Iowa Food Stamp Leavers Survey

Methodology Report

E-FAN-02-014-2
July 2002

By S.M. Nusser, L.L. Anderson, and D.G. Anderson, Department of Statistics and Statistical Laboratory, Iowa State University

Abstract

The Iowa Food Stamp Leavers survey was conducted to evaluate the status of people who had left the Iowa Food Stamp Program in 1997. This report describes the sample design, location strategies, data collection methodologies, and weighting procedures used in conducting the survey and preparing the data for analysis.

For the results of the study, see Iowa Food Stamp Leavers Survey: Final Report, E-FAN-02-014-1.

This study was conducted by Iowa State University under a cooperative research contract with USDA’s Economic Research Service (ERS) Food Assistance and Nutrition Research Program (FANRP): contract number 43-3AEM-8-80100 (ERS project representative: Elizabeth Dagata). The views expressed are those of the authors and not necessarily those of ERS or USDA.
Iowa Food Stamp Leavers Survey Methodology Report

Table of Contents

1. Introduction ......................................................................................................................... 1
2. Sampling Frame ................................................................................................................... 1
3. Sample Allocation ................................................................................................................. 3
4. Sample Selection ................................................................................................................. 3
   4.1 Overview ....................................................................................................................... 3
   4.2 Sample 1 ....................................................................................................................... 3
   4.3 Sample 2 ....................................................................................................................... 4
   4.4 Sample 3 ....................................................................................................................... 5
5. Telephone Survey Methodology .......................................................................................... 7
6. Locating Strategies and Case Outcomes ............................................................................... 8
7. Weighting ............................................................................................................................ 9
8. References .......................................................................................................................... 10

Table 1. 1997 Food Stamp case database variables ..................................................................... 11
Table 2. Target sample sizes for analysis ................................................................................. 12
Table 3. Initial sample size calculations for Sample 1 ............................................................... 13
Table 4. Interim Completed Interviews from Sample 1: call outcomes .................................... 14
Table 5. Interim Completed Interviews from Sample 1: stratum composition analysis ........ 15
Table 6. Interim Completed Interviews from Sample 1: additional cases needed .................. 16
Table 7. Interim Completed Interviews from Sample 1: analyses for Sample 3 design ............ 17
Table 8. Initial sample size calculations for Sample 3 .............................................................. 18
Table 9. Call outcomes: full sample ....................................................................................... 19
Table 10. Call outcomes: by stratum ..................................................................................... 20
Table 11. Initial weights ......................................................................................................... 21

Appendix 1. Questionnaire draft for programming BLAISE survey instrument ...................... 22
Appendix 2. Introductory letters to sampled case heads ......................................................... 56
Iowa Food Stamp Leavers Survey
Methodology Report

1. Introduction

The Iowa Food Stamp Leavers survey was conducted to evaluate the status of persons who had left the Iowa Food Stamp Program (FSP) during 1997. A case is defined as leaving the FSP if the case experienced a minimum of two months absence from the program during the period December 1996 through January 1998. Special emphasis was placed on assessing conditions for ABAWD1 (able-bodied adult without dependents) cases and on making comparisons among rural and metropolitan cases. Part of the assessment for FSP leavers also involved obtaining information on the status of cases that were active in 1997, but that were not considered to have left the FSP.

The target population for the survey was defined to be all Iowa FSP cases that were active at least one month during 1997 and that were living in Iowa at the time of the survey. Because of resource constraints, cases that had left Iowa were defined to be ineligible. A stratified random sample of cases was selected, and a telephone survey was conducted with case heads who were located and willing to participate. This report describes the sample design, location strategies, data collection methodologies, and weighting procedures used in conducting the survey and preparing the data for analysis.

2. Sampling Frame

A data file containing all cases receiving food stamps between December 1996 and January 1998 was obtained from the Iowa Department of Human Services (IDHS). This file contained 111,435 records. Records in the file correspond to unique cases. Each case is associated with individuals identified as the case name (the person who applied for food stamps) and the person name (the case head, the oldest person in the household on food stamps). The variables available in the data file and an interpretation of these variables are presented in Table 1. The processing activities used to prepare a sampling frame are described below.

It was possible for the same individual to be associated with more than one case record. In these instances, the following actions were taken.

- Records referring to the same case head (person name, identified by the state ID) were combined by summing benefit amounts for each month.

- For each combined case, a new case type (i.e., food stamps ended in 1997, food stamps were paid in all months, or other cases with food stamps) and a new reference month (i.e., last month on food stamps or, if on food stamps all 12 months, December 1997) was assigned based on the summed benefits in the newly combined record.

---

1 An ABAWD is defined as a person 18–49 years of age, who does not have a FSP household member who is 17 or younger, who is not pregnant, and who is not exempt from work registration.
• For each combined case, the most recent county of residence, program indicator, and number of children in the household were taken from the source record that matched the new reference month for the combined record.

The file contained additional cases that did not belong to the target population. Records with out-of-state addresses and records that received benefits only in December 1996 or January 1998 (no benefits received in 1997) were removed from the file.

The data file that formed the basis for the sampling frame contained 104,196 records after these processing steps were executed. Three additional variables were used to partition the frame into 18 strata (2 FS leaver levels x 3 household composition levels x 3 population density levels). These three variables and their values were defined as follows.

1. FS leaver
   • Leaver (case was active in 1997 and left the FSP for at least two consecutive months during the period December 1996 and January 1998)
   • Non-leaver (case was active in 1997 and either did not leave the FSP or left only during single nonconsecutive months)

2. Household composition
   • Family (number of children in household > 0), or case head work registration status = exempt due to pregnancy, or receives FIP in reference month
   • Likely ABAWD (no children in household, case head is 18-49 years old, case does not receive FIP)
   • Other household, not families and unlikely to be ABAWD (case head work registration status is exempt\(^2\), or case head is a child under 18 years of age, or case head is an adult 50 years or older)

3. Population density, based on rural-urban continuum codes for counties (Butler and Beale, 1993)
   • Metro (codes 2 and 3: counties in metropolitan areas of 250,000 to 1 million population and in metropolitan areas of fewer than 250,000 population. Metropolitan status was officially designated by the Office of Budget and Management in 1993.)
   • Adjacent to metro (codes 4, 6, and 8: counties with an urban population of 20,000 or more, adjacent to metropolitan area; urban population of 2,500 to 19,999, adjacent to metropolitan area; and completely rural or less than 2,500 urban population, adjacent to metropolitan area)

---

\(^2\) Reasons for exemption from work registration include physically or mentally unfit to work; cares for dependent child(ren) under age 6, not necessarily own child(ren); cares for incapacitated person; enrolled in Promise Jobs; receives FIP-UP benefits; receives UI benefits; enrolled in certified alcohol or drug rehab program; is a migrant or seasonal worker; already working the required number of hours; or enrolled in school half-time.
- *Nonadjacent* to metro (codes 5, 7, and 9: counties with urban population of 20,000 or more, not adjacent to metropolitan area; urban population of 2,500 to 19,999, not adjacent to metropolitan area; and completely rural or less than 2,500 urban population, not adjacent to metropolitan area)

3. **Sample Allocation**

   Resource constraints dictated a target sample size of approximately 700 completed cases. Since the subpopulations of primary interest are ABAWDs, FSP leavers, and especially ABAWD FSP leavers, it was desirable to allocate proportionately more cases to these categories. Target sample sizes (i.e., desired number of completed interviews) for these subpopulations are presented in Table 2.

4. **Sample Selection**

4.1 **Overview**

   Although only a single draw was planned for selecting the sample, ultimately three separate samples were selected to achieve the target sample size. This occurred because initial assumptions regarding location rates, cooperation rates, and the percentage of true ABAWDs in the Likely ABAWD stratum required adjustment. In summary, the three samples selected were as follows.

   Sample 1: This is a sample of 1621 cases, divided into three replicates. A portion of this sample (all but 211 cases) was used to provide new estimates of location, cooperation, and true ABAWD rates for each stratum. This partial sample is referred to as Interim Sample 1, having 369 interim completed cases from the 1410 initialized cases.

   Sample 2: The design used for Sample 2 was identical to that of Sample 1, and was drawn to keep interview production rates on schedule. Only Replicate 1 was used, which contained 406 cases.

   Sample 3: This sample consists of 498 Likely ABAWD cases. It was drawn to improve number of true ABAWD cases in sample, in response to analysis of Interim Sample 1.

4.2 **Sample 1**

   Table 3 presents the number of cases in the frame and target sample sizes (i.e., the desired number of completed interviews) for each stratum. To determine the initial sample size to be drawn for Sample 1 (i.e., the sample size selected from the frame), assumptions were required regarding the percentage of true ABAWDs in the Likely ABAWD stratum. Further, location rates (i.e., the fraction of sample cases that are located) and cooperation rates (i.e., the fraction of located cases that generate completed interviews) were assumed for each stratum to determine the initial sample size required to achieve the target sample sizes desired for analysis purposes.
We assumed that 80% of the *Likely ABAWD* stratum cases in the frame would be classified as true ABAWDs based on interview data, and that the other 20% of cases would belong to either the *Family* or the *Other* household composition strata.

To adjust the target sample size, the number of cases allocated to the *Likely ABAWD* stratum was divided by 0.80. Since it was assumed that the other 20% of cases would belong to the remaining household composition strata corresponding to *Other* and *Family*, the target sample sizes for these two groups were decreased proportionally to their target sample sizes, by total amount equal to the number of cases by which the ABAWD stratum was increased. The reallocated target sample sizes are listed in the second to last column of Table 3.

There was a considerable amount of missing contact information in the sampling frame. The proportion of missing phone numbers was 16% for *Families* and around 30% for the *Other* and *Likely ABAWD* strata. Because of this, and because ABAWDs are a mobile population, it was assumed that 80% of the families and 57% of the *Other* and *Likely ABAWD* strata would be locatable. Further, a 70% cooperation rate was assumed based on earlier studies using welfare participant lists for a sample frame. The final allocation for initial stratum sample sizes for Sample 1 is presented in the last column of Table 3.

Sample 1 was drawn according to the specifications in Table 3 using systematic sampling from a frame that was sorted within each of the 18 strata by FIPS code and reference month. To facilitate call management, the sample was divided into three replicates\(^3\). However, because locating respondents turned out to be more problematic than expected, all three replicates from Sample 1 were needed earlier than expected in the interviewing process.Calling began immediately on the first two replicates and a week later, work was begun on Replicate 3 of Sample 1.

### 4.3 Sample 2

In order to quickly obtain more telephone numbers for processing, Sample 2 was drawn in the same manner as the first sample, although only Replicate 1 of Sample 2 was actually used. Locating and interviewing were initiated for Replicate 1 of Sample 2, while the interim completed interviews from Sample 1 were analyzed to determine whether additional adjustments were needed. These 369 completed interviews from Sample 1 are hereafter referred to as the Interim Completed Interviews. The remaining 211 cases from Replicate 3 of Sample 1 were combined with Replicate 1 of Sample 2 for call management purposes. The second and third replicates of Sample 2 were discarded and not used.

