIVING FOOD STAMPS AT THE PRESENT TIME HH Q64 (BLANK IF COLUMN 177 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
179	1		DOES EVERYONE IN YOUR HOUSEHOLD RECEIVE FOOD STAMPS AT THE PRESENT HH Q65 (BLANK IF COLUMN 178 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
180-184	5	0	HOW MUCH INCOME FROM ALL SOURCES DID THE PEOPLE WHO RECEIVE FOOD STAMPS HAVE, BEFORE TAXES HH Q67 (BLANK IF COLUMN 179 IS A 1 OR 178 IS A 2,8, OR 9)	00000 - 99997 99998 - DON'T KNOW 99999 - NO ANSWER SPACE - NOT APPLICABLE

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
 RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
185-186	2	0	FOOD STAMP MONTH HH Q68 (BLANK IF COLUMN 177 OR 178 IS A 2,8, OR 9)	01 - 12 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
187-188	2	0	FOOD STAMP DAY HH Q68 (BLANK IF COLUMN 177 OR 178 IS A 2,8, OR 9)	01 - 31 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
189-190	2	0	FOOD STAMP YEAR HH Q68 (BLANK IF COLUMN 177 OR 178 IS A 2,8, OR 9)	01 - 97 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
191-194	4	0	AMOUNT OF FOOD STAMPS HH Q69 (BLANK IF COLUMN 177 OR 178 IS A 2,8, OR 9)	0001 - 9997 9998 - DON'T KNOW 9999 - NO ANSWER SPACE - NOT APPLICABLE

1991 CSFII HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
195	1		DID HOUSEHOLD RECEIVE ANY USDA SURPLUS IN THE PAST THREE MONTH HH Q70	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
196	1		SURPLUS BUTTER HH Q71 (BLANK IF COLUMN 195 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
197	1		SURPLUS CHEESE HH Q71 (BLANK IF COLUMN 195 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
198	1		SURPLUS PEANUT BUTTER HH Q71 (BLANK IF COLUMN 195 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
199	1		SURPLUS RAISINS HH Q71 (BLANK IF COLUMN 195 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
200	1		SURPLUS OTHER HH Q71 (BLANK IF COLUMN 195 IS A 2,8,9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
201	1		PRIMARY SOURCE OF HOME DRINKING WATER HH Q72	1 - BOTTLED 2 - TAP OR COMMUNITY WATER SUPPLY 8 - DON'T KNOW 9 - NO ANSWER
202	1		IF TAP, WHAT IS THE SOURCE HH Q73 (BLANK IF COLUMN 201 IS A 1,8, OR 9)	1 - WATER COMPANY 2 - WELL 3 - SPRING 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
203	1		MEMBERS OF THIS HOUSEHOLD LIVE IN HH Q74	1 - SINGLE HOUSING UNIT 2 - GROUP QUARTERS 3 - ROOMING HOUSE 0 - OTHER 9 - NO ANSWER
204-205	2		BLANK	

1991 CSF11 HOUSEHOLD FILE FORMAT, 04/01/92  
RECORD TYPE 15

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
206	1		VALIDATED BY	1 - MAIL 2 - PHONE SPACE - NOT APPLICABLE
207-208	2		BLANK	
209	1		WAS VALIDATION COMPLETED	1 - YES 2 - NO SPACE - NOT APPLICABLE
210-211	2		BLANK	
212	1		WAS A CALL BACK REQUIRED	1 - YES 2 - NO SPACE - NOT APPLICABLE
213-215	2		BLANK	
216	1		CALLBACK MADE TO (BLANK IF COLUMN 212 IS 2)	1 - INTERVIEWER BY MAIL 2 - INTERVIEWER BY PHONE 3 - RESPONDENT BY PHONE 4 - RESPONDENT BY MAIL
217-550			BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
1-2	2		RECORD IDENTIFICATION NO.	20
3-7	5		HOUSEHOLD IDENTIFICATION NO.	
8-9	2		PERSON NUMBER - HH Q22 (LINE NUMBER)	
10-13			SEGMENT CODE (FOR CSFII 1992):	
10	1		DESIGNATION OF SAMPLE CODE	1 - BASIC 2 - LOW INCOME
11	1		WAVE OF SEGMENT	1 - 8
12	1		PSU REPLICATE WITHIN STRATUM	1 - 1ST REPLICATE 2 - 2ND REPLICATE
			STRATUM (THREE FIELDS):	
13	1		URBANIZATION CODE	1 - CENTRAL CITIES 2 - SUBURBAN (METRO) AREAS 3 - NON-METRO AREAS
14	1		GEOGRAPHIC DIVISION	1 - NEW ENGLAND 2 - MIDDLE ATLANTIC 3 - EAST NORTH CENTRAL 4 - WEST NORTH CENTRAL 5 - SOUTH ATLANTIC 6 - EAST SOUTH CENTRAL 7 - WEST SOUTH CENTRAL 8 - MOUNTAIN 9 - PACIFIC
15	1		STRATUM WITHIN URBANIZATION / GEOGRAPHIC DIVISION MATRIX	1 - 6
16-17	2		AREA SEGMENT WITHIN PSU	01 - 99
18-20	3		HOUSING UNIT NUMBER WITHIN AREA SEGMENT	001 - 999
21	1		QUARTER	0 - CSFII DRESS REHEARSAL 1 - FIRST QUARTER 2 - SECOND QUARTER 3 - THIRD QUARTER 4 - FOURTH QUARTER

1992 CSF11 INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
22	1		REGION	1- NORTHEAST 2- MIDWEST 3- SOUTH 4- WEST
23-24	2		HOUSEHOLD SIZE - HH Q8 (ACTUAL NUMBER OF PERSONS IN HOUSEHOLD INCLUDING ROOMERS, BOARDERS AND EMPLOYEES)	
25-27	3		INDIVIDUAL SAMPLING WEIGHT DATE OF HOUSEHOLD INTERVIEW	
28-29	2		MONTH	01 - 12
30-31	2		DAY	01 - 31
32	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1992 1 - 1992
33	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY
34	2		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
35	7	0	INCOME BEFORE TAXES FOR PREVIOUS YEAR HH Q60	0 - 9999996 9999997 - NOT HOUSEHOLD IN PREVIOUS YEAR 9999998 - DON'T KNOW 9999999 - NO ANSWER
42-43	2		INCOME CODE - HH Q60 (SELECTED BY RESPONDENT WHEN ACTUAL LAST YEAR'S INCOME NOT GIVEN)	00 - ZERO INCOME 01 - UNDER 1000 02 - 1000 - 1999 03 - 2000 - 2999 04 - 3000 - 3999 05 - 4000 - 4999 06 - 5000 - 5999 07 - 6000 - 6999 08 - 7000 - 7999 09 - 8000 - 8999 10 - 9000 - 9999 11 - 10000 - 12499 12 - 12500 - 14999 13 - 15000 - 17499 14 - 17500 - 19999 15 - 20000 - 24999 16 - 25000 - 29999 17 - 30000 - 34999 18 - 35000 - 39999 19 - 40000 - 44999 20 - 45000 - 49999 21 - 50000 AND OVER 98 - DON'T KNOW 99 - NO ANSWER/REFUSED SPACE - NOT APPLICABLE
44	1		IS RESPONDENT FEMALE HEAD	1 - YES 2 - NO
45-46	2		BLANK	
47-50	4		INTERVIEWER NUMBER	0001 - 9999

1992 CSF11 INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
51	1		IS RESPONDENT RECEIVING FOOD STAMPS (CALCULATED FROM HH Q65 AND Q66)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
52-53	2		TOTAL HOUSEHOLD MEMBERS EXCLUDING ROOMERS, BOARDERS, AND EMPLOYEES (CALCULATED VARIABLES)	ACTUAL COUNT
54	1		IS HOUSEHOLD RECEIVING FOOD STAMPS AT THE PRESENT: HH Q64	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
55	1		NUMBER OF DAYS INTAKE WAS REPORTED	0 - 3
56-57	2		RELATIONSHIP TO HEAD CODE HH Q22.2	01 - MALE HEAD 02 - FEMALE HEAD, NO MALE HEAD OR UNABLE TO DETERMINE RELATIONSHIP TO MALE HEAD 03 - CHILD 04 - PARENT 05 - SIBLING 06 - GRANDPARENT 07 - GRANDCHILD 08 - AUNT, UNCLE 09 - OTHER RELATED 10 - SPOUSE 11 - FOSTER CHILD 12 - ROOMMATE, FRIEND 13 - ROOMER, BOARDER 14 - EMPLOYEE 15 - OTHER UNRELATED 98 - DON'T KNOW 99 - NO ANSWER



1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
58-59	2	0	AGE - HH Q22.2 (UNDER 12 MONTHS)	00-11 ACTUAL MONTHS 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
60-62	3	0	AGE - HH Q22.2 (1 YEAR AND OVER)	001-997 ACTUAL AGE IN YEARS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
63	1		SEX CODE	1 - MALE 2 - FEMALE
64	1		PREGNANT/LACTATING WOMAN OR BREAST-FED CHILD (AT PRESENT)	1 - PREGNANT 2 - LACTATING 3 - BOTH PREGNANT AND LACTATING 4 - NOT PREGNANT OR LACTATING (1-4, APPLICABLE ONLY TO WOMEN AGE 12-55) 5 - BREAST-FED 6 - NOT BREAST-FED (5-6, APPLICABLE ONLY TO CHILDREN AGE 3 OR LESS) 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
65	1		RACE - HH Q25	1 - WHITE 2 - BLACK 3 - ASIAN/PACIFIC ISLANDER 4 - ALEUT, ESKIMO, AMERICAN INDIAN 5 - SOME OTHER RACE 8 - DON'T KNOW 9 - NO ANSWER
66	1		ORIGIN (CALCULATED FROM HH Q26 AND Q27)	1 - SPANISH 2 - OTHER THAN SPANISH 8 - DON'T KNOW 9 - NO ANSWER
67	1		IS RESPONDENT MAIN MEAL PLANNER/PREPARER (ANSWERS II Q9,Q10)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER

