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**Technical Documentation
for the Fiscal Year 1997
FSP QC Database and
QC Minimodel**

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CONTENTS

Chapter		Page
I	INTRODUCTION	1
SECTION 1 OVERVIEW OF THE QC DATABASE		
II	OVERVIEW OF THE QC DATABASE	7
	A. THE QC SYSTEM	7
	B. THE IQCS SAMPLE	8
	C. CREATION OF THE QC DATABASE FROM THE IQCS DATA	10
	1. Preliminary Processing	10
	2. Data Editing	10
	3. Variable Construction	12
	4. Weighting	12
	5. Edits to FSP Units with Aliens	13
	D. FINAL QC DATABASE	13
SECTION 2 CREATION OF THE QC DATABASE		
III	FISCAL YEAR 1997 QC FILE DEVELOPMENT PROCESS	17
IV	OBTAINING FILE CONSISTENCY	23
V	DERIVATION OF SAMPLING WEIGHTS	29

CONTENTS (*continued*)

Page

**SECTION 3
QC-SPECIFIC PORTION OF THE QC MINIMODEL**

VI	CREATE MATH-STYLE VERSION OF QC DATABASE	35
VII	QC-SPECIFIC PORTION OF THE QC MINIMODEL	37

**SECTION 4
CODEBOOK**

VIII	DESCRIPTION OF VARIABLES ON THE QUALITY CONTROL FILE	49
	A. REPORTED VARIABLES	49
	B. CONSTRUCTED VARIABLES	49
	C. MISSING VALUES	50
	D. USING THE DATA FILE	50
IX	CODEBOOK	53

APPENDIX A: AUTOMATED EDITS TO FSP UNITS

APPENDIX B: DERIVATION OF WEIGHTS BY STATE AND MONTH

APPENDIX C: FY 1997 FSP PARAMETERS

APPENDIX D: STATE AND REGION CODES

APPENDIX E: INTEGRATED REVIEW SCHEDULE INPUT FORM

I. INTRODUCTION

The Food Stamp Program (FSP) is a central component of America's anti-poverty program. The major purpose of the FSP is "to permit low-income households to obtain a more nutritious diet . . . by increasing their purchasing power" (The Food Stamp Act of 1977, as amended, P.L. 95-113). The FSP is the largest of the domestic food and nutrition assistance programs administered by the U.S. Department of Agriculture's Food and Nutrition Service (FNS). During fiscal year 1997, the FSP served an average of 22.9 million persons per month. Almost \$19.6 billion were paid out in food stamps that year.

The characteristics of food stamp households and the level of FSP participation change over time in response to economic and demographic trends, and to legislative changes in eligibility requirements. To track these changes and measure their effect on the FSP, FNS relies on data from the QC database, which is an edited version of the FSP's Integrated Quality Control System (IQCS) database. The IQCS database contains detailed demographic, economic, and FSP eligibility information for a nationally representative sample of approximately 50,000 FSP units. The IQCS data are generated from monthly quality control (QC) reviews of FSP cases that are conducted by state FSP agencies to assess the accuracy of eligibility determinations and benefit calculations for the state's FSP caseload. These data, which are produced annually, are ideal for tabulations of the characteristics of food stamp units and for simulating the impact of various reforms to the FSP on current FSP units.

This document describes the variables in the QC database and how the IQCS data are cleaned and edited to create the QC database. It also describes how the QC Minimodel--one of FNS's food stamp microsimulation models--uses the QC data to simulate the impact of various reforms to the FSP on current FSP participants. Although this document is designed to be general enough for analysts and

new users of the data, programmers will find enough detailed information to re-create the file, tabulate the file, or use the file in the QC Minimodel.

The overview of the QC database (Section 1 of this document) describes the FSP's Quality Control System, the IQCS data that are the result of that system, and how the IQCS data are transformed into the QC database. The overview, written for a nontechnical audience, is designed to give analysts and new users of the data enough general information about the data to analyze and interpret the results of tabulations and QC Minimodel reform simulations.

The creation of the QC database (Section 2) details the QC database file development process. Section II, written for a technical audience, describes each program used to transform the IQCS data into the QC database.¹ It also presents the algorithms used in the program that edits the IQCS data for consistency and describes the development of the weights for the file.

The creation of the database-specific portion of the QC Minimodel (Section 3) explains how the QC data are used by the QC Minimodel to simulate reforms to the FSP. This section documents the database-specific algorithms used by the model. It also provides a technical description of the procedures used to transform data elements from the QC database into the data elements required as input to the model.

The codebook (Section 4) describes each variable in the QC database and includes the variable name, its origin, and a description that includes all the valid values of the variable. The section also explains how to use the codebook.

Appendix A describes the automated edits to FSP units. Appendix B shows the derivation of monthly sampling weights used in the QC file. Appendix C contains the parameter values used in

¹A SAS version and two binary versions of the QC database are created. The SAS file is used for tabulations of the characteristics of FSP households. One binary file is used to tabulate the characteristics of FSP households with Table Producing Language software, and the other binary file is used as the underlying database for FNS's QC Minimodel.

determining FSP eligibility in FY 1997 for parameters such as the FSP net income screen and maximum benefit levels. Appendix D lists the state and region identification codes used in the file, and Appendix E contains the Integrated Review Schedule--the coding form on which the raw data for the IQCS file is originally recorded by the state QC System reviewers.

Key Changes from 1996 QC Database

The major changes since the previous QC database are the addition of several new variables, SSIIND1-SSIIND15, FSNUMPRA, FSNABAWD, and SEED. SSIIND1-SSIIND15 are new person level indicators for identifying SSI recipients. These variables are used in place of SSI1-SSI15 in determining FSNDIS and the person level flags DIS1-DIS15. FSNUMPRA is the number of permanent resident aliens in the food stamp unit. FSNABAWD is the number of able-bodied adults without dependents in the food stamp unit. SEED is a random number variable added to assist in reform runs of the QC minimodel. Additionally, the variable MTHWGT has been removed as the variable HWGT now represents the monthly weight². Also, the automated edits to aliens have been expanded slightly to account for non-alien deeming. Another change was to allow the earned income deduction to be equal to 20 percent of unit earned income (rounded down).

² In the 1996 QC file, the variable MTHWGT was created to accurately represent the monthly caseload amounts due to some missing monthly data. Starting in 1997, the variable HWGT has been adjusted to correctly deal with the data and thereby reflect monthly caseload amounts.

SECTION 1

OVERVIEW OF THE QC DATABASE

II. OVERVIEW OF THE QC DATABASE

The QC database is an edited version of the Food Stamp Program's Integrated Quality Control System (IQCS) database. The IQCS database contains detailed demographic, economic, and FSP eligibility information for a nationally representative sample of approximately 50,000 FSP units.¹ These data, which are produced annually, are ideal for tabulations of the characteristics of food stamp units and for simulating the impact on current FSP units of various reforms to the FSP. This overview describes the raw IQCS file and the processing and edits that convert it to the QC database.²

A. THE QC SYSTEM

The IQCS data are generated from monthly quality control (QC) reviews of FSP cases that are conducted by state FSP agencies. The primary objective of the QC review is to assess the accuracy of eligibility determinations and benefit calculations. That is, the review is designed to determine (1) if units are eligible for participation and receiving the correct coupon allotment, and (2) if unit participation is correctly denied or terminated. QC reviews are essentially an audit through which states are held accountable for the accuracy of FSP certification.

The Quality Control System is based on a national sample of participating units and a somewhat smaller number of denials and terminations. The national sample of participating units is stratified by month and by the 50 states, the District of Columbia, Guam, and the Virgin Islands. Annual state

¹The term "FSP unit" refers to the persons in a household who together are certified for and receive food stamps. The term "FSP household" refers to all persons who reside together in a household that contains at least one person receiving food stamps. As such, an FSP household may contain non-FSP persons and/or multiple FSP units. Any references in the text to "unit" refer only to those persons in the household's primary FSP unit (that is, the FSP unit selected for the sample). Any references to "household" refer to the FSP unit as well as any other persons in the same household as the FSP unit.

²Section II (Creation of the QC Database) provides more technical information on the QC file development process.

samples range from 300 to 2,400 reviews, depending on the size of the monthly participating caseload. Several states have integrated Food Stamp, Aid to Families with Dependent Children (AFDC), and Medicaid QC sample selection and review processes.

IQCS data are collected by state QC reviewers, who gather financial and demographic information from the sampled household's case file, visit the household and re-interview the participants, determine whether the household received the correct FSP coupon allotment, enter all review information on a data coding form, and then send the coding form to FNS's national computer center where it is entered into the IQCS database. FNS regional offices then conduct a federal re-review of a subsample of the original state sample. Federal re-review data is sent to the national computer center where it is entered into the IQCS database and used in conjunction with the state review data to calculate the official payment error rate for each state. States are sanctioned or rewarded on the basis of their official payment error rates.

Although calculating state payment error rates is the primary objective of the QC system and its resulting IQCS file, the IQCS also functions as an important source of detailed demographic and financial information on a large sample of active food stamp households in a given fiscal year. The IQCS data are the source for FNS's annual report entitled *Characteristics of Food Stamp Households* and for FNS's QC Minimodel, a microsimulation model that estimates the impact of proposed reforms to the FSP on current participants.

B. THE IQCS SAMPLE

Each month, food stamp agencies in all 50 states, the District of Columbia, Guam, and the Virgin Islands draw two samples: one of households receiving food stamps in their state (active cases), and another, smaller sample of households that were either terminated from the program or applied for the program but were denied benefits in their state. While almost all participating food stamp units are

included in the sample of active cases, certain types of units not appropriate for QC review are excluded. Specifically, the active cases universe includes all units receiving food stamps during a review period except cases in which the participants died or moved outside the state, received benefits by a disaster certification authorized by the FNS, received benefits under a 60-day continuation of certification, were under investigation for FSP fraud (including those with pending fraud hearings), were appealing a notice of adverse action and the review date falls within the period covered by continued participation pending hearing, or received restored benefits in accordance with the FNS-approved state manual but who were otherwise ineligible. The sampling unit within the active universe is the food stamp unit as defined in an FNS-approved state manual.

State sampling plans must conform to accepted principles of probability sampling. A state may use simple random sampling or any of various complex designs that best meet its needs. Sampling designs other than simple random sampling must be approved by FNS.

Annual state sample sizes range from a minimum of 300 to 2,400 reviews depending primarily on the size of the monthly participating caseload. States must use the following guidelines when determining its annual QC sample sizes:

- If the average monthly caseload is under 10,000, then the minimum sample size is 300 cases per year.
- If the average monthly caseload is over 60,000, then the standard minimum sample size is 2,400 cases per year and the optional minimum size (defined below) is 1,200 per year.
- If the average monthly caseload is between 10,000 and 60,000, the standard and optional minimum samples are derived by the following formulas:

$$\text{Standard minimum} = 300 + 0.042 (N - 10,000)$$

$$\text{Optional minimum} = 300 + 0.018 (N - 10,000),$$

where N is the average monthly caseload

A state may choose the optional minimum sample size if it agrees not to dispute later payment error rate findings and the associated sanctions on the basis of the precision of the estimates.

Federal subsamples are drawn from the set of all state-completed cases for a given fiscal year. The size of the federal subsample varies from 150 to about 800 cases per year, depending on the state sample size.

C. CREATION OF THE QC DATABASE FROM THE IQCS DATA

The QC database is created from the IQCS data through five steps: (1) preliminary processing, (2) data editing, (3) variable construction, (4) weighting, and (5) edits to households with aliens.³

1. Preliminary Processing

The IQCS data is first converted to a SAS file. A series of quality control counts and frequency distributions for the values of each variable on the file are then generated and inspected. Data that are out of range, missing from the file, or coded as unknown on the source file are assigned missing value codes. Records coded as having an incomplete QC review are then removed from the file.⁴

2. Data Editing

Measures of unit size, income, and benefit level are very important to any analysis of food stamp households. There are several ways to obtain these measures from the IQCS. The raw data file contains both a reported certified unit size and an affiliation flag for each person in the household. A unit size can be calculated from each. There is a reported unit gross income level as well as reported income amounts for each person for each type of income. These amounts can be summed

³Section II (Creation of the QC Database) describes the file creation process in more detail.

⁴Records with an incomplete review are defined as REVDISP not equal to 1 (review completed).

to obtain unit-level gross income. Values are also reported for net income and benefits, both of which can also be calculated on the basis of values for gross income, total deductions, and unit size. Data for these measures are inconsistent for a number of records on the IQCS file. For instance, the sum of the income of each person in the unit may not equal reported gross income. Such inconsistencies can be rooted in the initial case record information, the transcription and data entry process, or the extraction of the food stamp information for the selected months. It is important to ensure that the various measures of unit size, income, and benefits are consistent, since inconsistencies can interfere with a reliable analysis, particularly in analyses of program changes.

The overall strategy of the IQCS editing process is to ensure that certain basic relationships hold for all cases. The two most basic relationships that should hold for the reported program variables are:

- Net income must equal gross income minus the total deductions for which the unit is eligible.
- The food stamp benefit level must equal the maximum benefit for that unit size minus 30 percent of net income.

In addition, several key relationships must hold for some final and intermediate variables. For example:

- Unit size must equal the number of people coded as affiliated with the food stamp case under review.
- Gross unit income must equal the sum of all person-level income amounts.
- Earned income deduction must equal 20 percent (rounded down) of unit earned income.
- Medical deduction must equal medical expenses over \$35 for units with an elderly or disabled person.
- Excess shelter deduction must equal shelter costs above 50 percent of gross income minus all other deductions up to a cap. Units that contain elderly or disabled members are not subject to the cap.

- Total deductions must equal the sum of the standard deduction and any earned income deduction, medical deduction, excess shelter deduction, dependent care deduction or child support expenditure.

The process by which the editing program determines whether a case is internally consistent and the edits performed if the case is not consistent, is fairly complex and described in detail in Section 2 of this document.

3. Variable Construction

A number of variables are constructed from the reported data once the file is edited. The major classes of constructed variables are unit-level income variables, FSP eligibility and benefit determination variables, characteristics flags, and geographic region variables.

- ***Unit-level income variables.*** The total FSP unit income variable of a particular type is constructed by summing the person-level income of that type over all persons in the FSP unit and then summing the unit income of each particular type.
- ***FSP eligibility and benefit determination variables.*** Variables used to determine eligibility and benefits--such as FSP unit deductions, FSP unit net countable income, and FSP unit benefits--are constructed on the basis of unit income and demographic characteristics.
- ***Characteristics flags.*** Characteristics flags are created to identify units with certain features, such as the presence of an elderly or disabled person. In addition, data from the Area Resource File (ARF) are merged to identify whether a unit resides in an urban or rural area.

4. Weighting

The original weights on the file are adjusted proportionally so that they replicate, by state, the monthly number of FSP units as reflected in the FSP operations data. Program operations figures are derived from FNS's National Data Bank and reflect actual levels of participation and benefit issuance. Thus, the weighted number of households on the QC database matches program operations figures.

The QC file does not, however, have a person-level weight. Therefore, weighted QC database estimates of the number of FSP participants do not necessarily match program operations totals.⁵

5. Edits to FSP Units with Aliens

Data on aliens reported in the IQCS and subsequently edited in the creation of the QC database is sometimes inconsistent. These inconsistencies make reform simulations involving aliens slow and relatively inaccurate. Because of this, data on aliens are edited during the initial data editing process (that is, in step 2 above). Additionally, the fiscal year 1997 QC file development process expanded these edits to deal with non-alien inconsistencies.

D. FINAL QC DATABASE

After the QC database is created through the preceding five steps, a SAS version and two binary versions of the file are created. The SAS file is used for tabulations of the characteristics of FSP households. One binary file is used to tabulate the characteristics of FSP households with Table Producing Language software, and the other binary file is used as the underlying database for FNS's QC Minimodel microsimulation model.

⁵Sampling error should cause random differences between QC database estimates of the number of FSP participants and the actual number of FSP participants. Nevertheless, the QC database consistently overestimates the number of FSP participants and consistently underestimates total FSP benefits. The discrepancies are small in magnitude and consistent in their direction. A detailed discussion of this anomaly and its possible causes are described in a memorandum to Alana Landey and Jenny Genser of FNS from Mike Stavrianos of MPR ("Investigation of the Differences Between QC Database and Program Operations Counts of FSP Participants and Benefits," 3/5/96).

SECTION 2

CREATION OF THE QC DATABASE

III. FISCAL YEAR 1997 QC FILE DEVELOPMENT PROCESS

The following is a description of the programs and data used in the development of the 1997 QC file.¹ The development process is also illustrated in Figure III-1.

Step 1.

The 1997 FNS data was downloaded from 9 track tape to PC disk:

INPUT TAPE: Tape labeled, 6250 BPI, Character format (EBCDIC)
Record length 1,926; Block size 19,260
55,851 Records

OUTPUT FILE: IQCS1997.DAT (ASCII, 55,844 Records)

Step 2.

Specified fields from the raw FNS file were converted to SAS format, the unique record identifier HHLDNO was created, and stratum codes were corrected to reflect FNS's updated specifications.

PROGRAM NAME: SASIFY97.SAS

INPUT FILE: IQCS1997.DAT (ASCII, 55,844 Records)

OUTPUT FILE: QCFY9701.SD2 (55,844 Records, 438 Variables)

Step 3.

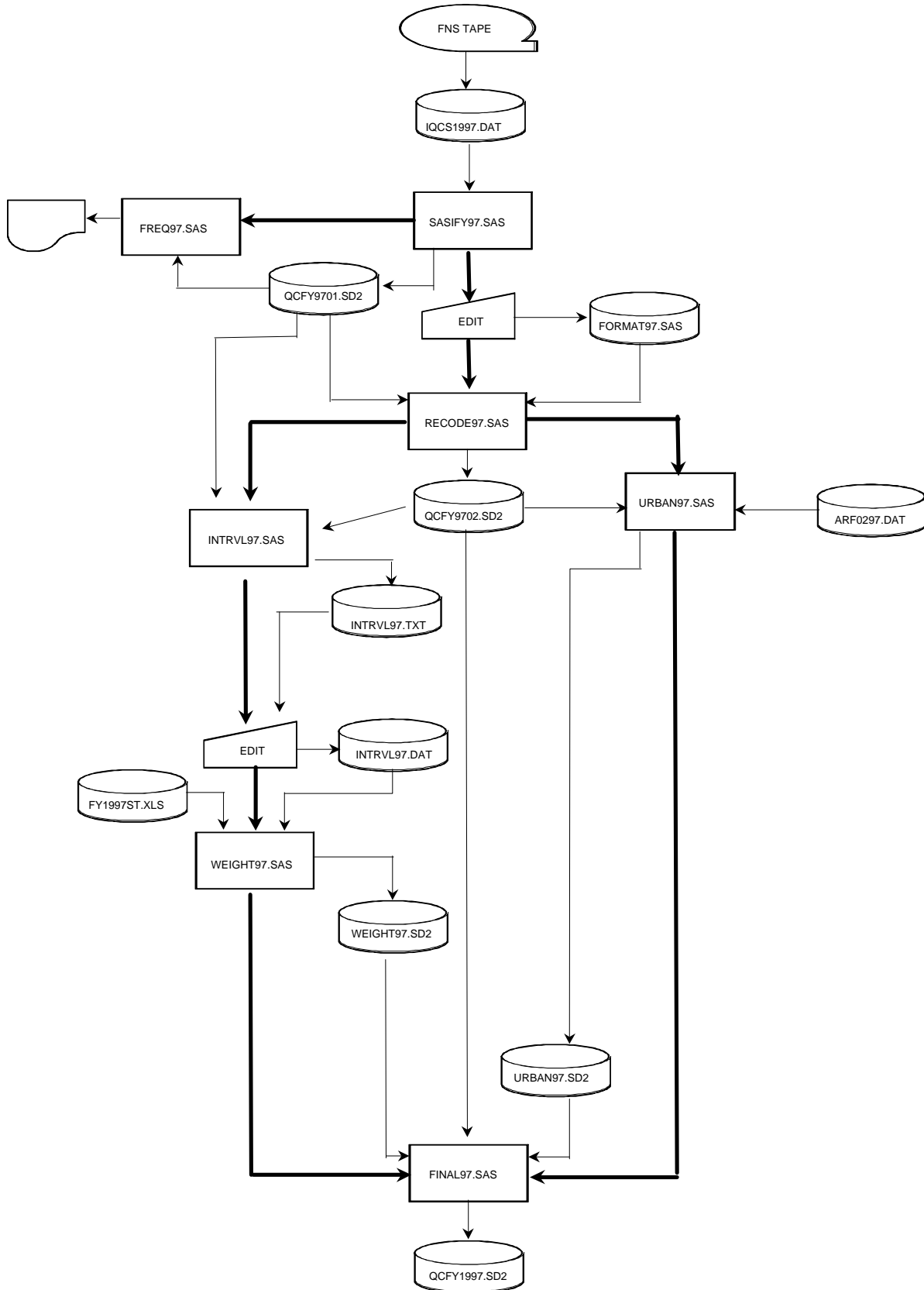
Preliminary frequencies were run on the SAS file. The frequencies were checked for evidence of data corruption, consistency across areas and months, and the extent of missing and out-of-range data.

PROGRAM NAME: FREQ97.SAS

INPUT FILE: QCFY9701.SD2 (55,844 Records, 438 Variables)

¹A copy of the computer programs used in the development of the FY1997 QC database is available upon request from FNS.

FIGURE III.1 FISCAL YEAR 1997 IQCS FILE DEVELOPMENT PROCESS



Step 4.

A hand-entered program parameters format library containing format values for maximum benefit and income screen was constructed. This program was used in Step 5.

OUTPUT PROGRAM: FORMAT97.SAS

Step 5.

An edit program created several unit-level variables pertaining to FSP affiliation, income deductions, shelter limit, benefit amount, assets, poverty status, and specific types of income. Income and asset values that were considered out-of-range were set to missing. Inconsistencies between person-level income totals and reported totals were detected and resolved using a procedure that first selects the most appropriate unit-level income and deduction amounts, then edits the person-level income amounts so that the totals will match the selected amounts. This procedure is described in detail in chapter IV. Units meeting the following conditions were written to the output file: (1) completed review; (2) contain at least one FSP participant under review; and (3) receive a benefit amount of at least one dollar.

PROGRAM NAME: RECODE97.SAS

INPUT FILES: QCFY9701.SD2 (55,844 Records, 438 Variables)
 FORMAT97.SAS (Format library)

OUTPUT FILES: QCFY9702.SD2 (48,854 Records, 544 Variables)

Step 6.

A file was created containing State name, FIPS code, and stratum, with one record per State/stratum combination.

PROGRAM NAME: INTRVL97.SAS

INPUT FILES: QCFY9701.SD2 (55,844 Records, 438 Variables)

OUTPUT FILE: INTRVL97.TXT (ASCII, 100 Records)

Step 7.

The INTRVL97.TXT file was edited by hand to add interval information (obtained from FNS) for each State/stratum combination. The edited file was saved as INTRVL97.DAT.

INPUT FILE: INTRVL97.TXT (ASCII, 100 Records)

OUTPUT FILE: INTRVL97.DAT (ASCII, 100 Records)

PROGRAM NAME: MINIQC97.SAS

INPUT FILES: QCFY1997.SD2 (48,854 Records, 524 Variables)

OUTPUT FILE: MATHPC.BIN (48,854 Household records, 134,503 Person records)

Step 12.

Using the final QC SAS file, this step creates a hierarchical binary file which is to produce tables with Table Producing Language software. The program also creates a codebook for the Table Producing Language software. SAS missing values are coded to negative values. Additional household level recodes are created for use in table generation.

PROGRAM NAME: QC2TPL97.SAS

INPUT FILES: QCFY1997.SD2 (48,854 Records, 524 Variables)

OUTPUT FILE: QC2TPL97.BIN (48,854 Household records, 134,503 Person records)
QC2TPL97.CBK

IV. OBTAINING FILE CONSISTENCY

To obtain the highest possible degree of consistency between person-level and unit-level data, while at the same time maintaining the integrity of the database, it is necessary to perform selected editing of the reported data. Since fiscal year 1989, we have implemented a consistent editing scheme as submitted to FNS (“Strategies for Editing the Food Stamp Quality Control Data”, April 1989, Patty Anderson). The following is a brief description of the procedures used to obtain file consistency. For more detail, please refer to the RECODExx.SAS program.

The first task is to reconcile unit size with the number of people receiving food stamps. Checks are then made for out-of-range income values for each affiliated person, and out-of-range asset values for each unit. For person-level income values, any amount that is over 2.5 times the poverty level is set to missing. For unit assets, the upper limit is 2.5 times the asset limit, and any asset value above the upper limit is set to missing. The next task is to reconcile reported person-level income amounts with calculated and reported unit-level income and deduction variables. To reconcile any differences in these measures, the following steps are performed (Figures IV.1 and IV.2):

- (1) We first use the affiliation flags on each person in the unit to construct a measure of unit size as the number of members in the food stamp unit under review. A person is considered to be in the food stamp unit if FSAFIL_i is between 10 and 20.
- (2) We then construct a measure of unit gross income by adding together all affiliated persons' earned incomes that are not exempt (earned income amounts for students under 18 are excluded) and unearned incomes. Earned income variables are WAGES_i, SLFEMP_i and OTHERN_i. Unearned income variables are SSI_i, AFDC_i, CONT_i, DEEM_i, OTHGOV_i, EDLOAN_i, OTHUN_i, SOCSEC_i, GAI_i, UNEMP_i, VET_i, WCOMP_i and CSUPRT_i.
- (3) We construct two different scenarios for the correct FSP benefit. For the first scenario, called Series 1, we use reported unit gross income and the reported earned income deduction, and then calculate net income and benefit values. For Series 2, we use reported person-level gross income, calculate the earned income deduction, and then calculate net income and benefit values. For both scenarios, the standard, medical, and dependent care expenses deductions are identical.