### 4.4 Sample 3

Data from the 369 Interim Completed Interviews associated with Sample 1 were analyzed to assess sample design assumptions. Table 4 presents call outcomes for the Interim Completed

---

\(^3\) The first replicate included 25% (406 cases) of Sample 1 for each of the strata, and was to be used to evaluate whether assumptions on frame error, location rates, nonresponse rates, and ineligibility rates, were approximately correct. The second replicate, containing 35% (566 cases) of Sample 1, was to be worked on while completing Replicate 1 for analysis. The third replicate, 40% (649 cases) of Sample 1, was to be used if the observed Replicate 1 data analyses indicated results from interview data were consistent with initial assumptions used to determine the initial sample sizes for Sample 1 in Table 3. If Replicate 1 data indicated an adjustment was necessary to obtain the sample sizes required to meet analysis objectives given budget constraints, Replicate 3 was to be discarded and reselected.
Interviews from Sample 1. Initial assumptions regarding the fraction of true ABAWDS in the Likely ABAWDED stratum were evaluated by classifying each Interim completed case as being a true ABAWDE, Family, or Other case, using interview data on 1997 conditions.

In analyzing Interim Completed Interviews from Sample 1, it was not possible to assess the composition of strata with respect to 1997 Population Density and 1997 FS Leaver status. In particular, we were unable to determine the 1997 FS leaver status from the interview data since FSP data were collected only for 1999 during the interview. Similarly, for 1997 Population Density, only 1999 data were available for county of residence. Thus, only 1997 Household Composition as determined by the frame and the interview could be analyzed for each stratum. Table 5 shows the number of interim completed cases for each stratum (i) using the original frame assignment for household composition (n_i^F) and using the interview data to define the 1997 household composition (n_i^L). Note that for the Likely ABAWDE Household Composition (k = 2 in Table 5), n_i^L > n_i^F; conversely, for the Family (k = 1) and Other (k = 3) Household Composition groups, n_i^F < n_i^L. That is, for analysis purposes, many of the cases in the Likely ABAWDE group (k = 2) within a given FS Leaver status and Population Density class were classified as non-ABAWDE. While this was expected when the sample was drawn, the fraction of non-ABAWDE cases within the Likely ABAWDE group for a given FS Leaver status and Population Density class was higher than expected. Of all the interim respondents from the Likely ABAWDE stratum, 48% were found to be true ABAWDEs in 1997, rather than 80% as assumed for allocating Sample 1.

The last column of Table 5 provides, for a given FS Leaver status and Population Density, the proportion (p_i,k) of Interim Completed Interviews in the Likely ABAWDE group that were classified as having Household Composition k (the given FS Leaver status, Population Density, and Household Composition k define the stratum index, i). For example, for the FS Leaver-Family-Adjacent stratum (j = 1), p_{11} = 0.29 indicates 29% of cases in the FS Leaver-Like ABAWDE-Adjacent stratum were classified as Family (k = 1) on the basis of interim interview data. Similarly, for the Not FS Leaver-Like ABAWDE-Metro stratum (j = 14), the proportion of interim completes whose data indicated a 1997 ABAWDE status (k = 2) was p_{14,2} = 0.50. Note that p_{i1} + p_{i3,2} + p_{i6,3} = 1, for i = 1, 2, 3, 10, 11, 12 (corresponding to the six FS Leaver status and Population Density combinations.

The next step in developing design specifications for Sample 3 was to estimate the number of cases needed beyond Interim Completed Interviews from Sample 1 to reach target subpopulation sample sizes. Interim completes were analyzed to determine the number of cases needed to attain the target for each stratum, t_{ik}, where i indexes the stratum and k indexes Household Composition group (Table 6). This value was determined by subtracting n_i^L, the number of cases per stratum based on Interim Completed Interviews in Table 5, from s_{i}, the subpopulation target sample size in Table 3.

In determining the sample size from stratum i needed to achieve the target sample size t_{ik}, adjustments are needed to account for cases in stratum i whose interview data indicate a different household composition from the frame stratum designation. For example, if the t_{14,2} cases are drawn from the Not FS Leaver-Like ABAWDE-Metro stratum, a portion of the cases will be found to have a 1997 household composition using interview data of Family (k = 1) or Other
(k = 3), rather than Likely ABAWD (k = 2) from the frame assignment. To estimate \(a_{i2}\), the number of cases out of \(t_{i2}\) cases that have a 1997 household composition of ABAWD (k = 2) based on the interview data, we used the following formula:

\[
a_{i2} = t_{i2} p_{i2} .
\]

Similarly, for Family and Other strata, the target \(t_{ik}\) would need to be reduced by the fraction of Family (k = 1) and Other (k = 3) cases found in the Likely ABAWD stratum (k = 2). The estimated adjustment, \(a_{ik}\) cases for k = 1 or 3, was calculated as follows:

\[
a_{i1} = -\frac{a_{i2} p_{i1}}{p_{i1} + p_{i3}}
\]  \hspace{1cm} [2]

and

\[
a_{i3} = -\frac{a_{i2} p_{i3}}{p_{i1} + p_{i3}} .
\]  \hspace{1cm} [3]

Results from these calculations are noted in Table 6.

The sum of the target sample size plus the adjustment for each stratum, \(t_{ik} + a_{ik}\), are presented in the last column of Table 6. Adjusted (nonnegative) target sample sizes were calculated as

\[
t_{ik}^{adj} = \max\{t_{ik} + a_{ik}, 0\} ,
\]

and are presented in Table 7.

The next step was to calculate actual sample sizes to be drawn from the frame, by estimating interim location and cooperation rates. Using the Interim Completed Interviews from Sample 1, consisting of \(s_i^F\) cases from stratum \(i\), the interim location rate \(f_i\) and cooperation rate \(r_i\) were calculated as follows:

\[
f_i = \frac{l_i}{s_i^F}
\]

and

\[
r_i = \frac{n_i^F}{l_i} ,
\]

where \(l_i\) is the number of cases located in the interim sample, equal to the sum of interim cases with classifications of interview completed, appointment scheduled, nonrespondent, and ineligible (Table 4). Estimated rates are presented in Table 7.
The target adjusted sample size was further adjusted to account for the interim cooperation rate and the fraction locatable as follows:

\[ s_i^{P} = \frac{s_i^{adj}}{\hat{f}_i r_i} \]

(Table 7). This provides an estimate of the preliminary sample sizes that are needed beyond Interim Sample 1.

The next step was to subtract cases remaining from the Sample 2 \( s_i^2 \) and the 211 cases from Sample 1 not initiated at the beginning of these analyses \( s_i^{211} \) from the preliminary sample size \( s_i^P \) to obtain a preliminary frame sample size for Sample 3 \( s_i^{P3} \). The following calculation was used:

\[ s_i^{P3} = \max \{ s_i^P - (s_i^{211} + s_i^2), 0 \} \]

(Table 8). These analyses indicated that the proportion of Family and Other households in the Likely ABAWD stratum cases was high enough that Sample 3 should be drawn entirely from the Likely ABAWD stratum within each of the FS Leaver and Population Density strata.

Finally, the number of completed interviews that are generated from sample, based on preliminary sample sizes for Sample 3 \( s_i^{P3} \) was estimated for each stratum as follows:

\[ c_i = s_i^{P3} \hat{f}_i r_i \]

(Table 8). These analyses indicated that the proportion of Family and Other households in the Likely ABAWD stratum cases was high enough that Sample 3 should be drawn entirely from the Likely ABAWD stratum within each of the FS Leaver and Population Density strata.

This calculation indicated that a total of 470 completed cases were expected, with 307 from the preliminary third sample alone. Because of budget constraints, only 100 new interviews from the third sample were feasible, even if this meant that the completed ABAWD cases fell short of the target sample size. The sample size in each stratum in the preliminary third sample was multiplied by one-third (100/307) to obtain 498 for the initial sample size of Sample 3 \( s_i^3 \) in last column of Table 8).

5. **Telephone Survey Methodology**

A questionnaire was developed jointly by H.H. Jensen, S. Garasky and D.G. Anderson (Appendix 1). A computer-assisted survey instrument was programmed using the BLAISE computer-assisted telephone interviewing software package.

Sample case heads were mailed letters prior to receiving a first telephone contact (Appendix 2). Respondents with telephone numbers were sent a letter introducing the study that included a toll free number should they have questions about the study. Respondents with no known telephone number were sent a letter that included a business reply postcard to return with
updated contact information. Non-responders were mailed a second letter and postcard later in the study in an additional effort to reach them.

Telephone interviewers were trained in Statistical Laboratory standard interviewing techniques and procedures to conduct project interviews. A manual of interviewing procedures and question by question specifications was used for training and as a reference throughout the interviewing process.

Telephone interviews were conducted during June, July, and August of 1999. When conducting data collection, the following protocols were followed by Statistical Laboratory staff. All cases were rotated through a minimum of 12 call attempts. Phone numbers that required multiple attempts were tried at varying times (e.g., days and evenings, weekdays and weekends). If an answering machine was reached, additional attempts were made to that number and messages identifying the study were left on the machine. Suspected fax lines and modems were attempted at several additional and varied times to determine if they were associated with the sample household. All cases with disconnected or incorrect phone numbers, as well as those with no phone numbers and/or addresses were placed in a tracking queue (see Section 6). When updated locating information was found, these cases were placed back into the interviewing queue. Proxy interviews were conducted for non-English speaking respondents and for incompetent respondents when possible. A $25 gift certificate to a local food store was provided to all respondents completing the interview as an incentive.

All interviews were conducted under the direct supervision of a telephone interviewing supervisor. Interviewers were monitored at random intervals as a quality control measure, and completed interviews were edited by a supervisor. The computer-assisted survey instrument was programmed to include edit checks for detecting illegal values and logic errors as responses were entered into the computer during the interview. Discrepancies, omissions and unclear responses were clarified with the interviewer if possible, and a data retrieval callback was made to the respondent by the original interviewer or the supervisor when required. Open-ended data were edited and coded by supervisory staff. Corrections in the data were made as inaccuracies were found.

6. Locating Strategies and Case Outcomes

Because the study population was highly mobile and locating information from the IDHS database for 1997 FS participants was often incomplete or inaccurate, the following strategies were implemented to locate respondents.

1. Because the IDHS updates case name, address and telephone information on a regular basis, the selected sample was submitted to the IDHS just prior to the June data collection. It was then re-submitted to IDHS in July to obtain the most current locating information available.

2. Some cases required directory assistance searches through telephone companies and/or internet directory listings.

3. Reverse directory searches were used for cases in the metropolitan areas of Des Moines, Davenport, and Cedar Rapids.

4. Cases with incorrect addresses were submitted for a National Change of Address (NCOA) search.
5. Cases with incorrect or missing phone numbers were submitted to Lortondata for updated phone information.

6. Some respondents provided more accurate or complete locating information by calling the project's toll-free number, and some returned business-reply postcards (included with the introductory letter) indicating current telephone/address information.

7. Information was also gathered through a third party (relative, neighbor, friend) when possible.

Final case dispositions are presented in Table 9. Table 10 summarizes call outcomes by stratum.

A case is defined as "located" if any contact information was obtained for the case head that led to a telephone number for the case, whether or not we were able to verify it as accurate. Of the total sample of 2526 cases, 1275 (50.5%) were located for a possible interview. The large unlocatable fraction was partially a product of the difficulties presented by tracking 1997 FSP cases from a statewide sample dispersed throughout Iowa in 1999. The fraction of unlocatables was about twice that of a 1998 sample tracked in a few months after a frame was created from the same welfare database.

A case was considered eligible if the respondent was living in Iowa in a non-institutionalized setting at the time of the study and verified receipt of 1997 FSP benefits. Of the 1275 located cases, 199 (15.6%) were classified as ineligible (deceased, out-of-state, institutionalized, never in FSP). Over two-thirds of ineligible cases had moved out of state. Over one-fifth had been institutionalized. Very few stated that they had not received FSP benefits in 1997.