1987 NFCS INDIVIDUAL FILE FORMAT, 09/11/92 FORMAT, 04/01/89  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODES & RANGES
68-69	2	0	IF RESPONDENT IS PREGNANT, HOW MANY MONTHS HAS SHE BEEN PREGNANT HH Q39	01 - 09 00 - DON'T KNOW/NO ANSWER SPACE - NOT APPLICABLE
70	1		WAS CHILD EVER BREAST-FED - HH Q40 (APPLIES TO RESPONDENTS AGE 3 AND UNDER)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
71-72	2	0	HOW MANY MONTHS WAS CHILD BREAST-FED - HH Q41 (APPLIES TO RESPONDENTS AGE 3 AND UNDER)	01 - 47 MONTHS 50 - STILL BREAST-FED 97 - LESS THAN ONE MONTH 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
73-74	2		IF CHILD IS BEING BREAST-FED AT PRESENT, PERSON NUMBER OF WOMAN BREAST-FEEDING CHILD - HH Q42 (APPLIES TO RESPONDENTS AGE 3 AND UNDER)	01 - 49 50 - NOT MEMBER OF HOUSEHOLD 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
			DATE OF BIRTH OF RESPONDENT: (COLUMNS 75-80 BLANK IF RESPONDENT HAS NO INTAKES)	
75-76	2		MONTH	01 - 12 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
77-78	2		DAY	01 - 31 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
79-80	2		YEAR (LAST TWO DIGITS)	00 - 93 97 - BEFORE 1900 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
81	1		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			COLUMNS 82-87 APPLY TO RESPONDENTS 15 YEARS OF AGE AND OLDER:	
82	1		ACTIVITY LAST WEEK HH Q29	1 - WORKING 2 - EMPLOYED BUT NOT AT WORK 3 - LOOKING FOR WORK OR ON LAYOFF 4 - ATTENDING SCHOOL 5 - KEEPING HOUSE 6 - RETIRED 7 - DISABLED, UNABLE TO WORK 8 - SOMETHING ELSE 0 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
83	1		IF NOT WORKING MOST OF LAST WEEK, WORK AT ALL? HH Q30 (BLANK IF COLUMN 82 IS 1)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
84-86	3	0	HOURS WORKED LAST WEEK HH Q31 (ANSWERED IF 82 = 1 OR 83 = 1)	ACTUAL NUMBER OF HOURS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
87	1		OCCUPATION HH Q32	1 - PROFESSIONAL AND TECHNICAL 2 - MANAGERS, OFFICERS AND PROPRIETORS 3 - FARMERS 4 - CLERICAL OR SALES WORKERS 5 - CRAFTSMEN AND FOREMEN 6 - OPERATIVES 7 - SERVICE WORKERS 0 - OTHER 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			COLUMNS 88-90 APPLY TO RESPONDENTS 15 YEARS OF AGE AND OLDER:	
88-89	2		HIGHEST GRADE OR YEAR OF OF SCHOOL ATTENDED HH Q12/19/32A	00 - NEVER ATTENDED SCHOOL, KINDERGARTEN ONLY 01-12 - GRADES 1 THROUGH 12 13 - FIRST YEAR OF COLLEGE 14 - SECOND YEAR OF COLLEGE 15 - THIRD YEAR OF COLLEGE 16 - FOURTH YEAR OF COLLEGE 17 - FIFTH YEAR OF COLLEGE 18 - MORE THAN FIVE YEARS OF COLLEGE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
90	1		LAST YEAR WAS COMPLETED HH Q13/20/32B (BLANK IF COLUMNS 88-89 ARE 00, 98, 99)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL-FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
COLUMNS 91-103 APPLY TO RESPONDENTS 5 TO 18 YEARS:				
91	1		ATTENDS SCHOOL HH Q45	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
92	1		ATTENDS SCHOOL SERVING SCHOOL LUNCH HH Q46 (BLANK IF COLUMN 91 IS 2,8 OR 9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
93	1		USUAL NUMBER OF SCHOOL LUNCHES PER WEEK HH Q47 (BLANK IF COLUMN 92 IS 2,8, OR 9)	0 - 7 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
94	1		LUNCHES PRICE HH Q48 (BLANK IF COLUMN 93 IS 0,8, OR 9)	1 - FREE 2 - REDUCED 3 - FULL PRICE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
95-97	3		BLANK	
98	1		ATTENDS SCHOOL SERVING SCHOOL BREAKFAST HH Q49 (BLANK IF COLUMN 91 IS 2,8 OR 9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
99	1		USUAL NUMBER OF SCHOOL BREAKFASTS PER WEEK HH Q50 (BLANK IF COLUMN 98 IS 2,8, OR 9)	0 - 7 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
INFORMATION FOR RESPONDENTS 5 TO 18 YEARS OLD CONTINUED:				
100	1		BREAKFASTS PRICE HH Q51 (BLANK IF COLUMN 99 IS 0,8, OR 9)	1 - FREE 2 - REDUCED 3 - FULL PRICE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
101	1		CHILD CARE MEALS/SNACKS ANSWERED FOR A CHILD BETWEEN 1 & 5	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
102-103	2		BLANK	
104	1		RECEIVED WIC BENEFITS HH Q44A	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
105-106	2		HOW LONG, RECEIVING WIC BENEFITS (BLANK IF COLUMN 104 IS 2,8, OR 9) HH Q44B	00 - 97 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
107	1		UNIT OF TIME WIC (BLANK IF COLUMN 104 IS 2,8, OR 9) HH Q44B	1 - MONTHS 2 - YEARS 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
108-109	2		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			INFORMATION FOR MALE HEAD OF HOUSEHOLD IN COLUMNS 110-125. ALL COLUMNS BLANK IF NO MALE HEAD.	
110-111	2		PERSON NUMBER - HH Q10 (LINE NUMBER)	01 - 10 SPACE - NOT APPLICABLE
112-114	3	0	AGE IN YEARS HH Q11	ACTUAL AGE SPACE - NOT APPLICABLE
115	1		ACTIVITY LAST WEEK HH Q29	1 - WORKING 2 - EMPLOYED BUT NOT AT WORK 3 - LOOKING FOR WORK OR ON LAYOFF 4 - ATTENDING SCHOOL 5 - KEEPING HOUSE 6 - RETIRED 7 - DISABLED, UNABLE TO WORK 0 - SOMETHING ELSE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
116	1		IF NOT WORKING MOST OF LAST WEEK, WORK AT ALL? HH Q30 (BLANK IF COLUMN 115 IS 1)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
117-119	3	0	HOURS WORKED LAST WEEK HH Q31 (ANSWERED IF COLUMN 115 IS 1 OR COLUMN 116 IS 1)	ACTUAL NUMBER OF HOURS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
120	1		OCCUPATION HH Q32	1 - PROFESSIONAL AND TECHNICAL 2 - MANAGERS, OFFICERS AND PROPRIETORS 3 - FARMERS 4 - CLERICAL OR SALES WORKERS 5 - CRAFTSMEN AND FOREMEN 6 - OPERATIVES 7 - SERVICE WORKERS 0 - OTHER 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			INFORMATION FOR MALE HEAD OF HOUSEHOLD CONTINUED:	
121-122	2		HIGHEST GRADE OR YEAR OF OF SCHOOL ATTENDED HH Q12	00 - NEVER ATTENDED SCHOOL, KINDERGARTEN ONLY 01-12 - GRADES 1 THROUGH 12 13 - FIRST YEAR OF COLLEGE 14 - SECOND YEAR OF COLLEGE 15 - THIRD YEAR OF COLLEGE 16 - FOURTH YEAR OF COLLEGE 17 - FIFTH YEAR OF COLLEGE 18 - MORE THAN FIVE YEARS OF COLLEGE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
123	1		LAST YEAR WAS COMPLETED HH Q13 (BLANK IF COLUMNS 121-122 ARE 00, 98, 99 )	1 - YFS 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
124	1		RACE HH Q14	1 - WHITE 2 - BLACK 3 - ASIAN/PACIFIC ISLANDER 4 - ALEUT, ESKIMO, AMERICAN INDIAN 5 - SOMETHING ELSE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
125	1		ORIGIN (CALCULATED FROM HH Q26 AND Q27)	1 - SPANISH 2 - OTHER THAN SPANISH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
126	1		BLANK	



1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			INFORMATION FOR FEMALE HEAD OF HOUSEHOLD IN COLUMNS 127 - 144. ALL COLUMNS BLANK IF NO FEMALE HEAD.	
127-128	2		RELATIONSHIP TO MALE HEAD HH Q22.2	02 - FEMALE HEAD, UNABLE TO DETERMINE RELATIONSHIP TO MALE HEAD 03 - CHILD 04 - PARENT 05 - SIBLING 06 - GRANDPARENT 07 - GRANDCHILD 08 - AUNT 09 - OTHER RELATED 10 - WIFE 11 - FOSTER CHILD 12 - ROOMMATE, FRIEND 13 - ROOMER, BOARDER 14 - EMPLOYEE 15 - OTHER UNRELATED PERSON 16 - NO MALE HEAD, FEMALE HEAD 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
129-130	2		LINE NUMBER HH Q16	01 -10 SPACE - NOT APPLICABLE
131-133	3	0	AGE IN YEARS HH Q18	ACTUAL AGE SPACE - NOT APPLICABLE
134	1		ACTIVITY LAST WEEK HH Q29	1 - WORKING 2 - EMPLOYED BUT NOT AT WORK 3 - LOOKING FOR WORK OR ON LAYOFF 4 - ATTENDING SCHOOL 5 - KEEPING HOUSE 6 - RETIRED 7 - DISABLED, UNABLE TO WORK 0 - SOMETHING ELSE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
135	1		IF NOT WORKING MOST OF LAST WEEK, WORK AT ALL? HH Q30 (BLANK IF COLUMN 134 IS 1)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			INFORMATION FOR FEMALE HEAD OF HOUSEHOLD CONTINUED:	
136-138	3	0	HOURS WORKED LAST WEEK HH Q31 (BLANK IF COLUMN 135 IS 2,8, OR 9)	ACTUAL NUMBER OF HOURS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
139	1		OCCUPATION HH Q32	1 - PROFESSIONAL AND TECHNICAL 2 - MANAGERS, OFFICERS AND PROPRIETORS 3 - FARMERS 4 - CLERICAL OR SALES WORKERS 5 - CRAFTSMEN AND FOREMEN 6 - OPERATIVES 7 - SERVICE WORKERS 0 - OTHER 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
140-141	2		HIGHEST GRADE OR YEAR OF SCHOOL ATTENDED HH Q19	00 - NEVER ATTENDED SCHOOL, KINDERGARTEN ONLY 01-12 - GRADES 1 THROUGH 12 13 - FIRST YEAR OF COLLEGE 14 - SECOND YEAR OF COLLEGE 15 - THIRD YEAR OF COLLEGE 16 - FOURTH YEAR OF COLLEGE 17 - FIFTH YEAR OF COLLEGE 18 - MORE THAN FIVE YEARS OF COLLEGE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
142	1		LAST YEAR WAS COMPLETED HH Q20 (BLANK IF COLUMNS 140-141 ARE 00, 98, 99)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			INFORMATION FOR FEMALE HEAD OF HOUSEHOLD CONTINUED:	
143	1		RACE HH Q21	1 - WHITE 2 - BLACK 3 - ASIAN/PACIFIC ISLANDER 4 - ALEUT, ESKIMO, AMERICAN INDIAN 5 - SOMETHING ELSE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
144	1		ORIGIN (CALCULATED FROM HH Q26 AND Q27)	1 - SPANISH 2 - OTHER THAN SPANISH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
145-146	2		BLANK	
			COLUMNS 147 - 254 ARE BLANK IF COLUMN 269 IS 9:	
147	1		HEALTHFULNESS OF DIET II-1 Q15	1 - EXCELLENT 2 - VERY GOOD 3 - GOOD 4 - FAIR 5 - POOR 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
148	1		HOW OFTEN DO YOU ADD SALT TO YOUR FOOD AT THE TABLE (BLANK IF COLUMN 149 IS 4,8,9) II-1 Q16A	1 - RARELY 2 - OCCASIONALLY 3 - VERY OFTEN 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
149	1		WHEN YOU USE SALT AT THE TABLE IS IT II-1 Q16B	1 - ORDINARY SALT 2 - LITE SALT 3 - SALT SUBSTITUTE 4 - NONE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
150	1		ARE YOU ON A SPECIAL DIET II-1 Q17A	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			TYPE OF SPECIAL DIET: (COLUMNS 151 - 166 ALL BLANK IF COLUMN 150 IS 2,8 OR 9)	
151	1		LOW CALORIE/WEIGHT LOSS II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
152	1		SOURCE OF LOW CALORIE (BLANK IF COL 151 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
153	1		LOW FAT/CHOLESTEROL II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
154	1		SOURCE OF LOW FAT (BLANK IF COL 153 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
155	1		LOW SALT/SODIUM II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
156	1		SOURCE OF LOW SALT (BLANK IF COL 155 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 0 - SOME OTHER SOURCE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
157	1		LOW SUGAR/SUGAR FREE II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
158	1		SOURCE OF LOW SUGAR (BLANK IF COL 157 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 0 - SOME OTHER SOURCE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
159	1		LOW FIBER II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
160	1		SOURCE OF DIABETIC (BLANK IF COL 159 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 0 - SOME OTHER SOURCE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
161	1		HIGH FIBER II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
162	1		SOURCE OF OTHER (BLANK IF COL 161 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 0 - SOME OTHER SOURCE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
163	1		DIABETIC II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
164	1		SOURCE OF LOW FIBER (BLANK IF COL 163 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 0 - SOME OTHER SOURCE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
165	1		OTHER II-1 Q17B	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
166	1		SOURCE OF HIGH FIBER (BLANK IF COL 165 IS 2,8 OR 9)	1 - DOCTOR, DIETICIAN 2 - ORGANIZED DIET PROGRAM 3 - DIET READ OR HEARD ABOUT 4 - MADE UP DIET 5 - JOIN ANOTHER PERSON ON THEIR DIET 0 - SOME OTHER SOURCE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
167	1		ARE YOU A VEGETARIAN II-1 Q18	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
168	1		HOW OFTEN DO YOU TAKE VITAMIN OR MINERAL SUPPLEMENTS II-1 Q19	1 - EVERY DAY 3 - EVERY SO OFTEN 4 - NOT AT ALL 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			TYPE OF VITAMIN/MINERAL SUPPLEMENTS: (COLUMNS 169-185 ALL BLANK IF COLUMN 168 IS 4,8,9)	
169	1		MULTIVITAMIN II-1 Q20	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
170	1		MULTIVITAMIN WITH IRON OR OTHER MINERALS II-1 Q20	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
171	1		COMBINATION OF VITAMIN C AND IRON II-1 Q20	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE



1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
172	1		SINGLE VITAMINS AND MINERALS II-1 Q20	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			TYPE OF SINGLE VITAMINS/MINERALS (COLUMNS 173-185 ALL BLANK IF COLUMN 172 IS A 2,8,OR 9)	
173	1		VITAMIN A II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
174	1		VITAMIN B/B COMPLEX II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
175	1		VITAMIN C II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
176	1		VITAMIN D II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
177	1		VITAMIN E II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
178	1		CALCIUM II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
179	1		FOLACIN II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
180	1		FLUORIDE II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
181	1		IRON II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
182	1		ZINC II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

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RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
183	1		SELENIUM II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
184	1		CHROMIUM II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
185	1		OTHER SINGLE VITAMINS/MINERALS II-1 Q21	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
186	1		FISH OIL SUPPLEMENTS II-1 Q23	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
187	1		FIBER SUPPLEMENTS II-1 Q24	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
188-190	3	0	PERSON'S WEIGHT IN POUNDS II-1 Q25	1 - 997 POUNDS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
191-192	2	0	PERSON'S HEIGHT IN INCHES II-1 Q27	01 - 97 INCHES 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
193	1		IN GENERAL IS YOUR HEALTH II-1 Q28	1 - EXCELLENT 2 - VERY GOOD 3 - GOOD 4 - FAIR 5 - POOR 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
194	1		ANY DISABILITY OR HANDICAP THAT LIMITS YOUR ACTIVITIES II-1 Q29	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
195	1		HAS A DOCTOR EVER TOLD YOU THAT YOU HAVE: DIABETES II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
196	1		HIGH BLOOD PRESSURE (HYPERTENSION) II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
197	1		HEART DISEASE II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
198	1		CANCER II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
199	1		OSTEOPOROSIS II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
200	1		HIGH BLOOD CHOLESTEROL II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
201	1		STROKE II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
202	1		FOOD ALLERGIES II-1 Q31	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
203	1		DESCRIBE THE CONDITION OF YOUR NATURAL TEETH II-1 Q32	1 - EXCELLENT 2 - VERY GOOD 3 - GOOD 4 - FAIR 5 - POOR 6 - NO NATURAL TEETH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
204	1		DO YOU HAVE DENTURES II-1 Q33 (BLANK IF COLUMN 203 IS 1,2,3,4,5,8 OR 9)	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
205-206	2		BLANK	
207	1		HOURS WATCH TV YESTERDAY II-1 Q34	1 - NONE 2 - HALF HOUR OR LESS 3 - ONE HOUR 4 - TWO HOUR 5 - THREE HOUR 6 - FOUR HOUR 7 - FIVE OR MORE HOUR 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
208	1		HOURS WATCH TV PER DAY USUALLY II-1 Q35	1 - NONE 2 - HALF HOUR OR LESS 3 - ONE HOUR 4 - TWO HOUR 5 - THREE HOUR 6 - FOUR HOUR 7 - FIVE OR MORE HOUR 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

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RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
COLUMNS 209-220 APPLY TO RESPONDENTS 18 YEARS OR OLDER:				
209	1		IN YOUR LEISURE TIME IS YOUR USUAL LEVEL OF ACTIVITY II-1 Q36	1 - HEAVY/RIGOROUS 2 - MODERATE 3 - LIGHT 4 - BEDRIDDEN 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
210	1		COMPARED MOST PEOPLE YOUR AGE AND SEX WOULD YOU SAY YOU ARE? II-1 Q37 (BLANK IF COLUMN 209 IS 4)	1 - MORE ACTIVE 2 - LESS ACTIVE 3 - ABOUT THE SAME 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
211	1		HAVE YOU SMOKED 100 OR MORE CIGARETTES IN YOUR LIFETIME II-1 Q38	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
212	1		DO YOU SMOKE CIGARETTES NOW II-1 Q39 (BLANK IF COLUMN 211 2,8 OR 9)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
213-215	3	0	IF YOU SMOKE NOW, HOW MANY CIGARETTES DO YOU SMOKE A DAY ON THE AVERAGE II-1 Q40 (BLANK IF COLUMN 212 IS 2,8 OR 9)	001 - 997 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
216-217	2	0	HOW LONG HAS IT BEEN SINCE YOU SMOKED REGULARLY II-1 Q41 (BLANK IF COLUMN 212 IS 1)	00 - LESS THAN ONE YEAR 01 - 96 YEARS 97 - NEVER SMOKED REGULARLY 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
218	1		DURING THE PAST THREE MONTHS, HAVE YOU CONSUMED ANY BEER II-1 Q42	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
219	1		DURING THE PAST THREE MONTHS, HAVE YOU CONSUMED ANY WINE II-1 Q42	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
220	1		DURING THE PAST THREE MONTHS, HAVE YOU CONSUMED ANY HARD LIQUOR II-1 Q42	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
221	1		WERE ANY OF THESE VITAMINS OR MINERALS PRESCRIBED BY DOCTOR OR DENTIST II-1 Q22 (BLANK IF COLUMN 168 IS 4, 8, OR 9) (BLANK IF COLUMN 172 IS 2, 8, OR 9)	1 - YES, ALL PRESCRIBED 2 - NO, NONE PRESCRIBED 3 - SOME PRESCRIBED, SOME NOT 9 - NO ANSWER SPACE - NOT APPLICABLE
222	1		CONSIDER YOURSELF TO BE OVERWEIGHT, UNDERWEIGHT, OF ABOUT THE RIGHT WEIGHT II-1 Q26	1 - OVERWEIGHT 2 - UNDERWEIGHT 3 - ABOUT RIGHT 9 - NO ANSWER SPACE - NOT APPLICABLE
223	1		HAVE YOU EVER HAD YOUR BLOOD CHOLESTEROL CHECKED II-1 Q30	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
224-226	3		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
227	1		IF PERSON IS UNDER 12 YEARS OF AGE, MAIN RESPONDENT II-1 Q43	1 - MOTHER 2 - FATHER 3 - SISTER 4 - BROTHER 5 - GRANDPARENT 6 - CHILD 0 - OTHER PERSON 9 - NO ANSWER SPACE - NOT APPLICABLE
			IF PERSON IS UNDER 12 YEARS OF AGE ARE ANY OF THE FOLLOWING SECONDARY RESPONDENTS: II-1 Q48	
228	1		MOTHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
229	1		FATHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
230	1		SISTER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
231	1		BROTHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE



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RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
232	1		GRANDPARENT	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
233	1		CHILD (SELF)	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
234	1		INTERVIEWER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
235	1		OTHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
236	1		IF PERSON IS 12 YEARS OF AGE OR OLDER, MAIN RESPONDENT II-1 Q44	1 - RESPONDENT (SAMPLE PERSON) 2 - MOTHER 3 - FATHER 4 - SISTER 5 - BROTHER 6 - GRANDPARENT 7 - SPOUSE 0 - OTHER PERSON 9 - NO ANSWER SPACE - NOT APPLICABLE OR NFCS
			IF PERSON IS 12 YEARS OR OLDER ANY OF THE FOLLOWING SECONDARY RESPONDENTS II-1 Q44	
237	1		RESPONDENT (SAMPLE PERSON)	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
238	1		MOTHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
239	1		FATHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
240	1		SPOUSE	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
241	1		SISTER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
242	1		BROTHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
243	1		GRANDPARENT	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
244	1		INTERVIEWER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
245	1		OTHER	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
246	1		WERE THE DESCRIPTIONS OF FOODS/BEVERAGES CONSUMED YESTERDAY DIFFICULT FOR THE RESPONDENT TO ANSWER II-1 Q45	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
247	1		WERE THE AMOUNTS OF FOODS/BEVERAGES CONSUMED YESTERDAY DIFFICULT FOR THE RESPONDENT TO ANSWER II-1 Q47	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
248-250	3	0	HOW MUCH WATER DID YOU DRINK YESTERDAY OTHER THAN IN COFFEE, TEA, ETC. II-1 Q13A	000 - NONE 001 - 997 - FLUID OUNCES 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
251	1		HOW MUCH OF THIS WATER WAS FROM YOUR HOME SUPPLY II-1 Q13B (BLANK IF COLUMNS 248-250 ARE 0,998 OR 999)	1 - NONE 2 - SOME 3 - MOST 4 - ALL 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
252-254	3	0	HOW MUCH WATER DO YOU USUALLY DRINK IN A 24 HOUR PERIOD II-1 Q13C	000 - NONE 001 - 997 - FLUID OUNCES 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
255	1		PRIMARY SOURCE OF HOME DRINKING WATER HH Q72	1 - BOTTLED 2 - TAP OR COMMUNITY WATER SUPPLY 8 - DON'T KNOW 9 - NO ANSWER
256	1		IF TAP, WHAT IS THE SOURCE HH Q73 (BLANK IF COLUMN 255 IS A 1,8, OR 9)	1 - WATER COMPANY 2 - WELL 3 - SPRING 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
257-258	2		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			COL 259 TO 268 BLANK IF 269 = 9	
			TIME INDIVIDUAL INTERVIEW BEGAN:	
259-260	2		HOUR	01 - 12 99 - NO ANSWER SPACE - NOT APPLICABLE
261-262	2		MINUTES	00 - 59 99 - NO ANSWER SPACE - NOT APPLICABLE
263	1		AM / PM	1 - AM 2 - PM 9 - NO ANSWER SPACE - NOT APPLICABLE
			TIME INDIVIDUAL INTERVIEW ENDED:	
264-265	2		HOUR	01 - 12 99 - NO ANSWER SPACE - NOT APPLICABLE
266-267	2		MINUTES	00 - 59 99 - NO ANSWER SPACE - NOT APPLICABLE
268	1		AM / PM	1 - AM 2 - PM 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			DAY OF INTAKE DAY 1	
269	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY 9 - DAY 1 INTAKE NOT REPORTED
270-271	2		(COLUMNS 270-289, BLANK IF COLUMNS 269 IS 9) MONTH	01 - 12 SPACE - NOT APPLICABLE
272-273	2		DAY	01 - 31 SPACE - NOT APPLICABLE
274	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1992 1 - 1992 SPACE - NOT APPLICABLE
275-276	2		NUMBER OF FOOD INTAKE RECORDS NUMBER OF LINES OF FOOD ITEMS (CALCULATED VARIABLE)	00 - 99 SPACE - NOT APPLICABLE
277	1		EXPLANATION FOR NO OR ONLY A FEW FOOD RECORDS	1 - INTAKE RECORD WAS NOT ACCEPTABLE (WHOLE MEALS NOT RECORDED, FOOD DESCRIPTIONS NOT COMPLETE ENOUGH TO BE CODED, AMOUNTS MISSING OR VAGUE RESULTING IN LARGE NUMBER OF "NOT SPECIFIED" SERVINGS, ETC.) 2 - NO RECORD OF THIS DAY'S INDIVIDUAL INTAKE (REFUSED, LOST IN MAIL, ETC.) 3 - ILL, NO FOOD OR BEVERAGE CONSUMED ON THIS DAY 4 - FASTING 5 - ILL, ONLY A FEW ITEMS CONSUMED 6 - NO FOOD OR BEVERAGE/VERY FEW FOOD OR BEVERAGE ITEMS CONSUMED BECAUSE OF LACK OF MONEY 7 - NO FOOD OR BEVERAGE/VERY FEW FOOD OR BEVERAGE ITEMS CONSUMED FOR OTHER REASONS 8 - HNIS ASSIGNED SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
286	1		FOR THIS DAY OF THE WEEK WAS THE AMOUNT OF FOOD AND DRINK YOU HAD II-1 Q14A	1 - LESS THAN USUAL 2 - USUAL 3 - MORE THAN USUAL 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
287	1		WHICH OF THE FOLLOWING BEST DESCRIBES THE REASON FOR THE DIFFERENCE II-1 Q14B (BLANK IF COLUMN 286 IS 2,8 OR 9)	1 - SICK OR ILL 2 - SHORT OF MONEY 3 - TRAVELLING 4 - AT A SOCIAL OCCASION OR ON A SPECIAL DAY 5 - ON HOLIDAY OR VACATION 6 - TOO LITTLE TIME OR TOO BUSY 7 - NOT HUNGRY OR VERY HUNGRY 8 - DIETING 0 - OTHER 9 - DON'T KNOW/NO ANSWER SPACE - NOT APPLICABLE
288	1		DAY 1 INTAKE RESULT OF CALL	1 - COMPLETE 2 3 4 5 6 7 0
289	1		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			DAY 2:	
			DAY OF INTAKE	
290	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY 9 - DAY 2 INTAKE NOT REPORTED
			COLUMNS 291 - 308 ARE BLANK IF COLUMN 290 IS 9:	
291-292	2		MONTH	01 - 12 SPACE - NOT APPLICABLE
293-294	2		DAY	01 - 31 SPACE - NOT APPLICABLE
295	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1992 SPACE - NOT APPLICABLE
296-297	2		NUMBER OF FOOD INTAKE RECORDS NUMBER OF LINES OF FOOD ITEMS (CALCULATED VARIABLE)	00 - 99 SPACE - NOT APPLICABLE
298	1		EXPLANATION FOR NO OR ONLY A FEW FOOD RECORDS	1 - INTAKE RECORD WAS NOT ACCEPTABLE (WHOLE MEALS NOT RECORDED, FOOD DESCRIPTIONS NOT COMPLETE ENOUGH TO BE CODED, AMOUNTS MISSING OR VAGUE RESULTING IN LARGE NUMBER OF "NOT SPECIFIED" SERVINGS, ETC.) 2 - NO RECORD OF THIS DAY'S INDIVIDUAL INTAKE (REFUSED, LOST IN MAIL, ETC.) 3 - ILL, NO FOOD OR BEVERAGE CONSUMED ON THIS DAY 4 - FASTING 5 - ILL, ONLY A FEW ITEMS CONSUMED 6 - NO FOOD OR BEVERAGE/VERY FEW FOOD OR BEVERAGE ITEMS CONSUMED BECAUSE OF LACK OF MONEY 7 - NO FOOD OR BEVERAGE/VERY FEW FOOD OR BEVERAGE ITEMS CONSUMED FOR OTHER REASONS 8 - HNIS ASSIGNED SPACE - NOT APPLICABLE