FIGURE IV.1 QC EDITING SCHEME

- A: Determine FSP unit size
- B: Sum income across persons
- C: Calculate alternative unit-level (SERIES 1) and person-level (SERIES 2) income and benefit amounts

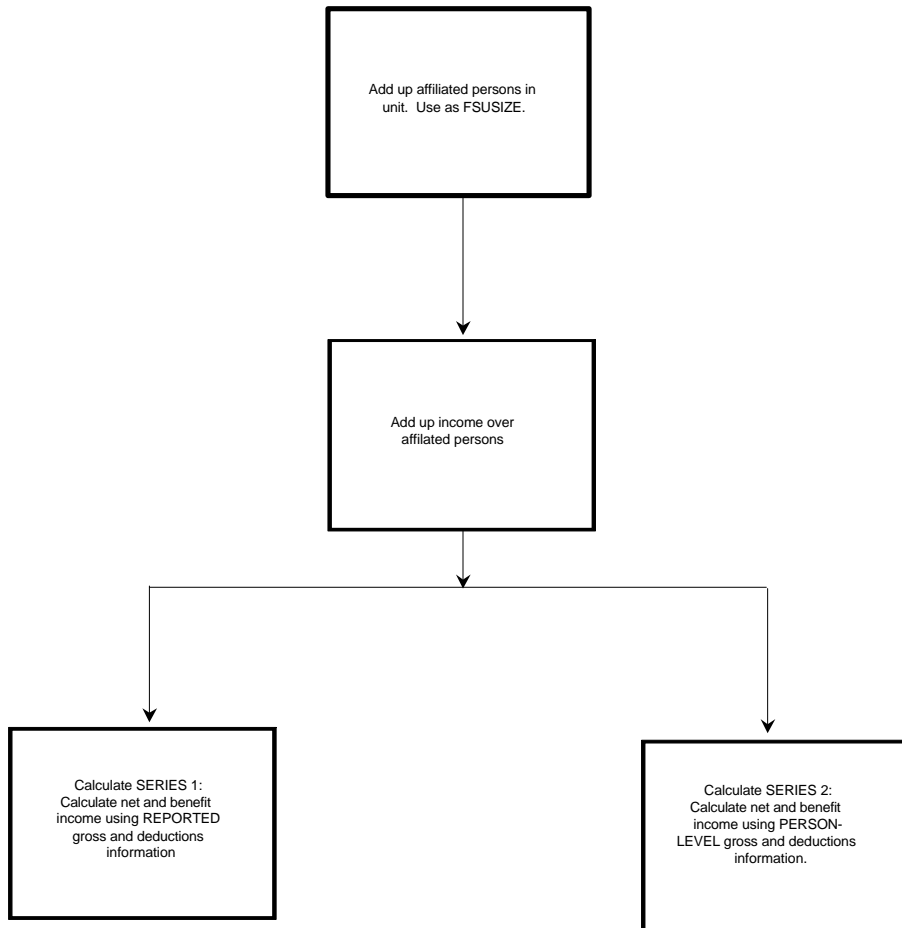
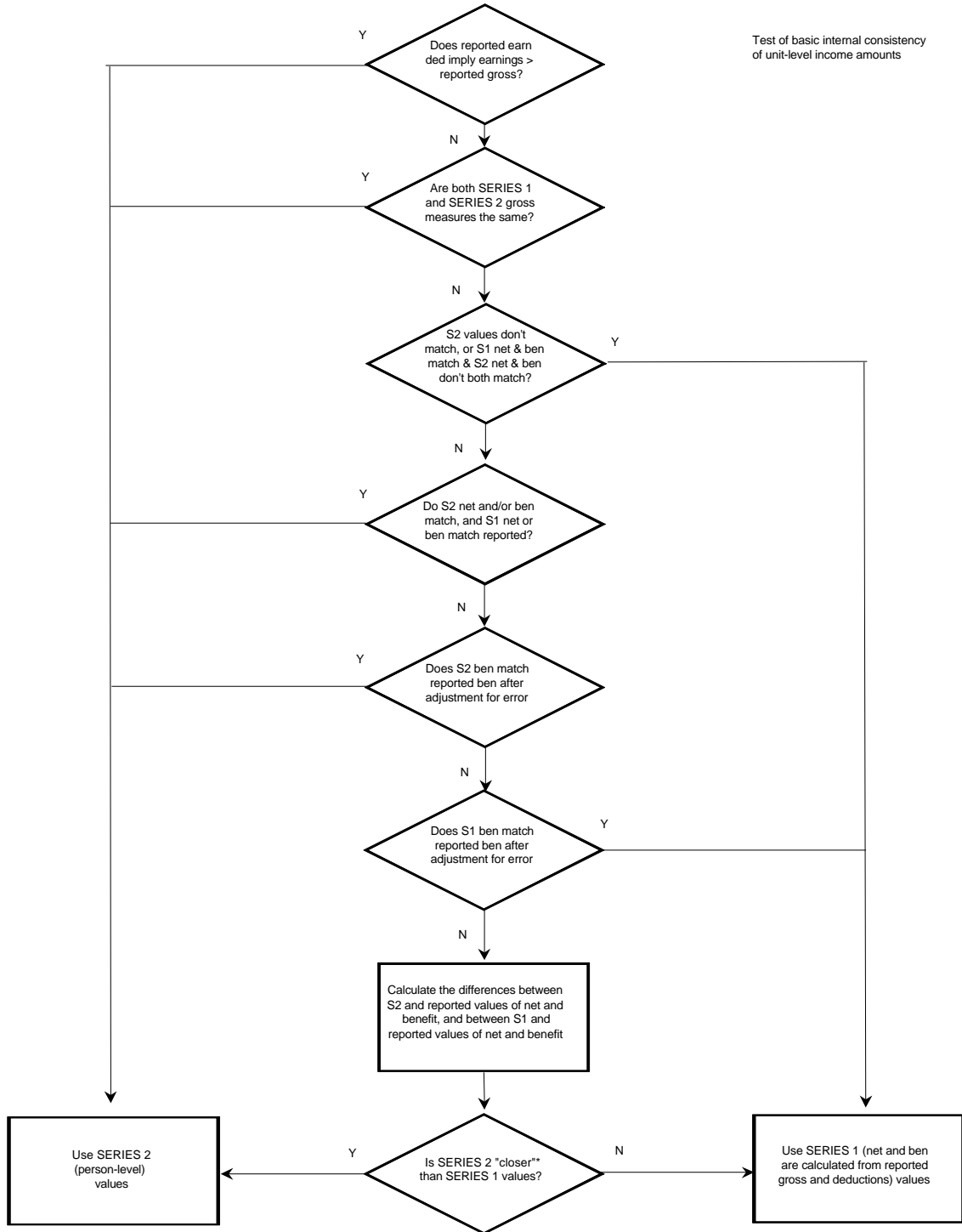


FIGURE IV.1 QC EDITING SCHEME CONT'D

D: Determine which series is most consistent with reported bonus and net income and choose that gross income



* "Closer" means that: $(S2 \text{ ben} - \text{report ben})^2 + (S2 \text{ net} - \text{report net})^2 < (S1 \text{ ben} - \text{report ben})^2 + (S1 \text{ net} - \text{report net})^2$

FIGURE IV.1 QC EDITING SCHEME CONT'D.

E. Reconcile the person-level earnings with the selected earned income deduction (as decided in D)

F. Reconcile the person-level unearned income with the selected gross income (as decided in D)

G. Calculate all final values

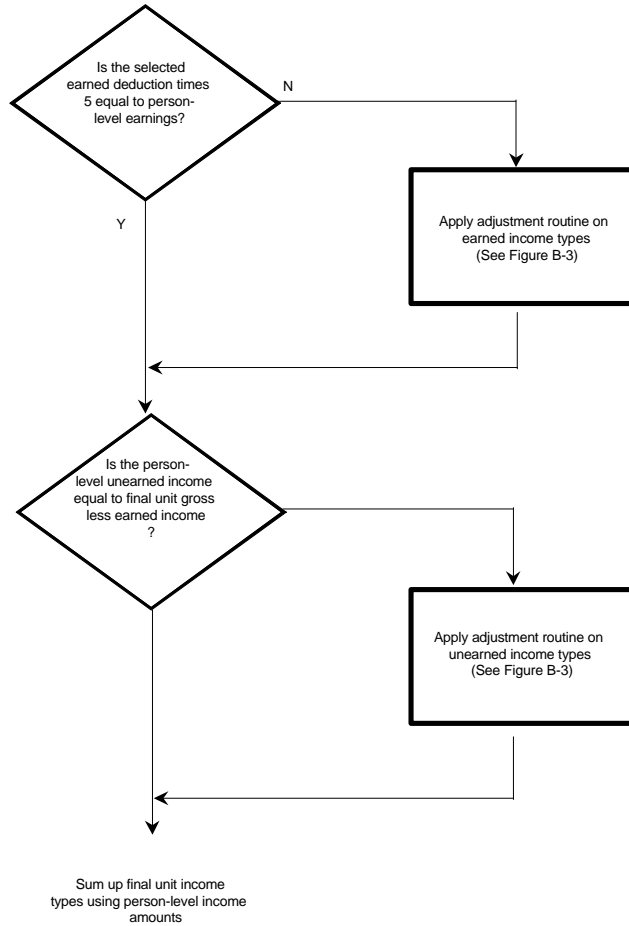
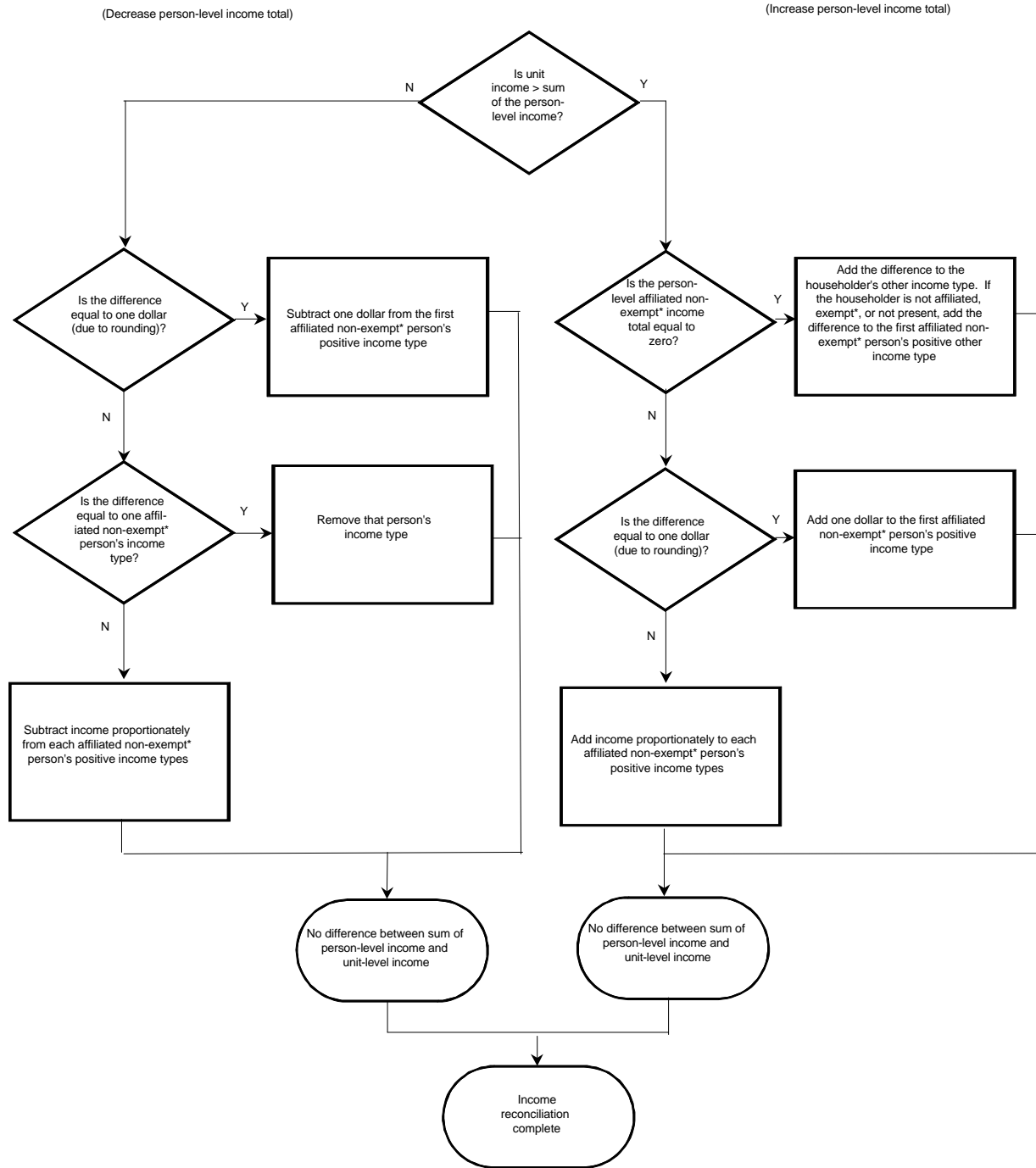


FIGURE IV.2 PERSON-LEVEL INCOME ADJUSTMENT ROUTINE

Adjust person-level earned and/or unearned income amounts to match final unit gross income



* Exempt status is attributed to students under 18 years of age, and is applied to earned income amounts only. Earned income types for exempt persons are not included as part of unit income.

- (4) We then compare each scenario to the reported values of gross income, net income and benefits that are on the data file, to determine which scenario is most consistent with the reported values.

If the reported person-level total gross income (Series 2) is equal to reported unit gross income (Series 1), we use Series 2 values.

If the Series 1 net income and benefit values are both equal to their respective reported values, and either the Series 2 net income or the Series 2 benefit is equal to its respective reported values (but both do not match), we use Series 1 values.

If either the Series 1 net income or the Series 1 benefit is equal to the respective reported value, and neither the Series 2 net income nor the Series 2 benefit matches their respective reported values, we use Series 1 values.

If either the Series 1 net income or the Series 1 benefit is equal to the respective reported value, and both the Series 2 net income and benefit values match the corresponding reported values, we use Series 2 values.

If either the Series 1 net income or the Series 1 benefit is equal to the respective reported value, or if neither the Series 1 net income nor the Series 1 benefit is equal to the respective reported value, and either the Series 2 net income or the Series 2 benefit matches the corresponding reported value, then we use Series 2 values.

If none of the above conditions have been satisfied, we compare the reported benefit amount, adjusted for error, to the Series 1 and Series 2 benefit amounts. If the Series 2 benefit is equal to the reported benefit after adjustment, we use the Series 2 values; otherwise, if the Series 1 benefit is equal to the reported benefit amount after adjustment, we use the Series 1 values. If a series still has not been chosen, we choose the series that minimizes the following error measure: $(\text{modeled benefit} - \text{reported benefit})^2 + (\text{modeled net income} - \text{reported net income})^2$.

- (5) We reconcile person-level earnings with the chosen earned-income deduction if necessary. If no earnings are reported but the earned income deduction implies positive earnings, we add the difference to the householder's "other earned income"; if the householder is not affiliated, is exempt, or is not present in the unit, we add the difference to the first affiliated non-exempt person's "other earned income". If positive earnings are reported but do not match the earning value implied by the chosen earned income deduction, we proceed with the following adjustments: If the difference is one dollar (due to rounding), we adjust the first affiliated non-exempt person's positive earnings by a dollar. If the difference is greater than a dollar and is equal to one person's positive earnings amount, we remove that person's earnings amount. Otherwise we adjust each positive earnings value by a proportional amount, for each affiliated non-exempt person.
- (6) Person-level unearned income amounts are reconciled with the chosen gross income less earned income measure in the same manner as the person-level earned income amounts.
- (7) Lastly, we sum all person-level income amounts to obtain final unit-level income totals.

V. DERIVATION OF SAMPLING WEIGHTS

The QC file contains two weight variables: (1) the monthly weight (HWGT), and (2) the full-year weight (FYWGT). HWGT is the monthly weight used to replicate the monthly caseload amounts as reflected in Food Stamp Program Operations data. FYWGT is HWGT/12 and can be used to perform full-year tabulations on the QC data.

The tables in Appendix B show the original monthly weights (HWGT) and their derivation for each state and stratum. In states and months without a stratified sample, the weight for each FSP unit (column h) equals the caseload derived from program operations data (columns e and f) divided by the number of cases in the edited sample in that state and month (column g). In states and months with a stratified sample, weights for each stratum are calculated in the same manner as states without a stratified sample. First, though, each stratum's unedited caseload (column c) is adjusted proportionally so that the sum of the new strata's caseloads (column f) equals the state's *reported* caseload (column e). The weight for each FSP unit in each stratum (column h), then, equals the stratum's adjusted caseload (column f) divided by the number of cases in the edited sample in that stratum and month (column g).

The second weight variable, FYWGT, was created in order to do full-year calculations on the data. FYWGT is created by summing up HWGT for the available months and then dividing by the number of months. For fiscal year 1997 12 months worth of data existed for all states. Therefore, FYWGT is simply HWGT/12.

SECTION 3

THE QC-SPECIFIC PORTION OF THE QC MINIMODEL

THE QC-SPECIFIC PORTION OF THE QC MINIMODEL

The QC Minimodel uses a series of algorithms to simulate eligibility, benefits, and participation in the Food Stamp Program. Together, these algorithms comprise the Food Stamp Module (FSTAMP). Some of the algorithms in the FSTAMP module are specific to the input data source (CPS, SIPP, or QC), while others are database independent. This section documents the algorithms that are specific to the QC database. The database-independent algorithms are documented in the MATH SIPP Programmer's Guide, Technical Description and Codebook (Schechter, Sykes, Schmitt, 1997).

In addition, this section provides a technical description of the procedures used to transform data elements from the QC database into the data elements required as input to the database-independent algorithms of FSTAMP.

VI. CREATE MATH-STYLE VERSION OF QC DATABASE

A. INTRODUCTION

1. **Documented by:** John DiCarlo
2. **Coded by:** Mark Brinkley
3. **Specified by:** John DiCarlo
4. **Purpose**

The QC Minimodel requires a standard binary file in a particular format (MATH style) as input. This section describes the procedure used to create the binary file from the SAS version of the QC database.

B. USER PARAMETERS

None.

C. PROGRAMMER'S GUIDE

1. HIPO Chart

None.

2. Input files

QCFY _{xx} .SD2	Final QC database file, in SAS format.
MATHPC.HDR	ASCII header file that describes the record layout of the database file,
MATHPC.BIN	

3. Output files

MATHPC.HDR	ASCII header file that describes the record layout of the database file,
MATHPC.BIN	
MATHPC.BIN	QC database file in standard binary form, in a heirarchical format (household record then person records for persons in the household)

4. Programs

MINIQ_{Cxx}.SAS

5. Output Variables

The variables are the same as those in the QC data file in SAS format.

D. TECHNICAL DESCRIPTION

The following is a brief description of the procedures used to create a MATH-style version of the QC database. For more detail, please refer to the MINIQCxx.SAS program.

Create a hierarchical file in standard binary format with one household record per record in the SAS dataset. Create one person record for each person in the FSP unit. Convert proprietary SAS missing data codes as follows:

- . -1 (blank on raw QC file)
- . A -2 (coded by MPR as out of range)
- . B -3 (coded by QC reviewer as unknown)
- . C -4 (unable to construct variable)

Edit by hand the MATHPC.HDR file so that its record layout matches the output statement in MINIQCxx.SAS.

VII. QC-SPECIFIC PORTION OF THE QC MINIMODEL

A. INTRODUCTION

1. **Documented by:** Mark Brinkley
2. **Coded by:** Mark Brinkley
3. **Specified by:** Mark Brinkley
4. **Purpose**

The QC Minimodel software is segregated into database-independent (generic) and database-specific components. The generic portions of the QC Minimodel are documented in the MATH-SIPP Programmer's Guide, Technical Description, and Codebook (Schechter, 1997). In this section, we document the QC-specific portion of the model.

B. USER PARAMETERS

None of the user parameters are specific to the QC model. For a list of generic FSTAMP user parameters, see documentation for the database-independent portion of the FSP model (FSTAMP) in the MATH-SIPP Programmer's Guide, Technical Description, and Codebook (Schechter, 1997).

C. PROGRAMMER'S GUIDE

1. Input files

MATHPC.PRM user parameter file (text file)

MATHPC.HDR ASCII header file that describes the record layout of the database file, MATHPC.BIN

MATHPC.BIN QC database file in standard binary form, in a hierarchical format (household record then person records for persons in the household)

3. Output files

MATHPC.HDR ASCII header file that describes the record layout of the database file, MATHPC.BIN

MATHPC.BIN QC database file in standard binary form, in a hierarchical format (household record then person records for persons in the household)

MATHPC.TAB summary tables

MATHPC.OUT debug file

4. Programs

a. Subroutines

db_fs_counts	increments debug counters and prints totals to MATHPC.OUT file
db_fs_hh_definers	creates variables that do not vary by FSU
db_fs_display_partic_debug	dummy routine for comparability with SIPP version
db_fs_unit	identifies which household members belong to which food stamp unit and determines whether a person is categorically excluded from any FSU
db_fs_locate_vars	locates the database-specific input variables
db_fs_parm_array_sizes	sets the size of database-specific array sizes
db_fs_readparm	reads database-specific user parameters from parameter file
db_fs_validate_parm	validates the user parameters using database-specific criteria
db_fs_participation	determines whether or not eligible units participate
db_fs_display_debug	prints database-specific debug print about the FSP units and their eligibility determination
db_fs_vars	creates FSU summary variables (e.g., FSGRINC, FSNET)

b. Modules

fs_dbdefine	common storage for database-specific household definer variables
fs_dblocs	common storage for database-specific variable locations

5. Output Variables

None. All output variables are created by the database-independent portion of the MATH FSTAMP model.

D. TECHNICAL DESCRIPTION

1. Overview

The primary purpose of the QC-specific model algorithms is to use QC-specific data elements to construct the variables needed by the database-independent portion of FSTAMP. The most important QC-specific model algorithms are those in the db_fs_vars subroutine (found in DBVARS.F90). The specifications for these algorithms are found in sections 6 and 7 below.

2. Validate User Parameters

a. Purpose

Although there are no QC-specific user parameters for FSTAMP, some of the generic FSTAMP user parameters must have certain values for the QC model.

b. Specification

The QC model does not support `BASELAW = ''`. The baselaw simulation is determined by the QC file editing process, *not* by `FSTAMP` (although the QC file editing algorithms match `FSTAMP` algorithms exactly). For new baselaws, use `BASELAW = FS_VARS` in the `NTH = 1` parameter set.

`FS_VARS = 1` is not allowed, because the variables with a suffix of "1" are always on the file. The original, suffix "1" variables are always needed by the `DBVARS` routine for imputing medical, shelter, and dependent care expenses, and countable assets (when the unit composition is not that of the original unit). If you change the suffix "1" set of variables on the file, make sure you understand the impact on the `DBLOCS`, `DBDEFINE`, and `DBVARS` calculations.

3. Locate the Input Variables Used and the Output Variables Created

a. Purpose

During `KEOF = 1`, before processing household records, obtain pointers to variables needed as input to the database-specific model algorithms.

b. Specification

Use the `LOCVAR` supervisor routine to obtain and store locations for the following variables:

STATE	GA	OTHUN	FSNABAWD	
LOCALCOD	OTHGOV	FSAFIL	FSUN	1
RCNTACTN	SOCSEC	SEX	FSUSIZE	1
FYWGT	UNEMP	REL	FSNKID	1
AGE	VET	DIS	FSNELDER	1
EMPRG	WCOMP	FSMEDEXP	FSNDIS	1
WAGES	EDLOAN	FSDEPEXP	FSASSET	1
SLFEMP	CSUPRT	FSSLTEXP	YRMONTH	
OTHERN	DEEM	SEED	STRATUM	
SSI	CONT	FSNUMPRA	SSIIND	
AFDC				

`CASHOT`, `FSTUD`, `FSASTEST`, `FSNETEST`, `FSGRTEST`, and `FSPART` are all dummy variables for the QC data, but the generic code expects them to be present. If any of these variables is not on the file, *and* they will not be added during `NTH=1` (in `FSLOCS`), then use the supervisor routine `ADDVAR` to create them, and set the variable `USING_ORIGINAL_QCFILE` to true. The variable `USING_ORIGINAL_QCFILE` signals the `DBDEFINE` routine that this set of variables must be set (either to 0 or 1).

4. Construct Household Definer Variables

a. Purpose

For each household, create household definer variables that are used in subsequent calculations.

b. Specification

Set `WGT` to `FYWGT`.

Set U.S., Alaska, Hawaii, Guam & Virgin Islands geographic indicators. `GEOG_DED` indexes the standard deduction, child care deduction, and shelter deduction arrays; `GEOG_SCRN` indexes the

gross & net income screen arrays; GEOG_BEN indexes the maximum benefit array; and GEOG_POV indexes the POVMONTH array.

```

select case (state%ihhld)
  case(15)                                !! hawaii
    geog_ded = 3
    geog_scrn = 3
    geog_ben = 5
  case(2)                                  !! alaska
    geog_ded = 2
    geog_scrn = 2
    select case(localcod%ihhld)
      case(82)                             !! alaska rural i
        geog_ben = 3
      case(44,46,47,51)                   !! alaska rural ii
        geog_ben = 4
      case default
        geog_ben = 2                    !! alaska urban is default
    end select
  case(66)                                 !! guam
    geog_ded = 4
    geog_scrn = 1
    geog_ben = 6
  case(78)                                 !! virgin islands
    geog_ded = 5
    geog_scrn = 1
    geog_ben = 7
  case default
    geog_ded = 1
    geog_scrn = 1
    geog_ben = 1
end select

geog_pov = geog_scrn

region = region_lookup(state%ihhld)

```

Assign FSP reporting status

FS_REPORTER - set to true for all households

There are six FSTAMP baselaw output variables that are not on the original QC database. If these six variables are on not present on the input file, then set these variables as follows:

```

DO IP = 1, CTPRHH
  L_FTSTUD(1)%IPER(IP) = 0
  L_CASHOT(1)%IPER(IP) = 0
  IF (L_FSUN      (1)%IPER(IP) == IP) THEN
    L_FSASTEST (1)%IPER(IP) = 1
    L_FSGRTEST (1)%IPER(IP) = 1
    L_FSNETEST (1)%IPER(IP) = 1
    L_FSPART   (1)%IPER(IP) = 1
  ELSE
    L_FSASTEST (1)%IPER(IP) = 0
    L_FSGRTEST (1)%IPER(IP) = 0
    L_FSNETEST (1)%IPER(IP) = 0
    L_FSPART   (1)%IPER(IP) = 0
  ENDIF
ENDDO

```

Obtain *original* QC values for imputation of shelter, medical, and dependent care expenses (FSSLTEXP, FSMEDEXP, FSDEDEXP) in cases where the FSU is not the original FSU. Note that all of the calculations below *must* be based on the original FSU and its data, even if a new baselaw has

been constructed. Also, set original assets, and total household AFDC (needed for the ALL_PA determination in DBVARS routine).

```

ORIG_FSMEXP = ORIGINAL_FSMEXP%IHHL
ORIG_FSSLTEXP = ORIGINAL_FSSLTEXP%IHHL
ORIG_FSDEPEXP = ORIGINAL_FSDEPEXP%IHHL
ORIG_FSCSEXP = ORIGINAL_FSCSEXP %IHHL

ORIG_FSUHEAD = 0
DO IP = 1, CTPRHH
  IF ( ORIGINAL_FSUN%IPER(IP) == IP) ORIG_FSUHEAD = IP
ENDDO
ORIG_FSUSIZE = ORIGINAL_FSUSIZE %IPER(ORIG_FSUHEAD)
ORIG_FSNKID = ORIGINAL_FSNKID %IPER(ORIG_FSUHEAD)
ORIG_FSNELDER = ORIGINAL_FSNELDER%IPER(ORIG_FSUHEAD)
ORIG_FSNDIS = ORIGINAL_FSNDIS %IPER(ORIG_FSUHEAD)
ORIG_FSASSET = ORIGINAL_FSASSET %IPER(ORIG_FSUHEAD)
ORIG_KIDS_LT15 = 0
HHAFDC = 0
DO IP = 1, CTPRHH
  IF (AFDC%IPER(IP) > 0) HHAFDC = HHAFDC + AFDC%IPER(IP)
  IF ( ORIGINAL_FSUN%IPER(IP) == 0) CYCLE
  IF (
    AGE%IPER(IP) < 15 &
    .AND. AGE%IPER(IP) >= 0 ) ORIG_KIDS_LT15 = ORIG_KIDS_LT15 + 1
ENDDO

```

5. Construct Food Stamp Unit

a. Purpose

Use the "FSUN 1" code to construct the FSU. Make sure every FSU has a head.

b. Specification

Assign FSUN (food stamp unit number) to each person in the household:

```

DO IP = 1, CTPRHH
  FSUN(IP) = ORIGINAL_FSUN%IPER(IP)
  CASHOT(IP) = 0
  FTSTUD(IP) = 0
ENDDO

```

Identify units that no longer have a head due to a reform - assign them a new head:

```

DO IP = 1, CTPRHH
  IF (FSUN(IP) == 0) CYCLE
  IF (FSUN(FSUN(IP)) /= FSUN(IP)) THEN
    DO JP = IP+1, CTPRHH
      IF (FSUN(JP) == FSUN(IP)) FSUN(JP) = IP
    ENDDO
    FSUN(IP) = IP
  ENDIF
ENDDO

```

6. Create FSU Summary Variables

a. Purpose

Characteristics of the each food stamp unit must be summarized by adding the income of all members of the unit and counting various types of people in the unit (such as number of elderly and number children).

b. Specification

Identify students whose earnings are not counted:

```
do ip = 1, ctprrh
  student(ip) = .false.
  if ( age%iper(ip) <= studage(nth) &
    .and. age%iper(ip) >= 0 ) then
    select case (emprg%iper(ip))
      case (6,26,36,46)
        student(ip) = .true.
    end select
  endif
end do ! end of person loop
```