Of the 1076 remaining cases, 735 generated completed interviews, and 106 were known to be living in Iowa in a non-institutional setting but did not provide interviews (mainly refusals), and 235 were not contactable (no phone or maximum call attempts).

The cooperation rate for the located and presumed eligible cases was 87.4% (735 out of 841 cases). The refusal rate for this group was 10.8% (91 out of 841 cases).

The response rate for the entire sample, including the 1251 (49.5%) unlocatable cases, was 36.0%. This response rate was adjusted for the 80.9% eligibility rate (841 presumed eligible out of 1040 cases with known eligibility status), using an estimated \[ (0.809 \times 1486) + 841 \] = 2042.7 eligible cases in the denominator (AAPOR, 1998).

7. Weighting

Weights were calculated to adjust for unequal selection probabilities and nonresponse. Because there appeared to be a large fraction of ineligibles, the frame total for stratum \( i \) was adjusted by a final estimated eligibility rate stratum \( i \), \( f_i^* \), defined as

\[
f_i^* = \frac{e_i}{e_i + u_i},
\]
where \( e_i \) is the number of known eligibles (complete interviews, refusals, respondents unavailable for study, incompetents, cases with language barriers) in stratum \( i \), and \( u_i \) is the number of known ineligibles in stratum \( i \). Cases of unknown eligibility (unlocatables, maximum calls, and messages) were not used in the adjustment (Table 12). The adjusted frame total for stratum \( i \) is defined as

\[
N_i^{adj} = f_i^* N_i,
\]

where \( N_i \) is the original frame total.

The initial weight for case \( j \) in stratum \( i \) is defined as

\[
w_{ij}^0 = n_i^{-1} N_i^{adj},
\]

where \( n_i \) is the final number of completed interviews in stratum \( i \) (Table 10). The initial weights, \( w_{ij}^0 \), were cumulated and rounded to generate integer weights, \( w_{ij} \), that sum to the adjusted frame total in each stratum,

\[
\sum_j w_{ij} = N_i^{adj}
\]

for \( i = 1, 2, ..., 18 \) strata. The final weights are in units of case heads (or households associated with the case head).

8. References


AAPOR. 1998. Final Disposition of Case Codes and Outcome Rates for RDD Telephone Surveys and In-Person Household Surveys. *American Association for Public Opinion Research*. 
<table>
<thead>
<tr>
<th>Case Name &amp; Location Information</th>
<th>Case Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
<td>The individual who applied for the FS assistance, may or may not be on assistance. May be spouse, mother, etc. of case head.</td>
</tr>
<tr>
<td>Zip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>County of residence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program Participation for case</th>
<th>Food Stamp benefits</th>
<th>Dollar amount per month</th>
</tr>
</thead>
<tbody>
<tr>
<td>One variable for each month from 12/96 to 01/98</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Case type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Left food stamps in 1997 (using definition of leaving FSP for ( \geq 2 ) months)</td>
</tr>
<tr>
<td>2</td>
<td>On FS for all months in 1997</td>
</tr>
<tr>
<td>3</td>
<td>Other cases with food stamps from 12/96 – 01/98</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Month of examination</th>
<th>Type 1: Last month on FS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 2: December, 1997</td>
<td></td>
</tr>
<tr>
<td>Type 3: Last month on FS from 12/96 – 01/98</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aidtype of case</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same aidtypes that were used in SPD</td>
<td></td>
</tr>
<tr>
<td>Hierarchy: FIP, FSP, Medicaid</td>
<td></td>
</tr>
<tr>
<td>If a case has all three programs, aidtype indicates FIP.</td>
<td></td>
</tr>
<tr>
<td>If FSP and Medicaid, then aidtype indicates FSP</td>
<td></td>
</tr>
<tr>
<td>Aidtype indicates Medicaid if it is only Medicaid</td>
<td></td>
</tr>
<tr>
<td>The information in this variable may not be correct (not updated)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Only food stamps</td>
</tr>
<tr>
<td>2</td>
<td>FIP also</td>
</tr>
<tr>
<td>3</td>
<td>Title 19 only (Medicaid)</td>
</tr>
<tr>
<td>4</td>
<td>Both Title 19 and FIP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ABAWD indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No ABAWD</td>
</tr>
<tr>
<td></td>
<td>No one in the household was cancelled from food stamps for being an ABAWD</td>
</tr>
<tr>
<td>1</td>
<td>ABAWD when case cancelled</td>
</tr>
<tr>
<td></td>
<td>Indicates existence of ABAWD on the case (anyone on the case).</td>
</tr>
<tr>
<td></td>
<td>Case could be cancelled for any reason, not necessarily ABAWD.</td>
</tr>
<tr>
<td>2</td>
<td>ABAWD (either closed or reinstated)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total people in household in month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Household is defined as everyone in the home that month who received assistance (food stamps, FIP, or Title 19)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total adults in household in month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>An adult is anyone 18 or older.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total children in household in month</th>
<th>Description</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Case head information</th>
<th>Person name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1: Last month on FS</td>
<td>Oldest person on food stamps. Can be a child.</td>
<td></td>
</tr>
<tr>
<td>Type 2: December 1997</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type 3: Last month on FS from 12/96 – 01/98</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>State ID, identifies individual</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Birthdate</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td></td>
</tr>
<tr>
<td>Ethnicity</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Food Stamp registration status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mandatory</td>
</tr>
<tr>
<td></td>
<td>includes all ABAWDS (but not limited to ABAWDS)</td>
</tr>
<tr>
<td>2</td>
<td>Mandatory – exempt – pregnant</td>
</tr>
<tr>
<td></td>
<td>No ABAWDS are present in registration groups with codes 2,3,4</td>
</tr>
<tr>
<td>3</td>
<td>Mandatory – exempt for other reasons</td>
</tr>
<tr>
<td>4</td>
<td>Exempt from registration</td>
</tr>
</tbody>
</table>
Table 2. Desired number of completed cases (i.e., target sample size) for each subpopulation of interest.

a. Target sample sizes for FS Leaver subpopulations

<table>
<thead>
<tr>
<th>Household Composition</th>
<th>Population Density</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metro</td>
<td>Adjacent</td>
</tr>
<tr>
<td>Family</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>ABAWD</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Other</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>183</td>
<td>183</td>
</tr>
</tbody>
</table>

b. Target sample sizes for Non-FS Leaver subpopulations

<table>
<thead>
<tr>
<th>Household Composition</th>
<th>Population Density</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metro</td>
<td>Adjacent</td>
</tr>
<tr>
<td>Family</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>ABAWD</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Other</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>
Table 3. Number of cases per stratum for the frame, target sample size for each subsubpopulation, reallocated target sample size for each stratum, and initial sample size for Sample 1.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>FS Leaver Status</th>
<th>Household Composition</th>
<th>Population Density</th>
<th>Subpopulation Target Sample Size ($s_i$)</th>
<th>Reallocated Stratum Target Sample Sizes</th>
<th>Initial Sample Size to Begin Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>i</td>
<td>k</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Family</td>
<td>Adjacent</td>
<td>5,505</td>
<td>50</td>
<td>35</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Metro</td>
<td></td>
<td>12,419</td>
<td>50</td>
<td>35</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>7,702</td>
<td>50</td>
<td>35</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Likely</td>
<td>Adjacent</td>
<td>1,093</td>
<td>100</td>
<td>125</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>ABAWD</td>
<td>Metro</td>
<td>4,222</td>
<td>100</td>
<td>125</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>1,788</td>
<td>100</td>
<td>125</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>Other</td>
<td>Adjacent</td>
<td>2,878</td>
<td>33</td>
<td>23</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Metro</td>
<td></td>
<td>7,974</td>
<td>33</td>
<td>23</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>4,788</td>
<td>34</td>
<td>24</td>
</tr>
<tr>
<td>10</td>
<td>1</td>
<td>Family</td>
<td>Adjacent</td>
<td>6,314</td>
<td>15</td>
<td>11</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>Metro</td>
<td></td>
<td>16,229</td>
<td>15</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>9,559</td>
<td>15</td>
<td>11</td>
</tr>
<tr>
<td>13</td>
<td>2</td>
<td>Likely</td>
<td>Adjacent</td>
<td>318</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>ABAWD</td>
<td>Metro</td>
<td>852</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>535</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>16</td>
<td>3</td>
<td>Other</td>
<td>Adjacent</td>
<td>4,656</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>Metro</td>
<td></td>
<td>9,603</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>7,761</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Table 4. Call outcomes for household composition strata for Interim Completed Interviews from Sample 1.

<table>
<thead>
<tr>
<th>Interim Call Outcome</th>
<th>Household Composition Stratum</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Family</td>
<td>Likely ABAWD</td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td>Percentage</td>
</tr>
<tr>
<td>Interview completed</td>
<td>88</td>
<td>42.7</td>
</tr>
<tr>
<td>Appointment scheduled</td>
<td>4</td>
<td>1.9</td>
</tr>
<tr>
<td>Nonrespondent</td>
<td>5</td>
<td>2.4</td>
</tr>
<tr>
<td>Disconnected or other problem</td>
<td>72</td>
<td>35.0</td>
</tr>
<tr>
<td>No contact</td>
<td>32</td>
<td>15.5</td>
</tr>
<tr>
<td>Ineligible</td>
<td>5</td>
<td>2.4</td>
</tr>
<tr>
<td>Total</td>
<td>206</td>
<td>100.0</td>
</tr>
</tbody>
</table>
Table 5. Number of Interim Completed Interviews from Sample 1 for each stratum, and proportion of interim completes for which original Likely ABAWD frame stratum generated a given Household Composition as determined from interview data.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>FS Leaver Status</th>
<th>Household Composition</th>
<th>Population Density</th>
<th>Number of Interim Completed Interviews Using Frame Definition for Household Composition ((n^f_i))</th>
<th>Using Interim Interview Data for 1997 Household Composition ((n^i_j))</th>
<th>Proportion of Interim Cases in Corresponding Likely ABAWD Stratum ((p_{k}))</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FS Leaver</td>
<td>1 Family</td>
<td>Adjacent</td>
<td>22</td>
<td>32</td>
<td>0.29^b</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>1 Metro</td>
<td></td>
<td>19</td>
<td>34</td>
<td>0.18^b</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>2 Nonadjacent</td>
<td></td>
<td>18</td>
<td>34</td>
<td>0.14^b</td>
</tr>
<tr>
<td>4</td>
<td>2 Likely</td>
<td>Adjacent</td>
<td></td>
<td>55</td>
<td>55</td>
<td>0.40^c</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>ABAWD</td>
<td></td>
<td>43</td>
<td>26</td>
<td>0.53^c</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>66</td>
<td>37</td>
<td>0.56^c</td>
</tr>
<tr>
<td>7</td>
<td>3 Other</td>
<td>Adjacent</td>
<td></td>
<td>14</td>
<td>25</td>
<td>0.31^d</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Metro</td>
<td></td>
<td>17</td>
<td>21</td>
<td>0.33^d</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>16</td>
<td>29</td>
<td>0.26^d</td>
</tr>
<tr>
<td>10</td>
<td>Not FS Leaver</td>
<td>1 Family</td>
<td>Adjacent</td>
<td>9</td>
<td>13</td>
<td>0.20^b</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>1 Metro</td>
<td></td>
<td>10</td>
<td>12</td>
<td>0.17^b</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>2 Nonadjacent</td>
<td></td>
<td>10</td>
<td>17</td>
<td>0.38^c</td>
</tr>
<tr>
<td>13</td>
<td>2 Likely</td>
<td>Adjacent</td>
<td></td>
<td>15</td>
<td>8</td>
<td>0.47^c</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>ABAWD</td>
<td></td>
<td>18</td>
<td>11</td>
<td>0.50^c</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>16</td>
<td>6</td>
<td>0.31^c</td>
</tr>
<tr>
<td>16</td>
<td>3 Other</td>
<td>Adjacent</td>
<td></td>
<td>5</td>
<td>8</td>
<td>0.33^d</td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>Metro</td>
<td></td>
<td>8</td>
<td>13</td>
<td>0.33^d</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>Nonadjacent</td>
<td></td>
<td>8</td>
<td>11</td>
<td>0.31^d</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>369</td>
<td>369</td>
<td></td>
</tr>
</tbody>
</table>

a For a given FS Leaver Status and Population Density, proportion of Interim Completed Interviews in corresponding Likely ABAWD stratum for which interim interview data indicated the given household composition (\(k = 1\) for Family, \(k = 2\) for Likely ABAWD, \(k = 3\) for Other).