1992 CSF11 INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
299	1		EXPLANATION WHEN INTAKE DATA COLLECTED FOR A PERIOD OTHER THAN THE 24-HOUR PERIOD BEFORE THE HOUSEHOLD INTERVIEW	1 - DAY OF INTAKE IS ONE DAY LATER THAN IT SHOULD BE 2 - DAY OF INTAKE IS TWO DAYS LATER THAN IT SHOULD BE 3 - DAY OF INTAKE IS THREE DAYS LATER THAN IT SHOULD BE 4 - DAY OF INTAKE IS FOUR DAYS LATER THAN IT SHOULD BE 5 - DAY OF INTAKE IS FIVE DAYS LATER THAN IT SHOULD BE 6 - DAY OF INTAKE IS SIX DAYS LATER THAN IT SHOULD BE 7 - DAY OF INTAKE IS SEVEN DAYS LATER THAN IT SHOULD BE 8 - DAY OF INTAKE IS EIGHT DAYS LATER THAN IT SHOULD BE 9 - DAY OF INTAKE IS NINE OR MORE DAYS LATER THAN IT SHOULD BE SPACE - NOT APPLICABLE
			WERE ANY OF THE FOLLOWING INITIALLY FORGOTTEN AND ADDED LATER : II-2 Q12	
300	1		SNACKS / DESSERTS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
301	1		NONALCOHOLIC DRINKS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
302	1		ALCOHOLIC BEVERAGES	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
303	1		ACCESSORY FOODS ADDED TO OTHER FOODS AT MEALS OR SNACKS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE



1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
304	1		SIDE DISHES	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
305	1		FOODS EATEN OR TASTED WHILE PREPARING MEALS OR CLEANING UP	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
306	1		OTHER ITEMS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
307	1		FOR THIS DAY OF THE WEEK WAS THE AMOUNT OF FOOD AND DRINK YOU HAD II-2 Q14A	1 - LESS THAN USUAL 2 - USUAL 3 - MORE THAN USUAL 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
308	1		WHICH OF THE FOLLOWING BEST DESCRIBES THE REASON FOR THE DIFFERENCE II-2 Q14B (BLANK IF COLUMN 307 IS 2,8 OR 9)	1 - SICK OR ILL 2 - SHORT OF MONEY 3 - TRAVELLING 4 - AT A SOCIAL OCCASION OR ON A SPECIAL DAY 5 - ON HOLIDAY OR VACATION 6 - TOO LITTLE TIME OR TOO BUSY 7 - NOT HUNGRY OR VERY HUNGRY 8 - DIETING 0 - OTHER 9 - DON'T KNOW/NO ANSWER SPACE - NOT APPLICABLE
309	1		DID YOU USE MEASURING CUPS, SPOONS OR RULER WHEN YOU ESTIMATED THE AMOUNTS OF FOOD YOU HAD EATEN II-2 Q15	1 - YES, MOST OF THE TIME 2 - YES, SOME TIME 3 - NO, NOT AT ALL 8 - DON'T KNOW 9 - NO ANSWER
310	1		DAY 2 AND 3 INTAKE RESULT OF CALL	1 - COMPLETE 2 3 4 5 6 7 0

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			DAY 3:	
			DAY OF INTAKE	
311	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY 9 - DAY 3 INTAKE NOT REPORTED
			COLUMNS 312 - 391 ARE BLANK IF COLUMN 311 IS 9:	
312-313	2		MONTH	01 - 12 SPACE - NOT APPLICABLE
314-315	2		DAY	01 - 31 SPACE - NOT APPLICABLE
316	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1992 SPACE - NOT APPLICABLE
317-318	2		NUMBER OF FOOD INTAKE RECORDS NUMBER OF LINES OF FOOD ITEMS) (CALCULATED VARIABLE)	00 - 99 SPACE - NOT APPLICABLE
319	1		EXPLANATION FOR NO OR ONLY A FEW FOOD RECORDS	1 - INTAKE RECORD WAS NOT ACCEPTABLE (WHOLE MEALS NOT RECORDED, FOOD DESCRIPTIONS NOT COMPLETE ENOUGH TO BE CODED, AMOUNTS MISSING OR VAGUE RESULTING IN LARGE NUMBER OF "NOT SPECIFIED" SERVINGS, ETC.) 2 - NO RECORD OF THIS DAY'S INDIVIDUAL INTAKE (REFUSED, LOST IN MAIL, ETC.) 3 - ILL, NO FOOD OR BEVERAGE CONSUMED ON THIS DAY 4 - FASTING 5 - ILL, ONLY A FEW ITEMS CONSUMED 6 - NO FOOD OR BEVERAGE/VERY FEW FOOD OR BEVERAGE ITEMS CONSUMED BECAUSE OF LACK OF MONEY 7 - NO FOOD OR BEVERAGE/VERY FEW FOOD OR BEVERAGE ITEMS CONSUMED FOR OTHER REASONS 8 - HNIS ASSIGNED SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
320	1		EXPLANATION WHEN INTAKE DATA COLLECTED FOR A PERIOD OTHER THAN THE 24-HOUR PERIOD BEFORE THE HOUSEHOLD INTERVIEW	1 - DAY OF INTAKE IS ONE DAY LATER THAN IT SHOULD BE 2 - DAY OF INTAKE IS TWO DAYS LATER THAN IT SHOULD BE 3 - DAY OF INTAKE IS THREE DAYS LATER THAN IT SHOULD BE 4 - DAY OF INTAKE IS FOUR DAYS LATER THAN IT SHOULD BE 5 - DAY OF INTAKE IS FIVE DAYS LATER THAN IT SHOULD BE 6 - DAY OF INTAKE IS SIX DAYS LATER THAN IT SHOULD BE 7 - DAY OF INTAKE IS SEVEN DAYS LATER THAN IT SHOULD BE 8 - DAY OF INTAKE IS EIGHT DAYS LATER THAN IT SHOULD BE 9 - DAY OF INTAKE IS NINE OR MORE DAYS LATER THAN IT SHOULD BE SPACE - NOT APPLICABLE
			WERE ANY OF THE FOLLOWING INITIALLY FORGOTTEN AND ADDED LATER: II-3 Q12	
321	1		SNACKS / DESSERTS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
322	1		NONALCOHOLIC DRINKS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
323	1		ALCOHOLIC BEVERAGES	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
324	1		ACCESSORY FOODS ADDED TO OTHER FOODS AT MEALS OR SNACKS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
325	1		SIDE DISHES	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
326	1		FOODS EATEN OR TASTED WHILE PREPARING MEALS OR CLEANING UP	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
327	1		OTHER ITEMS	1 - YES 2 - NO 9 - NO ANSWER SPACE - NOT APPLICABLE
328	1		FOR THIS DAY OF THE WEEK WAS THE AMOUNT OF FOOD AND DRINK YOU HAD II-3 Q14A	1 - LESS THAN USUAL 2 - USUAL 3 - MORE THAN USUAL 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
329	1		WHICH OF THE FOLLOWING BEST DESCRIBES THE REASON FOR THE DIFFERENCE II-3 Q14B (BLANK IF COLUMN 328 IS 2,8 OR 9)	1 - SICK OR ILL 2 - SHORT OF MONEY 3 - TRAVELLING 4 - AT A SOCIAL OCCASION OR ON A SPECIAL DAY 5 - ON HOLIDAY OR VACATION 6 - TOO LITTLE TIME OR TOO BUSY 7 - NOT HUNGRY OR VERY HUNGRY 8 - DIETING 0 - OTHER 9 - DON'T KNOW/NO ANSWER SPACE - NOT APPLICABLE
330	1		DID YOU USE MEASURING CUPS, SPOONS OR RULER WHEN YOU ESTIMATED THE AMOUNTS OF FOOD YOU HAD EATEN II-3 Q15	1 - YES, MOST OF THE TIME 2 - YES, SOME TIME 3 - NO, NOT AT ALL 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
331-333	3		BLANK	

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
			DURING THE LAST THREE MONTHS DID YOU CONSUME THE FOLLOWING AND IF SO, ON THE AVERAGE, HOW OFTEN AND HOW MUCH:	
334	1		MILK AS A BEVERAGE OR A DRINK MADE WITH MILK II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
335-336	2	0	NUMBER OF TIMES (BLANK IF COLUMN 334 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
337	1		UNIT OF TIME (BLANK IF COLUMN 334 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MUCH WAS EATEN EACH TIME: II-3 Q17	
338-339	2		NUMBER OF CUPS (BLANK IF COLUMN 334 IS 2,8 OR 9)	00 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
340	1		MILK ON CEREAL II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
341-342	2	0	NUMBER OF TIMES (BLANK IF COLUMN 340 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
343	1		UNIT OF TIME (BLANK IF COLUMN 340 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MUCH WAS EATEN EACH TIME: II-3 Q17	
344-345	2		NUMBER OF CUPS (BLANK IF COLUMN 340 IS 2,8 OR 9)	00 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
346	1		MILK IN COFFEE,TEA,OTHER II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
347-348	2	0	NUMBER OF TIMES (BLANK IF COLUMN 346 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
349	1		UNIT OF TIME (BLANK IF COLUMN 346 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MUCH WAS EATEN EACH TIME: II-3 Q17	
350-351	2		NUMBER OF CUPS (BLANK IF COLUMN 346 IS 2,8 OR 9)	00 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
352	1		POULTRY II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
353-354	2	0	NUMBER OF TIMES (BLANK IF COLUMN 352 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
355	1		UNIT OF TIME (BLANK IF COLUMN 352 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE



1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
356	1		RED MEAT II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
357-358	2	0	NUMBER OF TIMES (BLANK IF COLUMN 356 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
359	1		UNIT OF TIME (BLANK IF COLUMN 356 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
360	1		FISH II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
361-362	2	0	NUMBER OF TIMES (BLANK IF COLUMN 360 IS 2, 8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
363	1		UNIT OF TIME (BLANK IF COLUMN 360 IS 2, 8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
364	1		CITRUS FRUIT II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
365-366	2	0	NUMBER OF TIMES (BLANK IF COLUMN 364 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
367	1		UNIT OF TIME (BLANK IF COLUMN 364 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
368	1		CITRUS JUICE II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
369-370	2	0	NUMBER OF TIMES (BLANK IF COLUMN 368 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
371	1		UNIT OF TIME (BLANK IF COLUMN 368 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
372	1		ALL OTHER FRUITS II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
373-374	2	0	NUMBR OF TIMES (BLANK IF COLUMN 372 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
375	1		UNIT OF TIME (BLANK IF COLUMN 372 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
376	1		ALL OTHER FRUIT JUICES II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
377-378	2	0	NUMBER OF TIMES (BLANK IF COLUMN 376 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
379	1		UNIT OF TIME (BLANK IF COLUMN 376 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSFII INDIVIDUAL FILE FORMAT, 09/11/92  
RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
384	1		COOKED VEGETABLES II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
385-386	2	0	NUMBER OF TIMES (BLANK IF COLUMN 384 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
387	1		UNIT OF TIME (BLANK IF COLUMN 384 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1992 CSF11 INDIVIDUAL FILE FORMAT, 09/11/92  
 RECORD TYPE 20

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
388	1		EGGS II-3 Q15	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
			HOW MANY TIMES WAS THIS CONSUMED EACH DAY, WEEK, MONTH: II-3 Q16	
389-390	2	0	NUMBER OF TIMES (BLANK IF COLUMN 388 IS 2,8 OR 9)	01 - 96 97 - 97 OR MORE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
391	1		UNIT OF TIME (BLANK IF COLUMN 388 IS 2,8 OR 9)	1 - DAY 2 - WEEK 3 - MONTH 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
392-394	3		HOW MANY HOURS DOES RESPONDENT USUALLY WORK HH Q31b (ONLY ANSWER IF 82 = 1 OR 83 = 1)	ACTUAL NUMBER OF HOURS 997 - 97 OR MORE 998 - DON'T KNOW 999 - NO ANSWER
395-397	3		HOW MANY HOURS DOES MALE HEAD USUALLY WORK HH Q31b (ONLY ANSWER IF 115 = 1 OR 116 = 1)	ACTUAL NUMBER OF HOURS 997 - 97 OR MORE 998 - DON'T KNOW 999 - NO ANSWER
398-400	3		HOW MANY HOURS DOES FEMALE HEAD USUALLY WORK HH Q31b (ONLY ANSWER IF 134 = 1 OR 135 = 1)	ACTUAL NUMBER OF HOURS 997 - 97 OR MORE 998 - DON'T KNOW 999 - NO ANSWER
401-550			BLANK	



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National Analysts

Microsoft LAN Manager 2.0 Despooler  
Xerox 3700 Printer on DP Server (COM1 - 17-18 Bottom)

File Spooled: 10-21-92 - 03:05pm

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1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
1-2	2		RECORD IDENTIFICATION NO.	30 DAY 1 RECORDS 32 DAY 2 RECORDS 33 DAY 3 RECORDS
3-7	5		HOUSEHOLD IDENTIFICATION NO.	
8-9	2		PERSON NUMBER - HH Q22 (LINE NUMBER)	
10-13			SEGMENT CODE (FOR CSFII 1991):	
10	1		DESIGNATION OF SAMPLE CODE	1 - BASIC 2 - LOW INCOME
11	1		WAVE OF SEGMENT	1 - 8
12	1		PSU REPLICATE WITHIN STRATUM	1 - 1ST REPLICATE 2 - 2ND REPLICATE
			STRATUM (THREE FIELDS):	
13	1		URBANIZATION CODE	1 - CENTRAL CITIES 2 - SUBURBAN (METRO) AREAS 3 - NON-METRO AREAS
14	1		GEOGRAPHIC DIVISION	1 - NEW ENGLAND 2 - MIDDLE ATLANTIC 3 - EAST NORTH CENTRAL 4 - WEST NORTH CENTRAL 5 - SOUTH ATLANTIC 6 - EAST SOUTH CENTRAL 7 - WEST SOUTH CENTRAL 8 - MOUNTAIN 9 - PACIFIC
15	1		STRATUM WITHIN URBANIZATION / GEOGRAPHIC DIVISION MATRIX	1 - 6
16-17	2		AREA SEGMENT WITHIN PSU	01 - 99
18-20	3		HOUSING UNIT NUMBER WITHIN AREA SEGMENT	001 - 999

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
21	1		QUARTER	0 - CSFI DRESS REHERRSAL 1 - FIRST QUARTER 2 - SECOND QUARTER 3 - THIRD QUARTER
22	1		REGION	1- NORTHEAST 2- MIDWEST 3- SOUTH 4- WEST
23-24	2		HOUSEHOLD SIZE - HH Q8 (ACTUAL NUMBER OF PERSONS IN HOUSEHOLD INCLUDING ROOMERS, BOARDERS AND EMPLOYEES	
25-27	3		INDIVIDUAL SAMPLING WEIGHT  DATE OF HOUSEHOLD INTERVIEW	
28-29	2		MONTH	01 - 12
30-31	2		DAY	01 - 31
32	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1991 1 - 1991 2 - 1992 3 - 1993
33	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY
34	1		BLANK	
35-41	7	0	INCOME BEFORE TAXES FOR PREVIOUS YEAR HH Q60	0 - 9999996 9999997 - NOT HOUSEHOLD IN PREVIOUS YEAR 9999998 - DON'T KNOW 9999999 - NO ANSWER

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
42-43	2		INCOME CODE - HH Q60 (SELECTED BY RESPONDENT WHEN ACTUAL LAST YEAR'S INCOME NOT GIVEN)	00 - ZERO INCOME 01 - UNDER 1000 02 - 1000 - 1999 03 - 2000 - 2999 04 - 3000 - 3999 05 - 4000 - 4999 06 - 5000 - 5999 07 - 6000 - 6999 08 - 7000 - 7999 09 - 8000 - 8999 10 - 9000 - 9999 11 - 10000 - 12499 12 - 12500 - 14999 13 - 15000 - 17499 14 - 17500 - 19999 15 - 20000 - 24999 16 - 25000 - 29999 17 - 30000 - 34999 18 - 35000 - 39999 19 - 40000 - 44999 20 - 45000 - 49999 21 - 50000 AND OVER 98 - DON'T KNOW 99 - NO ANSWER/REFUSED SPACE - NOT APPLICABLE
44	1		IS RESPONDENT FEMALE HEAD	1 - YES 2 - NO
45-46	2		BLANK	
47-50	4		INTERVIEWER NUMBER	0001 - 9999
51	1		IS RESPONDENT RECEIVING FOOD STAMPS (CALCULATED FROM HH Q65 AND Q66)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
52-53	2		TOTAL HOUSEHOLD MEMBERS EXCLUDING ROOMERS, BOARDERS, AND EMPLOYEES (CALCULATED VARIABLES)	ACTUAL COUNT
54	1		IS HOUSEHOLD RECEIVING FOOD STAMPS HH Q64	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
55	1		NUMBER OF DAYS INTAKE WAS REPORTED	0 - 3
56-57	2		RELATIONSHIP TO HEAD CODE HH Q22.2	01 - MALE HEAD 02 - FEMALE HEAD, NO MALE HEAD OR UNABLE TO DETERMINE RELATIONSHIP TO MALE HEAD 03 - CHILD 04 - PARENT 05 - SIBLING 06 - GRANDPARENT 07 - GRANDCHILD 08 - AUNT, UNCLE 09 - OTHER RELATED 10 - SPOUSE 11 - FOSTER CHILD 12 - ROOMMATE, FRIEND 13 - ROOMER, BOARDER 14 - EMPLOYEE 15 - OTHER UNRELATED 98 - DON'T KNOW 99 - NO ANSWER
58-59	2	0	AGE - HH Q22.2 (UNDER 12 MONTHS)	00-11 ACTUAL MONTHS 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
60-62	3	0	AGE - HH Q22.2 (1 YEAR AND OVER)	001-997 ACTUAL AGE IN YEARS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
63	1		SEX CODE	1 - MALE 2 - FEMALE
64	1		PREGNANT/LACTATING WOMAN OR BREAST-FED CHILD (AT PRESENT)	1 - PREGNANT 2 - LACTATING 3 - BOTH PREGNANT AND LACTATING 4 - NOT PREGNANT OR LACTATING (1-4, APPLICABLE ONLY TO WOMEN AGE 12-55) 5 - BREAST-FED 6 - NOT BREAST-FED (5-6, APPLICABLE ONLY TO CHILDREN AGE 3 OR LESS) 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
65	1		RACE - HH Q25	1 - WHITE 2 - BLACK 3 - ASIAN/PACIFIC ISLANDER 4 - ALEUT, ESKIMO, AMERICAN INDIAN 5 - SOME OTHER RACE 8 - DON'T KNOW 9 - NO ANSWER
66	1		ORIGIN (CALCULATED FROM HH Q26 AND Q27)	1 - SPANISH 2 - OTHER THAN SPANISH 8 - DON'T KNOW 9 - NO ANSWER
67	1		IS RESPONDENT MAIN MEAL PLANNER/PREPARER - HH Q28 (ANSWERS II Q9,Q10)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
68-69	2		BLANK	
70	1		DAY CODE	1 - DAY 1 2 - DAY 2 3 - DAY 3
71	1		DAY OF WEEK OF INTAKE	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY
72-78	7		FOOD CODE (CALCULATED FROM II Q5)	
79-84	6	2	AMOUNT IN GRAMS (CALCULATED FROM II Q6A)	BLANK IF FOOD CODE IS 1100000 (HUMAN MILK)
85-87	3		LINE ITEM NUMBER	101 - 399
			TIME EATING OCCASION BEGAN:	
88-89	2		HOUR	01 - 12 97 - EXTENDED CONSUMPTION / TIME UNKNOWN 98 - DON'T KNOW 99 - NO ANSWER

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
90-91	2		MINUTES	00 - 59 97 - EXTENDED CONSUMPTION / TIME UNKNOWN 98 - DON'T KNOW 99 - NO ANSWER
92	1		AM / PM	1 - AM 2 - PM 7 - EXTENDED CONSUMPTION / TIME UNKNOWN 8 - DON'T KNOW 9 - NO ANSWER
93	1		ADDITIONAL IDENTIFICATION OF FOOD ITEM (CALCULATED VARIABLE)	0 - SINGLE ITEM 1 - PART OF A SANDWICH 2 - PART OF A FROZEN MEAL 3 - PART OF A SALAD 4 - PART OF A MIXTURE 5 - PART OF A SOUP 6 - PART OF A BEVERAGE
94	1		AMOUNT VERIFICATION (VARIABLE ADDED AT CLEANING STAGE)	1 - NOT AN EXTREME VALUE 2 - EXTREME VALUE, VERIFIED AS ACCURATE 3 - EXTREME VALUE, CORRECTED AND STILL EXTREME 4 - INITIALLY AN EXTREME VALUE, BUT CORRECTED AND NO LONGER EXTREME
95-97	3		INITIALS OF PERSON WHO VERIFIED EXTREME VALUE (VARIABLE ADDED AT CLEANING STAGE)  DATE EXTREME VALUE VERIFIED: (VARIABLE ADDED AT CLEANING STAGE)	SPACE - IF NOT AN EXTREME VALUE
98-99	2		MONTH	01 - 12 SPACE - IF NOT AN EXTREME VALUE
100-101	2		DAY	01 - 31 SPACE - IF NOT AN EXTREME VALUE
102	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1991 1 - 1991 2 - 1992 3 - 1993 SPACE - IF NOT AN EXTREME VALUE