For each unit, aggregate the income of people in the FSU:

```
!----- WELFARE SUPPORT (NOTE: MISSING INCOME VALUES ARE CODED AS < 0)
IF (AFDC%IPER(IP) > 0) FSAFDC(IUNIT) = FSAFDC(IUNIT) + AFDC%IPER(IP)
IF (SSI %IPER(IP) > 0) FSSSI (IUNIT) = FSSSI (IUNIT) + SSI %IPER(IP)
IF (GA %IPER(IP) > 0) FSGA (IUNIT) = FSGA (IUNIT) + GA %IPER(IP)

!----- EARNINGS (NOTE: EXCLUDE STUDENT EARNINGS FROM EARNINGS AND GROSS INCOME)
IF (.NOT. STUDENT(IP)) THEN
  IF (WAGES %IPER(IP) > 0) FSEARN(IUNIT) = FSEARN(IUNIT) + WAGES %IPER(IP)
  IF (OTHERN%IPER(IP) > 0) FSEARN(IUNIT) = FSEARN(IUNIT) + OTHERN%IPER(IP)
  IF (SLFEMP%IPER(IP) > 0) FSEARN(IUNIT) = FSEARN(IUNIT) + SLFEMP%IPER(IP)
ENDIF

!---- OTHER UNEARNED INCOME
IF (OTHGOV%IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + OTHGOV%IPER(IP)
IF (SOCSEC%IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + SOCSEC%IPER(IP)
IF (UNEMP %IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + UNEMP %IPER(IP)
IF (VET %IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + VET %IPER(IP)
IF (WCOMP %IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + WCOMP %IPER(IP)
IF (EDLOAN%IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + EDLOAN%IPER(IP)
IF (CSUPRT%IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + CSUPRT%IPER(IP)
IF (DEEM %IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + DEEM %IPER(IP)
IF (CONT %IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + CONT %IPER(IP)
IF (OTHUN %IPER(IP) > 0) FSGRINC(IUNIT) = FSGRINC(IUNIT) + OTHUN %IPER(IP)
```

For each unit, loop over persons in the unit and count the number of unit members with various characteristics:

```
FSUSIZE(IUNIT) = FSUSIZE(IUNIT) + 1

IF (AGE%IPER(IP) > MAX_KID_AGE .OR. AGE%IPER(IP) < 0) THEN
  FSNADULT(IUNIT) = FSNADULT(IUNIT) + 1
ELSE
  FSNKID(IUNIT) = FSNKID(IUNIT) + 1
  IF (AGE%IPER(IP) >= MIN_SCHOOL_AGE) FSNK5t17(IUNIT) = FSNK5t17(IUNIT) + 1
  IF (AGE%IPER(IP) < 15) KIDS_LT15 = KIDS_LT15 + 1
  IF (AGE%IPER(IP) < MAX_TODDLER_AGE) THEN
```

```

        FNDEPLT2(IUNIT) = FNDEPLT2(IUNIT) + 1
    ELSE
        FNDEPGE2(IUNIT) = FNDEPGE2(IUNIT) + 1
    END IF
END IF

IF ( AGE%IPER(IP) >= MIN_ELDERLY_AGE ) FSNELDER(IUNIT) = FSNELDER(IUNIT) + 1

IF ( DIS%IPER(IP) == 1 ) FSNDIS(IUNIT) = FSNDIS(IUNIT) + 1

```

For each unit, loop over persons in the unit and count persons with public assistance for use in the “pure PA” imputation. Do not consider persons with FSAFIL=11 as on AFDC unless someone in the household (regardless of FSAFIL) has AFDC income.

```

IF ( (
    PUREPA(NTH) >= 1      &
    .AND. PUREPA(NTH) <= 3  &
    .AND. FSAFIL%IPER(IP) == 11 &
    .AND. HHAFDC > 0      &
)
.OR. (
    PUREPA(NTH) >= 2      &
    .AND. PUREPA(NTH) <= 4  &
    .AND. ( SSI%IPER(IP) > 0 .OR. GA%IPER(IP) > 0 ) &
)
) THEN
    IF (AGE%IPER(IP) >= 0 .AND. AGE%IPER(IP) <= MAX_KID_AGE) THEN
        KIDSPA = KIDSPA + 1
    ELSE
        ADULTSPA = ADULTSPA + 1
    ENDIF
ENDIF

```

For each unit, add earnings and welfare income to FSGRINC:

```

FSGRINC(IUNIT) = FSGRINC(IUNIT) + FSEARN(IUNIT) + FSSSI(IUNIT) &
                + FSAFDC(IUNIT) + FSGA(IUNIT)

```

For each unit, impute “pure PA” status:

```

IF ( (FSNADULT(IUNIT)>0 .AND. ADULTSPA == FSNADULT(IUNIT)) &
    .OR. KIDSPA == FSUSIZE(IUNIT) ) FSALLPA(IUNIT)=1

```

Identify FSUs headed by a single female. This is not used for any eligibility determination. It is used for summary counts only (G/L table). Note that persons with unknown age are NOT considered adults here, nor are they considered children.

```

ADULTS = 0
FEMADULTS= 0
DO IP = 1, CTPRHH
    IF (FSUN(IP) /= IUNIT) CYCLE ! PERSON NOT IN THE FSU
    IF (AGE%IPER(IP) >= 18 ) THEN ! NO ONE WITH MISSING AGE SHOULD BE INCLUDED HERE
        ADULTS = ADULTS + 1
        IF (SEX%IPER(IP) == 2) FEMADULTS = FEMADULTS + 1
    ENDIF
ENDDO
IF (ADULTS == 1 .AND. FEMADULTS==1 .AND. FSNKID(IUNIT) >0) FSNGMOM(IUNIT) = 1

```

7. Impute Medical Expenses, Dependent Care Expenses, Shelter Expenses, and Assets When FSU Is Not the Original FSU

a. Purpose

Asset and expense data recorded on the QC database pertain to the actual food stamp unit (FSU) sampled by the IQCS. However, the QC minimodel has the capability to simulate FSUs with compositions that are different from the composition of the original FSU. A minimodel simulation can form FSUs consisting of any group of persons in a QC household. While the QC system collects income data for each household member, asset and expense data are recorded only for the original FSU as a whole. Thus, the minimodel uses the original FSU's asset and expense data, along with the algorithms described below, to impute the asset and expense data for any simulated FSU that has a composition different from that of the original FSU. The minimodel does not use any of the algorithms described below when the composition of the simulated FSU is the same as the original FSU.

Many different imputation algorithms could be used to impute assets and expenses in simulations that involve changes to FSU composition. The best algorithm to use depends on the type of reform to be simulated. The algorithms described below have been incorporated into the minimodel because they have been used for numerous reform simulations requested by FCS during 1995. These algorithms will work well for many types of reforms, but they are not designed to be generally applicable.

b. Specification

Countable assets. For all simulated FSUs, the minimodel assigns the countable assets of the original FSU:

$$FSASSET(IUNIT) = ORIG_FSASSET$$

This algorithm is intended simply to keep all FSUs asset-eligible in the reform simulation. By keeping all FSUs asset-eligible, the model simulates the effect of a unit composition change solely via the change in income and FSU size that accompany a change in unit composition. This results in a simulation that uses information that is available (income of each unit, and number of persons in each unit), while holding constant the effect of information that is unknown (asset balances of each unit). In reality, changes in countable assets that result from changes in unit composition would cause some FSUs to lose eligibility. Minimodel results will not reflect eligibility losses that occur in this manner.

Shelter expenses. For all simulated FSUs, the minimodel assigns shelter expenses equal to the product of the number of persons in the unit and the per-capita shelter expenses of the original FSU:

$$FSSLTEXP(IUNIT) = NINT(ORIG_FSSLTEXP * FLOAT(FSUSIZE(IUNIT)) / ORIG_FSUSIZE)$$

This algorithm has been incorporated in the minimodel because it was used by FCS for many reform simulations during 1995.

In reality, a household's shelter expenses are assigned to each FSU in the household, based on the share of shelter expenses actually *paid* by each member of each FSU. Although the QC data contain no information regarding which persons are responsible for paying shelter expenses, one could impute payment responsibility based on income; a person with 65 percent of a household's income would be

assumed to be responsible for paying 65 percent of the household's shelter expenses. Again, the best imputation depends on the type of reform to be simulated.

Medical expenses. The minimodel imputes medical expenses based either on the number of elderly persons in the original unit, or, if no elderly are present, on the number of disabled persons. If the original unit contains no elderly persons and no disabled persons, then a medical deduction is not allowed, neither in the original QC file editing process, nor in any minimodel simulations.

```
IF (ORIG_FSMEDEXP > 0 ) THEN
IF (ORIG_FSNELDER > 0) THEN
  FSMEDEXP(IUNIT) = NINT( ORIG_FSMEDEXP * FSNELDER(IUNIT) / FLOAT( ORIG_FSNELDER))
ELSE IF (ORIG_FSNDIS > 0) THEN
  FSMEDEXP(IUNIT) = NINT( ORIG_FSMEDEXP * FSNDIS(IUNIT) / FLOAT( ORIG_FSNDIS ) )
ELSE
  FSMEDEXP(IUNIT) = 0
ENDIF
ENDIF
```

When both an elderly person and a non-elderly disabled person are present, note that the algorithm uses only the number of elderly persons, rather than both the number of elderly and the number of disabled persons. The implicit assumption is that, in any given household, it is likely that medical expenses are being generated by a single person, rather than multiple persons. If the medical expense are likely to be generated by a single person, the elderly person is more likely than the non-elderly disabled person to be generating the expenses; FY 1993 data show that only 2 percent of FSP households with non-elderly SSI recipients received a medical deduction, while 15 percent of elderly households received a medical deduction.

The medical expense imputation algorithm works best when persons are being removed from the original FSU, and when the original FSU is being split into two or more units. When persons not currently participating in the FSP (i.e. persons with FSAFIL 30-39) are being brought into the original FSU, the algorithm produces somewhat artificial results. In these latter cases, in reality, some FSUs without any medical expenses would bring in elderly persons who have medical expenses. Conversely, some FSUs with medical expenses would bring in elderly persons who do not have medical expenses. However, the minimodel algorithm only adds new medical expenses to a unit when medical expense already exist within the original unit. Conversely the minimodel algorithm never adds any new medical expenses to any units that did not already exist within the original unit.

For the FY 1995 QC minimodel, the following distribution shows the percentage of households for which each algorithm would be used if all units were simulated to have a change in composition:

No medical expenses reported:	95.18%
Medical expenses imputed using number of elderly:	3.55%
Medical expenses imputed using number of disabled:	1.11%
Medical expenses not used - no elderly, no disabled:	0.15%

Dependent care expenses. The minimodel imputes dependent care expenses to simulated FSUs using a hierarchy of alternative algorithms. In most cases, dependent care expenses are assigned based on the number of children under age 15 in the FSU.

```
IF (ORIG_FSDEPEXP > 0) THEN
  IF (ORIG_KIDS_LT15 > 0) THEN
```

```

    FSDEPEXP(IUNIT) = NINT( (ORIG_FSDEPEXP * KIDS_LT15 ) / FLOAT( ORIG_KIDS_LT15 ) )
ELSE IF (ORIG_FSNKID > 0) THEN
    FSDEPEXP(IUNIT) = NINT( (ORIG_FSDEPEXP * FSNKID(IUNIT) ) / FLOAT(ORIG_FSNKID) )
ELSE IF (ORIG_FSNDIS>0 .OR. ORIG_FSNELDER > 0 ) THEN
    FSDEPEXP(IUNIT) = NINT( ORIG_FSDEPEXP
                            * ( FSNDIS(IUNIT) + FSNELDER(IUNIT) )
                            / FLOAT( ORIG_FSNDIS + ORIG_FSNELDER )
                            &
                            &
    FNDEPGE2(IUNIT) = 1
ELSE IF (.NOT. DEPEXP_LAST_RESORT) THEN
    FSDEPEXP(IUNIT) = ORIG_FSDEPEXP
    FNDEPGE2(IUNIT) = 1
    DEPEXP_LAST_RESORT = .TRUE.
ENDIF
ENDIF

```

For the FY 1995 QC minimodel, the following distribution shows the percentage of households for which each algorithm would be used if all units were simulated to have a change in composition:

No dependent care expenses reported:	96.62%
Dependent care expenses imputed using # of kids under age 15:	3.28%
Dependent care expenses imputed using # of kids age 15-17:	0.01%
Dependent care expenses imputed using # of elderly & disabled:	0.08%
Dependent care expenses imputed to the first FSU in the household:	0.01%

Child support payment expenses. The QC model imputes the child support payment expenses of the original unit to the head of the original unit. The child support deduction is equal to the child support expenses.

```

if (orig_fscsexp > 0 .and. &
    fsun(orig_fsuhead) == iunit) fscspded(iunit) = orig_fscsexp

```

For any reform plan, the child support expenses are assigned to whichever simulated FSP unit contains the head of the original unit. If the head of the original unit does not belong to any of the reform units, then the child support expenses are not used.

8. Select Participants

a. Purpose

After eligibility is determined for an FSU in the household, the model must simulate whether or not the FSU decides to participate. For the QC version of the model, all eligible units are selected to participate. Because every household on the file did in reality participate in the FSP, the all-eligible-units-participate model is reasonable in most cases. If a large reduction in FSP benefits is simulated, the user may want to model some eligible households to decide *not* to participate.

b. Specification

```

DO IUNIT = 1, CTPRHH
    FSPART(IUNIT) = 0
    IF (FSUN(IUNIT) /= IUNIT) CYCLE ! NOT THE FSU HEAD
    IF (FSBEN(IUNIT) > 0) FSPART(IUNIT) = 1 ! ALL ELIGIBLE UNITS PARTICIPATE
END DO

```

SECTION 4
CODEBOOK

VIII. DESCRIPTION OF VARIABLES ON THE QUALITY CONTROL FILE

In this chapter, we describe the variables on the Fiscal Year 1997 QC file. The codebook lists each variable name and provides a description of each variable. Appendix C contains FY 1997 FSP program parameters, Appendix D contains state and region codes, and Appendix E contains the Integrated Review Schedule input form.

A. REPORTED VARIABLES

The "Origin" column in this documentation indicates the source of each particular variable as either reported or constructed. Variables coded "R" are those reported on the Integrated Review Schedule input form (Appendix E) and have been read directly from the IQCS extract, although some editing may have taken place as noted in the variable description.

B. CONSTRUCTED VARIABLES

Variables coded "C" are constructed or recoded variables that are derived from reported variables and program parameters (such as the Thrifty Food Plan and the FSP benefit reduction rate). In some cases, reported variables exist for similar concepts, such as gross and net income. Constructed variables represent the best variables for analytical purposes because inconsistencies have been corrected.

The following variables are used in creating the tables in the "*Characteristics of Food Stamp Households: 1997*" report series and should be used to obtain consistent results:

Unit food stamp benefit amount	--	use FSBEN
Unit size	--	use FSUSIZE
Unit total income	--	use FSGRINC

Unit net income	--	use FSNETINC
Unit earnings deduction	--	use FSERNDDED
Unit poverty percentage	--	use TPOV

C. MISSING VALUES

Missing value codes have been used to indicate various situations as follows:

- . - Blank on source file
- .A - Value out of range
- .B - Coded by QC reviewer as unknown (reviewer coded the field with all 9s)
- .C - Pertains to constructed variables only; means that variable could not be constructed or calculated due to missing data

The above codes are stored in the SAS file to represent missing values. Non-SAS files will have the following codes:

- 1 - Blank on source file
- 2 - Value out of range
- 3 - Coded by QC reviewer as unknown (reviewer coded the field with all 9s)
- 4 - Pertains to constructed variables only; means that variable could not be constructed or calculated due to missing data

D. USING THE DATA FILE

The Fiscal Year 1997 Food Stamp QC database is a SAS file with 48,854 observations from 12 sample months--October 1996 to September 1997 for all states. The user has the flexibility to choose all 12 months, one month, or a set of months to conduct analyses. To conduct analyses for a specific calendar month, the user should select observations sampled in that month by using the year month (YRMONTH) variable. The year month variable is a four digit code with the first two digits indicating the year and the last two digits indicating the month. For example, if the user desires to conduct

analysis based on observations from January 1997, all observations with a YRMONTH code equal to "9701" should be selected. If the user does not specify a subset of observations based on YRMONTH, all months will be included in the analysis.

After the desired observations are selected, the observations must be weighted so that the sample represents the national food stamp caseload. To weight the sample, the user must assign a weight to each observation. The weights, which are based on actual program participation, are computed for each of the 12 independent monthly samples and are stored in the variable HWGT. (For a description of the sampling weight, see section 2). When analyzing one specific calendar month, the user should use the YRMONTH code to select the correct observation and then use HWGT field unaltered. However, if the analysis is based on more than one month, and an average monthly estimate is desired, the user should select the observation and divide the weight by the number of months being analyzed. HWGT should be used for all monthly tabulations and FYWGT for all full-year tabulations.

To use the QC database to obtain information on persons receiving food stamps, rather than unit-level data, the user must array the FSP affiliation code (FSAFIL1-FSAFIL15). When an array member has a value between 10 and 20, that person participated in the FSP.

The Fiscal Year 1997 Food Stamp QC database is used to produce the report entitled "*Characteristics of Food Stamp Households: 1997*" (expected release date is spring 1999). The summary tables which appear in the report are based on the full-year sample--October 1996 through September 1997. To produce these characteristics, we selected all observations for all months and weighted the observations by FYWGT to reflect the national monthly average caseload during the Fiscal Year 1997.

IX. CODEBOOK

This codebook lists and describes each variable in the FY 1997 QC file. The unit-level variables are listed first, followed by the person-level variables. The unit-level variables are divided into the following 6 categories:

- (1) Unit QC review administrative data
- (2) Unit demographics and sample weights
- (3) Unit income
- (4) Unit assets
- (5) Unit expenses and deductions
- (6) Unit benefits

The person-level variables are divided into 2 categories:

- (7) Person-level characteristics
- (8) Person-level income

The categories appear in the order shown above. The variables in each category are listed alphabetically. Two codebooks are presented, both sorted in the exact same order. The first codebook--the quick-reference codebook--lists only the variable name, its origin, and a brief description, while the second codebook--the detailed codebook--lists the variable name, its origin, and a detailed description that includes all the valid values of the variable.

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>	<i>Quick-Reference Codebook</i>
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Unit QC Review Administrative Data

ACTNTYPE	R	Type of action
AUTHREP	R	Authorized representative
CASE	R	Case classification
CERTMTH	R	Months in certification period
EXPEDSER	R	Received expedited service
HHLDNO	C	Household identification number
LASTCERT	C	Months since last certification for food stamps
LOCALCOD	R	Local agency code
PRIOR	R	Received prior assistance
RCNTACTN	R	Most recent action on case
RCNTOPEN	R	Most recent opening/application
REVNUM	R	QC review number
REVTYPE	R	Type of review
SEED	C	Random number between 0 and 1
STATUS	R	Status of case error findings
YRMONTH	R	Sample year and month

Unit Demographics and Sample Weights

CERTHSZ	R	Certified unit size
CTPRHH	C	Number of non-missing persons in household
FSALLPA	C	Pure public assistance unit
FSNABAWD	C	Number of able-bodied adults without dependents in unit
FSNDIS	C	Number of disabled persons in unit
FSNELDER	C	Number of persons ≥ 60 years old in unit
FSNGMOM	C	Single-female headed unit
FSNK0T4	C	Number of preschool-age children (<5 years) in unit
FSNK5T17	C	Number of children (5 to 17 years old) in unit
FSNKID	C	Number of children <18 years old in unit
FSNUMPRA	C	Number of permanent resident aliens in unit
FSUSIZE	C	Constructed certified unit size
FYWGT	C	Weight used for full-year calculations
HWGT	C	Monthly sample weight
RAWHSIZE	R	Reported number of persons in unit
REGION	C	Constructed census region code
REGIONCD	R	FNS region code
STATE	R	FIPS code for state or territory
COUNTYCD	C	FIPS code for county
STRATUM	R	Stratum identification
TPOV	C	Gross income/poverty level ratio
URBRUR	C	Urban/rural indicator

Unit Income (Monthly Dollar Amounts)

FSAFDC	C	Unit AFDC payments
FSCONT	C	Unit income from contributions
FSCSUPRT	C	Unit child support enforcement payments
FSDEEM	C	Unit deemed income
FSEARN	C	Unit earned income
FSEDLOAN	C	Unit educational grants and school loans
FSEITC	C	Unit earned income tax credit
FSGA	C	Unit general assistance
FSGRINC	C	Final unit gross income
FSNETINC	C	Final net income
FSOTHERN	C	Unit other earned income
FSOTHGOV	C	Unit other government benefits
FSOTHUN	C	Unit other unearned income
FSSLFEMP	C	Unit self employment
FSSOCSEC	C	Unit social security income
FSSSI	C	Unit SSI benefits
FSUNEMP	C	Unit unemployment compensation
FSVET	C	Unit veterans' benefits
FSWAGES	C	Unit wage and salary
FSWCOMP	C	Unit workers' compensation
RAWGROSS	R	Reported unit gross income
RAWNET	R	Reported net income

Unit Assets

FSASSET	C	Total countable assets
FSVEHAST	R	Non-excluded vehicles value
LIQRESOR	R	Reported liquid assets
OTHNLRES	R	Reported other nonliquid assets
REALPROP	R	Reported real property

Unit Expenses and Deductions

FSCSEXP	R	Reported child support expense deduction
FSDEPDED	C	Corrected dependent care deduction
FSDEPDE2	C	Marginal effectiveness for dependent care deduction
FSDEPEXP	R	Reported dependent care expenses
FSERNDED	C	Calculated earned income deduction
FSERNDE2	C	Marginal effectiveness for earned income deduction
FSMEDDED	C	Calculated medical deduction
FSMEDDE2	C	Marginal effectiveness for medical deduction
FSMEDEXP	R	Reported medical expenses
FSSLTDED	C	Calculated excess shelter deduction

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>	<i>Quick-Reference Codebook</i>
FSSLTDE2	C	Marginal effectiveness for excess shelter deduction	
FSSLTEXP	R	Reported shelter expenses	
FSSTDDDED	C	Standard deduction	
FSSTDDDE2	C	Marginal effectiveness for standard deduction	
FSTOTDED	C	Total deductions	
FSTOTDE2	C	Marginal effectiveness for total deduction	
RAWERND	R	Reported earned income deduction	
SHELCAP	C	Maximum allowable shelter expense deduction	

Unit Benefits

AMTERR	R	Amount of coupon allotment in error
BENMAX	C	Maximum benefit amount
FSBEN	C	Final calculated benefit
FSMINBEN	C	Received minimum benefit
NETSCRN	C	Net income screen
RAWBEN	R	Reported food stamp benefit received

Person-Level Characteristics

AGE _i	R	Age
CTZ _{Ni}	R	Citizenship status
DIS _i	C	Disabled indicator
EMPRG _i	R	Employment work registration status
EMPST _i	R	Employment status
FSAFIL _i	R	Food stamp case affiliation
FSUN _i	C	Position of head of food stamp unit
RACETH _i	R	Race/ethnicity
REL _i	R	Relationship to head of household
SEX _i	R	Sex
SSIIND _i	C	Supplemental Security Income indicator
YRSED _i	R	Years of education

Person-Level Income (Monthly Dollar Amounts)

AFDC _i	R	AFDC payment
CONT _i	R	Contribution per person
CSUPRT _i	R	Support payments made to child support agency
DEEM _i	R	Deemed income
EDLOAN _i	R	Educational loan income
EITC _i	R	Earned income tax credit
GA _i	R	General assistance benefit level
OTHERN _i	R	Other earned income
OTHGOV _i	R	Other government benefits
OTHUN _i	R	Other unearned income
SLFEMP _i	R	Self employment earnings

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>	<i>Quick-Reference Codebook</i>
SOCSECI	R	Social security income	
SSII	R	Supplemental Security Income	
UNEMPI	R	Unemployment compensation	
VETI	R	Veterans' benefit income	
WAGESI	R	Wages and salaries	
WCOMPi	R	Workers' compensation benefits	

VARIABLE ORIGIN DESCRIPTION

Unit QC Review Administrative Data

ACTNTYPE	R	<p>TYPE OF ACTION: Range = (1, 4) 1=Initial approval or certification 2=Reopened case after discontinuance action (AFDC only) 3=Redetermination or recertification 4=Monthly report (AFDC only)</p>
AUTHREP	R	<p>AUTHORIZED REPRESENTATIVE: Range = (1, 2) 1=Used to make application 2=Not used to make application</p>
CASE	R	<p>CASE CLASSIFICATION: Range = (1, 3) 1=Processed by an Eligibility Worker (EW) in a State or county certification office or by an EW outstationed in a Social Security Administration (SSA) office. 2=Processed by an SSA worker. 3=Part of an authorized demonstration project that has been identified by FNS as having significantly different certification rules.</p>
CERTMTH	R	<p>MONTHS IN CERTIFICATION PERIOD: Range = (0, 91) Months case was certified to participate during the initial certification or recertification.</p>
EXPEDSER	R	<p>RECEIVED EXPEDITED SERVICE: Range = (1, 2) 1=Yes 2=No</p>
HHLDNA	C	<p>HOUSEHOLD IDENTIFICATION NUMBER: Range = (1, 55844) For purposes of file editing and review, this is a unique unit identifier; HHLDNA is the record position of the unit in the unedited IQCS file.</p>
LASTCERT	C	<p>MONTHS SINCE LAST CERTIFICATION FOR FOOD STAMPS Range = (0, 90)</p>
LOCALCOD	R	<p>LOCAL AGENCY CODE:</p>

*Detailed Codebook
Unit QC Review*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
		Range = (0, 953) A code allowing grouping of data by county or county equivalent. May be FIPS code or an alternative classification.
PRIOR	R	RECEIVED PRIOR ASSISTANCE: Range = (1, 2) Received assistance prior to the most recent opening. 1=Yes 2=No
RCNTACTN	R	MOST RECENT ACTION ON CASE: Range = (670730, 970930) Date the case was certified or recertified for participation in the sample month under review. In the form yymmdd.
RCNTOPEN	R	MOST RECENT OPENING/APPLICATION: Range = (640101, 970930) Date of initial certification for current uninterrupted period of participation. In the form yymmdd.
REVNUM	R	STATE QC REVIEW NUMBER: Range = (1, 974072)
REVTYPE	R	TYPE OF REVIEW: Range = (1, 8) 1=AFDC/Food Stamp/Medicaid 2=AFDC/Food Stamp 3=AFDC/Medicaid (None on this file) 4=Food Stamp/Medicaid 5=AFDC only (None on this file) 6=Food Stamp only 7=Medicaid only (None on this file) 8=Adult only
SEED	C	RANDOM NUMBER: Range = (0.00004136, 0.9999919)
STATUS	R	STATUS OF CASE ERROR FINDINGS: Range = (1, 4) 1=Coupon allotment correct 2=Overissuance 3=Underissuance 4=Ineligible

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
YRMONTH	R	<p>SAMPLE YEAR AND MONTH: Range = (9610, 9709) The YRMONTH variable allows the user to select one or more sample months from the full-year file for analyses. The YRMONTH variable is a four digit code; the first two digits indicate the sample year and the last two indicate the month. To select observations from the month of January 1997, for example, YRMONTH should equal "9701".</p>

VARIABLE **ORIGIN** **DESCRIPTION**

Unit Demographics and Sample Weights

CERTHHSZ	R	CERTIFIED UNIT SIZE Range = (1, 30)
CTPRHH	C	NUMBER OF NON-MISSING PERSONS IN HOUSEHOLD: Range = (1, 15) Set equal to the number of persons in the household with any non-missing person-level information.
FSALLPA	C	PURE PUBLIC ASSISTANCE UNIT: Range = (0, 1) 1=Yes 0=No (Public Assistance includes AFDC, GA and SSI, and every member of the food stamp unit must receive some type of public assistance to be considered a pure PA UNIT. Receipt of AFDC is determined using FSAFIL=11 and FSAFDC>0.)
FSNABAWD	C	NUMBER OF ABLE-BODIED ADULTS WITHOUT DEPENDENTS IN UNIT: Range = (0, 4) Calculated as: IF YRMONTH <= 9708 AND (17 < AGE < 50) AND (DIS = 0) AND (EMPRG NE 1) AND (EMPRG NOT IN (2,4,5,6,7,9,10,11,23)) AND (EMPST NOT IN (3,4,5)) AND (411.67 > SUM(WAGE, SELF, OTHERN)) AND (FSNKID = 0) THEN FSNABAWD+1; ELSE IF YRMONTH = 9709 AND (17 < AGE < 50) AND (DIS = 0) AND (EMPRG NE 1) AND (EMPRG NOT IN (2,4,5,6,7,9,10,11,23)) AND (EMPST NOT IN (3,4,5)) AND (446.33 > SUM(WAGE, SELF, OTHERN)) AND (FSNKID = 0) THEN FSNABAWD+1;