b Proportion of Family households in corresponding Likely ABAWD stratum, using interview data for 1997 status (\(k = 1\)).

c Proportion of Likely ABAWD households in stratum using interview data for 1997 status (\(k = 2\)).

d Proportion of Other households in corresponding Likely ABAWD stratum using interview data for 1997 status (\(k = 3\)).
Table 6. Number of completed cases needed to reach target sample sizes given stratum sample sizes for Interim Completed Interviews from Sample 1, adjusted to account for differences in frame and interview household composition assignments.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Number of Cases Needed to Attain Target ( (t_{ik}) )</th>
<th>Estimated Number of Cases Using Interview Data ( (a_{ik}) )</th>
<th>Adjusted Number of Cases Needed to Attain Target ( (t_{ik} + a_{ik}) )</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 FS Leaver</td>
<td>1 Family Adjacent 9</td>
<td>-21.75(^a)</td>
<td>-13(^d)</td>
</tr>
<tr>
<td></td>
<td>2 Metro 18</td>
<td>-10.36(^a)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3 Nonadjacent 16</td>
<td>-11.34(^a)</td>
<td>5</td>
</tr>
<tr>
<td>4 2 Likely</td>
<td>2 Adjacent 75</td>
<td>45.00(^b)</td>
<td>120</td>
</tr>
<tr>
<td>5 ABAWD</td>
<td>4 Metro 74</td>
<td>34.78(^b)</td>
<td>109</td>
</tr>
<tr>
<td>6</td>
<td>5 Nonadjacent 63</td>
<td>27.72(^b)</td>
<td>91</td>
</tr>
<tr>
<td>7 3 Other</td>
<td>7 Adjacent 8</td>
<td>-23.25(^c)</td>
<td>-15</td>
</tr>
<tr>
<td></td>
<td>8 Metro 12</td>
<td>-24.42(^c)</td>
<td>-12</td>
</tr>
<tr>
<td></td>
<td>9 Nonadjacent 5</td>
<td>-16.38(^c)</td>
<td>-11</td>
</tr>
<tr>
<td>10 Not FS Leaver</td>
<td>1 Family Adjacent 2</td>
<td>-3.40(^a)</td>
<td>-1</td>
</tr>
<tr>
<td>11</td>
<td>3 Metro 3</td>
<td>-2.38(^a)</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>-2 Nonadjacent</td>
<td>-7.22(^a)</td>
<td>-9</td>
</tr>
<tr>
<td>13 2 Likely</td>
<td>2 Adjacent 17</td>
<td>9.01(^b)</td>
<td>26</td>
</tr>
<tr>
<td>14 ABAWD</td>
<td>3 Metro 14</td>
<td>7.00(^b)</td>
<td>21</td>
</tr>
<tr>
<td>15</td>
<td>4 Nonadjacent 19</td>
<td>13.11(^b)</td>
<td>32</td>
</tr>
<tr>
<td>16 3 Other</td>
<td>2 Adjacent 2</td>
<td>-5.61(^c)</td>
<td>-4</td>
</tr>
<tr>
<td>17</td>
<td>-3 Metro</td>
<td>-4.62(^c)</td>
<td>-8</td>
</tr>
<tr>
<td>18</td>
<td>-1 Nonadjacent</td>
<td>-5.89(^c)</td>
<td>-7</td>
</tr>
</tbody>
</table>


b  See equation [1] in text.


d  Negative values were set to 0; see Table 7 for \( t_{ik}^{adj} \) using equation [4] in text.
Table 8. Calculation of preliminary and final frame sample sizes for Sample 3.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Household Composition</th>
<th>Preliminary Sample Size Needed ((s_i^P))</th>
<th>Remaining 211 Cases From Sample 1 ((s_i^{211}))</th>
<th>Preliminary Sample Size for Sample 3 ((s_i^{P3}))</th>
<th>Expected Number of Completes from (s_i^{P3} \times c_i)</th>
<th>Initial Sample Size for Sample 3 (s_i^3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FS Leaver Family</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>FS Leaver Family</td>
<td>20</td>
<td>10</td>
<td>15</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>FS Leaver Nonadjacent</td>
<td>14</td>
<td>8</td>
<td>15</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>Likely Family</td>
<td>Adjacent</td>
<td>585</td>
<td>39</td>
<td>77</td>
<td>469</td>
</tr>
<tr>
<td>5</td>
<td>ABAWD Family</td>
<td>Metro</td>
<td>673</td>
<td>41</td>
<td>77</td>
<td>555</td>
</tr>
<tr>
<td>6</td>
<td>ABAWD Nonadjacent</td>
<td>367</td>
<td>40</td>
<td>77</td>
<td>250</td>
<td>91</td>
</tr>
<tr>
<td>7</td>
<td>Other Family</td>
<td>Adjacent</td>
<td>0</td>
<td>7</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>Other Family</td>
<td>Metro</td>
<td>0</td>
<td>11</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>Other Family</td>
<td>Nonadjacent</td>
<td>0</td>
<td>5</td>
<td>15</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>Not FS Leaver Family</td>
<td>Adjacent</td>
<td>0</td>
<td>3</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>11</td>
<td>Not FS Leaver Family</td>
<td>Metro</td>
<td>1</td>
<td>2</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>12</td>
<td>Not FS Leaver Family</td>
<td>Nonadjacent</td>
<td>0</td>
<td>3</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>13</td>
<td>Likely Family</td>
<td>Adjacent</td>
<td>120</td>
<td>8</td>
<td>19</td>
<td>93</td>
</tr>
<tr>
<td>14</td>
<td>ABAWD Family</td>
<td>Metro</td>
<td>79</td>
<td>9</td>
<td>19</td>
<td>51</td>
</tr>
<tr>
<td>15</td>
<td>ABAWD Nonadjacent</td>
<td>138</td>
<td>8</td>
<td>19</td>
<td>111</td>
<td>32</td>
</tr>
<tr>
<td>16</td>
<td>Other Family</td>
<td>Adjacent</td>
<td>0</td>
<td>4</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>17</td>
<td>Other Family</td>
<td>Metro</td>
<td>0</td>
<td>2</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>18</td>
<td>Other Family</td>
<td>Nonadjacent</td>
<td>0</td>
<td>1</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>

1997 \[\text{Preliminary Sample Size}\]  \ 211 \[\text{Remaining Cases}\]  \ 406 \[\text{Sample 1}\]  \ 1529 \[\text{Sample 3}\]  \ 470 \[\text{Expected Completes}\]  \ 498 \[\text{Initial Sample Size}\]

---
a Adjusted to produce 100 expected completes.
**Table 7.** Calculation of interim cooperation and location rates, and of preliminary sample sizes needed beyond Interim Completed Interviews from Sample 1 to attain target sample sizes for stratum subpopulations.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Household Composition</th>
<th>Population Density</th>
<th>Number of completed cases using frame stratum definition ($n_i^F$)</th>
<th>Number of cases in interim sample ($s_i^F$)</th>
<th>Number of Cases Located ($l_i$)</th>
<th>Interim Fraction Locatable ($f_i$)</th>
<th>Interim Cooperation Rate ($r_i$)</th>
<th>Adjusted Number of Cases Needed to Attain Target ($n_i^adj$)</th>
<th>Preliminary Sample Size Needed ($S_i^p$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 FS Leaver</td>
<td>Family</td>
<td>Adjacent</td>
<td>22</td>
<td>50</td>
<td>23</td>
<td>0.46</td>
<td>0.96</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>Metro</td>
<td>19</td>
<td>50</td>
<td>27</td>
<td>0.54</td>
<td>0.70</td>
<td>8</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Nonadjacent</td>
<td>18</td>
<td>54</td>
<td>20</td>
<td>0.37</td>
<td>0.90</td>
<td>5</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Likely</td>
<td>Adjacent</td>
<td>55</td>
<td>268</td>
<td>79</td>
<td>0.29</td>
<td>0.70</td>
<td>120</td>
<td>585</td>
</tr>
<tr>
<td>5</td>
<td>ABAWD</td>
<td>Metro</td>
<td>43</td>
<td>266</td>
<td>70</td>
<td>0.26</td>
<td>0.61</td>
<td>109</td>
<td>673</td>
</tr>
<tr>
<td>6</td>
<td>Nonadjacent</td>
<td>66</td>
<td>267</td>
<td>86</td>
<td>0.32</td>
<td>0.77</td>
<td>91</td>
<td>367</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Other</td>
<td>Adjacent</td>
<td>14</td>
<td>50</td>
<td>22</td>
<td>0.44</td>
<td>0.64</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>Metro</td>
<td>17</td>
<td>46</td>
<td>23</td>
<td>0.50</td>
<td>0.74</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Nonadjacent</td>
<td>16</td>
<td>54</td>
<td>19</td>
<td>0.35</td>
<td>0.84</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Not FS Leaver</td>
<td>Family</td>
<td>Adjacent</td>
<td>9</td>
<td>17</td>
<td>11</td>
<td>0.65</td>
<td>0.82</td>
<td>0</td>
</tr>
<tr>
<td>11</td>
<td>Metro</td>
<td>10</td>
<td>18</td>
<td>10</td>
<td>0.56</td>
<td>1.00</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Nonadjacent</td>
<td>10</td>
<td>17</td>
<td>11</td>
<td>0.65</td>
<td>0.91</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Likely</td>
<td>Adjacent</td>
<td>15</td>
<td>69</td>
<td>20</td>
<td>0.29</td>
<td>0.75</td>
<td>26</td>
<td>120</td>
</tr>
<tr>
<td>14</td>
<td>ABAWD</td>
<td>Metro</td>
<td>18</td>
<td>68</td>
<td>29</td>
<td>0.43</td>
<td>0.62</td>
<td>21</td>
<td>79</td>
</tr>
<tr>
<td>15</td>
<td>Nonadjacent</td>
<td>16</td>
<td>69</td>
<td>21</td>
<td>0.30</td>
<td>0.76</td>
<td>32</td>
<td>138</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Other</td>
<td>Adjacent</td>
<td>5</td>
<td>14</td>
<td>6</td>
<td>0.43</td>
<td>0.83</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>17</td>
<td>Metro</td>
<td>8</td>
<td>16</td>
<td>8</td>
<td>0.50</td>
<td>1.00</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Nonadjacent</td>
<td>8</td>
<td>17</td>
<td>11</td>
<td>0.65</td>
<td>0.73</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>369</td>
<td>1410</td>
<td>496</td>
<td>0.35</td>
<td>412</td>
<td>1997</td>
<td></td>
</tr>
</tbody>
</table>