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODES & RANGES
103-104	2		NAME OF EATING OCCASION II -Q2	01 - BREAKFAST 02 - BRUNCH 03 - LUNCH 04 - DINNER 05 - SUPPER 06 - SNACK / BEVERAGE BREAK 07 - INFANT FEEDING 00 - OTHER 97 - EXTENDED CONSUMPTION 98 - DON'T KNOW 99 - NO ANSWER
105	1		WITH WHOM DID YOU EAT OR DRINK THIS ITEM II Q3	1 - NO ONE 2 - OTHER HOUSEHOLD MEMBERS 3 - NONHOUSEHOLD MEMBERS 4 - BOTH HOUSEHOLD AND NONHOUSEHOLD MEMBERS 8 - DON'T KNOW 9 - NO ANSWER
106	1		HOW WAS FOOD QUANTITY ESTIMATED (DAY ONE ONLY) II-1 Q6A	1 - MEASURING CUP 2 - MEASURING SPOON 3 - RULER 4 - HOUSEHOLD CUP, BOWL, GLASS MEASURED 5 - AMOUNT REPORTED FROM ACTUAL PACKAGE WEIGHT 6 - OTHER 7 - NO MEASURING AIDS USED 9 - NO ANSWER SPACE - NOT APPLICABLE
107	1		SOURCE OF FOOD II Q7	1 - EATEN AT HOME 2 - BROUGHT HOME , BUT LATER EATEN AWAY FROM HOME 3 - NEVER BROUGHT HOME 8 - DON'T KNOW 9 - NO ANSWER
108	1		HOME ITEMS FROM FAST-FOOD PLACES OR MEALS ON WHEELS II Q8 (BLANK IF COLUMN 107 IS 3,8 OR 9)	1 - FROM FAST FOOD/CARRY OUT PLACE 2 - FROM MEALS ON WHEELS 3 - FROM SOME OTHER PLACE 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE



1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
109	1		WERE ANY FATS OR OILS USED IN PREPARATION OF ANY FOOD FROM THIS EATING OCCASION II Q9A (BLANK IF COLUMN 107 IS GREATER THAN 2)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
110	1		WERE ANY FATS OR OILS USED IN PREPARATION OF THIS FOOD II Q9B (BLANK IF COLUMN 108 GREATER THAN 1)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
111-112	2		FAT OR OIL USED II Q9C (BLANK IF COLUMN 110 GREATER THAN 1)	01 - OLIVE OIL 02 - CORN, COTTONSEED, SAFFLOWER OR SUNFLOWER OIL 03 - SOYBEAN OR OTHER VEGETABLE OR NUT OIL 04 - REGULAR TUB OR LIQUID MARGARINE 05 - REGULAR STICK MARGARINE 06 - ANY DIET MARGARINE 07 - MARGARINE BLEND 08 - BUTTER 09 - ANIMAL SHORTENING; (MEAT/ BACON DRIPPINGS) 10 - VEGETABLE SHORTENING 98 - DON'T KNOW/REMEMBER 99 - NO ANSWER SPACE - NOT APPLICABLE
113	1		WAS SALT USED IN PREPARATION OF THIS ITEM II Q10 (BLANK IF COLUMN 107 GREATER THAN 2)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE
114-115	2		IF ITEM WAS NOT FROM HOME, WHERE WAS ITEM OBTAINED II Q11 (BLANK IF COLUMN 107 = 1,2,8,9)	01 - RESTAURANT WITH WAITER/WAITRESS SERVICE 02 - CAFETERIA OR SELF-SERVE RESTAURANT 03 - RESTAURANT WHERE FOOD WAS ORDERED AND PICKED UP AT COUNTER OR WINDOW 04 - SCHOOL 05 - DAY-CARE CENTER OR SUMMER DAY CAMP 06 - COMMUNITY FEEDING PROGRAM 07 - VENDING MACHINE 08 - SUPERMARKET/GROCERY STORE/DELI 09 - CONVENIENCE STORE 10 - RECREATION/ENTERTAINMENT FACILITY 11 - AT SOMEONE'S HOME 12 - SOME OTHER PLACE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODES & RANGES
116-117	2		IF SOURCE WAS VENDING MACHINE, LOCATION OF VENDING MACHINE II Q11 (BLANK IF COLUMN 114-115 NOT EQUAL TO 7)	01 - RESTAURANT WITH WAITER/WAITRESS SERVICE 02 - CAFETERIA OR SELF-SERVE RESTAURANT 03 - RESTAURANT WHERE FOOD WAS ORDERED AND PICKED UP AT COUNTER OR WINDOW 04 - SCHOOL 05 - DAY-CARE CENTER OR SUMMER DAY CAMP 06 - COMMUNITY FEEDING PROGRAM 08 - SUPERMARKET/GROCERY STORE/DELI 09 - CONVENIENCE STORE 10 - RECREATION/ENTERTAINMENT FACILITY 11 - AT SOMEONE'S HOME 12 - SOME OTHER PLACE 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
118	1		WAS ITEM ADDED AFTER Q12 PROBE FOR FORGOTTEN FOOD ITEMS (DAY 1 ONLY) II-1 Q12	1 - YES SPACE - NO OR NO ANSWER
119-124	6	2	AMOUNT IN CALCIUM EQUIVALENTS (DAIRY PRODUCTS ONLY) (CALCULATED VARIABLE)	AMOUNT IN GRAMS * CALCIUM CONVERSION FACTOR SPACE - FOOD CODE DOES NOT BEGIN WITH 1 (NOT DAIRY PRODUCT) OR FOOD CODE IS 1100000 (HUMAN MILK)
125-126	2		FAT CODE (USED TO DETERMINE NUTRIENT VALUES) (CALCULATED FROM II Q9C OR DEFAULT USED)	01 - OLIVE OIL 02 - CORN OIL 03 - SOYBEAN OIL 04 - REGULAR TUB MARGARINE 05 - REGULAR STICK MARGARINE 06 - DIET MARGARINE 07 - MARGARINE BLEND 08 - BUTTER 09 - ANIMAL SHORTENING 10 - VEGETABLE SHORTENING 11 - DEFAULT FAT USED
127	1		SALT CODE (USED TO DETERMINE NUTRIENT VALUES) II Q10	1 - SALT ADDED/DON'T KNOW/ NOT APPLICABLE (DEFAULT VALUE) 2 - NO SALT ADDED 9 - NO ANSWER SPACE - SAMPLE B MANUAL
128-129	2		UNIT OF MEASURE REPORTED BY RESPONDENT	01 - 60
130-179	50		BLANK	

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
 RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODES & RANGES
			NUTRIENT VALUES: (CALCULATED VARIABLES)	
180-191	12	3	WATER - GRAMS	
192-203	12	3	FOOD ENERGY - KILOCALORIES	
204-215	12	3	PROTEIN - GRAMS	
216-227	12	3	TOTAL FAT - GRAMS	
228-239	12	3	SATURATED FATTY ACIDS - GRAMS	
240-251	12	3	MONOUNSATURATED FATTY ACIDS - GRAMS	
252-263	12	3	POLYUNSATURATED FATTY ACIDS - GRAMS	
264-275	12	3	CHOLESTEROL - MILLIGRAMS	
276-287	12	3	CARBOHYDRATE - GRAMS	
288-299	12	3	TOTAL DIETARY FIBER - GRAMS	
300-311	12	3	ALCOHOL - GRAMS	
312-323	12	3	VITAMIN A - IU (INTERNATIONAL UNITS)	
324-335	12	3	VITAMIN A - RE (MICROGRAMS RETINOL EQUIVALENTS)	
336-347	12	3	CAROTENES - RE (MICROGRAMS RETINOL EQUIVALENTS)	
348-359	12	3	VITAMIN E - ALPHA-TE (MILLIGRAMS ALPHA-TOCOPHEROL EQUIVALENTS)	
360-371	12	3	VITAMIN C - MILLIGRAMS	
372-383	12	3	THIAMIN - MILLIGRAMS	
384-395	12	3	RIBOFLAVIN - MILLIGRAMS	
396-407	12	3	NIACIN - MILLIGRAMS	
408-419	12	3	VITAMIN B-6 - MILLIGRAMS	
420-431	12	3	FOLATE - MICROGRAMS	
432-443	12	3	VITAMIN B-12 - MICROGRAMS	

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 30

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
444-455	12	3	CALCIUM - MILLIGRAMS	
456-467	12	3	PHOSPHORUS - MILLIGRAMS	
468-479	12	3	MAGNESIUM - MILLIGRAMS	
480-491	12	3	IRON - MILLIGRAMS	
492-503	12	3	ZINC - MILLIGRAMS	
504-515	12	3	COPPER - MILLIGRAMS	
516-527	12	3	SODIUM - MILLIGRAMS	
528-539	12	3	POTASSIUM - MILLIGRAMS	
540-550	11		BLANK	



1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
 RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
1-2	2		RECORD IDENTIFICATION NO.	40
3-7	5		HOUSEHOLD IDENTIFICATION NO.	
8-9	2		PERSON NUMBER - HH Q22 (LINE NUMBER)	
10-13			SEGMENT CODE (FOR CSFII 1991):	
10	1		DESIGNATION OF SAMPLE CODE	1 - BASIC 2 - LOW INCOME
11	1		WHICH SAMPLE	1 - B
12	1		PSU REPLICATE WITHIN STRATUM	1 - 1ST REPLICATE 2 - 2ND REPLICATE
			STRATUM (THREE FIELDS):	
13	1		URBANIZATION CODE	1 - CENTRAL CITIES 2 - SUBURBAN (METRO) AREAS 3 - NON-METRO AREAS
14	1		GEOGRAPHIC DIVISION	1 - NEW ENGLAND 2 - MIDDLE ATLANTIC 3 - EAST NORTH CENTRAL 4 - WEST NORTH CENTRAL 5 - SOUTH ATLANTIC 6 - EAST SOUTH CENTRAL 7 - WEST SOUTH CENTRAL 8 - MOUNTAIN 9 - PACIFIC
15	1		STRATUM WITHIN URBANIZATION / GEOGRAPHIC DIVISION MATRIX	1 - 6
16-17	2		AREA SEGMENT WITHIN PSU	01 - 99
18-20	3		HOUSING UNIT NUMBER WITHIN AREA SEGMENT	001 - 999

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
 RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
21	1		QUARTER	0 - CSFI DRESS REHERRSAL 1 - FIRST QUARTER 2 - SECOND QUARTER 3 - THIRD QUARTER 4 - FOURTH QUARTER
22	1		REGION	1- NORTHEAST 2- MIDWEST 3- SOUTH 4- WEST
23-24	2		HOUSEHOLD SIZE - HH Q8 (ACTUAL NUMBER OF PERSONS IN HOUSEHOLD INCLUDING ROOMERS, BOARDERS AND EMPLOYEES	
25-27	3		INDIVIDUAL SAMPLING WEIGHT	
			DATE OF HOUSEHOLD INTERVIEW	
28-29	2		MONTH	01 - 12
30-31	2		DAY	01 - 31
32	1		YEAR	7 - 1987 8 - 1988 9 - 1989 0 - 1991 1 - 1991 2 - 1992 3 - 1993
33	1		DAY OF WEEK	1 - SUNDAY 2 - MONDAY 3 - TUESDAY 4 - WEDNESDAY 5 - THURSDAY 6 - FRIDAY 7 - SATURDAY
34	1		BLANK	
35-41	7	0	INCOME BEFORE TAXES FOR PREVIOUS YEAR HH Q60	0 - 9999996 9999997 - NOT HOUSEHOLD IN PREVIOUS YEAR 9999998 - DON'T KNOW 9999999 - NO ANSWER

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
42-43	2		INCOME CODE - HH Q60 (SELECTED BY RESPONDENT WHEN ACTUAL LAST YEAR'S INCOME NOT GIVEN)	00 - ZERO INCOME 01 - UNDER 1000 02 - 1000 - 1999 03 - 2000 - 2999 04 - 3000 - 3999 05 - 4000 - 4999 06 - 5000 - 5999 07 - 6000 - 6999 08 - 7000 - 7999 09 - 8000 - 8999 10 - 9000 - 9999 11 - 10000 - 12499 12 - 12500 - 14999 13 - 15000 - 17499 14 - 17500 - 19999 15 - 20000 - 24999 16 - 25000 - 29999 17 - 30000 - 34999 18 - 35000 - 39999 19 - 40000 - 44999 20 - 45000 - 49999 21 - 50000 AND OVER 98 - DON'T KNOW 99 - NO ANSWER/REFUSED SPACE - NOT APPLICABLE
44	1		IS RESPONDENT FEMALE HEAD	1 - YES 2 - NO
45-46	2		BLANK	
47-50	4		INTERVIEWER NUMBER	0001 - 9999
51	1		IS RESPONDENT RECEIVING FOOD STAMPS (CALCULATED FROM HH Q65 AND Q66)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
52-53	2		TOTAL HOUSEHOLD MEMBERS EXCLUDING ROOMERS, BOARDERS, AND EMPLOYEES (CALCULATED VARIABLES)	ACTUAL COUNT
54	1		IS HOUSEHOLD RECEIVING FOOD STAMPS HH Q64	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER



1991 CSF11 INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
55	1		NUMBER OF DAYS INTAKE WAS REPORTED	0 - 3
56-57	2		RELATIONSHIP TO HEAD CODE HH Q22.2	01 - MALE HEAD 02 - FEMALE HEAD, NO MALE HEAD OR UNABLE TO DETERMINE RELATIONSHIP TO MALE HEAD 03 - CHILD 04 - PARENT 05 - SIBLING 06 - GRANDPARENT 07 - GRANDCHILD 08 - AUNT, UNCLE 09 - OTHER RELATED 10 - SPOUSE 11 - FOSTER CHILD 12 - ROOMATE, FRIEND 13 - ROOMER, BOARDER 14 - EMPLOYEE 15 - OTHER UNRELATED 98 - DON'T KNOW 99 - NO ANSWER
58-59	2	0	AGE - HH Q22.2 (UNDER 12 MONTHS)	00-11 ACTUAL MONTHS 98 - DON'T KNOW 99 - NO ANSWER SPACE - NOT APPLICABLE
60-62	3	0	AGE - HH Q22.2 (1 YEAR AND OVER)	001-997 ACTUAL AGE IN YEARS 998 - DON'T KNOW 999 - NO ANSWER SPACE - NOT APPLICABLE
63	1		SEX CODE	1 - MALE 2 - FEMALE
64	1		PREGNANT/LACTATING WOMAN OR BREAST-FED CHILD (AT PRESENT)	1 - PREGNANT 2 - LACTATING 3 - BOTH PREGNANT AND LACTATING 4 - NOT PREGNANT OR LACTATING (1-4, APPLICABLE ONLY TO WOMEN AGE 12-55) 5 - BREAST-FED 6 - NOT BREAST-FED (5-6, APPLICABLE ONLY TO CHILDREN AGE 3 OR LESS) 8 - DON'T KNOW 9 - NO ANSWER SPACE - NOT APPLICABLE

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
 RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
65	1		RACE HH Q25	1 - WHITE 2 - BLACK 3 - ASIAN/PACIFIC ISLANDER 4 - ALEUT, ESKIMO, AMERICAN INDIAN 5 - SOME OTHER RACE 8 - DON'T KNOW 9 - NO ANSWER
66	1		ORIGIN (CALCULATED FROM HH Q26 AND Q27)	1 - SPANISH 2 - OTHER THAN SPANISH 8 - DON'T KNOW 9 - NO ANSWER
67	1		IS RESPONDENT MAIN MEAL PLANNER/PREPARER - HH Q28 (ANSWERS II Q9,Q10)	1 - YES 2 - NO 8 - DON'T KNOW 9 - NO ANSWER
68-69	2		BLANK	
70	1		DAY CODE	1 - DAY 1 TOTALS 2 - DAY 2 TOTALS 3 - DAY 3 TOTALS 4 - AVERAGE OF DAY 1, DAY 2 AND DAY 3 5 - AVERAGE OF DAY 1 AND DAY 2 6 - AVERAGE OF DAY 1 AND DAY 3 7 - AVERAGE OF DAY 2 AND DAY 3

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
 RECORD TYPE 40

RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODES & RANGES
			RDA PERCENTAGES: (CALCULATED VARIABLES)	
71-76	6	2	FOOD ENERGY	
77-82	6	2	PROTEIN	
83-88	6	2	VITAMIN A - IU (INTERNATIONAL UNITS)	
89-94	6	2	VITAMIN A - RE (MICROGRAMS RETINOL EQUIVALENTS)	
95-100	6	2	VITAMIN E - ALPHA-TE (ALPHA-TOCOPHEROL EQUIVALENTS)	
101-106	6	2	VITAMIN C	
107-112	6	2	THIAMIN	
113-118	6	2	RIBOFLAVIN	
119-124	6	2	NIACIN	
125-130	6	2	VITAMIN B-6	
131-136	6	2	FOLATE	
137-142	6	2	VITAMIN B-12	
143-148	6	2	CALCIUM	
149-154	6	2	PHOSPHORUS	
155-160	6	2	MAGNESIUM	
161-166	6	2	IRON	
167-172	6	2	ZINC	
173-179	7		BLANK	
180-191	12	3	WATER - GRAMS	
192-203	12	3	FOOD ENERGY - KILOCALORIES	

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
 RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
204-215	12	3	PROTEIN - GRAMS	
216-227	12	3	TOTAL FAT - GRAMS	
228-239	12	3	SATURATED FATTY ACIDS - GRAMS	
240-251	12	3	MONOUNSATURATED FATTY ACIDS - GRAMS	
252-263	12	3	POLYUNSATURATED FATTY ACIDS - GRAMS	
264-275	12	3	CHOLESTEROL - MILLIGRAMS	
276-287	12	3	CARBOHYDRATE - GRAMS	
288-299	12	3	TOTAL DIETARY FIBER - GRAMS	
300-311	12	3	ALCOHOL - GRAMS	
312-323	12	3	VITAMIN A - IU (INTERNATIONAL UNITS)	
324-335	12	3	VITAMIN A - RE (MICROGRAMS RETINOL EQUIVALENTS)	
336-347	12	3	CAROTENES - RE (MICROGRAMS RETINOL EQUIVALENTS)	
348-359	12	3	VITAMIN E - ALPHA-TE (MILLIGRAMS ALPHA-TOCOPHEROL EQUIVALENTS)	
360-371	12	3	VITAMIN C - MILLIGRAMS	
372-383	12	3	THIAMIN - MILLIGRAMS	
384-395	12	3	RIBOFLAVIN - MILLIGRAMS	
396-407	12	3	NIACIN - MILLIGRAMS	
408-419	12	3	VITAMIN B-6 - MILLIGRAMS	
420-431	12	3	FOLATE - MICROGRAMS	
432-443	12	3	VITAMIN B-12 - MICROGRAMS	
444-455	12	3	CALCIUM - MILLIGRAMS	
456-467	12	3	PHOSPHORUS - MILLIGRAMS	
468-479	12	3	MAGNESIUM - MILLIGRAMS	

1991 CSFII INDIVIDUAL FILE FORMAT, 04/01/92  
RECORD TYPE 40

POSITION	WIDTH	DECIMAL PLACES	DESCRIPTION & COMMENTS	CODE & RANGES
480-491	12	3	IRON - MILLIGRAMS	
492-503	12	3	ZINC - MILLIGRAMS	
504-515	12	3	COPPER - MILLIGRAMS	
516-527	12	3	SODIUM - MILLIGRAMS	
528-539	12	3	POTASSIUM - MILLIGRAMS	
540-550	11		BLANK	

Screener Data Layout For CSFII  
 May 1991

Columns	Length	Description	Codes
1	5	Identification number	
6	1	Blank	
7	8	Segment	
15	1	Blank	
16	3	Housing Unit Number	
19	1	Blank	
20	1	Quarter	1 Spring 2 Summer 3 Fall 4 Winter
21	1	Blank	
22	4	Interviewer Number	
26	1	Blank	
27	2	Total number of people	
29	1	Blank	
30	2	Number of People Under 15 Years	Actual Number 99 - No Answer
32	1	Blank	
33	2	Number of People 15 to 24 Years	Actual Number 99 - No Answer
35	1	Blank	
36	2	Number of People 25 to 44 Years	Actual Number 99 - No Answer
38	1	Blank	
39	2	Number of People 45 to 64 Years	Actual Number 99 - No Answer
41	1	Blank	
42	2	Number of People 65 Years or Over	Actual Number 99 - No Answer
44	2	Blank	
46	1	Main Meal Planner	1 - Yes 2 - No 9 - No Answer

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
47	1	Blank	
48	2	Screener Question 2A ( On Low-Income Screener Only)	
50	1	Blank	
51	4	Low-Income Screener Income ( On Low-Income Screener Only)	Actual Income 9996 Under Limit 9997 Over Limit 9998 Don't Know 9999 No Answer
55	1	Blank	
56	2	Final Call Number	
58	1	Blank	
59	6	Final Call Date	
65	1	Blank	
66	4	Final Call Time	
70	1	Final Call Time AM or PM	1 AM 2 PM
71	1	Blank	
72	2	Result of Final Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview appt. Not Made 4 Household Ineligible, Income too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail
74	1	Blank	

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If column 72 not equal to a 1 then columns 75 to 158 are blank			
75	2	Person Line Number	01
77	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void 8 HNIS
78	1	Day Two/Three Intake Obtained	Same as Day One Codes
79	1	Blank	
80	2	Person Line Number	02
82	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void 8 HNIS
83	1	Day Two/Three Intake Obtained	Same as Day One Codes
84	1	Blank	
85	2	Person Line Number	03
87	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
88	1	Day Two/Three Intake Obtained	Same as Day One Codes
89	1	Blank	



Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
90	2	Person Line Number	04
92	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
93	1	Day Two/Three Intake Obtained	Same as Day One Codes
94	1	Blank	
95	2	Person Line Number	05
97	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
98	1	Day Two/Three Intake Obtained	Same as Day One Codes
99	1	Blank	
100	2	Person Line Number	06
102	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
103	1	Day Two/Three Intake Obtained	Same as Day One Codes
104	1	Blank	

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
105	2	Person Line Number	07
107	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
108	1	Day Two/Three Intake Obtained	Same as Day One Codes
109	1	Blank	.
110	2	Person Line Number	08
112	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
113	1	Day Two/Three Intake Obtained	Same as Day One Codes
114	1	Blank	
115	2	Person Line Number	09
117	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
118	1	Day Two/Three Intake Obtained	Same as Day One Codes
119	1	Blank	

**Screener Data Layout For LSH11  
 May 1991**

Columns	Length	Description	Codes
120	2	Person Line Number	10
122	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
123	1	Day Two/Three Intake Obtained	Same as Day One Codes
124	1	Blank	.
125	2	Person Line Number	11
127	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
128	1	Day Two/Three Intake Obtained	Same as Day One Codes
129	1	Blank	.
130	2	Person Line Number	12
132	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
133	1	Day Two/Three Intake Obtained	Same as Day One Codes
134	1	Blank	.

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
135	2	Person Line Number	13
137	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
138	1	Day Two/Three Intake Obtained	Same as Day One Codes
139	1	Blank	
140	2	Person Line Number	14
142	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
143	1	Day Two/Three Intake Obtained	Same as Day One Codes
144	1	Blank	
145	2	Person Line Number	15
147	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
148	1	Day Two/Three Intake Obtained	Same as Day One Codes
149	1	Blank	

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
150	2	Person Line Number	16
152	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
153	1	Day Two/Three Intake Obtained	Same as Day One Codes
154	1	Blank	
155	2	Person Line Number	16
157	1	Day One Intake Obtained	1 Obtained 2 Not Obtained 3 Refused 4 Away/out of town 5 Sick or Ill 6 Religious reasons 7 Other/Void
158	1	Day Two/Three Intake Obtained	Same as Day One Codes

Screeners Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If column 72 is equal to 1 then columns 159 to 171 are blank			
159	1	To whom did you speak	1 Did not speak to anyone 2 Refused Permission to enter building 8 Don't Know 9 No Answer Space Not Applicable
160	1	Is this household White	1 White 2 Non-White 8 Don't Know 9 No Answer Space Not Applicable
161	1	Is this household Spanish	1 Spanish Origin 2 Non-Spanish Origin 8 Don't Know 9 No Answer Space Not Applicable
162	1	Is the Male Head Of Household Over 50	1 Under 50 Years Old 2 50 or Older 8 Don't Know 9 No Answer Space Not Applicable
163	1	Is the Female Head Of Household Over 50	1 Under 50 Years Old 2 50 or Older 8 Don't Know 9 No Answer Space Not Applicable
164	1	Are there any Children 18 Years Or Less	1 Yes 2 No 8 Don't Know 9 No Answer Space Not Applicable
165	1	Is This Household	1 Very Well Off 2 Middle Income 3 Not Well Off At All 8 Don't Know 9 No Answer Space Not Applicable
166	6	Blank	

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 then columns 172 thru 183 are blank			
172	2	Call Number	01
174	4	Call Date	
178	4	Call Time	
182	1	Call Time AM or PM	1 AM 2 PM
183	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

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Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 or 02 then columns 185 thru 197 are blank			
185	2	Call Number	02
187	4	Call Date	
191	4	Call Time	
195	1	Call Time AM or PM	1 AM 2 PM
196	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