Detailed Codebook
Unit Demographics/Weights

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSNDIS	C	<p>DISABLED: NUMBER OF PERSONS IN UNIT THAT MEET THE FOLLOWING CRITERIA: Range = (0, 5) If AGE\geq0 and AGE\leq17 and SSIIND$>$0 or AGE\geq18 and AGE\leq61 and SSIIND$>$0 or AGE\geq18 and AGE\leq61 and SSIIND$\wedge$$>$0 and SOCSEC$>$0 and FSNKID=0 or AGE\geq18 and AGE\leq61 and SSIIND$\wedge$$>$0 and SOCSEC$>$0 and FSNKID$>$0 and EMPRG=1 or AGE\geq18 and AGE\leq61 and SSIIND$\wedge$$>$0 and SOCSEC$\wedge$$>$0 and (VET$>$0 or OTHGOV$>$0) and EMPRG=1 or AGE\geq62 and AGE\leq64 and SSIIND$>$0</p>
FSNELDER	C	<p>NUMBER OF PERSONS AGE\geq60 IN UNIT Range = (0, 2)</p>
FSNGMOM	C	<p>SINGLE-FEMALE HEADED UNIT: Range = (0, 1) 1= Yes (One adult female age 18 to 98 plus one or more children in unit) 0= No</p>
FSNK0T4	C	<p>NUMBER OF PRESCHOOL-AGE CHILDREN (<5 YEARS) IN UNIT Range = (0, 5)</p>
FSNK5T17	C	<p>NUMBER OF CHILDREN (5 TO 17 YEARS OLD) IN UNIT Range = (0, 11)</p>
FSNKID	C	<p>NUMBER OF CHILDREN <18 YEARS OLD IN UNIT Range = (0, 12)</p>
FSNUMPRA	C	<p>NUMBER OF PERMANENT RESIDENT ALIENS IN UNIT: Range = (0, 11) Set equal to the number of people with CTZN code of 4, 15, 16, 17, 18, 79, 119, 129, or 149.</p>
FSUSIZE	C	<p>CONSTRUCTED CERTIFIED UNIT SIZE: Range = (1, 14) Set equal to the number of people in the dwelling with FSAFILi between 10 and 20 (member of food stamp unit under review).</p>

Detailed Codebook
Unit Demographics/Weights

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FYWGT	C	WEIGHT USED FOR FULL-YEAR CALCULATIONS: Range = (18.0648148, 18744.8) Calculated as HWGT/12.
HWGT	C	MONTHLY SAMPLE WEIGHT: Range = (216.78, 224937.57) This field contains sample weights that allow the user to replicate total <i>monthly</i> caseloads as reflected in Food Stamp Program Operations data. If the reference period of analysis is longer than one calendar month, in order to get an average monthly value for that reference period, the weight field must be divided by the number of months being analyzed.
RAWHSIZE	R	REPORTED NUMBER OF PERSONS IN HOUSEHOLD: Range = (1, 16)
REGION	C	CONSTRUCTED CENSUS REGION CODE: Range = (1, 4) 1=Northeast 2=Midwest 3=South 4=West
REGIONCD	R	FNS REGION CODE: Range = (1, 7) 1=Northeast 2=Mid-Atlantic 3=Southeast 4=Midwest 5=Southwest 6=Mountain Plains 7=Western See appendix D for States by region.
STATE	R	FIPS CODE FOR STATE OR TERRITORY: Range = (1, 78) See appendix D for FIPS code list.
COUNTYCD	C	FIPS CODE FOR COUNTY Range = (1, 810)

Detailed Codebook
Unit Demographics/Weights

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
STRATUM	R	STRATUM IDENTIFICATION: Range = (0, 50) Codes for distinct parts of States with stratified samples (see Appendix B). Blank stratum codes have been recoded to zero and STRATUM codes for Texas have been recoded from character to numeric values.
TPOV	C	GROSS INCOME/POVERTY LEVEL RATIO: Range = (0, 395) Calculated as (FSGRINC/NETSCRN)*100, rounded.
URBRUR	C	URBAN/RURAL INDICATOR: Range = (0, 3) 0=Rural 1=Urban 3=Unknown

VARIABLE ORIGIN DESCRIPTION

Unit Income (Monthly Dollar Amounts)

FSAFDC	C	UNIT AFDC PAYMENTS: Range = (0, 3523) Sum of AFDC1 through AFDC15
FSCONT	C	UNIT INCOME FROM CONTRIBUTIONS: Range = (0, 1270) Sum of CONT1 through CONT15
FSCSUPRT	C	UNIT SUPPORT PAYMENTS MADE TO CHILD SUPPORT AGENCY: Range = (0, 1284) Sum of CSUPRT1 through CSUPRT15
FSDEEM	C	UNIT DEEMED INCOME: Range = (0, 1150) Sum of DEEM1 through DEEM15
FSEARN	C	UNIT EARNED INCOME: Range = (0, 3480) Sum of FSWAGES, FSSLFEMP, and FSOTHERN
FSEDLOAN	C	UNIT EDUCATIONAL GRANTS AND SCHOOL LOANS: Range = 0, 1000) Sum of EDLOAN1 through EDLOAN15
FSEITC	C	UNIT EARNED INCOME TAX CREDIT: Range = (0, 569) Sum of EITC1 through EITC15
FSGA	C	UNIT GENERAL ASSISTANCE: Range = (0, 1203) Sum of GA1 through GA15
FSGRINC	C	FINAL GROSS INCOME: Range = (0,4113) Set equal to the reported gross income, or the person-level total gross income depending on which one was determined to be correct. (See chapter IV for a full explanation of how consistency was achieved).

*Detailed Codebook
Unit Income*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSNETINC	C	FINAL NET INCOME: Range = (0, 3766) Total monthly income of unit in dollars, after applying deductions. Calculated as: FSNETINC=MAX(0, FSGRINC-FSTOTDED).
FSOTHERN	C	UNIT OTHER EARNED INCOME: Range = (0, 1510) Sum of OTHERN1 through OTHERN15
FSOTHGOV	C	UNIT OTHER GOVERNMENT BENEFITS: Range = (0, 1267) Sum of OTHGOV1 through OTHGOV15
FSOTHUN	C	UNIT OTHER UNEARNED INCOME: Range = (0, 1401) Sum of OTHUN1 through OTHUN15
FSSLFEMP	C	UNIT SELF EMPLOYMENT: Range = (0, 2875) Sum of SLFEMP1 through SLFEMP15
FSSOCSEC	C	UNIT SOCIAL SECURITY INCOME: Range = (0, 2041) Sum of SOCSEC1 through SOCSEC15
FSSSI	C	UNIT SSI BENEFITS: Range = (0, 2420) Sum of SSI1 through SSI15
FSUNEMP	C	UNIT UNEMPLOYMENT COMPENSATION: Range = (0, 1505) Sum of UNEMP1 through UNEMP15
FSVET	C	UNIT VETERANS' BENEFITS: Range = (0, 1951) Sum of VET1 through VET15
FSWAGES	C	UNIT WAGE AND SALARY: Range = (0, 3480) Sum of WAGES1 through WAGES15

*Detailed Codebook
Unit Income*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSWCOMP	C	UNIT WORKERS' COMPENSATION: Range = (0, 1618) Sum of WCOMP1 through WCOMP15
RAWGROSS	R	REPORTED GROSS INCOME: Range = (0, 9915) Reported total monthly income of unit in dollars, before applying deductions.
RAWNET	R	REPORTED NET INCOME: Range = (0,8950) Reported net income of unit in dollars.

Detailed Codebook
Unit Assets

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
Unit Assets		
FSASSET	C	TOTAL COUNTABLE ASSETS: Range = (-7, 6504) Sum of LIQRESOR, FSVEHAST, OTHNLRES and REALPROP; if any one of these contain a missing value, FSASSET will be missing.
LIQRESOR	R	REPORTED LIQUID ASSETS Range = (-7, 4372)
FSVEHAST	R	NON-EXCLUDED VEHICLES VALUE Range = (0, 6350)
OTHNLRES	R	REPORTED OTHER NONLIQUID ASSETS Range = (0, 2800)
REALPROP	R	REPORTED REAL PROPERTY: Range = (0, 2500) Does not include home.

VARIABLE **ORIGIN** **DESCRIPTION**

Units Expenses and Deductions

FSCSEXP	R	<p>REPORTED CHILD SUPPORT EXPENSE DEDUCTION: Range = (0, 455) This variable is new for 1996 and allows those paying child support to deduct the amount before the food stamp benefit amount is calculated.</p>
FSDEPDED	C	<p>CORRECTED DEPENDENT CARE DEDUCTION: Range = (0, 907) Calculated as: $FSDEPDED = \text{MIN}(FSDEPEXP, (200 * NK0T1) + (175 * NK2T17))$ if $FSNKID > 0$, $FSDEPDED = \text{MIN}(FSDEPEXP, 175)$ if $FSNKID = 0$, where $FSDEPEXP$ is dependent care expense, and $NK0T1$ is the number of children AGE 0 to 1 and $NK2T17$ is the number of children AGE 2 to 17.</p>
FSDEPDE2	C	<p>MARGINAL EFFECTIVENESS FOR DEPENDENT CARE DEDUCTION: Range = (0, 907) Calculated as: $\text{MAX}(0, FSGRINC - FSSLT3 - FSERNDED - FSMEDDED - FSSTDDED - FSCSEXP) - FSNETINC$, where $FSSLT3$ is the standard shelter deduction less $FSDPEDED$.</p>
FSDEPEXP	R	<p>REPORTED DEPENDENT CARE EXPENSES Range = (0, 907)</p>
FSERNDED	C	<p>CALCULATED EARNED INCOME DEDUCTION: Range = (0, 696) Calculated as: $FSERNDED = .20 * FSEARN$, rounded to nearest integer.</p>
FSERNDE2	C	<p>MARGINAL EFFECTIVENESS FOR EARNED INCOME DEDUCTION: Range = (0, 696) Calculated as: $\text{MAX}(0, FSGRINC - FSSLT2 - FSDEPDED - FSMEDDED - FSSTDDED - FSCSEXP) - FSNETINC$, where $FSSLT2$ is the standard shelter deduction less $FSDERNED$.</p>

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSMEDDED	C	<p>CALCULATED MEDICAL DEDUCTION: Range = (0,963) For units with elderly or disabled members only, the deduction equals expenses over \$35. Calculated as: $FSMEDDED = \text{MAX}(0, FSMEDEXP - 35)$.</p>
FSMEDDE2	C	<p>MARGINAL EFFECTIVENESS FOR MEDICAL CARE DEDUCTION: Range = (0, 1281) Calculated as: $\text{MAX}(0, FSGRINC - FSSLT4 - FSDEPDED - FSERNDED - FSSTDDED - FSCSEXP) - FSNETINC$, where FSSLT4 is the standard shelter deduction less FSMEDDED.</p>
FSMEDEXP	R	<p>REPORTED MEDICAL EXPENSES Range = (0, 998)</p>
FSSLTDED	C	<p>CALCULATED EXCESS SHELTER DEDUCTION: Range = (0, 815) Calculated as: $FSSLTDED = \text{XCOST}$, if elderly or disabled, else $FSSLTDED = \text{MIN}(\text{XCOST}, \text{SHEL CAP})$ where $\text{XCOST} = \text{MAX}(0, FSSLTEXP - \text{HALFNET})$, $\text{HALFNET} = \text{MAX}(0, (FSGRINC - FSSTDDED - FSERNDED - FSDEPDED - FSMEDDED) / 2)$, SHEL CAP is the shelter limit (see appendix C), and the final value of FSSLTDED is rounded to the nearest integer.</p>
FSSLTDE2	C	<p>MARGINAL EFFECTIVENESS FOR SHELTER CARE DEDUCTION: Range = (0, 660) Calculated as: $\text{MAX}(0, FSGRINC - FSDEPDED - FSERNDED - FSMEDDED - FSSTDDED - FSCSEXP) - FSNETINC$.</p>
FSSLTEXP	R	<p>REPORTED SHELTER EXPENSES Range = (0, 998)</p>
FSSTDDED	C	<p>STANDARD DEDUCTION: Range = (118, 269) The standard deduction varies by region. See appendix C for schedule.</p>

*Detailed Codebook
Unit Benefits*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSSTDDE2	C	MARGINAL EFFECTIVENESS FOR STANDARD CARE DEDUCTION: Range = (0, 404) Calculated as: MAX(0,FSGRINC-FSSLT1-FSERNDED-FSMEDDED-FSDEPDED-FSCSEXP)-FSNETINC, where FSSLT1 is the standard shelter deduction less FSSTDDED.
FSTOTDED	C	TOTAL DEDUCTIONS: Range = (118, 1798) Sum of FSSTDDED, FSERNDED, FSDEPDED, FSSLTDED and FSMEDDED
FSTOTDE2	C	MARGINAL EFFECTIVENESS FOR TOTAL DEDUCTION: Range = (0, 1503) Calculated as: FSGRINC-FSNETINC
RAWERND	R	REPORTED EARNED INCOME DEDUCTION Range = (0, 956) (See FSERNDED for final earned income deduction value)
SHELCAP	C	MAXIMUM ALLOWABLE SHELTER EXPENSE DEDUCTION: Range = (182, 434) See appendix C for values.
Unit Benefits		
AMTERR	R	AMOUNT OF COUPON ALLOTMENT IN ERROR: Range = (0, 1013) Dollar amount of coupon issuance error for errors of \$6 or more.
BENMAX	C	MAXIMUM BENEFIT AMOUNT: Range = (120, 1780) The maximum possible coupon allotment for a unit, which varies by unit size and region. See Appendix C for schedule.
FSBEN	C	FINAL CALCULATED BENEFIT: Range = (1, 1405) Calculated as: FSBEN=MAX(10, BENMAX-ROUND(.3*FSNETINC)) if FSUSIZE is 2 or less, else FSBEN=MAX0, BENMAX-ROUND(.3*FSNETINC))

*Detailed Codebook
Unit Benefits*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSMINBEN	C	RECEIVED MINIMUM BENEFIT: Range = (0, 1) 1=Yes (FSBEN=10 and FSUSIZE=1 or 2) 0=No
NETSCRN	C	NET INCOME SCREEN: Range = (645, 3488) Food Stamp Program eligibility limit determined by unit size. See appendix C for schedule.
RAWBEN	R	REPORTED FOOD STAMP BENEFIT RECEIVED: Range = (0, 1404) Reported amount of food stamps that the unit was certified to receive during the sample month. (See FSBEN for final value).

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
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Person-Level Characteristics

AGE1 to	R	AGE: Range = (0, 98)
AGE15	R	Person 1 through Person 15 0=Age less than 1 year 1-97=Age in years 98=Age 98 years or more
CTZN1 to	R	CITIZENSHIP STATUS: Range = (1, 189)
CTZN15		Person 1 through Person 15 1=Born in this State 2=Born in US, but not this State 3=Naturalized citizen 4=Immigrant accorded permanent resident status 5=Alien accorded refugee status 6=Alien granted political asylum 7=Nonimmigrant admitted for a specified period 10=Alien granted a stay of deportation 11=Mexican citizen with 'border' card 12=Undocumented alien (illegal) 13=Not a US citizen but exact status unknown 14=Permanently residing in US under color of law 15=Lawful temporary resident under the legalization provisions of the Immigration Reform and Control Act (IRCA) 16=Lawful permanent resident under the legalization provisions of IRCA 17=Lawful temporary resident under the Special Agricultural Worker (SAW) provision of IRCA 18=Lawful permanent resident under the SAW provisions of IRCA

Under 1997 FSP regulations, persons of citizenship type 7, 11, 12, and 14 are *always* ineligible for the FSP. Nevertheless, some persons with these citizenship types appear in the FSP unit. Such persons will have a '9' appended to their CTZN code (that is, their codes are 79, 119, 129, or 149).

Persons of citizenship type 4-6, 10, 15-18 are eligible for the FSP and should be either included or excluded from the FSP unit according to standard FSP unit definition regulations. Nevertheless, some persons with these citizenship types appear to be treated as ineligible for the FSP--that is, they are excluded from the FSP *and* deem income back to the FSP unit. Such persons will have a '9' appended to their CTZN code (that is, their codes are 49, 59, 69, 109, 159, 169, 179, 189).

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
DIS1 to DIS15	C	<p>DISABLED INDICATOR: Range = (0, 1) Person 1 through 15</p> <p>0=Not disabled 1=Disabled</p> <p>Disabled calculated as: IF AGE\geq0 and AGE\leq17 and SSIIND$>$0 or AGE\geq18 and AGE\leq61 and SSIIND$>$0 or AGE\geq18 and AGE\leq61 and SSIIND$\wedge$$>$0 and SOCSEC$>$0 and FSNKID=0 or AGE$\geq$18 and AGE$\leq$61 and SSIIND$\wedge$$>$0 and SOCSEC$>$0 and FSNKID$>$0 and EMPRG=1 or AGE$\geq$18 and AGE$\leq$61 and SSIIND$\wedge$$>$0 and SOCSEC$>$0 and (VET$>$0 or OTHGOV$>$0) and EMPRG=1 or AGE$\geq$62 and AGE$\leq$64 and SSIIND$>$0</p>
EMPRG1 to EMPRG15	R	<p>EMPLOYMENT WORK REGISTRATION STATUS: Range = (1, 49) Person 1 through Person 15</p> <p>Exempt from Work Registration (1 to 12): 1=Physically or mentally unfit 2=Pregnant 3=Under or over required age 4=Needed in home to care for an ill or incapacitated person 5=Relative or other caretaker of a dependent child 6=Meeting student eligibility requirements 7=Employed at least 30 hours per week or receiving weekly earnings at least equal to the Federal minimum hourly wage times 30 8=Program not offered in area (remote) 9=Receiving or applied for unemployment compensation 10=Subject to and complying with work requirements under other programs 11=Participating in a drug addiction or alcohol treatment program 12=Other (including person(s) disqualified for failure to comply with work registration requirements)</p>

VARIABLE

ORIGIN

DESCRIPTION

EMPRGi
continued

Required to register for work but not participating (15 - 16):
15=Required to register for JOBS, but not participating
16=Registered for work under the Food Stamp Program, but not participating in an employment and training program

Participating in JOBS or Food Stamp Employment and Training Program (20-29):

- 20=Job search training
- 21=Job search
- 22=Combined job search/work experience program
- 23=CWEP or other work experience program
- 24=Work supplementation, grant diversion or OJT
- 25=Education leading to a high school degree including GED programs and GED preparation
- 26=Post-secondary education leading to a degree or certificate
- 27=Remedial education including adult education programs other than GED preparation
- 28=Vocational training, including JTPA
- 29=Other

Volunteers in an employment and training program (persons exempt because they are caretakers) (30 - 39):

- 30=Job search training
- 31=Job search
- 32=Combined job search/work experience program
- 33=CWEP or other work experience program
- 34=Work supplementation, grant diversion or OJT
- 35=Education leading to a high school degree including GED programs and GED preparation
- 36=Post-secondary education leading to a degree or certificate
- 37=Remedial education including adult education programs other than GED preparation
- 38=Vocational training, including JTPA
- 39=Other

Volunteers in an employment and training program (persons exempt for reasons other than being a caretaker) (40-49):

- 40=Job search training
- 41=Job search
- 42=Combined job search/work experience program
- 43=CWEP or other work experience program
- 44=Work supplementation, grant diversion or OJT
- 45=Education leading to a high school degree including GED programs and GED preparation

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
EMPRGi <i>continued</i>		46=Post-secondary education leading to a degree or certificate 47=Remedial education including adult education programs other than GED preparation 48=Vocational training, including JTPA 49=Other
EMPST1 to EMPST15	R	EMPLOYMENT STATUS: Range = (1, 34) Person 1 through Person 15 Employed (1 - 13): 1=9 hours or less/week 2=10-19 hours/week 3=20-29 hours/week 4=30-39 hours/week 5=Full-time - 40 hours or more 6=hours unspecified 10=Active duty military service 11=Migrant farm labor 12=Primarily self-employed, farming 13=Primarily self-employed, nonfarming Not employed (20-22): 20=Participating in an employment and training program 21=Participating in self-initiated education or training activity 22=Not participating in an education or training activity Unemployed (30-34): 30=Awaiting recall from layoff 31=On strike 32=One year or less 33=More than 1 year 34=Other

Detailed Codebook
Person-Level Characteristics

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
FSAFIL1 to FSAFIL15	R	<p>FOOD STAMP CASE AFFILIATION: Range = (11, 36) Person 1 through Person 15</p> <p>Indicates Food Stamp Program participation, review status of the Food Stamp Program participant's case, and AFDC and Medicaid participation.</p> <p>FSAFIL is a two digit code. The first digit indicates: 1=Member of Food Stamp case under review 2=Member of Food Stamp case not under review 3=Member does not receive food stamps</p> <p>The second digit indicates that the member is a recipient of: 1=AFDC 2=AFDC eligible but not receiving a dollar payment 3=Medicaid 4=Adult assistance in the Territories 5=Other 6=SSI</p>
FSUN1 to FSUN15	C	<p>POSITION OF HEAD OF FOOD STAMP UNIT Range = (0, 11) Person 1 through Person 15</p> <p>Set equal to the index position of the head of the food stamp unit. The head is defined as the first person in the unit with REL=1 or 2; if no one in the unit has REL=1 or 2, the head is defined as the first person in the food stamp unit.</p> <p>FSUN_i is the same for all persons in the unit. For example, if the unit head is the second person in the household, FSUN_i will be equal to 2 for all persons in the unit.</p>
RACETH1 to RACETH15	R	<p>RACE/ETHNICITY Range = (1, 5) Person 1 through Person 15</p> <p>1=White, not of Hispanic origin 2=African-American, not of Hispanic origin 3=Hispanic 4=Asian or Pacific Islander 5=American Indian or Alaskan Native</p>

Detailed Codebook
Person-Level Characteristics

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
REL1 to REL15	R	<p>RELATIONSHIP TO HEAD OF HOUSEHOLD: Range = (1, 20) Person 1 through Person 15</p> <p>1=Head of household (not a teen parent) 2=Head of household (and a teen parent) 3=Spouse (not a teen parent) 4=Spouse (and a teen parent) 5=Parent</p> <p>Other household members, not a teen parent (6-14) 6=Daughter or son 7=Stepdaughter or stepson 10=Grandchild or great grandchild 11=Other related person 12=Foster child 13=Unrelated child 14=Unrelated adult</p> <p>Other household members, a teen parent (15-20) 15=Daughter or son 16=Stepdaughter or stepson 17=Grandchild or great-grandchild 18=Other related person 19=Foster child 20=Unrelated child</p>
SEX1 to SEX15	R	<p>SEX: Range = (1, 2) Person 1 through Person 15</p> <p>1=Male 2=Female</p>

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
SSIIND1 to SSIIND15	C	SUPPLEMENTAL SECURITY INCOME INDICATOR: Range = (0, 1) Person 1 through Person 15 0=Not an SSI recipient 1=SSI recipient In order to better identify SSI recipients the algorithm below was developed:

```
DO i = 1 TO CTPRHH;  
SSIIND(i)=0;
```

```
IF 10<AFIL(i)<20 THEN DO;
```

```
****IDENTIFY THOSE WITH SSI INCOME AND AFIL=16, AS WELL AS ANY OTHERS  
IN HOUSEHOLD****;
```

```
IF SSI(i)>0 AND AFIL(i)=16 THEN DO;  
  SSIIND(i)=1;  
  DO j=1 TO CTPRHH;  
    IF (AFIL(j) IN (16)) AND SSI(j)<=0 THEN SSIIND(j) = 1 ;  
  END;  
END;
```

```
****IDENTIFY THOSE WITH SSI INCOME, BUT AFIL NE 16, THEN LOOP  
THOROUGH HH TO FIND OTHERS WHO MAY BE INTENDED SSI RECIPIENT;  
ELSE IF SSI(i)>0 AND (AFIL(i) NE 16) THEN DO j=1 TO CTPRHH;  
  IF SSI(j)<=0  
    AND (AFIL(j) IN (16, 26, 36)  
    OR (AFIL(j) NE 16 AND (DIS(j)=1 OR EMPRG(j)=1)))  
  THEN DO;  
    SSIIND(j) = 1 ;  
    SSIIND(i) = 2 ;  
  END;  
END;
```

```
****ASSUME ANYONE ELSE WITH SSI INCOME SHOULD HAVE SSI INCOME;  
IF SSI(i)>0 AND (AFIL(i) NE 16) AND SSIIND(i)=0 THEN SSIIND(i)=1;
```

```
****FIND PEOPLE WITH SSI=0 AND AFIL = 16 THAT HAVE NOT BEEN RECODED  
ALREADY;  
IF SSI(i) = 0 AND AFIL(i)=16 AND SSIIND(i)=0 THEN DO;
```

VARIABLE ORIGIN DESCRIPTION

****EXCLUDE THOSE HOUSEHOLDS IN WHICH TOO MANY PEOPLE APPEAR TO BE AFIL=16 (I.E. THERE IS A CODING PROBLEM);

NAFIL16=0;

DO j = 1 TO CTPRHH;

IF SSI(j) = 0 AND AFIL(j)=16 AND EMPRG(j) NE 1 THEN NAFIL16+1;

END;

IF NAFIL16>3 THEN SSIIND(i)= 2;

****IDENTIFY THOSE THAT SHOULD RECEIVE SSI****;

ELSE IF EMPRG(i) = 1 OR AGE(i) >= 65 OR 0<=AGE(i)<18 THEN SSIIND(i)=1;

ELSE SSIIND(i) = 2;

END;

END;

END;

DO i = 1 TO CTPRHH;

IF SSIIND(i) = 2 THEN SSIIND(i) = 0;

END;

YRSED1 to	R	YEARS OF EDUCATION: Range = (0, 8)
YRSED15		Person 1 through Person 15

0=None

1=Grades 1-5

2=Grades 6-8

3=Grades 9-10

4=Grade 11

5=High school graduate or GED

6=Some college, but less than 2 years

7=2-3 years of college, including graduate of 2 year college

8=College graduate or post-graduate study

Person-Level Income (Monthly Dollar Amounts)

AFDC1 to	R	AFDC PAYMENT: ¹ Range = (0, 3523)
----------	---	---

AFDC15	R	Person 1 through Person 15
--------	---	----------------------------

Assigned to payee or principal person of assistance group.

*Detailed Codebook
Person-Level Income*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
CONT1 to CONT15	R	CONTRIBUTION PER PERSON: ¹ Range = (0, 1270) Person 1 through Person 15
CSUPRT1 to CSUPRT15	R	SUPPORT PAYMENTS MADE TO CHILD SUPPORT AGENCY: ¹ Range = (0, 1284) Person 1 through person 15
DEEM1 to DEEM15	R	DEEMED INCOME: ¹ Range = (0, 1150) Person 1 through Person 15 Income deemed from sponsor of an alien member of the unit.
EDLOAN1 to EDLOAN15	R	EDUCATIONAL LOAN INCOME: ¹ Range = (0, 1235) Person 1 through Person 15 Educational assistance.
EITC1 to EITC15	R	EARNED INCOME TAX CREDIT: Range = (0, 569) Person 1 through Person 15 Earned income tax credit budgeted for the month.
GA1 to GA15	R	GENERAL ASSISTANCE BENEFIT LEVEL: Range = 0, 1127) Person 1 through Person 15
OTHERN1 to OTHERN15	R	OTHER EARNED INCOME: ¹ Range = (0, 1510) Person 1 through Person 15 Includes wages, salaries, tips, or commissions.

Detailed Codebook
Person-Level Income

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
OTHGOV1 to OTHGOV15	R	OTHER GOVERNMENT BENEFITS: ¹ Range = (0, 1417) Person 1 through Person 15 Includes Black Lung Benefits, Railroad Retirement payments, payments to farmers from the Agricultural Stabilization and Conservation Service and other such agencies, JOBS and Job Training Partnership Act.
OTHUN1 to OTHUN15	R	OTHER UNEARNED INCOME: ¹ Range = (0, 1401) Person 1 through Person 15 Includes alimony, foster care payments, dividends and interest payments, rental income, pension and union benefits.
SLFEMP1 to SLFEMP15	R	SELF EMPLOYMENT EARNINGS: ¹ Range = (0, 2875) Person 1 through Person 15 Includes the gross income from any self-employment enterprise including the total gain from any sale of capital goods related to the business less the costs of doing business.
SOCSEC1 to SOCSEC15	R	SOCIAL SECURITY INCOME: ¹ Range = (0, 2041) Person 1 through Person 15
SSI1 to SSI15	R	SUPPLEMENTAL SECURITY INCOME: ¹ Range = (0, 1992) Person 1 through Person 15
UNEMP1 to UNEMP15	R	UNEMPLOYMENT COMPENSATION: ¹ Range = (0, 1505) Person 1 through Person 15
VET1 to VET15	R	VETERANS' BENEFIT INCOME: ¹ Range = (0, 1407) Person 1 through Person 15
WAGES1 to WAGES15	R	WAGES AND SALARIES: ¹ Range = (0, 3480) Person 1 through Person 15

*Detailed Codebook
Person-Level Income*

<u>VARIABLE</u>	<u>ORIGIN</u>	<u>DESCRIPTION</u>
WCOMP1 to WCOMP15	R	WORKERS' COMPENSATION BENEFITS: ¹ Range = (0, 1618) Person 1 through Person 15

¹May have been edited to obtain consistency between final gross income (FSGRINC) and person-level income amounts.