17
Table 9. Final call outcomes for entire sample.

<table>
<thead>
<tr>
<th>Final Case Disposition</th>
<th>Number of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed interviews</td>
<td>735</td>
</tr>
<tr>
<td>Non-interviews: likely eligible&lt;sup&gt;a&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Refused</td>
<td>91</td>
</tr>
<tr>
<td>Language barrier, no proxy</td>
<td>7</td>
</tr>
<tr>
<td>Not available during study period</td>
<td>6</td>
</tr>
<tr>
<td>Incompetent, no proxy</td>
<td>2</td>
</tr>
<tr>
<td>Subtotal (assumed eligible)</td>
<td>106</td>
</tr>
<tr>
<td>Non-interviews: known ineligible&lt;sup&gt;b&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Moved out of state</td>
<td>135</td>
</tr>
<tr>
<td>Institutionalized&lt;sup&gt;c&lt;/sup&gt;</td>
<td>43</td>
</tr>
<tr>
<td>Deceased</td>
<td>16</td>
</tr>
<tr>
<td>Did not receive Food Stamps</td>
<td>5</td>
</tr>
<tr>
<td>Subtotal ineligible</td>
<td>199</td>
</tr>
<tr>
<td>Non-interviews: unknown eligibility</td>
<td></td>
</tr>
<tr>
<td>No phone&lt;sup&gt;d&lt;/sup&gt;</td>
<td>133</td>
</tr>
<tr>
<td>Maximum call attempts&lt;sup&gt;e&lt;/sup&gt;</td>
<td>102</td>
</tr>
<tr>
<td>Unlocated cases</td>
<td>1251</td>
</tr>
<tr>
<td>Subtotal (unknown eligibility)</td>
<td>1486</td>
</tr>
<tr>
<td>Total Cases</td>
<td>2526</td>
</tr>
</tbody>
</table>

<sup>a</sup> Respondent was deemed to be living in Iowa in a non-institutionalized setting, but 1997 FSP receipt was generally not verified.

<sup>b</sup> Respondent did not meet at least one of the three eligibility criteria: (1) living in Iowa during study period, (2) living in a non-institutionalized setting, and (3) not a FSP recipient during 1997.

<sup>c</sup> Living in jail, nursing home, or half-way house.

<sup>d</sup> The lack of a phone for the respondent was verified with a secondary contact. A message was left with the secondary contact.

<sup>e</sup> A respondent was reached at some point during the call process for 28 of the 79 maximum call attempt cases.
Table 10. Final call outcomes by sampling stratum for entire sample.

<table>
<thead>
<tr>
<th>FS Leaver</th>
<th>Household Composition</th>
<th>Population Density</th>
<th>Interviews Completes</th>
<th>Refused &amp; Likely Eligible</th>
<th>Non-Interviews</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS Leaver</td>
<td>Family</td>
<td>Adjacent</td>
<td>37</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>37</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>28</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>Likely ABAWD</td>
<td>Adjacent</td>
<td>117</td>
<td>25</td>
<td>47</td>
<td>348</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>115</td>
<td>21</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>131</td>
<td>15</td>
<td>36</td>
</tr>
<tr>
<td>Other</td>
<td>Adjacent</td>
<td>25</td>
<td>5</td>
<td>10</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>Metro</td>
<td>26</td>
<td>4</td>
<td>8</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>Nonadjacent</td>
<td>32</td>
<td>1</td>
<td>9</td>
<td>32</td>
</tr>
<tr>
<td>Not FS Leaver</td>
<td>Family</td>
<td>Adjacent</td>
<td>15</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>16</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>13</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Likely ABAWD</td>
<td>Adjacent</td>
<td>34</td>
<td>5</td>
<td>8</td>
<td>79</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>33</td>
<td>4</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>43</td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td>Other</td>
<td>Adjacent</td>
<td>9</td>
<td>2</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Metro</td>
<td>13</td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Nonadjacent</td>
<td>11</td>
<td>4</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td></td>
<td>735</td>
<td>106</td>
<td>199</td>
</tr>
</tbody>
</table>
Table 11. Initial weights using frame totals adjusted by eligibility rates.

<table>
<thead>
<tr>
<th>FS Leaver</th>
<th>Household Composition</th>
<th>Population Density</th>
<th>Frame Total</th>
<th>Eligibility Rate</th>
<th>Adjusted Frame Total</th>
<th>Completed Interviews</th>
<th>Initial Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS Leaver</td>
<td>Family</td>
<td>Adjacent</td>
<td>5,505</td>
<td>0.95</td>
<td>5,236</td>
<td>37</td>
<td>141.51</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>12,419</td>
<td>0.86</td>
<td>10,645</td>
<td>37</td>
<td>287.70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>7,702</td>
<td>0.86</td>
<td>6,632</td>
<td>28</td>
<td>236.86</td>
</tr>
<tr>
<td>Likely ABAWD</td>
<td>Adjacent</td>
<td>1,093</td>
<td>0.75</td>
<td>821</td>
<td>117</td>
<td>7.02</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>4,222</td>
<td>0.77</td>
<td>3,262</td>
<td>115</td>
<td>28.37</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>1,788</td>
<td>0.80</td>
<td>1,434</td>
<td>131</td>
<td>10.95</td>
</tr>
<tr>
<td>Other</td>
<td>Adjacent</td>
<td>2,878</td>
<td>0.75</td>
<td>2,159</td>
<td>25</td>
<td>86.36</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>7,974</td>
<td>0.79</td>
<td>6,295</td>
<td>26</td>
<td>242.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>4,788</td>
<td>0.79</td>
<td>3,762</td>
<td>32</td>
<td>117.56</td>
</tr>
<tr>
<td>Not FS Leaver</td>
<td>Family</td>
<td>Adjacent</td>
<td>6,314</td>
<td>0.94</td>
<td>5,963</td>
<td>15</td>
<td>397.53</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>16,229</td>
<td>1.00</td>
<td>16,229</td>
<td>16</td>
<td>1014.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>9,559</td>
<td>0.94</td>
<td>8,962</td>
<td>13</td>
<td>689.38</td>
</tr>
<tr>
<td>Likely ABAWD</td>
<td>Adjacent</td>
<td>318</td>
<td>0.83</td>
<td>264</td>
<td>34</td>
<td>7.76</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>852</td>
<td>0.77</td>
<td>657</td>
<td>33</td>
<td>19.91</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>535</td>
<td>0.87</td>
<td>466</td>
<td>43</td>
<td>10.84</td>
</tr>
<tr>
<td>Other</td>
<td>Adjacent</td>
<td>4,656</td>
<td>0.85</td>
<td>3,940</td>
<td>9</td>
<td>437.78</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro</td>
<td>9,603</td>
<td>0.83</td>
<td>8,003</td>
<td>13</td>
<td>615.62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonadjacent</td>
<td>7,761</td>
<td>0.88</td>
<td>6,848</td>
<td>11</td>
<td>622.55</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>104,196</td>
<td></td>
<td>91,578</td>
<td>735</td>
<td></td>
</tr>
</tbody>
</table>
Appendix 1

Questionnaire Draft Used to Program BLAISE Survey Instrument
CASE ID: ___ ___

A STUDY OF THE ECONOMIC WELL-BEING
OF IOWA HOUSEHOLDS

Hello, this is (INTERVIEWER NAME) calling for Iowa State University. May I please speak to (NAME)?

[IF NOT AVAILABLE, GET CALL-BACK INFORMATION & END CALL]

Recently we sent you a letter about a research study we are conducting with Iowans who have participated in the Food Stamp Program. Did you receive this letter?

[IF NO, READ LETTER AND EXPLAIN PROJECT]

As the letter stated, we are interested in how changes in federal and state policies have affected Food Stamp recipients and their families. We would like to interview you over the telephone for about 30 minutes, and when the interview is complete we will send you a $25 gift certificate to any Hy-Vee or Drugtown store to thank you for your time. Is now a good time for you?

[IF NO, GET CALL-BACK INFORMATION & END CALL]

Before we begin, I want to assure you that all of the information you provide will be kept strictly confidential, and you may refuse to answer any question that seems too personal.

SECTION A: HOUSEHOLD CHARACTERISTICS AND STATUS

A1. First, I’d like to verify some information about your household. Our records indicate that you received food stamp benefits for all or part of 1997. Is that correct?

1 = Yes  →  CONTINUE
2 = No
9 = DK

Have you ever received food stamps?

1 = Yes
2 = No  →  TERMINATE
9 = DK, Unsure  →  CONTINUE

Next, we’d like some information about your household.

A2. Including yourself, how many people currently live in this household?

___ ___ #HH Members  [IF ONLY ONE, GO TO Q A3d]
A3. We need to know a little about each person in the household. Please give me the first names (or initials) of all the people who currently are living in your household, starting with you.

[LIST FIRST NAMES OF EACH HOUSEHOLD MEMBER, THEN ASK Q3 FOR EACH PERSON, AS APPROPRIATE.]

<table>
<thead>
<tr>
<th>Name #1</th>
<th>Name #2</th>
<th>Name #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(What is the first name of each household member, beginning with you?)</td>
<td>____</td>
<td>____</td>
</tr>
</tbody>
</table>

**[ASK RESPONDENT ABOUT ALL OTHER HH MEMBERS]**

b. What is (NAME’S) relationship to you?

01 = Spouse  
02 = Unmarried partner/boyfriend/ girlfriend  
03 = Biological or adopted child  
04 = Stepchild  
05 = Grandchild  
06 = Other custodial child/foster child  
07 = Other (specify) ___________________  

| () | () | () |

c. **[IF CHILD IS STEP, GRANDCHILD, OR OTHER CUSTODIAL (04, 05, 06) ASK:]**

Are you financially responsible or providing for this child?

1 = Yes  
2 = No

| () | () | () |

d. (Are you / Is NAME) male or female?

1 = Male  
2 = Female

| () | () | () |

e. What was (your/NAME’S) age on (your/his/her) last birthday?

| ____ | ____ | ____ |

f. What is your birth date?

[RECONCILE IF A3e AND A3f ARE INCONSISTANT]

| ____ | ____ | ____ |

| ____ | ____ | ____ |

| ____ | ____ | ____ |

<p>| ____ | ____ | ____ |</p>
<table>
<thead>
<tr>
<th></th>
<th>Name #1</th>
<th>Name #2</th>
<th>Name #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>g.</td>
<td>[ASK ONLY FOR 18 &amp; OLDER]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>What is the highest level of school (you have/NAME has) completed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 = Less than high school</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 = High school / GED</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 = Some vocational/business school (incl. certificate)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 = Some college</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 = College graduate or beyond</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 = NA, not 18 or older</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h.</td>
<td>[IF AGES 3-6, ASK h, i &amp; j. ALL OTHERS GO TO NEXT HH MEMBER OR Q4a.]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Has [NAME] been in pre-school at all in 1999?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 = Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 = No → GO TO Qj</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 = NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>i.</td>
<td>Was this a Head Start program?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 = Yes } GO TO NEXT PERSON OR A4a</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 = No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 = NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j.</td>
<td>Has [NAME] been in school at all in 1999?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 = Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 = No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 = NA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A4a. We also are interested in your household in 1997, a year when some of Iowa’s welfare laws changed. You may or may not have been living with the same people then that you are now. Think back. Did you have any dependents living with you during any part of 1997?