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Screener Data Layout For CSR11  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 03 then columns 198 thru 210 are blank			
198	2	Call Number	03
200	4	Call Date	
204	4	Call Time	
208	1	Call Time AM or PM	1 AM 2 PM
209	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 04 then columns 211 thru 223 are blank			
211	2	Call Number	04
213	4	Call Date	
217	4	Call Time	
221	1	Call Time AM or PM	1 AM 2 PM
222	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screening Data Layout for CSRS  
 May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 05 then columns 224 thru 236 are blank			
224	2	Call Number	05
226	4	Call Date	
230	4	Call Time	
234	1	Call Time AM or PM	1 AM 2 PM
235	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 06 then columns 237 thru 249 are blank			
237	2	Call Number	06
239	4	Call Date	
243	4	Call Time	
247	1	Call Time AM or PM	1 AM 2 PM
248	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 07 then columns 250 thru 262 are blank			
250	2	Call Number	07
252	4	Call Date	
256	4	Call Time	
260	1	Call Time AM or PM	1 AM 2 PM
261	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 08 then columns 263 thru 275 are blank			
263	2	Call Number	08
265	4	Call Date	
269	4	Call Time	
273	1	Call Time AM or PM	1 AM 2 PM
274	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 09 then columns 276 thru 288 are blank			
276	2	Call Number	09
278	4	Call Date	
282	4	Call Time	
286	1	Call Time AM or PM	1 AM 2 PM
287	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

**Screener Data Layout For CSFII  
 May 1991**

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 10 then columns 289 thru 301 are blank			
289	2	Call Number	10
291	4	Call Date	
295	4	Call Time	
299	1	Call Time AM or PM	1 AM 2 PM
300	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back



Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 11 then columns 302 thru 314 are blank			
302	2	Call Number	11
304	4	Call Date	
308	4	Call Time	
312	1	Call Time AM or PM	1 AM 2 PM
313	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 12 then columns 315 thru 327 are blank			
315	2	Call Number	12
317	4	Call Date	
321	4	Call Time	
325	1	Call Time AM or PM	1 AM 2 PM
326	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 13 then columns 328 thru 340 are blank			
328	2	Call Number	13
330	4	Call Date	
334	4	Call Time	
338	1	Call Time AM or PM	1 AM 2 PM
339	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 14 then columns 341 thru 353 are blank			
341	2	Call Number	14
343	4	Call Date	
347	4	Call Time	
351	1	Call Time AM or PM	1 AM 2 PM
352	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 15 then columns 354 thru 366 are blank			
354	2	Call Number	15
356	4	Call Date	
360	4	Call Time	
364	1	Call Time AM or PM	1 AM 2 PM
365	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
 May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 16 then columns 367 thru 379 are blank			
367	2	Call Number	16
369	4	Call Date	
373	4	Call Time	
377	1	Call Time AM or PM	1 AM 2 PM
378	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 17 then columns 380 thru 392 are blank			
380	2	Call Number	17
382	4	Call Date	
386	4	Call Time	
390	1	Call Time AM or PM	1 AM 2 PM
391	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 18 then columns 393 thru 405 are blank			
393	2	Call Number	18
395	4	Call Date	
399	4	Call Time	
403	1	Call Time AM or PM	1 AM 2 PM
404	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back



Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 19 then columns 406 thru 418 are blank			
406	2	Call Number	19
408	4	Call Date	
412	4	Call Time	
416	1	Call Time AM or PM	1 AM 2 PM
417	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 20 then columns 419 thru 431 are blank			
419	2	Call Number	20
421	4	Call Date	
425	4	Call Time	
429	1	Call Time AM or PM	1 AM 2 PM
430	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 21 then columns 432 thru 444 are blank			
432	2	Call Number	21
434	4	Call Date	
438	4	Call Time	
442	1	Call Time AM or PM	1 AM 2 PM
443	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back

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Screener Data Layout For CSFII  
May 1991

Columns	Length	Description	Codes
If columns 56 thru 57 equal to 01 thru 22 then columns 445 thru 457 are blank			
445	2	Call Number	22
447	4	Call Date	
451	4	Call Time	
455	1	Call Time AM or PM	1 AM 2 PM
456	2	Result of Call	1 Interview Complete 2 Screening Complete, Interview Appt. Made 3 Screening Complete, Interview Appt. Not Made 4 Household Ineligible, Income Too High 5 Screening Complete, Household Refused 6 Telephone Busy 7 Telephone Out of Order 8 Screening Refused Before Eligibility Determined 9 Screening Appt. Made 10 No one Home/ No answer After 10 Rings 11 Language Barrier 12 Vacant 13 Other 14 No Access 15 Mentally Ill 16 Original Screener Lost in Mail 20 IN HOUSE - Letter Sent 21 IN HOUSE - Called Respondent 22 IN HOUSE - Sent Interviewer Back
458	43	Blank	

**APPENDIX E**

FILE NAME CLIENT-6.C N=429

CARD ID 1:2  
 CASE ID 3:7  
 SEG. ID 8:15  
 H.U. ID 16:18  
 RESP. ID 19:23

=====

MULTI-PUNCH SPREADS

-----

Q.4 REASON DID NOT/WOULD NOT BE LIKELY TO TO TAKE PART IN THIS SURVEY

CARD	COL.	=	
4	11	=	1
4	12	=	2
4	13	=	3
4	14	=	4
4	15	=	5
4	16	=	6
4	17	=	7
4	18	=	8
4	19	=	9
4	20	=	0
4	21	=	8 DK
4	22	=	9 NA

VARIABLES CREATED FOR BANNER POINTS

-----

CARD	COLS.	=	
4	23	=	1 (8-1)
4	24	=	2 (8'11')
4	25	=	3 (8'15')
4	26	=	4 (8-2)
4	27	=	5 (8'21')
4	28	=	6 (8'25')
4	29	=	7 ((8-2) (254-2 OR 254-3))
4	30	=	8 ((8'21') (254-2 OR 254-3))
4	31	=	9 ((8'25') (254-2 OR 254-3))
4	32	=	0 ((8-1) (335'03' OR 335'05'))
2	61	=	1 ((8-1) (335'08'))
2	61	=	2 ((8-1) (335'10'))
2	61	=	3 ((8-1) (335'11'))
2	61	=	4 ((8-1) (335'13' OR 335'15'))
4	33	=	1 ((8-2) (335'03' OR 335'05'))
4	34	=	2 ((8-2) (335'08'))
4	35	=	3 ((8-2) (335'10'))
4	36	=	4 ((8-2) (335'11'))
4	37	=	5 ((8-2) (335'13' OR 335'15'))
4	38	=	6 ((8-2) (254-2 OR 254-3) (335'03' OR 335'05'))
4	39	=	7 ((8-2) (254-2 OR 254-3) (335'08'))
4	40	=	8 ((8-2) (254-2 OR 254-3) (335'10'))
4	41	=	9 ((8-2) (254-2 OR 254-3) (335'11'))
4	42	=	0 ((8-2) (254-2 OR 254-3) (335'13' OR 335'15'))
2	63	=	1 ((8-1) (36-\$ OR 36-1))
2	63	=	2 (8-1 36-2)
2	63	=	3 ((8-2) (36-\$ OR 36-1))
2	63	=	4 (8-2 36-2)

2	64	=	1 - ELIGIBLE, INCLUDE IN ALL TABS
2	64	=	2 - NOT ELIGIBLE, TAB Q.1 BUT DO NOT INCLUDE IN REMAINING TABS

VARIABLES CREATED FOR Q.1/Q.20, Q.12, Q.13  
 -----

CARD	COLS.		
----	-----		
2	65-67	=	CALCULATED MONTHS, Q.1
2	68 71	=	\$ AMOUNT PURCHASES MADE WEEKLY, Q.12 (AT HOME)
2	72 74	=	\$ AMOUNT PURCHASES MADE WEEKLY, Q.13 (AWAY FROM HOME)

TABLE 501

CALCULATIONS FOR Q.1/Q.19, Q.12, Q.13

```

IF (210-1) CALC F265:267 0 (F208:209) &&
(210-2) CALC F265:267 0 (F208:209 * 12) &&
(210-8) CALC F265:267 0 (998) &&
(210-9) CALC F265:267 0 (999)
IF (243-1) CALC F268:271 0 (F240:242) &&
(243-2) CALC F268:271 0 (F240:242 / 4) &&
(243-8) CALC F268:271 0 (9998) &&
(243-9) CALC F268:271 0 (9999)
IF (247-1) CALC F272:274 0 (F244:246) &&
(247-2) CALC F272:274 0 (F244:246 / 4) &&
(247-8) CALC F272:274 0 (998) &&
(247-9) CALC F272:274 0 (999)
  
```

CREATED VARIABLES FOR NONRESPONSE DATABASE  
 -----

CARD	COLS.		
----	-----		
			BANNER POINT, SURVEY ELIGIBILITY
2	64	=	1 - ELIGIBLE
2	64	=	2 - NOT ELIGIBLE
3	50-52	=	# OF DAYS BETWEEN THE DATE OF THE INITIAL CONTACT AND THE DATE OF THE NONRESPONSE INTERVIEW

TABLE 505

CALCULATIONS FOR NONRESPONSE DATA BASE

```

SET QUAL (NOT 336'999999' NOT 48'9999')
IF (340'90') CALC F353:355 0 ((F336:337 * 30) + (F338:339 * 1))
IF (340'91') CALC F353:355 0 ((F336:337 * 30) + (F338:339 * 1) + 365)
IF (45'91') CALC F356:358 0 ((F48:49 * 30) + (F50:51 * 1) + 365)
IF (340'90' 45'91') CALC F350:352 0 (F356:358 - F353:355)
IF (340'91' 45'91') CALC F350:352 0 (F356:358 - F353:355)
SET QUAL OFF
IF (336'999999' OR 48'9999') CALC F350:352 0 (999)
IF (ALL) 264 1
SET QUAL (265:267N$ NOT 350'999' NOT 265'999')
IF (265:267N$ NOT 350'999' NOT 265'999' E(F350:352 GT F265:267)) 264-2
SET QUAL (E(F350:352 GT F265:267 * 30))
IF (350:352N$ 265:267N$) CALC F359:365 0 ((F350:352) - (F265:267 * 30))
  
```



FILE FORMAT FOR NONRESPONSE DATA-BASE FOR CSFIV NONRESPONSE FOLLOW-UP STUDY

ORG. COLS.	NEW COLS.	NAME	DESCRIPTION / COMMENTS CARD 3 ADDITIONAL INFO.
-----	01-02	CARD ID #	
-----	03-07	CASE ID #	
01-08	08-15	SEGMENT #	
09-11	16-18	H.U. #	
12-16	19-23	RESP. ID #	THIS ID NO IS FROM THE ORIGINAL CSFII NON RESPONSE FROM.
17-18	24-25	SQ. 1	THIS IS THE ANSWER TO THE FIRST SCREENING QUESTION ON THE ORIGINAL CSFII SCREENING FROM.
19-20	26-27	UNDER 15	THIS IS QS2 FROM SCREENING FORM - TOTAL PEOPLE UNDER 15 YEARS.
21-22	28-29	15-24	THIS IS QS2 FROM SCREENING FORM - TOTAL PEOPLE 15 -24 YEARS OLD.
23-24	30-31	25-44	THIS IS QS2 FROM SCREENING FORM - TOTAL PEOPLE 25 - 44 YEARS OLD.
25-26	32-33	45-65	THIS IS QS2 FROM SCREENING FORM - TOTAL PEOPLE 45 - 65 YEARS OLD.
27-28	34-35	65+	THIS IS QS2 FROM SCREENING FORM - TOTAL PEOPLE 65 YEARS OLD AND OVER.
29-34	36-41	DATE	THIS IS THE DATE OF THE CONTACT FOR THE CSFII ORIGINAL SCREENING.
35-36	42-43	FINAL.RC	THIS IS THE CSFII ORIGINAL NON RESPONSE RESULT OF CALL.
37-38	44-45	# OF PEOPLE	THIS IS THE NUMBER OF PEOPLE FROM THE INCOME GRID FOR LOW INCOME SCREENINGS ONLY. (SEGMENT NO STARTS WITH 2)
39-42	46-49	INCOME	THIS IS THE INCOME FOR LOW INCOME SCREENINGS ONLY.