APPENDIX A

AUTOMATED EDITS TO FSP UNITS

APPENDIX A

AUTOMATED EDITS TO FSP UNITS

Inconsistencies in the way that alien data are reported in the IQCS and the way that they are subsequently edited in the creation of the QC database makes reform simulations involving aliens difficult and relatively inaccurate. In 1995 we identified and edited inconsistent cases manually to address these problems. However, since manually editing the QC database is both time consuming and prone to error, we developed a set of algorithms to identify and correct these problems automatically during the recode program. This appendix describes what the algorithm looked for and what corrections were made. Additionally, the fiscal year 1997 QC file development process expanded these edits to deal with non-alien inconsistencies.

1. INCONSISTENT CODING OF CITIZENSHIP STATUS CODES

Problem: The citizenship status variable (CTZN) is often coded incorrectly for those people in the FSP unit. Persons with CTZN codes of 7, 11, 12, and 14 are not eligible for the FSP and thus should never be in an FSP unit.

Solution: People in the FSP unit with CTZN codes of 7, 11, 12 or 14 had CTZN changed to 79, 119, 129, or 149 respectively.

2. INCONSISTENT REPORTING OF DEEMED AFDC INCOME

Problem: Some persons outside the FSP unit deem AFDC income to people in the FSP unit but this income is not accounted for correctly within the FSP unit.

Solution: First, we identified households in which, (1) total person level income in the FSP unit is less than the units reported gross income; and (2) the discrepancies between person and unit level income appears to be caused by a person outside the FSP unit

who is deeming AFDC income. Once we identify these cases, the AFDC income of the first person inside the FSP unit without AFDC income is adjusted to reflect the amount deemed from outside the FSP unit. Additionally, those aliens outside the FSP unit who are found to deem AFDC income and who have CTZN codes of 4, 5, 6, 10, 15, 16, 17, or 18 had their CTZN codes changed to 49, 59, 69, 109, 159, 169, 179, or 189, respectively.

3. INCONSISTENT REPORTING OF DEEMED EARNED INCOME

Problem: Some persons outside the FSP unit deem earned income to people in the FSP unit but this income is not accounted for correctly within the FSP unit.

Solution: First, we identified households in which, (1) total person level income in the FSP unit is less than the units reported gross income; and (2) the discrepancies between person and unit level income appears to be caused by a person outside the FSP unit who is deeming earned income. Once we identify these cases, the WAGE income of the first person inside the FSP unit without WAGE income is adjusted to reflect the amount deemed from outside the FSP unit. Those aliens outside the FSP unit who are found to deem WAGE income and who have CTZN codes of 4, 5, 6, 10, 15, 16, 17, or 18 had their CTZN codes changed to 49, 59, 69, 109, 159, 169, 179, or 189, respectively. Additionally, aliens deeming earned income had their earned income adjusted by the ratio of $((\# \text{ of persons in the FSP unit}) + (\text{total } \# \text{ of persons in the household})) / (\# \text{ of persons in the FSP unit})$.

4. CODING ALGORITHM

The code below is the SAS code used in the recode program to identify and correct the three problems above.

```
*** set up temporary variables ***;
INSUM1=0; ** Sum of all income of FS persons with age=>0 and age<18 **;
INSUM2=0; ** Sum of all income of FS persons any other age **;

OUTSUM1=0; ** Sum of all income of persons afil 30-39 **;
DEEMGET=0; ** Indicator for age=>0 and age<18 **;
GETPOS=0; ** Position of first person age=>0 and age<18 **;

DEEMPUTA=0; ** Indicator for Alien Parent outside FS Unit with AFDC>0 **;
PUTAPOS=0; ** Position of first person with above criteria **;
AFDCDEEM=0; ** Indicator for AFDC deemer **;

DEEMPUTW=0; ** Indicator for Alien Parent outside FS Unit with WAGES>0 **;
PUTWPOS=0; ** Position of first person with above criteria **;
WAGEDEEM=0; ** Indicator for WAGES deemer **;

OUTCOUNT=0; ** Count of persons afil 30-39 and rel 1-4,6,7 **;

INSUM=0; ** Sum of all income of ALL FS persons **;
POTDEEM=0; ** Indicator of potential income deemer **;

CTZNDEMA=0; ** Indicator for NON Alien Parent outside FS Unit with AFDC>0 **;
CPUTAPOS=0; ** Position of first person with above criteria **;
CAFDCDEM=0; ** Indicator for NON ALIEN AFDC deemer **;
CTZNDEMW=0; ** Indicator for NON Alien Parent outside FS Unit with WAGES>0 **;
CPUTWPOS=0; ** Position of first person with above criteria **;
CWAGEDEM=0; ** Indicator for NON ALIEN WAGES deemer **;
CTZNTYPE=0; ** 1=WAGE deem, 2=SLFEMP deem, 3=OTHERN deem **;

*** Need to identify deemed cases of AFDC & WAGES ***;
DO I=1 TO HHS;

  IF 10<AFIL(I)<19 THEN DO;

    DEEMGET=1;
    IF GETPOS=0 THEN GETPOS=I;
      INSUM=SUM(INSUM,WAGES(I),SLFEMP(I),OTHERN(I),
                AFDC(I), CONT(I),DEEM(I),OTHGOV(I),
                SSI(I),OTHUN(I),SOCSEC(I),EDLOAN(I),
                GA(I),UNEMP(I),VET(I),WCOMP(I),CSUPRT(I));

  END;

  ELSE IF 30<AFIL(I)<39 THEN DO;

    **** Add up number of people outside FS Unit afil 30-39 ****;
```

OUTCOUNT=OUTCOUNT+1;

OUTSUM1=SUM(OUTSUM1,WAGES(I),SLFEMP(I),OTHERN(I),
AFDC(I),CONT(I),DEEM(I),OTHGOV(I),
SSI(I),OTHUN(I),SOCSEC(I),EDLOAN(I),
GA(I),UNEMP(I),VET(I),WCOMP(I),CSUPRT(I));

IF (CTZN(I) >= 4 AND AFDC(I)>0) THEN DO;
DEEMPUTA=1;
IF PUTAPOS=0 THEN PUTAPOS=I;
END;

IF (CTZN(I) >= 4 AND (WAGES(I)>0 OR SLFEMP(I)>0 OR OTHERN(I)>0)) THEN DO;
DEEMPUTW=1;
IF PUTWPOS=0 THEN PUTWPOS=I;
END;

IF (CTZN(I) IN(1,2,3) AND 0<AFDC(I)=GROSSINC-INSUM) THEN DO;
CTZNDEMA=1;
IF CPUTAPOS=0 THEN CPUTAPOS=I;
END;

IF (CTZN(I) IN(1,2,3) AND 0<SUM(WAGES(I),SLFEMP(I),OTHERN(I))=GROSSINC-INSUM) AND
CTZNDEMA=0 THEN DO;
CTZNDEMW=1;
IF CPUTWPOS=0 THEN DO;
CPUTWPOS=I;
IF WAGES(I)=GROSSINC-INSUM THEN CTZNNTYPE=1;
ELSE IF SLFEMP(I)=GROSSINC-INSUM THEN CTZNNTYPE=2;
ELSE IF OTHERN(I)=GROSSINC-INSUM THEN CTZNNTYPE=3;
END;
END;

END;

END;

*** Did deem AFDC ? ***;
IF DEEMGET=1 AND DEEMPUTA=1 AND
0<(GROSSINC-INSUM)<=OUTSUM1 THEN AFDCDEEM=1;

*** Did deem WAGES ? ***;
IF DEEMGET=1 AND DEEMPUTW=1 AND
0<(GROSSINC-INSUM)<=OUTSUM1 THEN WAGEDEEM=1;

*** Potential Deeming Household ? ***;
IF POTDEEM=1 AND WAGEDEEM=0 AND AFDCDEEM=0 THEN POTDEEM=2;
IF POTDEEM=2 AND (INSUM NE GROSSINC) THEN POTDEEM=3;

***** If judged to deem AFDC then adjust AFDC of FS person *****;

```

IF AFDCDEEM=1 THEN DO;
  PUT "AFDC of deeme before = " AFDC(GETPOS);
  OLDAFDC=AFDC(GETPOS);
  IF (GROSSINC-INSUM)<=AFDC(PUTAPOS) THEN DO;
    AFDCMETH=1;
    AFDC(GETPOS)=AFDC(GETPOS)+GROSSINC-INSUM;
  END;
  ELSE IF (GROSSINC-INSUM)>AFDC(PUTAPOS) THEN DO;
    AFDCMETH=2;
    AFDC(GETPOS)=AFDC(GETPOS)+AFDC(PUTAPOS);
  END;
  PUT "AFDC deem method = " AFDCMETH;

  IF CTZN(PUTAPOS)=4 THEN CTZN(PUTAPOS)=49;
  ELSE IF CTZN(PUTAPOS)=5 THEN CTZN(PUTAPOS)=59;
  ELSE IF CTZN(PUTAPOS)=6 THEN CTZN(PUTAPOS)=69;
  ELSE IF CTZN(PUTAPOS)=10 THEN CTZN(PUTAPOS)=109;
  ELSE IF CTZN(PUTAPOS)=15 THEN CTZN(PUTAPOS)=159;
  ELSE IF CTZN(PUTAPOS)=16 THEN CTZN(PUTAPOS)=169;
  ELSE IF CTZN(PUTAPOS)=17 THEN CTZN(PUTAPOS)=179;
  ELSE IF CTZN(PUTAPOS)=18 THEN CTZN(PUTAPOS)=189;

  PUT "AFDC of deeme after = " AFDC(GETPOS);
  NEWAFDC=AFDC(GETPOS);
END;

**** If judged to deem WAGES then adjust WAGES of FS person ****;
IF WAGEDDEEM=1 AND AFDCDEEM=0 THEN DO;
  PUT "Wages of deeme before = " WAGES(GETPOS);
  OLDWAGES=WAGES(GETPOS);
  IF (GROSSINC-INSUM)<=SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS)) THEN
DO;
  WAGEMETH=1;
  WAGES(GETPOS)=WAGES(GETPOS)+GROSSINC-INSUM;
  END;
  ELSE IF (GROSSINC-INSUM)>SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS))
THEN DO;
  WAGEMETH=2;

WAGES(GETPOS)=WAGES(GETPOS)+SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS));
  END;
  PUT "WAGES deem method = " WAGEMETH;

  IF CTZN(PUTWPOS)=4 THEN CTZN(PUTWPOS)=49;
  ELSE IF CTZN(PUTWPOS)=5 THEN CTZN(PUTWPOS)=59;
  ELSE IF CTZN(PUTWPOS)=6 THEN CTZN(PUTWPOS)=69;
  ELSE IF CTZN(PUTWPOS)=10 THEN CTZN(PUTWPOS)=109;
  ELSE IF CTZN(PUTWPOS)=15 THEN CTZN(PUTWPOS)=159;
  ELSE IF CTZN(PUTWPOS)=16 THEN CTZN(PUTWPOS)=169;
  ELSE IF CTZN(PUTWPOS)=17 THEN CTZN(PUTWPOS)=179;
  ELSE IF CTZN(PUTWPOS)=18 THEN CTZN(PUTWPOS)=189;

  PUT "WAGES of deeme after = " WAGES(GETPOS);
  NEWWAGES=WAGES(GETPOS);
END;

```

***** If judged to deem both then adjust WAGES, since AFDC done above *****;

```
IF WAGEDDEEM=1 AND AFDCDEEM=1 THEN DO;
  PUT "WAGES of deeme before = " WAGES(GETPOS);
  OLDWAGES=WAGES(GETPOS);
```

I F

```
GROSSINC-AFDC(GETPOS)-INSUM<=SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS))
THEN DO;
```

```
  WAGEMETH=1;
  WAGES(GETPOS)=WAGES(GETPOS)+GROSSINC-AFDC(GETPOS)-INSUM;
  END;
```

E L S E I F

```
GROSSINC-AFDC(GETPOS)-INSUM>SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS))
THEN DO;
```

```
  WAGEMETH=2;
```

```
WAGES(GETPOS)=WAGES(GETPOS)+SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS));
  END;
```

```
  PUT "WAGES deem method = " WAGEMETH;
```

```
  IF CTZN(PUTWPOS)=4 THEN CTZN(PUTWPOS)=49;
  ELSE IF CTZN(PUTWPOS)=5 THEN CTZN(PUTWPOS)=59;
  ELSE IF CTZN(PUTWPOS)=6 THEN CTZN(PUTWPOS)=69;
  ELSE IF CTZN(PUTWPOS)=10 THEN CTZN(PUTWPOS)=109;
  ELSE IF CTZN(PUTWPOS)=15 THEN CTZN(PUTWPOS)=159;
  ELSE IF CTZN(PUTWPOS)=16 THEN CTZN(PUTWPOS)=169;
  ELSE IF CTZN(PUTWPOS)=17 THEN CTZN(PUTWPOS)=179;
  ELSE IF CTZN(PUTWPOS)=18 THEN CTZN(PUTWPOS)=189;
```

```
  PUT "WAGES of deeme after = " WAGES(GETPOS);
  NEWWAGES=WAGES(GETPOS);
```

```
END;
```

***** If judged to deem WAGES, may adjust outside person *****;

```
IF WAGEDDEEM=1 THEN DO;
```

```
  IF WAGES(GETPOS)=SUM(WAGES(PUTWPOS),SLFEMP(PUTWPOS),OTHERN(PUTWPOS)) THEN DO;
  WAGES(PUTWPOS)=WAGES(PUTWPOS)*((FSUSIZE+OUTCOUNT)/FSUSIZE);
  SLFEMP(PUTWPOS)=SLFEMP(PUTWPOS)*((FSUSIZE+OUTCOUNT)/FSUSIZE);
  OTHERN(PUTWPOS)=OTHERN(PUTWPOS)*((FSUSIZE+OUTCOUNT)/FSUSIZE);
  END;
```

```
END;
```

** Need to adjust CTZN code for those person ineligible for FS **;

```
DO I=1 TO HHS;
```

```
  IF 10<AFIL(I)<19 THEN DO;
```

```
    IF CTZN(I) IN (7,11,12,14) THEN CTZN(I)=(CTZN(I)*10)+9;
```

```
  END;
```

```
END;
```

**** NEED TO LOOK AT NON-ALIEN DEEMING ****;

```
  *** Did deem AFDC ? ***;
```

```
  IF DEEMGET=1 AND CTZNDEMA=1 AND AFDCDEEM=0 THEN CAFDCDEM=1;
```

```
  *** Did deem WAGES ? ***;
```

```
  IF DEEMGET=1 AND CTZNDEMW=1 THEN CWAGEDDEM=1;
```


***** If judged to deem AFDC then adjust AFDC of FS person *****;

IF CAFDCDEM=1 THEN DO;

PUT "AFDC of deeme before = " AFDC(GETPOS);

OLDAFDC=AFDC(GETPOS);

AFDC(GETPOS)=AFDC(GETPOS)+GROSSINC-INSUM;

PUT "AFDC of deeme after = " AFDC(GETPOS);

NEWAFDC=AFDC(GETPOS);

END;

***** If judged to deem WAGES then adjust WAGES of FS person *****;

IF CWAGEDEM=1 THEN DO;

PUT "Wages of deeme before = " WAGES(GETPOS);

OLDWAGES=WAGES(GETPOS);

WAGES(GETPOS)=WAGES(GETPOS)+GROSSINC-INSUM;

PUT "WAGES of deeme after = " WAGES(GETPOS);

NEWWAGES=WAGES(GETPOS);

END;

APPENDIX B

DERIVATION OF WEIGHTS BY STATE AND MONTH

CALCULATED WEIGHTED COUNTS BY STATE AND MONTH

	October	November	December	January	February	March	April	May	June	July	August	September	FY Average
State	1996	1996	1996	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
Alabama	201,523	198,803	196,953	194,956	192,274	186,093	181,159	178,508	176,585	175,889	174,662	173,946	185,946
Alaska	15,978	16,070	7,086	16,611	17,029	17,213	17,199	16,681	15,975	15,114	14,636	14,621	15,351
Arizona	152,060	147,383	143,938	139,471	136,216	133,643	129,307	127,167	125,721	123,650	122,335	119,306	133,350
Arkansas	109,497	108,638	109,398	110,156	107,793	106,658	104,481	102,703	102,180	101,527	100,941	101,246	105,435
California	1,116,727	1,103,778	1,088,387	1,081,453	1,079,263	1,062,560	1,049,513	1,026,560	1,026,518	991,831	978,325	938,201	1,045,260
Colorado	97,341	95,961	95,709	94,404	94,485	94,551	90,276	88,452	86,924	85,536	85,041	82,462	90,929
Connecticut	97,428	96,226	95,628	95,083	95,425	92,729	91,387	92,349	92,143	92,250	94,584	94,705	94,161
Delaware	21,326	21,421	21,437	20,698	20,825	20,234	19,448	19,106	18,873	18,595	18,288	18,214	19,872
District of Columbia	42,918	41,883	42,164	41,862	41,525	39,567	39,212	39,204	39,096	39,347	38,908	39,188	40,406
Florida	580,577	565,529	559,435	542,741	528,167	513,919	497,669	488,501	484,615	479,630	474,271	450,356	513,784
Georgia	313,885	309,518	305,913	300,581	292,825	282,848	273,678	269,659	267,243	264,166	264,520	264,870	284,142
Hawaii	59,603	59,280	59,093	58,074	57,893	57,497	56,396	55,349	54,530	54,128	53,947	54,373	56,680
Idaho	28,596	28,034	28,818	28,408	28,464	28,529	27,571	26,916	25,853	25,163	24,628	19,554	26,711
Illinois	455,057	441,000	451,767	445,877	438,263	441,865	431,564	426,811	424,741	416,353	418,579	415,318	433,933
Indiana	145,452	142,835	142,775	142,851	142,493	142,712	141,140	138,833	137,196	136,511	135,506	135,664	140,331
Iowa	70,664	70,442	70,053	69,191	70,053	68,146	67,343	65,629	64,392	62,670	62,605	61,898	66,924
Kansas	67,791	67,508	66,768	65,845	67,001	65,818	64,644	62,713	60,564	58,712	58,657	57,268	63,607
Kentucky	181,215	179,266	178,911	179,994	177,291	177,499	172,752	169,995	168,434	166,607	165,346	164,880	173,516
Louisiana	243,250	236,015	233,935	227,102	219,761	217,031	213,550	210,511	211,797	210,335	207,100	204,173	219,547
Maine	59,302	59,496	60,030	60,399	60,793	59,849	59,057	58,496	57,464	56,097	55,470	54,938	58,449
Maryland	159,002	156,667	157,152	156,097	153,578	152,609	150,910	150,121	148,474	147,483	146,595	144,231	151,910
Massachusetts	159,526	157,949	155,454	154,337	153,632	153,352	149,999	149,928	141,002	144,726	136,419	133,038	149,114
Michigan	389,109	389,083	384,647	379,526	381,003	371,156	365,446	358,103	352,306	343,238	344,010	339,340	366,414
Minnesota	117,912	116,347	114,986	113,837	113,970	111,867	110,699	109,721	107,206	104,993	103,936	99,260	110,395
Mississippi	169,214	168,085	166,290	162,096	159,965	156,236	154,286	151,479	148,548	144,009	143,717	141,663	155,466
Missouri	221,720	218,203	218,521	214,220	207,921	201,552	193,589	189,419	185,931	182,656	181,126	178,101	199,413
Montana	26,941	27,107	27,390	27,720	27,802	27,256	27,106	26,687	26,279	25,908	25,691	25,113	26,750
Nebraska	41,765	41,212	41,256	41,307	41,187	41,187	40,461	40,048	39,911	40,066	39,583	39,243	40,602
Nevada	43,810	42,924	42,540	41,840	40,779	38,514	36,959	35,769	35,038	34,921	34,291	34,210	38,466
New Hampshire	21,828	21,541	21,504	21,575	21,435	21,347	21,007	20,605	20,185	19,761	19,400	19,109	20,775
New Jersey	224,857	221,259	220,554	217,550	216,073	216,035	212,061	210,025	208,240	204,615	202,512	195,342	212,427
New Mexico	83,957	81,995	82,066	79,661	78,231	77,629	74,579	71,698	69,674	68,118	66,472	65,561	74,970
New York	957,290	948,063	929,330	918,966	910,432	906,899	901,338	897,644	887,355	869,902	866,015	795,190	899,035
North Carolina	265,953	261,807	259,979	258,980	256,188	256,188	243,843	239,834	238,327	236,726	246,602	233,516	249,829
North Dakota	15,724	15,600	15,766	15,676	16,038	15,849	17,797	15,994	15,355	14,755	14,103	14,047	15,559
Ohio	422,520	410,119	411,181	408,198	398,869	397,915	384,798	373,538	370,696	367,306	359,647	359,713	388,708
Oklahoma	138,817	136,684	136,941	134,689	133,616	128,008	125,147	122,807	122,580	122,220	122,685	146,487	130,890
Oregon	129,574	128,163	127,783	128,614	128,108	124,527	120,938	117,973	114,022	112,532	110,320	109,668	121,019
Pennsylvania	462,452	459,794	455,353	449,404	449,868	442,838	441,762	435,170	429,017	417,404	418,343	420,597	440,167
Rhode Island	34,680	43,057	41,520	35,175	37,148	38,007	34,987	38,835	34,906	33,917	36,693	34,787	36,976
South Carolina	142,317	141,388	141,803	141,716	139,783	138,494	136,816	139,635	139,720	139,234	138,380	137,861	139,762
South Dakota	18,023	18,360	18,234	18,172	18,515	18,010	18,214	17,896	17,304	16,725	16,935	16,816	17,767
Tennessee	269,822	268,052	265,589	264,787	258,836	254,502	247,805	242,921	242,769	240,778	238,038	238,474	252,698
Texas	830,530	819,079	806,846	798,910	775,319	763,186	738,425	723,424	708,120	695,754	686,943	666,590	751,094
Utah	39,696	39,297	39,107	38,873	38,221	38,173	38,991	36,617	35,705	35,494	35,263	36,065	37,625
Vermont	25,370	25,401	25,255	25,400	25,509	25,108	25,065	24,707	24,365	23,923	23,710	23,135	24,746
Virginia	227,016	225,152	221,370	220,377	218,692	208,950	200,454	196,653	192,780	188,829	186,559	184,284	205,926
Washington	209,142	216,739	216,135	219,122	215,848	213,848	198,881	191,960	186,174	182,122	163,801	163,801	198,131
West Virginia	119,092	118,647	119,945	118,909	118,871	118,773	118,060	116,098	115,863	114,057	113,298	113,929	117,129
Wisconsin	94,853	94,843	91,702	91,118	90,621	88,278	87,362	85,519	83,980	81,191	79,853	79,016	87,361
Wyoming	11,921	11,718	11,807	11,831	12,673	11,165	10,937	10,716	10,529	10,266	9,949	9,790	11,109
Guam	5,853	5,814	5,844	5,802	5,673	5,682	5,503	5,470	5,487	5,462	5,471	5,245	5,609
Virgin Islands	7,075	6,935	6,822	6,441	6,586	6,296	6,109	6,016	5,919	5,903	5,815	5,822	6,312
United States	10,147,551	10,026,170	9,938,870	9,836,683	9,718,829	9,578,397	9,367,680	9,217,173	9,104,611	8,949,105	8,870,524	8,674,225	9,452,485

MONTH: October
 YEAR: 1996

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. d=c/(sum c)	FSP HHs In State (Prg Ops Data) e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	96	203,136	1.0000	201,523	201,523	90	2,239
Alabama	1	2	1,766	0	0	0.0000	201,523	0	0	0
Alaska	2	31	553	30	16,590	1.0000	15,978	15,978	25	639
Alaska	2	32	261	0	0	0.0000	15,978	0	0	0
Arizona	4	1	1,285	118	151,630	1.0000	152,060	152,060	99	1,536
Arizona	4	2	1,111	0	0	0.0000	152,060	0	0	0
Arkansas	5	0	1	113	113	1.0000	109,497	109,497	106	1,033
California	6	1	11,570	35	404,950	0.3372	1,116,727	376,533	29	12,984
California	6	2	7,999	77	615,923	0.5128	1,116,727	572,702	64	8,948
California	6	3	90,066	2	180,132	0.1500	1,116,727	167,492	1	167,492
California	6	11	9,189	0	0	0.0000	1,116,727	0	0	0
California	6	12	5,230	0	0	0.0000	1,116,727	0	0	0
Colorado	8	1	1,000	97	97,000	1.0000	97,341	97,341	86	1,132
Colorado	8	2	647	0	0	0.0000	97,341	0	0	0
Connecticut	9	0	1	99	99	1.0000	97,428	97,428	88	1,107
Delaware	10	0	1	43	43	1.0000	21,326	21,326	39	547
District of Columbia	11	0	1	70	70	1.0000	42,918	42,918	61	704
Florida	12	1	5,531	113	625,003	1.0000	580,577	580,577	88	6,597
Florida	12	2	4,025	0	0	0.0000	580,577	0	0	0
Georgia	13	1	3,185	102	324,870	1.0000	313,885	313,885	91	3,449
Georgia	13	2	2,889	0	0	0.0000	313,885	0	0	0
Hawaii	15	0	1	89	89	1.0000	59,603	59,603	81	736
Idaho	16	0	1	63	63	1.0000	28,596	28,596	59	485
Illinois	17	21	2,459	80	196,720	0.3947	455,057	179,620	74	2,427
Illinois	17	22	2,245	0	0	0.0000	455,057	0	0	0
Illinois	17	41	5,201	58	301,658	0.6053	455,057	275,437	51	5,401
Illinois	17	42	4,603	0	0	0.0000	455,057	0	0	0
Indiana	18	0	1	97	97	1.0000	145,452	145,452	84	1,732
Iowa	19	0	1	112	112	1.0000	70,664	70,664	103	686
Kansas	20	1	627	103	64,581	1.0000	67,791	67,791	100	678
Kansas	20	2	541	0	0	0.0000	67,791	0	0	0
Kentucky	21	1	1,451	133	192,983	1.0000	181,215	181,215	109	1,663
Kentucky	21	2	1,255	0	0	0.0000	181,215	0	0	0
Louisiana	22	40	2,929	114	333,906	1.0000	243,250	243,250	81	3,003
Louisiana	22	50	1,650	0	0	0.0000	243,250	0	0	0
Maine	23	0	1	85	85	1.0000	59,302	59,302	71	835
Maryland	24	0	1	103	103	1.0000	159,002	159,002	80	1,988
Massachusetts	25	0	1	101	101	1.0000	159,526	159,526	94	1,697
Michigan	26	1	5,891	37	217,967	0.5924	389,109	230,497	34	6,779
Michigan	26	20	1,415	106	149,990	0.4076	389,109	158,612	97	1,635
Minnesota	27	0	1	94	94	1.0000	117,912	117,912	86	1,371
Mississippi	28	1	1,735	97	168,295	1.0000	169,214	169,214	84	2,014
Mississippi	28	2	1,425	0	0	0.0000	169,214	0	0	0
Missouri	29	1	2,028	109	221,052	1.0000	221,720	221,720	98	2,262
Missouri	29	2	1,773	0	0	0.0000	221,720	0	0	0
Missouri	29	3	1,485	0	0	0.0000	221,720	0	0	0
Montana	30	0	1	47	47	1.0000	26,941	26,941	38	709
Nebraska	31	0	1	78	78	1.0000	41,765	41,765	71	588
Nevada	32	0	1	67	67	1.0000	43,810	43,810	51	859
New Hampshire	33	0	1	39	39	1.0000	21,828	21,828	39	560
New Jersey	34	0	1	133	133	1.0000	224,857	224,857	112	2,008
New Mexico	35	11	745	114	84,930	1.0000	83,957	83,957	101	831
New Mexico	35	20	701	0	0	0.0000	83,957	0	0	0
New Mexico	35	21	675	0	0	0.0000	83,957	0	0	0