1 = Yes → GO TO Q A5
2 = No
9 = DK, Unsure

IF RESPONDENT IS FEMALE >55 YRS OR MALE, GO TO Q A5.
ASK Q4b ONLY FOR WOMEN 55 AND YOUNGER.

A4b. Were you pregnant in 1997?

1 = Yes
2 = No
9 = DK, Unsure

Now, I need a little additional information about you.

[GO TO Q A6 IF R MARRIED]

A5. What is your current marital status? Are you . . .

1 = Married
2 = Living as married,
3 = Separated,
4 = Divorced,
5 = Widowed, or
6 = Single, never married?

A6. What is your race? Do you consider yourself . . .

1 = White,
2 = African American,
3 = American Indian, Aleut, or Eskimo,
4 = Asian or Pacific Islander, or
5 = Something else? (Specify _____________________________)

A7. Are you Hispanic?

1 = Yes
2 = No

A8. Are you a U.S. citizen?

1 = Yes
2 = No
SECTION B: EMPLOYMENT

The next questions are about jobs you may have had for pay. This includes full-time or part-time jobs, odd jobs or temporary jobs, paid babysitting or housekeeping jobs, work at your own business, or any other types of jobs you may have had.

B1. Were you working at a job for pay last month, that is, in [LAST MONTH]?
   
   1 = Yes
   2 = No  →  GO TO Q B19

B2. How many different jobs for pay did you have in [LAST MONTH]?

   ___ ___ # of jobs

B3a. (IF MORE THAN ONE JOB: We are interested in the job that you worked most hours last month.)

What kind of work were you doing at this job, that is, what was your occupation?

_________________________________________________________________________

_________________________________________________________________________

PROBE: What were your main activities or duties at this job?

b. At this job were you . . .

   1 = employed by the government,
   2 = by a private company,
   3 = a non-profit organization,
   4 = self employed, or
   5 = working in a family business or farm?

c. How many miles (is/was) it from your home to work?

   ___ ___ miles
B3d. How (do/did) you usually get to work? Do you . . .

1 = drive,  → GO TO B3i
2 = ride with a friend or relative,
3 = ride in a car pool,
4 = take public transportation,
5 = walk,
6 = or do something else? (Specify) ________________

GO TO B3e

GO TO B3i

e. Do you pay for this?

1 = Yes
2 = No  → GO TO B3i

f. How much do you pay? $ ____ . ____

ENTER ZERO IF DO NOT PAY MONEY

g. RECORD PAYMENT:

1 = per day
2 = per week
3 = per month
4 = some other way  (h. Specify: ____________________________)

i. Which days (do/did) you usually work at your job? Would you say . . .

1 = Monday through Friday
2 = Another regular daily schedule, or
3 = No usual schedule?

j. What type of shift did you usually work at this job? Did you work . . .

1 = Days,
2 = Evenings,
3 = Nights,
4 = A rotating shift,  (one that changes regularly from days to evenings to nights),
5 = A split shift,   (consisting of two distinct periods each day),
6 = Or something else?
B4. What month and year did you start working at this job (for this employer)?

____ /____
MO YR

PROBE: Your best estimate is fine.

B5. Have you ever been promoted or given more responsibilities at this job?

1 = Yes
2 = No

THIS DOES NOT INCLUDE STANDARD COST-OF-LIVING PAY RAISES.

B6. Are you still working at this job?

1 = Yes → GO TO Q B8
2 = No

B7. Why did you stop working there? Did you quit, were you laid off, or were you fired?

1 = Quit
2 = Laid off
3 = Fired
4 = Another reason (B7a. Specify:______________________________)

B8. How many hours a week did you work at this job in (LAST MONTH)?

____ ____ Hours per week

PROBE: Your best estimate is fine.

B9. What was your hourly rate of pay (before taxes and deductions) at this job last month?

$____ . ____ per hour

REPEAT R’s ANSWER TO VERIFY. WATCH DECIMAL POINT.

[DOES NOT KNOW OR NOT PAID BY HOUR → GO TO Q B11]
[REFUSED → GO TO Q B12]

B10. a. Did you get any tips, bonuses, or commissions last month?

1 = Yes → b. How much did you make last month on tips, bonuses, or commissions?
2 = No
9 = DK / Refused

$____ . ____

GO TO Q B12
B11. a. How much did you earn from this job in [LAST MONTH]? This would be before taxes and other deductions. Please include tips, bonuses, commissions, and overtime pay you may have received

$ _, _, _, _ → GO TO Q B12

DK → GO TO Q B11b
REFUSED → GO TO Q B12

REPEAT R’s ANSWER TO VERIFY.

PROBE: Your best estimate is fine.

b. Would you say you earned...

1 = less than $250,
2 = $250 up to $500,
3 = $500 up to $750,
4 = $750 up to $1,000
5 = $1,000 up to $1,500,
6 = $1,500 up to $2,000
7 = $2,000 or more?
9 = DK / Refused

B12. During [LAST MONTH], was health insurance or an HMO plan made available to you with this job? (This includes benefits that are offered at a cost to you.)

1 = Yes
2 = No

IF MORE THAN ONE JOB, GO TO Q B16
IF ONLY ONE JOB, GO TO Q B20

B13. Were you enrolled in one of these health insurance plans?

1 = Yes
2 = No

IF ONLY ONE JOB, GO TO Q B20
IF MORE THAN ONE JOB, GO TO Q B16

B14. Why didn’t you enroll in health insurance on that job? Is it because...

01 = you were covered by Medicaid,
02 = you were covered by another insurance plan,
03 = the cost was too high, or
04 = because of some other reason? (a. Specify: ______________________)
99 = DK / Refused
B15. (Did/Does) your job provide any of the following benefits? (Did/Does) it provide you with . . .

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) paid sick days?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b) paid vacation days?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>c) assistance with paying for child care?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>d) a pension plan or retirement benefits?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>e) any other benefits? (If YES, specify: )</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

**IF ONLY ONE JOB → GO TO Q B20**

B16. During [LAST MONTH] how many hours per week did you usually work at all of your jobs?

_____ _____ # hrs worked

B17. In [LAST MONTH], what were your total earnings from all of your jobs, before taxes and deductions? Please include tips, bonuses, commissions, and overtime pay you received.

$ __, __, __ → GO TO Q B20
DONT KNOW → GO TO Q B18
REFUSED → GO TO Q B20

REPEAT R’s ANSWER TO VERIFY.

PROBE: Your best estimate is fine.

B18. Would you say your total earnings were . . .

1 = less than $250,
2 = $250 up to $500,
3 = $500 up to $750,
4 = $750 up to $1,000
5 = $1,000 up to $1,500,
6 = $1,500 up to $2,000
7 = $2,000 or more?
9 = DK / Refused

GO TO Q B20
B19. What was the main reason you were not working for pay in [LAST MONTH]?


B20. Did you spend any time looking for a job last month?

1 = Yes

2 = No  \rightarrow  IF Q B6 = 1 (EMPLOYED LAST MONTH & STILL WORKING THERE), GO TO SECTION C. IF Q B6 = 2 or BLANK, GO TO Q B23

B21. During [LAST MONTH] did you do any of the following to find a job?

<table>
<thead>
<tr>
<th>Did you . . .</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. contact a public or private employment agency, a school or employment center?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b. contact potential employers directly or send out a resume or fill out an application?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>c. contact friends or relatives (for example, asked a friend for a job lead)?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>d. check the newspaper, answer a job ad, or use any other active method to find a job (e.g., auditioning for a play)?</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

B22. During [LAST MONTH] how many hours per week did you usually spend looking for a job? Would you say . . .

1 = up to 5 hours,

2 = 5 hours up to 10 hours, or

3 = 10 hours or more?

IF Q B6 = 1 (EMPLOYED LAST MONTH & STILL WORKING THERE), GO TO SEC. C.

B23. Are you currently employed?

1 = Yes

2 = No  \rightarrow  GO TO SECTION C

B24 a. What kind of work are you doing, that is, what is your occupation?

__________________________

PROBE: What are your main activities or duties at this job?
b. At this job are you...

1 = employed by the government,
2 = by a private company,
3 = a non-profit organization,
4 = self-employed, or
5 = working in a family business or farm?

c. How many miles is it from your home to work?

____ ____ miles

PROBE FOR ACTUAL MILES TO WORK.

d. How do you usually get to work? Do you...

1 = drive, → GO TO B24i
2 = ride with a friend or relative,
3 = ride in a car pool,
4 = take public transportation,
5 = walk,
6 = or do something else? (Specify) __________

GO TO B24e

GO TO B24i

e. Do you pay for this?

1 = Yes
2 = No → GO TO Q 24i

f. How much do you pay? $____.____

ENTER ZERO IF DO NOT PAY MONEY

g. RECORD PAYMENT:

1 = per day
2 = per week
3 = per month
4 = some other way (h. Specify: ________________________)

h. Which days do you usually work at your (main) job? (By main job, I mean the one which you work most hours.) Would you say...

1 = Monday through Friday,
2 = another regular daily schedule,
3 = or no usual schedule?
B24 j. What type of shift did you usually work at this job last month? Did you work . . .

1 = Days,
2 = Evenings,
3 = Nights,
4 = A rotating shift, (one that changes regularly from days to evenings to nights),
5 = A split shift, (consisting of two distinct periods each day),
6 = Or something else?
SECTION C: EARNINGS AND OTHER INCOME

C1. a. Was there anyone living with you last month who received money from jobs in [LAST MONTH]? (Please include full-time and part-time jobs as well as any odd jobs, paid babysitting or housekeeping, work done off the books or on the side, or income from other work activities. Please be sure to include your spouse or partner and any other person living with you.)

1 = Yes
2 = No → GO TO Q C4

b. How many other household members received money from jobs last month, that is in [LAST MONTH], not including yourself?

___ ___ # OTHER HH MEMBERS
99 = DK / REFUSED

IF NONE, GO TO Q C4

C2. What was the total amount of money received by (this/these) household member(s) in [LAST MONTH] from all of their jobs before taxes and other deductions.

$ ___ , ___ ___ → GO TO Q C4
DK → GO TO Q C3
REFUSED → GO TO Q C4

REPEAT R’s ANSWER TO VERIFY.
PROBE: Your best estimate is fine.

C3. Would you say it was . . .

1 = less than $250,
2 = $250 up to $500,
3 = $500 up to $750,
4 = $750 up to $1,000
5 = $1,000 up to $1,500,
6 = $1,500 up to $2,000
7 = $2,000 or more?
9 = DK / Refused
C4. Now I'd like you to think about other income your household may have received that we have not already talked about.

In [LAST MONTH] did (you/or anyone in this household) receive income or assistance from . . .

<table>
<thead>
<tr>
<th>Source</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. unemployment compensation?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b. workers compensation?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>c. social security?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>d. supplemental security income (SSI)?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>e. veteran's payments?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>f. survivor's benefits?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>g. disability income?</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

IF NO TO ALL, GO TO Q C7

C5. What was the total amount of this other income for (you/all members of the household) in [LAST MONTH]?

$ ___, ___, ___ → GO TO Q C7

REPEAT R's ANSWER TO VERIFY.