MONTH: October
 YEAR: 1996

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. d=c/(sum c)	FSP HHs In State (Prg Ops Data) e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	83,957	0	0	0
New Mexico	35	23	669	0	0	0.0000	83,957	0	0	0
New Mexico	35	24	632	0	0	0.0000	83,957	0	0	0
New Mexico	35	25	607	0	0	0.0000	83,957	0	0	0
New Mexico	35	26	590	0	0	0.0000	83,957	0	0	0
New Mexico	35	27	577	0	0	0.0000	83,957	0	0	0
New Mexico	35	28	563	0	0	0.0000	83,957	0	0	0
New Mexico	35	29	560	0	0	0.0000	83,957	0	0	0
New York	36	0	1	90	90	1.0000	957,290	957,290	72	13,296
North Carolina	37	0	1	101	101	1.0000	265,953	265,953	89	2,988
North Dakota	38	0	1	29	29	1.0000	15,724	15,724	27	582
Ohio	39	0	1	106	106	1.0000	422,520	422,520	95	4,448
Oklahoma	40	0	1	116	116	1.0000	138,817	138,817	105	1,322
Oregon	41	40	1,473	92	135,516	1.0000	129,574	129,574	73	1,775
Oregon	41	41	887	0	0	0.0000	129,574	0	0	0
Pennsylvania	42	0	1	105	105	1.0000	462,452	462,452	96	4,817
Rhode Island	44	0	1	68	68	1.0000	34,680	34,680	56	619
South Carolina	45	0	1	109	109	1.0000	142,317	142,317	96	1,482
South Dakota	46	0	1	32	32	1.0000	18,023	18,023	30	601
Tennessee	47	1	3,044	88	267,872	1.0000	269,822	269,822	79	3,415
Tennessee	47	2	2,291	0	0	0.0000	269,822	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	830,530	30,711	5	6,142
Texas	48	2	6,197	6	37,182	0.0482	830,530	39,999	6	6,666
Texas	48	3	5,563	19	105,697	0.1369	830,530	113,705	16	7,107
Texas	48	4	5,380	6	32,280	0.0418	830,530	34,726	6	5,788
Texas	48	5	5,324	6	31,944	0.0414	830,530	34,364	5	6,873
Texas	48	6	4,898	24	117,552	0.1523	830,530	126,458	21	6,022
Texas	48	7	8,026	7	56,182	0.0728	830,530	60,438	6	10,073
Texas	48	8	6,663	13	86,619	0.1122	830,530	93,181	13	7,168
Texas	48	9	7,878	7	55,146	0.0714	830,530	59,324	7	8,475
Texas	48	10	9,308	15	139,620	0.1808	830,530	150,198	13	11,554
Texas	48	11	13,545	6	81,270	0.1053	830,530	87,427	6	14,571
Utah	49	0	1	75	75	1.0000	39,696	39,696	68	584
Vermont	50	0	1	41	41	1.0000	25,370	25,370	38	668
Virginia	51	0	1	100	100	1.0000	227,016	227,016	86	2,640
Washington	53	1	1,907	107	204,049	1.0000	209,142	209,142	87	2,404
Washington	53	2	1,618	0	0	0.0000	209,142	0	0	0
West Virginia	54	0	1,274	65	82,810	0.7217	119,092	85,946	53	1,622
West Virginia	54	20	499	64	31,936	0.2783	119,092	33,146	54	614
Wisconsin	55	4	761	36	27,396	0.2934	94,853	27,829	34	819
Wisconsin	55	6	761	37	28,157	0.3015	94,853	28,602	34	841
Wisconsin	55	21	394	96	37,824	0.4051	94,853	38,422	45	854
Wyoming	56	1	329	24	7,896	0.6738	11,921	8,033	24	335
Wyoming	56	2	294	13	3,822	0.3262	11,921	3,888	11	353
Guam	66	0	1	28	28	1.0000	5,853	5,853	27	217
Virgin Islands	78	0	1	27	27	1.0000	7,075	7,075	27	262

MONTH: November
 YEAR: 1996

State	Unedited IQCS Data						Edited QC Database Data				
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g	
Alabama	1	1	2,116	95	201,020	1.0000	198,803	198,803	87	2,285	
Alabama	1	2	1,766	0	0	0.0000	198,803	0	0	0	
Alaska	2	31	553	30	16,590	1.0000	16,070	16,070	25	643	
Alaska	2	32	261	0	0	0.0000	16,070	0	0	0	
Arizona	4	1	1,285	115	147,775	1.0000	147,383	147,383	98	1,504	
Arizona	4	2	1,111	0	0	0.0000	147,383	0	0	0	
Arkansas	5	0	1	111	111	1.0000	108,638	108,638	104	1,045	
California	6	1	11,570	35	404,950	0.4030	1,103,778	444,806	29	15,338	
California	6	2	7,999	75	599,925	0.5970	1,103,778	658,972	65	10,138	
California	6	3	90,066	0	0	0.0000	1,103,778	0	0	0	
California	6	11	9,189	0	0	0.0000	1,103,778	0	0	0	
California	6	12	5,230	0	0	0.0000	1,103,778	0	0	0	
Colorado	8	1	1,000	94	94,000	1.0000	95,961	95,961	85	1,129	
Colorado	8	2	647	0	0	0.0000	95,961	0	0	0	
Connecticut	9	0	1	94	94	1.0000	96,226	96,226	80	1,203	
Delaware	10	0	1	42	42	1.0000	21,421	21,421	37	579	
District of Columbia	11	0	1	69	69	1.0000	41,883	41,883	59	710	
Florida	12	1	5,531	110	608,410	1.0000	565,529	565,529	100	5,655	
Florida	12	2	4,025	0	0	0.0000	565,529	0	0	0	
Georgia	13	1	3,185	98	312,130	1.0000	309,518	309,518	91	3,401	
Georgia	13	2	2,889	0	0	0.0000	309,518	0	0	0	
Hawaii	15	0	1	89	89	1.0000	59,280	59,280	80	741	
Idaho	16	0	1	64	64	1.0000	28,034	28,034	59	475	
Illinois	17	21	2,459	64	157,376	0.3468	441,000	152,926	58	2,637	
Illinois	17	22	2,245	0	0	0.0000	441,000	0	0	0	
Illinois	17	41	5,201	57	296,457	0.6532	441,000	288,074	52	5,540	
Illinois	17	42	4,603	0	0	0.0000	441,000	0	0	0	
Indiana	18	0	1	96	96	1.0000	142,835	142,835	86	1,661	
Iowa	19	0	1	113	113	1.0000	70,442	70,442	96	734	
Kansas	20	1	627	104	65,208	1.0000	67,508	67,508	94	718	
Kansas	20	2	541	0	0	0.0000	67,508	0	0	0	
Kentucky	21	1	1,451	132	191,532	1.0000	179,266	179,266	119	1,506	
Kentucky	21	2	1,255	0	0	0.0000	179,266	0	0	0	
Louisiana	22	40	2,929	88	257,752	1.0000	236,015	236,015	83	2,844	
Louisiana	22	50	1,650	0	0	0.0000	236,015	0	0	0	
Maine	23	0	1	85	85	1.0000	59,496	59,496	71	838	
Maryland	24	0	1	101	101	1.0000	156,667	156,667	88	1,780	
Massachusetts	25	0	1	96	96	1.0000	157,949	157,949	82	1,926	
Michigan	26	1	5,891	37	217,967	0.5924	389,083	230,481	35	6,585	
Michigan	26	20	1,415	106	149,990	0.4076	389,083	158,602	99	1,602	
Minnesota	27	0	1	93	93	1.0000	116,347	116,347	84	1,385	
Mississippi	28	1	1,735	96	166,560	1.0000	168,085	168,085	85	1,977	
Mississippi	28	2	1,425	0	0	0.0000	168,085	0	0	0	
Missouri	29	1	2,028	107	216,996	1.0000	218,203	218,203	99	2,204	
Missouri	29	2	1,773	0	0	0.0000	218,203	0	0	0	
Missouri	29	3	1,485	0	0	0.0000	218,203	0	0	0	
Montana	30	0	1	46	46	1.0000	27,107	27,107	41	661	
Nebraska	31	0	1	78	78	1.0000	41,212	41,212	70	589	
Nevada	32	0	1	65	65	1.0000	42,924	42,924	54	795	
New Hampshire	33	0	1	39	39	1.0000	21,541	21,541	36	598	
New Jersey	34	0	1	129	129	1.0000	221,259	221,259	105	2,107	
New Mexico	35	11	745	112	83,440	1.0000	81,995	81,995	102	804	
New Mexico	35	20	701	0	0	0.0000	81,995	0	0	0	
New Mexico	35	21	675	0	0	0.0000	81,995	0	0	0	

MONTH: November
 YEAR: 1996

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	81,995	0	0	0
New Mexico	35	23	669	0	0	0.0000	81,995	0	0	0
New Mexico	35	24	632	0	0	0.0000	81,995	0	0	0
New Mexico	35	25	607	0	0	0.0000	81,995	0	0	0
New Mexico	35	26	590	0	0	0.0000	81,995	0	0	0
New Mexico	35	27	577	0	0	0.0000	81,995	0	0	0
New Mexico	35	28	563	0	0	0.0000	81,995	0	0	0
New Mexico	35	29	560	0	0	0.0000	81,995	0	0	0
New York	36	0	1	88	88	1.0000	948,063	948,063	74	12,812
North Carolina	37	0	1	100	100	1.0000	261,807	261,807	94	2,785
North Dakota	38	0	1	28	28	1.0000	15,600	15,600	27	578
Ohio	39	0	1	104	104	1.0000	410,119	410,119	88	4,660
Oklahoma	40	0	1	113	113	1.0000	136,684	136,684	100	1,367
Oregon	41	40	1,473	90	132,570	1.0000	128,163	128,163	79	1,622
Oregon	41	41	887	0	0	0.0000	128,163	0	0	0
Pennsylvania	42	0	1	106	106	1.0000	459,794	459,794	100	4,598
Rhode Island	44	0	1	69	69	1.0000	43,057	43,057	65	662
South Carolina	45	0	1	109	109	1.0000	141,388	141,388	96	1,473
South Dakota	46	0	1	33	33	1.0000	18,360	18,360	29	633
Tennessee	47	1	3,044	88	267,872	1.0000	268,052	268,052	79	3,393
Tennessee	47	2	2,291	0	0	0.0000	268,052	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	819,079	30,287	6	5,048
Texas	48	2	6,197	6	37,182	0.0482	819,079	39,447	6	6,575
Texas	48	3	5,563	19	105,697	0.1369	819,079	112,137	16	7,009
Texas	48	4	5,380	6	32,280	0.0418	819,079	34,247	6	5,708
Texas	48	5	5,324	6	31,944	0.0414	819,079	33,890	6	5,648
Texas	48	6	4,898	24	117,552	0.1523	819,079	124,714	22	5,669
Texas	48	7	8,026	7	56,182	0.0728	819,079	59,605	7	8,515
Texas	48	8	6,663	13	86,619	0.1122	819,079	91,897	9	10,211
Texas	48	9	7,878	7	55,146	0.0714	819,079	58,506	7	8,358
Texas	48	10	9,308	15	139,620	0.1808	819,079	148,127	15	9,875
Texas	48	11	13,545	6	81,270	0.1053	819,079	86,222	6	14,370
Utah	49	0	1	77	77	1.0000	39,297	39,297	76	517
Vermont	50	0	1	41	41	1.0000	25,401	25,401	36	706
Virginia	51	0	1	100	100	1.0000	225,152	225,152	86	2,618
Washington	53	1	1,907	108	205,956	1.0000	216,739	216,739	85	2,550
Washington	53	2	1,618	0	0	0.0000	216,739	0	0	0
West Virginia	54	0	1,274	67	85,358	0.7501	118,647	88,993	59	1,508
West Virginia	54	20	499	57	28,443	0.2499	118,647	29,654	51	581
Wisconsin	55	4	761	35	26,635	0.2840	94,843	26,939	35	770
Wisconsin	55	6	761	38	28,918	0.3084	94,843	29,249	36	812
Wisconsin	55	21	394	97	38,218	0.4076	94,843	38,655	47	822
Wyoming	56	1	329	24	7,896	0.6738	11,718	7,896	22	359
Wyoming	56	2	294	13	3,822	0.3262	11,718	3,822	13	294
Guam	66	0	1	27	27	1.0000	5,814	5,814	24	242
Virgin Islands	78	0	1	27	27	1.0000	6,935	6,935	24	289

MONTH: December
 YEAR: 1996

State	Unedited IQCS Data						Edited QC Database Data				
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g	
Alabama	1	1	2,116	95	201,020	1.0000	196,953	196,953	94	2,095	
Alabama	1	2	1,766	0	0	0.0000	196,953	0	0	0	
Alaska	2	31	553	15	8,295	1.0000	7,086	7,086	13	545	
Alaska	2	32	261	0	0	0.0000	7,086	0	0	0	
Arizona	4	1	1,285	112	143,920	1.0000	143,938	143,938	98	1,469	
Arizona	4	2	1,111	0	0	0.0000	143,938	0	0	0	
Arkansas	5	0	1	112	112	1.0000	109,398	109,398	108	1,013	
California	6	1	11,570	33	381,810	0.3286	1,088,387	357,663	26	13,756	
California	6	2	7,999	75	599,925	0.5163	1,088,387	561,984	62	9,064	
California	6	3	90,066	2	180,132	0.1550	1,088,387	168,740	2	84,370	
California	6	11	9,189	0	0	0.0000	1,088,387	0	0	0	
California	6	12	5,230	0	0	0.0000	1,088,387	0	0	0	
Colorado	8	1	1,000	95	95,000	1.0000	95,709	95,709	88	1,088	
Colorado	8	2	647	0	0	0.0000	95,709	0	0	0	
Connecticut	9	0	1	97	97	1.0000	95,628	95,628	90	1,063	
Delaware	10	0	1	43	43	1.0000	21,437	21,437	36	595	
District of Columbia	11	0	1	69	69	1.0000	42,164	42,164	59	715	
Florida	12	1	5,531	106	586,286	1.0000	559,435	559,435	90	6,216	
Florida	12	2	4,025	0	0	0.0000	559,435	0	0	0	
Georgia	13	1	3,185	100	318,500	1.0000	305,913	305,913	86	3,557	
Georgia	13	2	2,889	0	0	0.0000	305,913	0	0	0	
Hawaii	15	0	1	88	88	1.0000	59,093	59,093	83	712	
Idaho	16	0	1	65	65	1.0000	28,818	28,818	57	506	
Illinois	17	21	2,459	75	184,425	0.3794	451,767	171,405	69	2,484	
Illinois	17	22	2,245	0	0	0.0000	451,767	0	0	0	
Illinois	17	41	5,201	58	301,658	0.6206	451,767	280,362	50	5,607	
Illinois	17	42	4,603	0	0	0.0000	451,767	0	0	0	
Indiana	18	0	1	98	98	1.0000	142,775	142,775	88	1,622	
Iowa	19	0	1	111	111	1.0000	70,053	70,053	95	737	
Kansas	20	1	627	105	65,835	1.0000	66,768	66,768	102	655	
Kansas	20	2	541	0	0	0.0000	66,768	0	0	0	
Kentucky	21	1	1,451	132	191,532	1.0000	178,911	178,911	117	1,529	
Kentucky	21	2	1,255	0	0	0.0000	178,911	0	0	0	
Louisiana	22	40	2,929	87	254,823	1.0000	233,935	233,935	81	2,888	
Louisiana	22	50	1,650	0	0	0.0000	233,935	0	0	0	
Maine	23	0	1	85	85	1.0000	60,030	60,030	75	800	
Maryland	24	0	1	102	102	1.0000	157,152	157,152	89	1,766	
Massachusetts	25	0	1	93	93	1.0000	155,454	155,454	70	2,221	
Michigan	26	1	5,891	39	229,749	0.6142	384,647	236,240	37	6,385	
Michigan	26	20	1,415	102	144,330	0.3858	384,647	148,407	93	1,596	
Minnesota	27	0	1	92	92	1.0000	114,986	114,986	82	1,402	
Mississippi	28	1	1,735	94	163,090	1.0000	166,290	166,290	86	1,934	
Mississippi	28	2	1,425	0	0	0.0000	166,290	0	0	0	
Missouri	29	1	2,028	106	214,968	1.0000	218,521	218,521	100	2,185	
Missouri	29	2	1,773	0	0	0.0000	218,521	0	0	0	
Missouri	29	3	1,485	0	0	0.0000	218,521	0	0	0	
Montana	30	0	1	47	47	1.0000	27,390	27,390	43	637	
Nebraska	31	0	1	78	78	1.0000	41,256	41,256	66	625	
Nevada	32	0	1	65	65	1.0000	42,540	42,540	51	834	
New Hampshire	33	0	1	39	39	1.0000	21,504	21,504	33	652	
New Jersey	34	0	1	129	129	1.0000	220,554	220,554	106	2,081	
New Mexico	35	11	745	0	0	0.0000	82,066	0	0	0	
New Mexico	35	20	701	117	82,017	1.0000	82,066	82,066	98	837	
New Mexico	35	21	675	0	0	0.0000	82,066	0	0	0	

MONTH: December
 YEAR: 1996

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	82,066	0	0	0
New Mexico	35	23	669	0	0	0.0000	82,066	0	0	0
New Mexico	35	24	632	0	0	0.0000	82,066	0	0	0
New Mexico	35	25	607	0	0	0.0000	82,066	0	0	0
New Mexico	35	26	590	0	0	0.0000	82,066	0	0	0
New Mexico	35	27	577	0	0	0.0000	82,066	0	0	0
New Mexico	35	28	563	0	0	0.0000	82,066	0	0	0
New Mexico	35	29	560	0	0	0.0000	82,066	0	0	0
New York	36	0	1	88	88	1.0000	929,330	929,330	79	11,764
North Carolina	37	0	1	98	98	1.0000	259,979	259,979	84	3,095
North Dakota	38	0	1	25	25	1.0000	15,766	15,766	24	657
Ohio	39	0	1	103	103	1.0000	411,181	411,181	91	4,518
Oklahoma	40	0	1	112	112	1.0000	136,941	136,941	100	1,369
Oregon	41	40	1,473	90	132,570	1.0000	127,783	127,783	75	1,704
Oregon	41	41	887	0	0	0.0000	127,783	0	0	0
Pennsylvania	42	0	1	104	104	1.0000	455,353	455,353	96	4,743
Rhode Island	44	0	1	68	68	1.0000	41,520	41,520	60	692
South Carolina	45	0	1	109	109	1.0000	141,803	141,803	93	1,525
South Dakota	46	0	1	33	33	1.0000	18,234	18,234	30	608
Tennessee	47	1	3,044	87	264,828	1.0000	265,589	265,589	78	3,405
Tennessee	47	2	2,291	0	0	0.0000	265,589	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	806,846	29,835	5	5,967
Texas	48	2	6,197	6	37,182	0.0482	806,846	38,858	6	6,476
Texas	48	3	5,563	19	105,697	0.1369	806,846	110,462	14	7,890
Texas	48	4	5,380	6	32,280	0.0418	806,846	33,735	6	5,623
Texas	48	5	5,324	6	31,944	0.0414	806,846	33,384	6	5,564
Texas	48	6	4,898	24	117,552	0.1523	806,846	122,852	21	5,850
Texas	48	7	8,026	7	56,182	0.0728	806,846	58,715	7	8,388
Texas	48	8	6,663	13	86,619	0.1122	806,846	90,524	13	6,963
Texas	48	9	7,878	7	55,146	0.0714	806,846	57,632	7	8,233
Texas	48	10	9,308	15	139,620	0.1808	806,846	145,915	13	11,224
Texas	48	11	13,545	6	81,270	0.1053	806,846	84,934	6	14,156
Utah	49	0	1	74	74	1.0000	39,107	39,107	68	575
Vermont	50	0	1	41	41	1.0000	25,255	25,255	40	631
Virginia	51	0	1	100	100	1.0000	221,370	221,370	88	2,516
Washington	53	1	1,907	110	209,770	1.0000	216,135	216,135	91	2,375
Washington	53	2	1,618	0	0	0.0000	216,135	0	0	0
West Virginia	54	0	1,274	68	86,632	0.7528	119,945	90,298	57	1,584
West Virginia	54	20	499	57	28,443	0.2472	119,945	29,647	49	605
Wisconsin	55	4	761	35	26,635	0.2914	91,702	26,721	34	786
Wisconsin	55	6	761	38	28,918	0.3164	91,702	29,011	35	829
Wisconsin	55	21	394	91	35,854	0.3922	91,702	35,970	44	817
Wyoming	56	1	329	24	7,896	0.6738	11,807	7,956	23	346
Wyoming	56	2	294	13	3,822	0.3262	11,807	3,851	13	296
Guam	66	0	1	27	27	1.0000	5,844	5,844	26	225
Virgin Islands	78	0	1	27	27	1.0000	6,822	6,822	27	253

MONTH: January
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	92	194,672	1.0000	194,956	194,956	88	2,215
Alabama	1	2	1,766	0	0	0.0000	194,956	0	0	0
Alaska	2	31	553	31	17,143	1.0000	16,611	16,611	22	755
Alaska	2	32	261	0	0	0.0000	16,611	0	0	0
Arizona	4	1	1,285	109	140,065	1.0000	139,471	139,471	94	1,484
Arizona	4	2	1,111	0	0	0.0000	139,471	0	0	0
Arkansas	5	0	1	113	113	1.0000	110,156	110,156	108	1,020
California	6	1	11,570	34	393,380	0.3552	1,081,453	384,174	28	13,720
California	6	2	7,999	78	623,922	0.5634	1,081,453	609,321	61	9,989
California	6	3	90,066	1	90,066	0.0813	1,081,453	87,958	1	87,958
California	6	11	9,189	0	0	0.0000	1,081,453	0	0	0
California	6	12	5,230	0	0	0.0000	1,081,453	0	0	0
Colorado	8	1	1,000	92	92,000	1.0000	94,404	94,404	85	1,111
Colorado	8	2	647	0	0	0.0000	94,404	0	0	0
Connecticut	9	0	1	93	93	1.0000	95,083	95,083	85	1,119
Delaware	10	0	1	41	41	1.0000	20,698	20,698	33	627
District of Columbia	11	0	1	67	67	1.0000	41,862	41,862	60	698
Florida	12	1	5,531	104	575,224	1.0000	542,741	542,741	89	6,098
Florida	12	2	4,025	0	0	0.0000	542,741	0	0	0
Georgia	13	1	3,185	96	305,760	1.0000	300,581	300,581	82	3,666
Georgia	13	2	2,889	0	0	0.0000	300,581	0	0	0
Hawaii	15	0	1	86	86	1.0000	58,074	58,074	83	700
Idaho	16	0	1	63	63	1.0000	28,408	28,408	57	498
Illinois	17	21	2,459	67	164,753	0.3655	445,877	162,951	62	2,628
Illinois	17	22	2,245	0	0	0.0000	445,877	0	0	0
Illinois	17	41	5,201	55	286,055	0.6345	445,877	282,926	44	6,430
Illinois	17	42	4,603	0	0	0.0000	445,877	0	0	0
Indiana	18	0	1	102	102	1.0000	142,851	142,851	92	1,553
Iowa	19	0	1	111	111	1.0000	69,191	69,191	85	814
Kansas	20	1	627	102	63,954	1.0000	65,845	65,845	93	708
Kansas	20	2	541	0	0	0.0000	65,845	0	0	0
Kentucky	21	1	1,451	132	191,532	1.0000	179,994	179,994	111	1,622
Kentucky	21	2	1,255	0	0	0.0000	179,994	0	0	0
Louisiana	22	40	2,929	85	248,965	1.0000	227,102	227,102	74	3,069
Louisiana	22	50	1,650	0	0	0.0000	227,102	0	0	0
Maine	23	0	1	86	86	1.0000	60,399	60,399	79	765
Maryland	24	0	1	102	102	1.0000	156,097	156,097	87	1,794
Massachusetts	25	0	1	98	98	1.0000	154,337	154,337	89	1,734
Michigan	26	1	5,891	40	235,640	0.6248	379,526	237,131	38	6,240
Michigan	26	20	1,415	100	141,500	0.3752	379,526	142,395	96	1,483
Minnesota	27	0	1	90	90	1.0000	113,837	113,837	87	1,308
Mississippi	28	1	1,735	94	163,090	1.0000	162,096	162,096	82	1,977
Mississippi	28	2	1,425	0	0	0.0000	162,096	0	0	0
Missouri	29	1	2,028	0	0	0.0000	214,220	0	0	0
Missouri	29	2	1,773	122	216,306	1.0000	214,220	214,220	109	1,965
Missouri	29	3	1,485	0	0	0.0000	214,220	0	0	0
Montana	30	0	1	48	48	1.0000	27,720	27,720	44	630
Nebraska	31	0	1	77	77	1.0000	41,307	41,307	74	558
Nevada	32	0	1	63	63	1.0000	41,840	41,840	48	872
New Hampshire	33	0	1	38	38	1.0000	21,575	21,575	38	568
New Jersey	34	0	1	129	129	1.0000	217,550	217,550	107	2,033
New Mexico	35	11	745	0	0	0.0000	79,661	0	0	0
New Mexico	35	20	701	0	0	0.0000	79,661	0	0	0
New Mexico	35	21	675	118	79,650	1.0000	79,661	79,661	93	857

MONTH: January
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	79,661	0	0	0
New Mexico	35	23	669	0	0	0.0000	79,661	0	0	0
New Mexico	35	24	632	0	0	0.0000	79,661	0	0	0
New Mexico	35	25	607	0	0	0.0000	79,661	0	0	0
New Mexico	35	26	590	0	0	0.0000	79,661	0	0	0
New Mexico	35	27	577	0	0	0.0000	79,661	0	0	0
New Mexico	35	28	563	0	0	0.0000	79,661	0	0	0
New Mexico	35	29	560	0	0	0.0000	79,661	0	0	0
New York	36	0	1	88	88	1.0000	918,966	918,966	77	11,935
North Carolina	37	0	1	98	98	1.0000	258,980	258,980	87	2,977
North Dakota	38	0	1	25	25	1.0000	15,676	15,676	22	713
Ohio	39	0	1	102	102	1.0000	408,198	408,198	96	4,252
Oklahoma	40	0	1	111	111	1.0000	134,689	134,689	99	1,360
Oregon	41	40	1,473	90	132,570	1.0000	128,614	128,614	74	1,738
Oregon	41	41	887	0	0	0.0000	128,614	0	0	0
Pennsylvania	42	0	1	102	102	1.0000	449,404	449,404	95	4,731
Rhode Island	44	0	1	68	68	1.0000	35,175	35,175	62	567
South Carolina	45	0	1	108	108	1.0000	141,716	141,716	96	1,476
South Dakota	46	0	1	32	32	1.0000	18,172	18,172	30	606
Tennessee	47	1	3,044	87	264,828	1.0000	264,787	264,787	77	3,439
Tennessee	47	2	2,291	0	0	0.0000	264,787	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	798,910	29,542	5	5,908
Texas	48	2	6,197	6	37,182	0.0482	798,910	38,476	5	7,695
Texas	48	3	5,563	19	105,697	0.1369	798,910	109,376	16	6,836
Texas	48	4	5,380	6	32,280	0.0418	798,910	33,403	5	6,681
Texas	48	5	5,324	6	31,944	0.0414	798,910	33,056	6	5,509
Texas	48	6	4,898	24	117,552	0.1523	798,910	121,643	24	5,068
Texas	48	7	8,026	7	56,182	0.0728	798,910	58,137	7	8,305
Texas	48	8	6,663	13	86,619	0.1122	798,910	89,634	12	7,469
Texas	48	9	7,878	7	55,146	0.0714	798,910	57,065	7	8,152
Texas	48	10	9,308	15	139,620	0.1808	798,910	144,479	15	9,632
Texas	48	11	13,545	6	81,270	0.1053	798,910	84,099	6	14,016
Utah	49	0	1	76	76	1.0000	38,873	38,873	69	563
Vermont	50	0	1	40	40	1.0000	25,400	25,400	38	668
Virginia	51	0	1	99	99	1.0000	220,377	220,377	81	2,721
Washington	53	1	1,907	111	211,677	1.0000	219,122	219,122	94	2,331
Washington	53	2	1,618	0	0	0.0000	219,122	0	0	0
West Virginia	54	0	1,274	67	85,358	0.7435	118,909	88,414	56	1,579
West Virginia	54	20	499	59	29,441	0.2565	118,909	30,495	56	545
Wisconsin	55	4	761	35	26,635	0.2952	91,118	26,899	34	791
Wisconsin	55	6	761	38	28,918	0.3205	91,118	29,204	36	811
Wisconsin	55	21	394	88	34,672	0.3843	91,118	35,015	45	778
Wyoming	56	1	329	25	8,225	0.6998	11,831	8,280	24	345
Wyoming	56	2	294	12	3,528	0.3002	11,831	3,551	11	323
Guam	66	0	1	26	26	1.0000	5,802	5,802	24	242
Virgin Islands	78	0	1	27	27	1.0000	6,441	6,441	25	258

MONTH: February
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	90	190,440	1.0000	192,274	192,274	85	2,262
Alabama	1	2	1,766	0	0	0.0000	192,274	0	0	0
Alaska	2	31	553	32	17,696	1.0000	17,029	17,029	27	631
Alaska	2	32	261	0	0	0.0000	17,029	0	0	0
Arizona	4	1	1,285	106	136,210	1.0000	136,216	136,216	92	1,481
Arizona	4	2	1,111	0	0	0.0000	136,216	0	0	0
Arkansas	5	0	1	112	112	1.0000	107,793	107,793	100	1,078
California	6	1	11,570	35	404,950	0.3464	1,079,263	373,862	21	17,803
California	6	2	7,999	73	583,927	0.4995	1,079,263	539,098	63	8,557
California	6	3	90,066	2	180,132	0.1541	1,079,263	166,303	2	83,152
California	6	11	9,189	0	0	0.0000	1,079,263	0	0	0
California	6	12	5,230	0	0	0.0000	1,079,263	0	0	0
Colorado	8	1	1,000	91	91,000	1.0000	94,485	94,485	83	1,138
Colorado	8	2	647	0	0	0.0000	94,485	0	0	0
Connecticut	9	0	1	95	95	1.0000	95,425	95,425	81	1,178
Delaware	10	0	1	42	42	1.0000	20,825	20,825	36	578
District of Columbia	11	0	1	66	66	1.0000	41,525	41,525	58	716
Florida	12	1	5,531	102	564,162	1.0000	528,167	528,167	84	6,288
Florida	12	2	4,025	0	0	0.0000	528,167	0	0	0
Georgia	13	1	3,185	94	299,390	1.0000	292,825	292,825	85	3,445
Georgia	13	2	2,889	0	0	0.0000	292,825	0	0	0
Hawaii	15	0	1	87	87	1.0000	57,893	57,893	82	706
Idaho	16	0	1	66	66	1.0000	28,464	28,464	60	474
Illinois	17	21	2,459	65	159,835	0.3463	438,263	151,789	59	2,573
Illinois	17	22	2,245	0	0	0.0000	438,263	0	0	0
Illinois	17	41	5,201	58	301,658	0.6537	438,263	286,474	44	6,511
Illinois	17	42	4,603	0	0	0.0000	438,263	0	0	0
Indiana	18	0	1	100	100	1.0000	142,493	142,493	91	1,566
Iowa	19	0	1	111	111	1.0000	70,053	70,053	97	722
Kansas	20	1	627	104	65,208	1.0000	67,001	67,001	99	677
Kansas	20	2	541	0	0	0.0000	67,001	0	0	0
Kentucky	21	1	1,451	132	191,532	1.0000	177,291	177,291	115	1,542
Kentucky	21	2	1,255	0	0	0.0000	177,291	0	0	0
Louisiana	22	40	2,929	84	246,036	1.0000	219,761	219,761	75	2,930
Louisiana	22	50	1,650	0	0	0.0000	219,761	0	0	0
Maine	23	0	1	87	87	1.0000	60,793	60,793	75	811
Maryland	24	0	1	100	100	1.0000	153,578	153,578	91	1,688
Massachusetts	25	0	1	93	93	1.0000	153,632	153,632	77	1,995
Michigan	26	1	5,891	37	217,967	0.6016	381,003	229,221	35	6,549
Michigan	26	20	1,415	102	144,330	0.3984	381,003	151,782	99	1,533
Minnesota	27	0	1	91	91	1.0000	113,970	113,970	85	1,341
Mississippi	28	1	1,735	91	157,885	1.0000	159,965	159,965	72	2,222
Mississippi	28	2	1,425	0	0	0.0000	159,965	0	0	0
Missouri	29	1	2,028	0	0	0.0000	207,921	0	0	0
Missouri	29	2	1,773	119	210,987	1.0000	207,921	207,921	114	1,824
Missouri	29	3	1,485	0	0	0.0000	207,921	0	0	0
Montana	30	0	1	47	47	1.0000	27,802	27,802	40	695
Nebraska	31	0	1	78	78	1.0000	41,187	41,187	69	597
Nevada	32	0	1	63	63	1.0000	40,779	40,779	50	816
New Hampshire	33	0	1	38	38	1.0000	21,435	21,435	35	612
New Jersey	34	0	1	125	125	1.0000	216,073	216,073	105	2,058
New Mexico	35	11	745	0	0	0.0000	78,231	0	0	0
New Mexico	35	20	701	0	0	0.0000	78,231	0	0	0
New Mexico	35	21	675	0	0	0.0000	78,231	0	0	0

MONTH: February
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	118	78,234	1.0000	78,231	78,231	99	790
New Mexico	35	23	669	0	0	0.0000	78,231	0	0	0
New Mexico	35	24	632	0	0	0.0000	78,231	0	0	0
New Mexico	35	25	607	0	0	0.0000	78,231	0	0	0
New Mexico	35	26	590	0	0	0.0000	78,231	0	0	0
New Mexico	35	27	577	0	0	0.0000	78,231	0	0	0
New Mexico	35	28	563	0	0	0.0000	78,231	0	0	0
New Mexico	35	29	560	0	0	0.0000	78,231	0	0	0
New York	36	0	1	86	86	1.0000	910,432	910,432	72	12,645
North Carolina	37	0	1	97	97	1.0000	256,188	256,188	83	3,087
North Dakota	38	0	1	41	41	1.0000	16,038	16,038	40	401
Ohio	39	0	1	101	101	1.0000	398,869	398,869	87	4,585
Oklahoma	40	0	1	111	111	1.0000	133,616	133,616	104	1,285
Oregon	41	40	1,473	90	132,570	1.0000	128,108	128,108	80	1,601
Oregon	41	41	887	0	0	0.0000	128,108	0	0	0
Pennsylvania	42	0	1	102	102	1.0000	449,868	449,868	94	4,786
Rhode Island	44	0	1	69	69	1.0000	37,148	37,148	63	590
South Carolina	45	0	1	108	108	1.0000	139,783	139,783	97	1,441
South Dakota	46	0	1	33	33	1.0000	18,515	18,515	32	579
Tennessee	47	1	3,044	85	258,740	1.0000	258,836	258,836	75	3,451
Tennessee	47	2	2,291	0	0	0.0000	258,836	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	775,319	28,669	6	4,778
Texas	48	2	6,197	6	37,182	0.0482	775,319	37,340	6	6,223
Texas	48	3	5,563	19	105,697	0.1369	775,319	106,146	16	6,634
Texas	48	4	5,380	6	32,280	0.0418	775,319	32,417	6	5,403
Texas	48	5	5,324	6	31,944	0.0414	775,319	32,080	6	5,347
Texas	48	6	4,898	24	117,552	0.1523	775,319	118,051	21	5,621
Texas	48	7	8,026	7	56,182	0.0728	775,319	56,421	7	8,060
Texas	48	8	6,663	13	86,619	0.1122	775,319	86,987	12	7,249
Texas	48	9	7,878	7	55,146	0.0714	775,319	55,380	7	7,911
Texas	48	10	9,308	15	139,620	0.1808	775,319	140,213	14	10,015
Texas	48	11	13,545	6	81,270	0.1053	775,319	81,615	6	13,603
Utah	49	0	1	75	75	1.0000	38,221	38,221	70	546
Vermont	50	0	1	41	41	1.0000	25,509	25,509	40	638
Virginia	51	0	1	98	98	1.0000	218,692	218,692	80	2,734
Washington	53	1	1,907	112	213,584	1.0000	215,848	215,848	83	2,601
Washington	53	2	1,618	0	0	0.0000	215,848	0	0	0
West Virginia	54	0	1,274	66	84,084	0.7506	118,871	89,220	59	1,512
West Virginia	54	20	499	56	27,944	0.2494	118,871	29,651	49	605
Wisconsin	55	4	761	35	26,635	0.2965	90,621	26,869	34	790
Wisconsin	55	6	761	38	28,918	0.3219	90,621	29,172	33	884
Wisconsin	55	21	394	87	34,278	0.3816	90,621	34,579	41	843
Wyoming	56	1	329	26	8,554	0.7638	12,673	9,679	23	421
Wyoming	56	2	294	9	2,646	0.2363	12,673	2,994	9	333
Guam	66	0	1	27	27	1.0000	5,673	5,673	26	218
Virgin Islands	78	0	1	26	26	1.0000	6,586	6,586	26	253

MONTH: March
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data				
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g	
Alabama	1	1	2,116	89	188,324	1.0000	186,093	186,093	80	2,326	
Alabama	1	2	1,766	0	0	0.0000	186,093	0	0	0	
Alaska	2	31	553	32	17,696	1.0000	17,213	17,213	29	594	
Alaska	2	32	261	0	0	0.0000	17,213	0	0	0	
Arizona	4	1	1,285	104	133,640	1.0000	133,643	133,643	91	1,469	
Arizona	4	2	1,111	0	0	0.0000	133,643	0	0	0	
Arkansas	5	0	1	110	110	1.0000	106,658	106,658	99	1,077	
California	6	1	11,570	34	393,380	0.4025	1,062,560	427,696	29	14,748	
California	6	2	7,999	73	583,927	0.5975	1,062,560	634,864	62	10,240	
California	6	3	90,066	0	0	0.0000	1,062,560	0	0	0	
California	6	11	9,189	0	0	0.0000	1,062,560	0	0	0	
California	6	12	5,230	0	0	0.0000	1,062,560	0	0	0	
Colorado	8	1	1,000	92	92,000	1.0000	94,551	94,551	82	1,153	
Colorado	8	2	647	0	0	0.0000	94,551	0	0	0	
Connecticut	9	0	1	92	92	1.0000	92,729	92,729	87	1,066	
Delaware	10	0	1	40	40	1.0000	20,234	20,234	31	653	
District of Columbia	11	0	1	65	65	1.0000	39,567	39,567	60	659	
Florida	12	1	5,531	99	547,569	1.0000	513,919	513,919	84	6,118	
Florida	12	2	4,025	0	0	0.0000	513,919	0	0	0	
Georgia	13	1	3,185	92	293,020	1.0000	282,848	282,848	83	3,408	
Georgia	13	2	2,889	0	0	0.0000	282,848	0	0	0	
Hawaii	15	0	1	86	86	1.0000	57,497	57,497	80	719	
Idaho	16	0	1	63	63	1.0000	28,529	28,529	53	538	
Illinois	17	21	2,459	65	159,835	0.3503	441,865	154,781	60	2,580	
Illinois	17	22	2,245	0	0	0.0000	441,865	0	0	0	
Illinois	17	41	5,201	57	296,457	0.6497	441,865	287,084	47	6,108	
Illinois	17	42	4,603	0	0	0.0000	441,865	0	0	0	
Indiana	18	0	1	98	98	1.0000	142,712	142,712	86	1,659	
Iowa	19	0	1	108	108	1.0000	68,146	68,146	101	675	
Kansas	20	1	627	101	63,327	1.0000	65,818	65,818	89	740	
Kansas	20	2	541	0	0	0.0000	65,818	0	0	0	
Kentucky	21	1	1,451	129	187,179	1.0000	177,499	177,499	114	1,557	
Kentucky	21	2	1,255	0	0	0.0000	177,499	0	0	0	
Louisiana	22	40	2,929	82	240,178	1.0000	217,031	217,031	75	2,894	
Louisiana	22	50	1,650	0	0	0.0000	217,031	0	0	0	
Maine	23	0	1	86	86	1.0000	59,849	59,849	77	777	
Maryland	24	0	1	100	100	1.0000	152,609	152,609	92	1,659	
Massachusetts	25	0	1	93	93	1.0000	153,352	153,352	77	1,992	
Michigan	26	1	5,891	36	212,076	0.5974	371,156	221,733	32	6,929	
Michigan	26	20	1,415	101	142,915	0.4026	371,156	149,423	96	1,556	
Minnesota	27	0	1	89	89	1.0000	111,867	111,867	78	1,434	
Mississippi	28	1	1,735	87	150,945	1.0000	156,236	156,236	72	2,170	
Mississippi	28	2	1,425	0	0	0.0000	156,236	0	0	0	
Missouri	29	1	2,028	0	0	0.0000	201,552	0	0	0	
Missouri	29	2	1,773	113	200,349	1.0000	201,552	201,552	102	1,976	
Missouri	29	3	1,485	0	0	0.0000	201,552	0	0	0	
Montana	30	0	1	47	47	1.0000	27,256	27,256	43	634	
Nebraska	31	0	1	77	77	1.0000	41,187	41,187	69	597	
Nevada	32	0	1	59	59	1.0000	38,514	38,514	53	727	
New Hampshire	33	0	1	39	39	1.0000	21,347	21,347	36	593	
New Jersey	34	0	1	124	124	1.0000	216,035	216,035	103	2,097	
New Mexico	35	11	745	0	0	0.0000	77,629	0	0	0	
New Mexico	35	20	701	0	0	0.0000	77,629	0	0	0	
New Mexico	35	21	675	0	0	0.0000	77,629	0	0	0	

MONTH: March
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	77,629	0	0	0
New Mexico	35	23	669	116	77,604	1.0000	77,629	77,629	95	817
New Mexico	35	24	632	0	0	0.0000	77,629	0	0	0
New Mexico	35	25	607	0	0	0.0000	77,629	0	0	0
New Mexico	35	26	590	0	0	0.0000	77,629	0	0	0
New Mexico	35	27	577	0	0	0.0000	77,629	0	0	0
New Mexico	35	28	563	0	0	0.0000	77,629	0	0	0
New Mexico	35	29	560	0	0	0.0000	77,629	0	0	0
New York	36	0	1	86	86	1.0000	906,899	906,899	74	12,255
North Carolina	37	0	1	95	95	1.0000	256,188	256,188	85	3,014
North Dakota	38	0	1	34	34	1.0000	15,849	15,849	33	480
Ohio	39	0	1	100	100	1.0000	397,915	397,915	83	4,794
Oklahoma	40	0	1	105	105	1.0000	128,008	128,008	97	1,320
Oregon	41	40	1,473	87	128,151	1.0000	124,527	124,527	69	1,805
Oregon	41	41	887	0	0	0.0000	124,527	0	0	0
Pennsylvania	42	0	1	100	100	1.0000	442,838	442,838	92	4,813
Rhode Island	44	0	1	68	68	1.0000	38,007	38,007	54	704
South Carolina	45	0	1	106	106	1.0000	138,494	138,494	91	1,522
South Dakota	46	0	1	32	32	1.0000	18,010	18,010	28	643
Tennessee	47	1	3,044	84	255,696	1.0000	254,502	254,502	73	3,486
Tennessee	47	2	2,291	0	0	0.0000	254,502	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	763,186	28,221	6	4,703
Texas	48	2	6,197	6	37,182	0.0482	763,186	36,756	6	6,126
Texas	48	3	5,563	19	105,697	0.1369	763,186	104,485	13	8,037
Texas	48	4	5,380	6	32,280	0.0418	763,186	31,910	5	6,382
Texas	48	5	5,324	6	31,944	0.0414	763,186	31,578	6	5,263
Texas	48	6	4,898	24	117,552	0.1523	763,186	116,204	22	5,282
Texas	48	7	8,026	7	56,182	0.0728	763,186	55,538	7	7,934
Texas	48	8	6,663	13	86,619	0.1122	763,186	85,626	12	7,135
Texas	48	9	7,878	7	55,146	0.0714	763,186	54,514	7	7,788
Texas	48	10	9,308	15	139,620	0.1808	763,186	138,019	15	9,201
Texas	48	11	13,545	6	81,270	0.1053	763,186	80,338	6	13,390
Utah	49	0	1	73	73	1.0000	38,173	38,173	69	553
Vermont	50	0	1	40	40	1.0000	25,108	25,108	36	697
Virginia	51	0	1	93	93	1.0000	208,950	208,950	81	2,580
Washington	53	1	1,907	113	215,491	1.0000	213,848	213,848	93	2,299
Washington	53	2	1,618	0	0	0.0000	213,848	0	0	0
West Virginia	54	0	1,274	67	85,358	0.7534	118,773	89,480	59	1,517
West Virginia	54	20	499	56	27,944	0.2466	118,773	29,293	50	586
Wisconsin	55	4	761	34	25,874	0.2983	88,278	26,335	33	798
Wisconsin	55	6	761	37	28,157	0.3246	88,278	28,659	36	796
Wisconsin	55	21	394	83	32,702	0.3770	88,278	33,285	41	812
Wyoming	56	1	329	26	8,554	0.7638	11,165	8,527	25	341
Wyoming	56	2	294	9	2,646	0.2363	11,165	2,638	9	293
Guam	66	0	1	26	26	1.0000	5,682	5,682	24	237
Virgin Islands	78	0	1	26	26	1.0000	6,296	6,296	25	252

MONTH: April
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	86	181,976	1.0000	181,159	181,159	80	2,264
Alabama	1	2	1,766	0	0	0.0000	181,159	0	0	0
Alaska	2	31	553	33	18,249	1.0000	17,199	17,199	29	593
Alaska	2	32	261	0	0	0.0000	17,199	0	0	0
Arizona	4	1	1,285	0	0	0.0000	129,307	0	0	0
Arizona	4	2	1,111	117	129,987	1.0000	129,307	129,307	102	1,268
Arkansas	5	0	1	107	107	1.0000	104,481	104,481	97	1,077
California	6	1	11,570	34	393,380	0.3992	1,049,513	419,014	29	14,449
California	6	2	7,999	74	591,926	0.6008	1,049,513	630,499	58	10,871
California	6	3	90,066	0	0	0.0000	1,049,513	0	0	0
California	6	11	9,189	0	0	0.0000	1,049,513	0	0	0
California	6	12	5,230	0	0	0.0000	1,049,513	0	0	0
Colorado	8	1	1,000	88	88,000	1.0000	90,276	90,276	84	1,075
Colorado	8	2	647	0	0	0.0000	90,276	0	0	0
Connecticut	9	0	1	92	92	1.0000	91,387	91,387	80	1,142
Delaware	10	0	1	38	38	1.0000	19,448	19,448	36	540
District of Columbia	11	0	1	63	63	1.0000	39,212	39,212	58	676
Florida	12	1	5,531	0	0	0.0000	497,669	0	0	0
Florida	12	2	4,025	132	531,300	1.0000	497,669	497,669	107	4,651
Georgia	13	1	3,185	0	0	0.0000	273,678	0	0	0
Georgia	13	2	2,889	98	283,122	1.0000	273,678	273,678	84	3,258
Hawaii	15	0	1	84	84	1.0000	56,396	56,396	78	723
Idaho	16	0	1	61	61	1.0000	27,571	27,571	55	501
Illinois	17	21	2,459	0	0	0.0000	431,564	0	0	0
Illinois	17	22	2,245	61	136,945	0.3243	431,564	139,939	56	2,499
Illinois	17	41	5,201	0	0	0.0000	431,564	0	0	0
Illinois	17	42	4,603	62	285,386	0.6757	431,564	291,625	52	5,608
Indiana	18	0	1	99	99	1.0000	141,140	141,140	86	1,641
Iowa	19	0	1	107	107	1.0000	67,343	67,343	92	732
Kansas	20	1	627	101	63,327	1.0000	64,644	64,644	90	718
Kansas	20	2	541	0	0	0.0000	64,644	0	0	0
Kentucky	21	1	1,451	0	0	0.0000	172,752	0	0	0
Kentucky	21	2	1,255	147	184,485	1.0000	172,752	172,752	134	1,289
Louisiana	22	40	2,929	0	0	0.0000	213,550	0	0	0
Louisiana	22	50	1,650	136	224,400	1.0000	213,550	213,550	126	1,695
Maine	23	0	1	85	85	1.0000	59,057	59,057	68	868
Maryland	24	0	1	98	98	1.0000	150,910	150,910	94	1,605
Massachusetts	25	0	1	97	97	1.0000	149,999	149,999	82	1,829
Michigan	26	1	5,891	36	212,076	0.6046	365,446	220,964	34	6,499
Michigan	26	20	1,415	98	138,670	0.3954	365,446	144,482	96	1,505
Minnesota	27	0	1	88	88	1.0000	110,699	110,699	82	1,350
Mississippi	28	1	1,735	83	144,005	1.0000	154,286	154,286	73	2,114
Mississippi	28	2	1,425	0	0	0.0000	154,286	0	0	0
Missouri	29	1	2,028	0	0	0.0000	193,589	0	0	0
Missouri	29	2	1,773	109	193,257	1.0000	193,589	193,589	104	1,861
Missouri	29	3	1,485	0	0	0.0000	193,589	0	0	0
Montana	30	0	1	46	46	1.0000	27,106	27,106	39	695
Nebraska	31	0	1	75	75	1.0000	40,461	40,461	67	604
Nevada	32	0	1	57	57	1.0000	36,959	36,959	49	754
New Hampshire	33	0	1	36	36	1.0000	21,007	21,007	32	656
New Jersey	34	0	1	126	126	1.0000	212,061	212,061	106	2,001
New Mexico	35	11	745	0	0	0.0000	74,579	0	0	0
New Mexico	35	20	701	0	0	0.0000	74,579	0	0	0
New Mexico	35	21	675	0	0	0.0000	74,579	0	0	0

MONTH: April
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	74,579	0	0	0
New Mexico	35	23	669	0	0	0.0000	74,579	0	0	0
New Mexico	35	24	632	118	74,576	1.0000	74,579	74,579	97	769
New Mexico	35	25	607	0	0	0.0000	74,579	0	0	0
New Mexico	35	26	590	0	0	0.0000	74,579	0	0	0
New Mexico	35	27	577	0	0	0.0000	74,579	0	0	0
New Mexico	35	28	563	0	0	0.0000	74,579	0	0	0
New Mexico	35	29	560	0	0	0.0000	74,579	0	0	0
New York	36	0	1	84	84	1.0000	901,338	901,338	73	12,347
North Carolina	37	0	1	93	93	1.0000	243,843	243,843	87	2,803
North Dakota	38	0	1	28	28	1.0000	17,797	17,797	25	712
Ohio	39	0	1	97	97	1.0000	384,798	384,798	85	4,527
Oklahoma	40	0	1	102	102	1.0000	125,147	125,147	91	1,375
Oregon	41	40	1,473	84	123,732	1.0000	120,938	120,938	77	1,571
Oregon	41	41	887	0	0	0.0000	120,938	0	0	0
Pennsylvania	42	0	1	100	100	1.0000	441,762	441,762	87	5,078
Rhode Island	44	0	1	66	66	1.0000	34,987	34,987	62	564
South Carolina	45	0	1	105	105	1.0000	136,816	136,816	90	1,520
South Dakota	46	0	1	33	33	1.0000	18,214	18,214	31	588
Tennessee	47	1	3,044	81	246,564	1.0000	247,805	247,805	76	3,261
Tennessee	47	2	2,291	0	0	0.0000	247,805	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	738,425	27,305	6	4,551
Texas	48	2	6,197	6	37,182	0.0482	738,425	35,563	6	5,927
Texas	48	3	5,563	19	105,697	0.1369	738,425	101,095	16	6,318
Texas	48	4	5,380	6	32,280	0.0418	738,425	30,875	6	5,146
Texas	48	5	5,324	6	31,944	0.0414	738,425	30,553	6	5,092
Texas	48	6	4,898	24	117,552	0.1523	738,425	112,434	20	5,622
Texas	48	7	8,026	7	56,182	0.0728	738,425	53,736	6	8,956
Texas	48	8	6,663	13	86,619	0.1122	738,425	82,848	12	6,904
Texas	48	9	7,878	7	55,146	0.0714	738,425	52,745	7	7,535
Texas	48	10	9,308	15	139,620	0.1808	738,425	133,541	15	8,903
Texas	48	11	13,545	6	81,270	0.1053	738,425	77,731	6	12,955
Utah	49	0	1	72	72	1.0000	38,991	38,991	66	591
Vermont	50	0	1	40	40	1.0000	25,065	25,065	33	760
Virginia	51	0	1	90	90	1.0000	200,454	200,454	74	2,709
Washington	53	1	1,907	111	211,677	1.0000	198,881	198,881	79	2,517
Washington	53	2	1,618	0	0	0.0000	198,881	0	0	0
West Virginia	54	0	1,274	68	86,632	0.7594	118,060	89,657	60	1,494
West Virginia	54	20	499	55	27,445	0.2406	118,060	28,403	49	580
Wisconsin	55	4	761	36	27,396	0.3132	87,362	27,363	33	829
Wisconsin	55	6	761	37	28,157	0.3219	87,362	28,123	36	781
Wisconsin	55	21	394	81	31,914	0.3649	87,362	31,876	59	540
Wyoming	56	1	329	26	8,554	0.8061	10,937	8,816	23	383
Wyoming	56	2	294	7	2,058	0.1939	10,937	2,121	7	303
Guam	66	0	1	26	26	1.0000	5,503	5,503	24	229
Virgin Islands	78	0	1	23	23	1.0000	6,109	6,109	23	266

MONTH: May
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	85	179,860	1.0000	178,508	178,508	78	2,289
Alabama	1	2	1,766	0	0	0.0000	178,508	0	0	0
Alaska	2	31	553	31	17,143	1.0000	16,681	16,681	29	575
Alaska	2	32	261	0	0	0.0000	16,681	0	0	0
Arizona	4	1	1,285	0	0	0.0000	127,167	0	0	0
Arizona	4	2	1,111	115	127,765	1.0000	127,167	127,167	101	1,259
Arkansas	5	0	1	106	106	1.0000	102,703	102,703	100	1,027
California	6	1	11,570	33	381,810	0.3236	1,026,560	332,178	24	13,841
California	6	2	7,999	66	527,934	0.4474	1,026,560	459,307	53	8,666
California	6	3	90,066	3	270,198	0.2290	1,026,560	235,075	3	78,358
California	6	11	9,189	0	0	0.0000	1,026,560	0	0	0
California	6	12	5,230	0	0	0.0000	1,026,560	0	0	0
Colorado	8	1	1,000	87	87,000	1.0000	88,452	88,452	78	1,134
Colorado	8	2	647	0	0	0.0000	88,452	0	0	0
Connecticut	9	0	1	88	88	1.0000	92,349	92,349	82	1,126
Delaware	10	0	1	39	39	1.0000	19,106	19,106	35	546
District of Columbia	11	0	1	64	64	1.0000	39,204	39,204	54	726
Florida	12	1	5,531	0	0	0.0000	488,501	0	0	0
Florida	12	2	4,025	126	507,150	1.0000	488,501	488,501	96	5,089
Georgia	13	1	3,185	0	0	0.0000	269,659	0	0	0
Georgia	13	2	2,889	95	274,455	1.0000	269,659	269,659	86	3,136
Hawaii	15	0	1	83	83	1.0000	55,349	55,349	80	692
Idaho	16	0	1	60	60	1.0000	26,916	26,916	55	489
Illinois	17	21	2,459	0	0	0.0000	426,811	0	0	0
Illinois	17	22	2,245	83	186,335	0.3989	426,811	170,256	78	2,183
Illinois	17	41	5,201	0	0	0.0000	426,811	0	0	0
Illinois	17	42	4,603	61	280,783	0.6011	426,811	256,555	50	5,131
Indiana	18	0	1	96	96	1.0000	138,833	138,833	91	1,526
Iowa	19	0	1	104	104	1.0000	65,629	65,629	87	754
Kansas	20	1	627	97	60,819	1.0000	62,713	62,713	90	697
Kansas	20	2	541	0	0	0.0000	62,713	0	0	0
Kentucky	21	1	1,451	0	0	0.0000	169,995	0	0	0
Kentucky	21	2	1,255	145	181,975	1.0000	169,995	169,995	123	1,382
Louisiana	22	40	2,929	0	0	0.0000	210,511	0	0	0
Louisiana	22	50	1,650	134	221,100	1.0000	210,511	210,511	121	1,740
Maine	23	0	1	84	84	1.0000	58,496	58,496	74	790
Maryland	24	0	1	99	99	1.0000	150,121	150,121	88	1,706
Massachusetts	25	0	1	87	87	1.0000	149,928	149,928	75	1,999
Michigan	26	1	5,891	37	217,967	0.6185	358,103	221,499	33	6,712
Michigan	26	20	1,415	95	134,425	0.3815	358,103	136,604	92	1,485
Minnesota	27	0	1	87	87	1.0000	109,721	109,721	79	1,389
Mississippi	28	1	1,735	84	145,740	1.0000	151,479	151,479	73	2,075
Mississippi	28	2	1,425	0	0	0.0000	151,479	0	0	0
Missouri	29	1	2,028	0	0	0.0000	189,419	0	0	0
Missouri	29	2	1,773	105	186,165	1.0000	189,419	189,419	96	1,973
Missouri	29	3	1,485	0	0	0.0000	189,419	0	0	0
Montana	30	0	1	46	46	1.0000	26,687	26,687	40	667
Nebraska	31	0	1	75	75	1.0000	40,048	40,048	68	589
Nevada	32	0	1	55	55	1.0000	35,769	35,769	45	795
New Hampshire	33	0	1	37	37	1.0000	20,605	20,605	33	624
New Jersey	34	0	1	123	123	1.0000	210,025	210,025	98	2,143
New Mexico	35	11	745	0	0	0.0000	71,698	0	0	0
New Mexico	35	20	701	0	0	0.0000	71,698	0	0	0
New Mexico	35	21	675	0	0	0.0000	71,698	0	0	0