PROBE: Your best estimate is fine.

IF DK, ASK Q C6:

C6. Would you say it was . . .

1 = less than $250,
2 = $250 up to $500,
3 = $500 up to $750,
4 = $750 up to $1,000
5 = $1,000 up to $1,500,
6 = $1,500 up to $2,000
7 = $2,000 or more?
9 = DK / Refused

IF NO CHILDREN UNDER 18 IN HH, GO TO SECTION D
C7. a. Is there a court order for child support in effect for any children in your household?  
   (any children that you are responsible for)
   
   1 = Yes
   2 = No  →  GO TO Q C7d

b. Last month, did you receive any formal child support payments?  (either from the state or directly from the (child's / children's) other parent? By formal we mean child support payments that are court ordered or agreed on in writing.)
   
   1 = Yes
   2 = No  →  GO TO Q C7d

c. How much did you receive in child support payments last month?
   $__ , ___ ___  
   RECORD:  
   1 = Weekly
   2 = Every 2 weeks
   3 = Twice a month
   4 = Once a month

d. Have you ever asked a public agency for help in obtaining child support?  
   (such as the child support enforcement office or welfare agency)
   
   1 = Yes
   2 = No  →  GO TO SECTION D

e. What type of help did you ask for?  CIRCLE ALL THAT APPLY
   
   1 = Locate other parent
   2 = Establish support obligation
   3 = Enforce support order
   4 = Establish paternity
   5 = Establish medical support
   6 = Modify an order
   7 = Other  (Specify: __________________________________________)
SECTION D: FOOD STAMPS / FIP / WIC

D1. a. Since Jan. 1, 1999, (have you/has anyone in this household) received food stamp benefits? (This includes food stamp coupons or EBT; electronic benefit transfer.)

1 = Yes  →  GO TO Q D2a
2 = No

b. You indicated earlier that you have received food stamps in the past. Why did you stop receiving food stamps?

________________________________________________________________________

IF Q D1a = No, ASK D1b & THEN GO TO Q D3.

D2. a. Which months did your household receive food stamps?

  01 = Jan
  02 = Feb
  03 = March
  04 = April
  05 = May
  06 = June
  07 = July
  08 = August

IF RECEIVED ALL OF 1999, GO TO Q D3

IF FOOD STAMPS STOPPED FOR ONE MONTH OR MORE ASK Q D2b

b. Why did your household stop receiving food stamps in (MONTH, 1999)?

________________________________________________________________________

D3. (Have you / Has anyone in this household) received FIP (Family Investment Program) benefits since Jan. 1, 1999?

1 = Yes
2 = No  →  GO TO Q D5
D4. a. Which months did your household receive FIP (Family Investment Program)?

01 = Jan  
02 = Feb  
03 = March  
04 = April  
05 = May  
06 = June  
07 = July  
08 = August

IF FIP RECEIVED LAST MONTH, ASK:

b. How much money did you receive from FIP in [LAST MONTH]?

$ __, __ __ → GO TO Q D5

IF DK, ASK:

c. Would you say it was . . .

1 = less than $100,  
2 = $100 up to $200,  
3 = $200 up to $300,  
4 = $300 up to $400  
5 = $400 up to $500,  
6 = or $500 or more?  
9 = DK / Refused

[IF HOUSEHOLD DID NOT RECEIVE FIP DURING AT LEAST ONE MONTH ASK:]

d. Why did (you/your household) stop receiving public assistance from FIP in [MONTH]?

________________________________________________________________________

________________________________________________________________________
D5.  a. (Have you/Has anyone in your household) received WIC benefits since January 1, 1999?
   1 = Yes
   2 = No  →  GO TO SECTION E

b. Which months?
   01 = Jan
   02 = Feb
   03 = March
   04 = April
   05 = May
   06 = June
   07 = July
   08 = August
SECTION E: ELIGIBILITY AND ASSETS

These next few questions are about your living arrangements and transportation.

E1. What is your current housing arrangement? Do you rent, own your home, live with a friend or relative, or live somewhere else?
   01 = rent \rightarrow GO TO Q E2
   02 = own
   03 = live with friend or relative
   04 = other (Specify): ____________________________
   99 = DK, Refused

\{ GO TO Q E3

E2. Do you **currently** receive a rent subsidy or pay lower rent because the government pays part of the cost?
   1 = Yes
   2 = No
   9 = DK, Refused

E3. Do you own a car, van, or truck? (Do not include leased vehicles, recreational vehicles, or motorcycles.)
   1 = Yes \rightarrow GO TO SECTION F
   2 = No

E4. When you need to go somewhere other than to work, how do you **usually** get around? Do you...
   1 = walk,
   2 = ride a bicycle,
   3 = ride with a relative, neighbor, or friend,
   4 = borrow a vehicle,
   5 = take a bus,
   6 = or do something else? (Specify): ____________________________
SECTION F: EDUCATION AND TRAINING

The next few questions are about education and training.

F1. a. Since January 1, 1999, have you been enrolled in school?

   1 = Yes
   2 = No  →  GO TO Q F2a

   **PROBE:** Include any regular school, such as high school or college, or any vocational, technical, or business school beyond high school.

   b. Was it full time or part-time?

      1 = full time
      2 = part-time

   c. Was it . . .

      1 = high school,
      2 = college,
      3 = vocational, technical, business school, or
      4 = something else (Specify): ________________________

   **IF D1a = YES & F1b = PART-TIME, ASK F1d BELOW. IF NOT, GO TO F2a.**

   d. Did this part-time school enrollment count toward your work requirements for Food Stamps?

      1 = Yes
      2 = No
      3 = Exempt from work requirements

   F2. a. Since January 1, 1999 have you received any training to help you look for or train for a new job?

      1 = Yes
      2 = No  →  GO TO SECTION G

   b. Were you **required** to enroll in this training in order to receive public assistance or other benefits?

      1 = Yes
      2 = No
F2. c. Was this training designed to teach you how to look for a job, or was it designed to teach you specific job skills needed for a new job or career?

1 = How to look for a job → ASK F3a
2 = Specific skills → ASK F3b
3 = Both → ASK F3a AND F3b

**PROBE**: Look for a job: resume preparation, job search techniques, interviewing skills. Specific skills: auto mechanics, typing, computer software, etc.

F3. a. Did you use this training to find or get a job?

1 = Yes
2 = No

b. Have you used this training on a job you have had, or have you been looking for work that will use this training?

1 = Yes
2 = No
SECTION G: HEALTH AND INSURANCE COVERAGE

G1. Since January 1, 1999, would you say your overall health has been . . .
   
   1 = excellent,
   2 = very good,
   3 = good,
   4 = fair, or
   5 = poor?

[IF B6 = YES OR B23 = YES OR RESPONDENT'S AGE >= 65, GO TO G3]

G2. Do you currently have a physical or mental condition that prevents you from working?
   
   1 = Yes  →  GO TO Q G4
   2 = No

G3. Have you ever had a physical or mental condition that prevented you from working?
   
   1 = Yes
   2 = No  →  GO TO Q G6

[IF YES TO Q G3, ASK QG4 AND THEN SKIP Q G5 (GO TO Q G6)]

G4. Did you have that condition in 1997?
   
   1 = Yes
   2 = No
   9 = DK

G5. Is it likely that you will be able to work at some time in the next 12 months?
   
   1 = Yes
   2 = No
G6. Have you been covered at any time in 1999 by any of the following types of insurance?
Have you been covered by . . .

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Medicare, (the government medical plan for persons 65 and over or for persons with disabilities)?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b. Medicaid, also called Title19 or Medipas (the government medical plan for persons with low incomes)?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>c. any other government provided health insurance (Champus, Tricare, ChampVA, Military Health, Indian Health Service)?</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

G7. Have you been covered at any time in 1999 by a plan provided by another person in this household through that person’s current or past employer or union?

1 = Yes  →  GO TO Q G9
2 = No

[IF Q B13 ON PAGE 8 IS YES, RECORD YES IN Q G8 BELOW AND SKIP TO Q G9]

G8. In 1999, have you been covered by any other private insurance plan?

1 = Yes
2 = No

[IF QA2 = 1, GO TO SECTION H]

G9. Now we want to know about others in the household. Has everyone in the household been covered at any time in 1999 by some type of health insurance?

1 = Yes  →  GO TO SECTION H
2 = No

G10. Why were you or others in the household not covered by health insurance?
SECTION H: FOOD SECURITY/ECONOMIC HARDSHIP/COMMUNITY RESOURCES

These next questions are about the food eaten in your household in the last 12 months, since (MONTH) of last year, and whether you were able to afford the food you need.

H1. Which one of these statements best describes the food eaten in your household in the last 12 months?

READ THE FOLLOWING STATEMENTS:

1 = Enough of the kinds of food we want to eat → GO TO Q H3
2 = Enough, but not always the kinds of food we want → GO TO Q H2a
3 = Sometimes not enough to eat, or → GO TO Q H2b
4 = Often not enough to eat. → GO TO Q H2b

H2. a. Here are some reasons why people don’t always have the quality or variety of food they want. For each one, please tell me if that is a reason why you don’t always have the kinds of food you want to eat.

Yes No

a. Not enough money for food 1 2
b. Too hard to get to the store 1 2
c. On a diet 1 2
d. Kinds of food we want not available 1 2
e. Good quality food not available 1 2

GO TO Q H3

b. Here are some reasons why people don’t always have enough to eat. For each one, please tell me if that is a reason why you don’t always have enough to eat.

Yes No

a. Not enough money for food 1 2
b. Too hard to get to the store 1 2
c. On a diet 1 2
d. No working stove available 1 2
e. Not able to cook or eat because of health problems 1 2
Now I’m going to read you several statements that people have made about their food situation. For these statements, please tell me whether the statement was often true, sometimes true, or never true for (you/your household) in the last 12 months.

H3. The first statement is: (I/We) worried whether (my/our) food would run out before (I/we) got money to buy more.

Was that often, sometimes, or never true for (you/your household) in the last 12 months?
   1 = Often true
   2 = Sometimes true
   3 = Never true

H4. The food that (I/we) bought just didn’t last, and (I/we) didn’t have money to get more. Was that often, sometimes, or never true for (you/your household) in the last 12 months?

   1 = Often true
   2 = Sometimes true
   3 = Never true

H5. (I/We) couldn’t afford to eat balanced meals.

Was that often, sometimes, or never true for (you/your household) in the last 12 months?

   1 = Often true
   2 = Sometimes true
   3 = Never true

IF NO CHILDREN <18 IN HH, & Q H1 = ENOUGH TO EAT (1 or 2) & QH3-5 = NEVER TRUE, THEN GO TO Q H21.
IF CHILDREN UNDER 18 IN HOUSEHOLD GO TO Q H6.
OTHERS GO TO Q H9

H6. (I/We) relied on only a few kinds of low-cost food to feed (NAME OF CHILD/the children) because (I was/we were) running out of money to buy food. Was that often, sometimes, or never true for your household in the last 12 months?

   1 = Often true
   2 = Sometimes true
   3 = Never true
H7. (I/We) couldn’t feed (NAME/the children) a balanced meal, because (I/we) couldn’t afford that. Was that often, sometimes, or never true for your household in the last 12 months?

1 = Often true
2 = Sometimes true
3 = Never true

IF Q H1 = ENOUGH TO EAT (1 or 2), AND Q H3-7 = NEVER TRUE, THEN GO TO Q H21

H8. (NAME was/The children were) not eating enough because (I/we) just couldn’t afford enough food. Was that often, sometimes, or never true for your household in the last 12 months?

1 = Often true
2 = Sometimes true
3 = Never true

H9. In the last 12 months, since (MONTH), 1998, did (you/you or the other adults in your household) ever cut the size of your meals or skip meals because there wasn’t enough money for food?

1 = Yes
2 = No → GO TO Q H11

H10. How often did this happen? Was it . . .

1 = almost every month,
2 = some months but not every month, or
3 = only 1 or 2 months?

H11. In the last 12 months, did you ever eat less than you felt you should because there wasn’t enough money to buy food?

1 = Yes
2 = No

H12. In the last 12 months, were you ever hungry but didn’t eat because you couldn’t afford enough food?

1 = Yes
2 = No
H13. In the last 12 months, did you lose weight because you didn’t have enough money for food?
   1 = Yes
   2 = No

   IF Q H8-13 = NO, GO TO Q H21

H14. In the last 12 months, did (you/you or the other adults in the household) ever not eat for a whole day because there wasn’t enough money for food?
   1 = Yes
   2 = No → GO TO Q H16

H15. How often did this happen? Was it . . .
   1 = almost every month,
   2 = some months but not every month, or
   3 = only 1 or 2 months?

   IF CHILDREN UNDER 18 IN HH, ASK Q H16, OTHERWISE GO TO Q H21

The next questions are about children living in the household who are under 18 years old.

H16. In the last 12 months, since (MONTH), 1998, did you ever cut the size of (NAME’s/any of the children’s) meals because there wasn’t enough money for food?
   1 = Yes
   2 = No

H17. In the last 12 months, (was NAME/were the children) ever hungry but you just couldn’t afford more food?
   1 = Yes
   2 = No

H18. In the last 12 months, did (NAME/any of the children) ever skip a meal because there wasn’t enough money for food?
   1 = Yes
   2 = No → GO TO Q H20
H19. How often did this happen? Was it . . .
   1 = almost every month,
   2 = some months, but not every month, or
   3 = only 1 or 2 months?

H20. In the last 12 months, did (NAME/any of the children) ever not eat for a whole day because there wasn’t enough money for food?
   1 = Yes
   2 = No

H21 In the past 12 months, did (you/you or anyone else in your household) ever get food or borrow money for food from friends or relatives?
   1 = Yes
   2 = No

H22. a. In the past 12 months, did (you/you or anyone else in your household) ever get emergency food from a church, food pantry, or food bank?
   1 = Yes
   2 = No → TO Q H22c

   b. How often did this happen? Was it . . .
      1 = almost every month,
      2 = some months, but not every month, or
      3 = only 1 or 2 months? {GO TO Q H23

   c. Does your community have emergency food assistance available?
      1 = Yes
      2 = No

H23. In the past 12 months, did (you/you or anyone else in your household) ever eat meals in a soup kitchen?
   1 = Yes
   2 = No
Economic Hardship

The next questions are about other basic needs in your household in the past 12 months.

H24. In the last 12 months, has there been a time when you could not afford a place to stay or when you could not pay your (rent/mortgage)?
   1 = Yes
   2 = No → GO TO Q H26

H25. In the last 12 months, have you been evicted from your home for not being able to pay your (rent/mortgage)?
   1 = Yes
   2 = No

H26. In the last 12 months, has your electricity or heat been turned off because you could not afford to pay the bill?
   1 = Yes
   2 = No

H27. In the last 12 months, has your phone been disconnected, or have you gone without a phone?
   1 = Yes
   2 = No

H28. In the last 12 months, has there been a time when you or anyone else in your household needed to see a doctor or go to the hospital, but could not afford to go?
   1 = Yes
   2 = No
H29. I am going to name some problems with housing that sometimes cause people difficulty. Do any of these things apply to your current housing situation?

<table>
<thead>
<tr>
<th>Does your home have . . .</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. a leaky roof or ceiling?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b. a toilet, hot-water, or other plumbing that does not work right?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>c. rats, mice, roaches, or other insects?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>d. broken windows?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>e. heating system that does not work properly?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>f. exposed wires or other electrical problems?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>g. a stove or refrigerator that does not work properly?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>h. chipped or peeling paint?</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

H30. These next few questions are about various **community** resources. In the past year, have you or anyone in your household used (RESOURCE) in your community?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Emergency shelter or housing (for example, a homeless shelter)</td>
<td>1</td>
</tr>
<tr>
<td>b. General assistance (sometimes called County Relief)</td>
<td>1</td>
</tr>
<tr>
<td>c. Free clothing resources (for example, a community clothes closet)</td>
<td>1</td>
</tr>
<tr>
<td>d. Public Health services (for example, Maternal and Child Health, Immunization Clinics, Well Child Clinics)</td>
<td>1</td>
</tr>
<tr>
<td>e. Alcohol or substance abuse treatment services (for example, Alcoholic Anonymous, Alanon, Alateen)</td>
<td>1</td>
</tr>
<tr>
<td>f. Mental health care or counseling services (for example, crisis counseling, Lutheran Social Services, Catholic Charities)</td>
<td>1</td>
</tr>
<tr>
<td>g. Domestic violence services (for example, crisis hot line or emergency shelters)</td>
<td>1</td>
</tr>
</tbody>
</table>

**IF NO CHILDREN <15 YEARS IN HOUSEHOLD, GO TO SECTION J.**
SECTION I: CHILDREN

[ASK IF HOUSEHOLD HAS ANY CHILDREN AGE 14 OR YOUNGER WHERE QA3c = 1]

The next questions are about the types of childcare arrangements you may have used last month.

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>DK</th>
</tr>
</thead>
<tbody>
<tr>
<td>11. a. Did you use childcare arrangements for any child at least once a week in [LAST MONTH]?</td>
<td>1</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>11. b. Did you care for your children yourself while attending school, working, attending work training, or while looking for work?</td>
<td>1</td>
<td>2</td>
<td>9</td>
</tr>
</tbody>
</table>

**IF Q 11a = NO, GO TO SECTION J.**

12. During [LAST MONTH] did [ARRANGEMENT]?

<table>
<thead>
<tr>
<th>Type of Arrangement</th>
<th>Yes</th>
<th>No</th>
<th>DK</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. another parent or family member care for the child?</td>
<td>1</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>b. your child attend day-care in a family day-care home, a day-care center, or pre-school?</td>
<td>1</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>c. you use any other type of child care arrangement regularly?</td>
<td>1</td>
<td>2</td>
<td>9</td>
</tr>
</tbody>
</table>

(Specify): __________________________

13. What is the total amount that you paid for childcare arrangements (for all children) during [LAST MONTH]?

$ ___. ___ ___ ___ ___ __

[PROBE FOR TOTAL AMOUNT PAID LAST MONTH]

14. Since January 1, 1999, have you lost any time from work, work training or school because your usual childcare provider was unavailable? (This does not include time when your child(ren) (was/were) sick and could not be cared for by the usual child care provider.)

1 = Yes
2 = No
SECTION J: OPINIONS, CULTURE

These last questions ask for your general opinions.

CURRENT FIP RECIPIENTS ONLY:

J1. Do you expect that you and your family will be receiving FIP cash assistance . . .

   a. one year from now?
      1 = Yes → (GO TO Q J2)
      2 = No

   b. three months from now?
      1 = Yes
      2 = No

CURRENT FOOD STAMP RECIPIENTS ONLY:

J2. Do you expect that you and your household will be receiving Food Stamps . . .

   a. one year from now?
      1 = Yes → (GO TO Q J3)
      2 = No

   b. three months from now?
      1 = Yes
      2 = No

[IF RESPONDENT CURRENTLY RECEIVES EITHER FIP OR FOOD STAMPS, ASK:]

J3. I would like you to think about your current situation and what it would take for you to be able to support yourself (and your family) without any (Food Stamps/FIP). Would you need . . .

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. more education or job training?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>b. affordable childcare?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>c. dependable transportation?</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>d. anything else? (Specify):_________________________</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>
Please tell me if you agree or disagree with the following statements.

J4a. Overall, the Iowa Food Stamp program does a good job of helping people make ends meet. Do you strongly agree, agree, disagree, or strongly disagree?
   1 = Strongly Agree
   2 = Agree
   3 = Neutral
   4 = Disagree
   5 = Strongly disagree

J4b. Overall, the Iowa Food Stamp program does a good job of helping people meet their nutritional needs. Do you strongly agree, agree, disagree, or strongly disagree?
   1 = Strongly Agree
   2 = Agree
   3 = Neutral
   4 = Disagree
   5 = Strongly disagree

That is all the information that we need for this project. To thank you for your time, we want to send you a $25 gift certificate for any HyVee grocery store. I just want to make sure that we send it to the correct address. Our records show:

[ADDRESS]
[CITY, STATE, ZIP CODE]

Is that correct?

IF NO, MAKE ANY NECESSARY CORRECTIONS

We will mail that gift certificate to you within the next week or two. Now, I have just one more request. In case we need to get in touch with you in the future, will you give us the name and address of someone who should always know where you are? This information will be kept confidential and only used if necessary.

CONTACT NAME:
RELATIONSHIP TO RESPONDENT:
ADDRESS:
CITY/STATE/ZIP CODE:
PHONE NUMBER: (___ ___) ___ ___ ___ ___

Iowa State University thanks you very much for your time and your help with this important study.
Appendix 2

Introductory Letter to Sample Case Heads
December 20, 2000

«Respondent_F_Name» «Respondent_L_Name»
«Dhsaddress»
«Address_2»
«City», «State» «DHSZip»

Dear «Gender», «Respondent_L_Name»:

Iowa State University is conducting a research study to learn how Iowa families who have participated in the Food Stamp program are doing. The purpose of the study is to see how recent changes in Iowa programs have affected people and to see if more changes are needed.

If you are willing to complete a 30-minute telephone interview, we will send you a $25 gift certificate for a local grocery store to thank you for your time and effort. This gift certificate will not affect any other benefits that you may be getting. The questions in the interview are not difficult, and your name will never be connected to the answers that you give.

Thank you for your help on this important project. If you have any questions, please feel free to call the Project Manager, Dianne Anderson, collect at (515) 294-9753. She will be happy to talk with you.

Sincerely,

Sarah M Nusser
Professor-in-charge, Survey Section
December 20, 2000

«Respondent_Fname» «Respondent_Lname»
«Address_1»
«Address_2»
«City», IA «Zip»

Dear «Gender» «Respondent_Lname»:

Iowa State University is conducting a research study to learn how Iowa families who have participated in the Food Stamp program are doing. The purpose of the study is to see how recent changes in Iowa programs have affected people and to see if more changes are needed.

If you are willing to complete a 30-minute telephone interview, we will send you a $25 gift certificate for a local grocery store to thank you for your time and effort. This gift certificate will not affect any other benefits that you may be getting. The questions in the interview are not difficult, and your name will never be connected to the answers that you give.

We would like to call you on the telephone to do the interview with you, but we have not been able to find your current phone number. Please fill out the enclosed postcard, telling us your name and a phone number where we can call you, and mail it back to us. Or, if you like, you can call the Project Manager, Dianne Anderson, collect at (515) 294-9753. She will be happy to answer any questions you might have and arrange for us to interview you at that time.

Thank you for your help on this important project.

Sincerely,

Sarah M Nusser
Professor-in-charge, Survey Section