MONTH: May
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	71,698	0	0	0
New Mexico	35	23	669	0	0	0.0000	71,698	0	0	0
New Mexico	35	24	632	0	0	0.0000	71,698	0	0	0
New Mexico	35	25	607	118	71,626	1.0000	71,698	71,698	102	703
New Mexico	35	26	590	0	0	0.0000	71,698	0	0	0
New Mexico	35	27	577	0	0	0.0000	71,698	0	0	0
New Mexico	35	28	563	0	0	0.0000	71,698	0	0	0
New Mexico	35	29	560	0	0	0.0000	71,698	0	0	0
New York	36	0	1	83	83	1.0000	897,644	897,644	70	12,823
North Carolina	37	0	1	91	91	1.0000	239,834	239,834	87	2,757
North Dakota	38	0	1	29	29	1.0000	15,994	15,994	25	640
Ohio	39	0	1	94	94	1.0000	373,538	373,538	87	4,294
Oklahoma	40	0	1	101	101	1.0000	122,807	122,807	95	1,293
Oregon	41	40	1,473	82	120,786	1.0000	117,973	117,973	78	1,512
Oregon	41	41	887	0	0	0.0000	117,973	0	0	0
Pennsylvania	42	0	1	98	98	1.0000	435,170	435,170	83	5,243
Rhode Island	44	0	1	66	66	1.0000	38,835	38,835	55	706
South Carolina	45	0	1	107	107	1.0000	139,635	139,635	93	1,501
South Dakota	46	0	1	32	32	1.0000	17,896	17,896	30	597
Tennessee	47	1	3,044	80	243,520	1.0000	242,921	242,921	70	3,470
Tennessee	47	2	2,291	0	0	0.0000	242,921	0	0	0
Texas	48	1	4,758	6	28,548	0.0370	723,424	26,750	5	5,350
Texas	48	2	6,197	6	37,182	0.0482	723,424	34,841	5	6,968
Texas	48	3	5,563	19	105,697	0.1369	723,424	99,041	15	6,603
Texas	48	4	5,380	6	32,280	0.0418	723,424	30,247	5	6,049
Texas	48	5	5,324	6	31,944	0.0414	723,424	29,932	6	4,989
Texas	48	6	4,898	24	117,552	0.1523	723,424	110,150	18	6,119
Texas	48	7	8,026	7	56,182	0.0728	723,424	52,644	7	7,521
Texas	48	8	6,663	13	86,619	0.1122	723,424	81,165	11	7,379
Texas	48	9	7,878	7	55,146	0.0714	723,424	51,673	7	7,382
Texas	48	10	9,308	15	139,620	0.1808	723,424	130,828	13	10,064
Texas	48	11	13,545	6	81,270	0.1053	723,424	76,152	6	12,692
Utah	49	0	1	70	70	1.0000	36,617	36,617	65	563
Vermont	50	0	1	39	39	1.0000	24,707	24,707	30	824
Virginia	51	0	1	87	87	1.0000	196,653	196,653	79	2,489
Washington	53	1	1,907	110	209,770	1.0000	191,960	191,960	85	2,258
Washington	53	2	1,618	0	0	0.0000	191,960	0	0	0
West Virginia	54	0	1,274	68	86,632	0.7561	116,098	87,783	59	1,488
West Virginia	54	20	499	56	27,944	0.2439	116,098	28,315	46	616
Wisconsin	55	4	761	35	26,635	0.3142	85,519	26,873	34	790
Wisconsin	55	6	761	36	27,396	0.3232	85,519	27,640	31	892
Wisconsin	55	21	394	78	30,732	0.3626	85,519	31,006	57	544
Wyoming	56	1	329	26	8,554	0.8061	10,716	8,638	23	376
Wyoming	56	2	294	7	2,058	0.1939	10,716	2,078	6	346
Guam	66	0	1	25	25	1.0000	5,470	5,470	25	219
Virgin Islands	78	0	1	24	24	1.0000	6,016	6,016	24	251

MONTH: June
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHS in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHS In State e	FSP HHS in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	0	0	0.0000	176,585	0	0	0
Alabama	1	2	1,766	100	176,600	1.0000	176,585	176,585	97	1,820
Alaska	2	31	553	29	16,037	1.0000	15,975	15,975	25	639
Alaska	2	32	261	0	0	0.0000	15,975	0	0	0
Arizona	4	1	1,285	0	0	0.0000	125,721	0	0	0
Arizona	4	2	1,111	113	125,543	1.0000	125,721	125,721	97	1,296
Arkansas	5	0	1	104	104	1.0000	102,180	102,180	98	1,043
California	6	1	11,570	33	381,810	0.3109	1,026,518	319,182	25	12,767
California	6	2	7,999	72	575,928	0.4690	1,026,518	481,459	53	9,084
California	6	3	90,066	3	270,198	0.2200	1,026,518	225,877	2	112,939
California	6	11	9,189	0	0	0.0000	1,026,518	0	0	0
California	6	12	5,230	0	0	0.0000	1,026,518	0	0	0
Colorado	8	1	1,000	86	86,000	1.0000	86,924	86,924	81	1,073
Colorado	8	2	647	0	0	0.0000	86,924	0	0	0
Connecticut	9	0	1	91	91	1.0000	92,143	92,143	83	1,110
Delaware	10	0	1	35	35	1.0000	18,873	18,873	33	572
District of Columbia	11	0	1	64	64	1.0000	39,096	39,096	51	767
Florida	12	1	5,531	0	0	0.0000	484,615	0	0	0
Florida	12	2	4,025	125	503,125	1.0000	484,615	484,615	105	4,615
Georgia	13	1	3,185	0	0	0.0000	267,243	0	0	0
Georgia	13	2	2,889	95	274,455	1.0000	267,243	267,243	83	3,220
Hawaii	15	0	1	82	82	1.0000	54,530	54,530	75	727
Idaho	16	0	1	58	58	1.0000	25,853	25,853	53	488
Illinois	17	21	2,459	0	0	0.0000	424,741	0	0	0
Illinois	17	22	2,245	67	150,415	0.3312	424,741	140,655	60	2,344
Illinois	17	41	5,201	0	0	0.0000	424,741	0	0	0
Illinois	17	42	4,603	66	303,798	0.6688	424,741	284,086	52	5,463
Indiana	18	0	1	96	96	1.0000	137,196	137,196	89	1,542
Iowa	19	0	1	102	102	1.0000	64,392	64,392	80	805
Kansas	20	1	627	0	0	0.0000	60,564	0	0	0
Kansas	20	2	541	110	59,510	1.0000	60,564	60,564	94	644
Kentucky	21	1	1,451	0	0	0.0000	168,434	0	0	0
Kentucky	21	2	1,255	143	179,465	1.0000	168,434	168,434	123	1,369
Louisiana	22	40	2,929	0	0	0.0000	211,797	0	0	0
Louisiana	22	50	1,650	133	219,450	1.0000	211,797	211,797	122	1,736
Maine	23	0	1	82	82	1.0000	57,464	57,464	69	833
Maryland	24	0	1	98	98	1.0000	148,474	148,474	90	1,650
Massachusetts	25	0	1	85	85	1.0000	141,002	141,002	72	1,958
Michigan	26	1	5,891	36	212,076	0.6171	352,306	217,405	36	6,039
Michigan	26	20	1,415	93	131,595	0.3829	352,306	134,901	89	1,516
Minnesota	27	0	1	86	86	1.0000	107,206	107,206	81	1,324
Mississippi	28	1	1,735	0	0	0.0000	148,548	0	0	0
Mississippi	28	2	1,425	98	139,650	1.0000	148,548	148,548	86	1,727
Missouri	29	1	2,028	0	0	0.0000	185,931	0	0	0
Missouri	29	2	1,773	0	0	0.0000	185,931	0	0	0
Missouri	29	3	1,485	122	181,170	1.0000	185,931	185,931	110	1,690
Montana	30	0	1	45	45	1.0000	26,279	26,279	40	657
Nebraska	31	0	1	74	74	1.0000	39,911	39,911	67	596
Nevada	32	0	1	54	54	1.0000	35,038	35,038	45	779
New Hampshire	33	0	1	33	33	1.0000	20,185	20,185	33	612
New Jersey	34	0	1	121	121	1.0000	208,240	208,240	103	2,022
New Mexico	35	11	745	0	0	0.0000	69,674	0	0	0
New Mexico	35	20	701	0	0	0.0000	69,674	0	0	0
New Mexico	35	21	675	0	0	0.0000	69,674	0	0	0

MONTH: June
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	69,674	0	0	0
New Mexico	35	23	669	0	0	0.0000	69,674	0	0	0
New Mexico	35	24	632	0	0	0.0000	69,674	0	0	0
New Mexico	35	25	607	0	0	0.0000	69,674	0	0	0
New Mexico	35	26	590	118	69,620	1.0000	69,674	69,674	95	733
New Mexico	35	27	577	0	0	0.0000	69,674	0	0	0
New Mexico	35	28	563	0	0	0.0000	69,674	0	0	0
New Mexico	35	29	560	0	0	0.0000	69,674	0	0	0
New York	36	0	1	80	80	1.0000	887,355	887,355	66	13,445
North Carolina	37	0	1	90	90	1.0000	238,327	238,327	81	2,942
North Dakota	38	0	1	29	29	1.0000	15,355	15,355	21	731
Ohio	39	0	1	93	93	1.0000	370,696	370,696	81	4,576
Oklahoma	40	0	1	100	100	1.0000	122,580	122,580	97	1,264
Oregon	41	40	1,473	80	117,840	1.0000	114,022	114,022	68	1,677
Oregon	41	41	887	0	0	0.0000	114,022	0	0	0
Pennsylvania	42	0	1	97	97	1.0000	429,017	429,017	89	4,820
Rhode Island	44	0	1	65	65	1.0000	34,906	34,906	57	612
South Carolina	45	0	1	107	107	1.0000	139,720	139,720	87	1,606
South Dakota	46	0	1	31	31	1.0000	17,304	17,304	29	597
Tennessee	47	1	3,044	0	0	0.0000	242,769	0	0	0
Tennessee	47	2	2,291	106	242,846	1.0000	242,769	242,769	95	2,555
Texas	48	1	4,758	6	28,548	0.0370	708,120	26,184	5	5,237
Texas	48	2	6,197	6	37,182	0.0482	708,120	34,104	4	8,526
Texas	48	3	5,563	19	105,697	0.1369	708,120	96,946	16	6,059
Texas	48	4	5,380	6	32,280	0.0418	708,120	29,607	6	4,935
Texas	48	5	5,324	6	31,944	0.0414	708,120	29,299	6	4,883
Texas	48	6	4,898	24	117,552	0.1523	708,120	107,819	22	4,901
Texas	48	7	8,026	7	56,182	0.0728	708,120	51,530	6	8,588
Texas	48	8	6,663	13	86,619	0.1122	708,120	79,447	12	6,621
Texas	48	9	7,878	7	55,146	0.0714	708,120	50,580	7	7,226
Texas	48	10	9,308	15	139,620	0.1808	708,120	128,060	13	9,851
Texas	48	11	13,545	6	81,270	0.1053	708,120	74,541	5	14,908
Utah	49	0	1	69	69	1.0000	35,705	35,705	61	585
Vermont	50	0	1	39	39	1.0000	24,365	24,365	31	786
Virginia	51	0	1	86	86	1.0000	192,780	192,780	74	2,605
Washington	53	1	1,907	112	213,584	1.0000	186,174	186,174	86	2,165
Washington	53	2	1,618	0	0	0.0000	186,174	0	0	0
West Virginia	54	0	1,274	67	85,358	0.7635	115,863	88,456	56	1,580
West Virginia	54	20	499	53	26,447	0.2365	115,863	27,407	44	623
Wisconsin	55	4	761	35	26,635	0.3172	83,980	26,637	30	888
Wisconsin	55	6	761	36	27,396	0.3262	83,980	27,398	32	856
Wisconsin	55	21	394	76	29,944	0.3566	83,980	29,946	55	544
Wyoming	56	1	329	26	8,554	0.7843	10,529	8,258	23	359
Wyoming	56	2	294	8	2,352	0.2157	10,529	2,271	8	284
Guam	66	0	1	25	25	1.0000	5,487	5,487	22	249
Virgin Islands	78	0	1	24	24	1.0000	5,919	5,919	21	282

MONTH: July
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	0	0	0.0000	175,889	0	0	0
Alabama	1	2	1,766	100	176,600	1.0000	175,889	175,889	89	1,976
Alaska	2	31	553	28	15,484	1.0000	15,114	15,114	25	605
Alaska	2	32	261	0	0	0.0000	15,114	0	0	0
Arizona	4	1	1,285	0	0	0.0000	123,650	0	0	0
Arizona	4	2	1,111	112	124,432	1.0000	123,650	123,650	88	1,405
Arkansas	5	0	1	104	104	1.0000	101,527	101,527	98	1,036
California	6	1	11,570	0	0	0.0000	991,831	0	0	0
California	6	2	7,999	0	0	0.0000	991,831	0	0	0
California	6	3	90,066	1	90,066	0.0922	991,831	91,464	1	91,464
California	6	11	9,189	39	358,371	0.3669	991,831	363,935	32	11,373
California	6	12	5,230	101	528,230	0.5408	991,831	536,431	76	7,058
Colorado	8	1	1,000	0	0	0.0000	85,536	0	0	0
Colorado	8	2	647	124	80,228	1.0000	85,536	85,536	112	764
Connecticut	9	0	1	90	90	1.0000	92,250	92,250	81	1,139
Delaware	10	0	1	36	36	1.0000	18,595	18,595	33	563
District of Columbia	11	0	1	64	64	1.0000	39,347	39,347	56	703
Florida	12	1	5,531	0	0	0.0000	479,630	0	0	0
Florida	12	2	4,025	123	495,075	1.0000	479,630	479,630	106	4,525
Georgia	13	1	3,185	0	0	0.0000	264,166	0	0	0
Georgia	13	2	2,889	95	274,455	1.0000	264,166	264,166	82	3,222
Hawaii	15	0	1	81	81	1.0000	54,128	54,128	77	703
Idaho	16	0	1	56	56	1.0000	25,163	25,163	48	524
Illinois	17	21	2,459	0	0	0.0000	416,353	0	0	0
Illinois	17	22	2,245	61	136,945	0.3208	416,353	133,551	56	2,385
Illinois	17	41	5,201	0	0	0.0000	416,353	0	0	0
Illinois	17	42	4,603	63	289,989	0.6792	416,353	282,802	50	5,656
Indiana	18	0	1	94	94	1.0000	136,511	136,511	80	1,706
Iowa	19	0	1	100	100	1.0000	62,670	62,670	86	729
Kansas	20	1	627	0	0	0.0000	58,712	0	0	0
Kansas	20	2	541	106	57,346	1.0000	58,712	58,712	95	618
Kentucky	21	1	1,451	0	0	0.0000	166,607	0	0	0
Kentucky	21	2	1,255	143	179,465	1.0000	166,607	166,607	123	1,355
Louisiana	22	40	2,929	0	0	0.0000	210,335	0	0	0
Louisiana	22	50	1,650	133	219,450	1.0000	210,335	210,335	120	1,753
Maine	23	0	1	81	81	1.0000	56,097	56,097	67	837
Maryland	24	0	1	97	97	1.0000	147,483	147,483	89	1,657
Massachusetts	25	0	1	93	93	1.0000	144,726	144,726	81	1,787
Michigan	26	1	5,891	32	188,512	0.5915	343,238	203,031	31	6,549
Michigan	26	20	1,415	92	130,180	0.4085	343,238	140,207	84	1,669
Minnesota	27	0	1	83	83	1.0000	104,993	104,993	75	1,400
Mississippi	28	1	1,735	0	0	0.0000	144,009	0	0	0
Mississippi	28	2	1,425	96	136,800	1.0000	144,009	144,009	85	1,694
Missouri	29	1	2,028	0	0	0.0000	182,656	0	0	0
Missouri	29	2	1,773	0	0	0.0000	182,656	0	0	0
Missouri	29	3	1,485	122	181,170	1.0000	182,656	182,656	112	1,631
Montana	30	0	1	44	44	1.0000	25,908	25,908	39	664
Nebraska	31	0	1	74	74	1.0000	40,066	40,066	67	598
Nevada	32	0	1	53	53	1.0000	34,921	34,921	47	743
New Hampshire	33	0	1	33	33	1.0000	19,761	19,761	32	618
New Jersey	34	0	1	121	121	1.0000	204,615	204,615	99	2,067
New Mexico	35	11	745	0	0	0.0000	68,118	0	0	0
New Mexico	35	20	701	0	0	0.0000	68,118	0	0	0
New Mexico	35	21	675	0	0	0.0000	68,118	0	0	0

MONTH: July
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	68,118	0	0	0
New Mexico	35	23	669	0	0	0.0000	68,118	0	0	0
New Mexico	35	24	632	0	0	0.0000	68,118	0	0	0
New Mexico	35	25	607	0	0	0.0000	68,118	0	0	0
New Mexico	35	26	590	0	0	0.0000	68,118	0	0	0
New Mexico	35	27	577	118	68,086	1.0000	68,118	68,118	94	725
New Mexico	35	28	563	0	0	0.0000	68,118	0	0	0
New Mexico	35	29	560	0	0	0.0000	68,118	0	0	0
New York	36	0	1	81	81	1.0000	869,902	869,902	70	12,427
North Carolina	37	0	1	89	89	1.0000	236,726	236,726	81	2,923
North Dakota	38	0	1	31	31	1.0000	14,755	14,755	26	568
Ohio	39	0	1	93	93	1.0000	367,306	367,306	77	4,770
Oklahoma	40	0	1	99	99	1.0000	122,220	122,220	94	1,300
Oregon	41	40	1,473	78	114,894	1.0000	112,532	112,532	72	1,563
Oregon	41	41	887	0	0	0.0000	112,532	0	0	0
Pennsylvania	42	0	1	95	95	1.0000	417,404	417,404	89	4,690
Rhode Island	44	0	1	64	64	1.0000	33,917	33,917	59	575
South Carolina	45	0	1	107	107	1.0000	139,234	139,234	95	1,466
South Dakota	46	0	1	29	29	1.0000	16,725	16,725	27	619
Tennessee	47	1	3,044	0	0	0.0000	240,778	0	0	0
Tennessee	47	2	2,291	104	238,264	1.0000	240,778	240,778	94	2,561
Texas	48	1	4,758	6	28,548	0.0370	695,754	25,727	6	4,288
Texas	48	2	6,197	6	37,182	0.0482	695,754	33,508	6	5,585
Texas	48	3	5,563	19	105,697	0.1369	695,754	95,253	15	6,350
Texas	48	4	5,380	6	32,280	0.0418	695,754	29,090	6	4,848
Texas	48	5	5,324	6	31,944	0.0414	695,754	28,788	6	4,798
Texas	48	6	4,898	24	117,552	0.1523	695,754	105,937	19	5,576
Texas	48	7	8,026	7	56,182	0.0728	695,754	50,631	6	8,438
Texas	48	8	6,663	13	86,619	0.1122	695,754	78,060	11	7,096
Texas	48	9	7,878	7	55,146	0.0714	695,754	49,697	7	7,100
Texas	48	10	9,308	15	139,620	0.1808	695,754	125,824	15	8,388
Texas	48	11	13,545	6	81,270	0.1053	695,754	73,240	6	12,207
Utah	49	0	1	70	70	1.0000	35,494	35,494	63	563
Vermont	50	0	1	39	39	1.0000	23,923	23,923	32	748
Virginia	51	0	1	84	84	1.0000	188,829	188,829	73	2,587
Washington	53	1	1,907	113	215,491	1.0000	182,122	182,122	78	2,335
Washington	53	2	1,618	0	0	0.0000	182,122	0	0	0
West Virginia	54	0	1,274	66	84,084	0.7607	114,057	86,766	53	1,637
West Virginia	54	20	499	53	26,447	0.2393	114,057	27,291	40	682
Wisconsin	55	4	761	35	26,635	0.3309	81,191	26,869	33	814
Wisconsin	55	6	761	34	25,874	0.3215	81,191	26,102	29	900
Wisconsin	55	21	394	71	27,974	0.3476	81,191	28,220	52	543
Wyoming	56	1	329	26	8,554	0.8290	10,266	8,511	20	426
Wyoming	56	2	294	6	1,764	0.1710	10,266	1,755	4	439
Guam	66	0	1	25	25	1.0000	5,462	5,462	25	218
Virgin Islands	78	0	1	22	22	1.0000	5,903	5,903	21	281

MONTH: August
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	0	0	0.0000	174,662	0	0	0
Alabama	1	2	1,766	99	174,834	1.0000	174,662	174,662	91	1,919
Alaska	2	31	553	27	14,931	1.0000	14,636	14,636	22	665
Alaska	2	32	261	0	0	0.0000	14,636	0	0	0
Arizona	4	1	1,285	0	0	0.0000	122,335	0	0	0
Arizona	4	2	1,111	111	123,321	1.0000	122,335	122,335	94	1,301
Arkansas	5	0	1	104	104	1.0000	100,941	100,941	94	1,074
California	6	1	11,570	0	0	0.0000	978,325	0	0	0
California	6	2	7,999	0	0	0.0000	978,325	0	0	0
California	6	3	90,066	3	270,198	0.2299	978,325	224,938	1	224,938
California	6	11	9,189	41	376,749	0.3206	978,325	313,640	26	12,063
California	6	12	5,230	101	528,230	0.4495	978,325	439,747	74	5,943
Colorado	8	1	1,000	0	0	0.0000	85,041	0	0	0
Colorado	8	2	647	129	83,463	1.0000	85,041	85,041	108	787
Connecticut	9	0	1	90	90	1.0000	94,584	94,584	83	1,140
Delaware	10	0	1	36	36	1.0000	18,288	18,288	31	590
District of Columbia	11	0	1	62	62	1.0000	38,908	38,908	50	778
Florida	12	1	5,531	0	0	0.0000	474,271	0	0	0
Florida	12	2	4,025	123	495,075	1.0000	474,271	474,271	97	4,889
Georgia	13	1	3,185	0	0	0.0000	264,520	0	0	0
Georgia	13	2	2,889	95	274,455	1.0000	264,520	264,520	83	3,187
Hawaii	15	0	1	81	81	1.0000	53,947	53,947	76	710
Idaho	16	0	1	56	56	1.0000	24,628	24,628	47	524
Illinois	17	21	2,459	0	0	0.0000	418,579	0	0	0
Illinois	17	22	2,245	71	159,395	0.3547	418,579	148,469	67	2,216
Illinois	17	41	5,201	0	0	0.0000	418,579	0	0	0
Illinois	17	42	4,603	63	289,989	0.6453	418,579	270,110	53	5,096
Indiana	18	0	1	96	96	1.0000	135,506	135,506	90	1,506
Iowa	19	0	1	100	100	1.0000	62,605	62,605	87	720
Kansas	20	1	627	0	0	0.0000	58,657	0	0	0
Kansas	20	2	541	105	56,805	1.0000	58,657	58,657	90	652
Kentucky	21	1	1,451	0	0	0.0000	165,346	0	0	0
Kentucky	21	2	1,255	141	176,955	1.0000	165,346	165,346	125	1,323
Louisiana	22	40	2,929	0	0	0.0000	207,100	0	0	0
Louisiana	22	50	1,650	132	217,800	1.0000	207,100	207,100	115	1,801
Maine	23	0	1	80	80	1.0000	55,470	55,470	70	792
Maryland	24	0	1	96	96	1.0000	146,595	146,595	88	1,666
Massachusetts	25	0	1	82	82	1.0000	136,419	136,419	69	1,977
Michigan	26	1	5,891	29	170,839	0.5702	344,010	196,160	27	7,265
Michigan	26	20	1,415	91	128,765	0.4298	344,010	147,850	87	1,699
Minnesota	27	0	1	82	82	1.0000	103,936	103,936	70	1,485
Mississippi	28	1	1,735	0	0	0.0000	143,717	0	0	0
Mississippi	28	2	1,425	95	135,375	1.0000	143,717	143,717	81	1,774
Missouri	29	1	2,028	0	0	0.0000	181,126	0	0	0
Missouri	29	2	1,773	0	0	0.0000	181,126	0	0	0
Missouri	29	3	1,485	117	173,745	1.0000	181,126	181,126	108	1,677
Montana	30	0	1	44	44	1.0000	25,691	25,691	37	694
Nebraska	31	0	1	74	74	1.0000	39,583	39,583	63	628
Nevada	32	0	1	52	52	1.0000	34,291	34,291	48	714
New Hampshire	33	0	1	33	33	1.0000	19,400	19,400	31	626
New Jersey	34	0	1	117	117	1.0000	202,512	202,512	94	2,154
New Mexico	35	11	745	0	0	0.0000	66,472	0	0	0
New Mexico	35	20	701	0	0	0.0000	66,472	0	0	0
New Mexico	35	21	675	0	0	0.0000	66,472	0	0	0

MONTH: August
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. (Prg Ops Data) d=c/(sum c)	FSP HHs In State e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	66,472	0	0	0
New Mexico	35	23	669	0	0	0.0000	66,472	0	0	0
New Mexico	35	24	632	0	0	0.0000	66,472	0	0	0
New Mexico	35	25	607	0	0	0.0000	66,472	0	0	0
New Mexico	35	26	590	0	0	0.0000	66,472	0	0	0
New Mexico	35	27	577	0	0	0.0000	66,472	0	0	0
New Mexico	35	28	563	118	66,434	1.0000	66,472	66,472	94	707
New Mexico	35	29	560	0	0	0.0000	66,472	0	0	0
New York	36	0	1	83	83	1.0000	866,015	866,015	69	12,551
North Carolina	37	0	1	89	89	1.0000	246,602	246,602	80	3,083
North Dakota	38	0	1	35	35	1.0000	14,103	14,103	31	455
Ohio	39	0	1	91	91	1.0000	359,647	359,647	83	4,333
Oklahoma	40	0	1	100	100	1.0000	122,685	122,685	95	1,291
Oregon	41	40	1,473	0	0	0.0000	110,320	0	0	0
Oregon	41	41	887	130	115,310	1.0000	110,320	110,320	107	1,031
Pennsylvania	42	0	1	94	94	1.0000	418,343	418,343	87	4,809
Rhode Island	44	0	1	64	64	1.0000	36,693	36,693	57	644
South Carolina	45	0	1	107	107	1.0000	138,380	138,380	91	1,521
South Dakota	46	0	1	30	30	1.0000	16,935	16,935	29	584
Tennessee	47	1	3,044	0	0	0.0000	238,038	0	0	0
Tennessee	47	2	2,291	103	235,973	1.0000	238,038	238,038	93	2,560
Texas	48	1	4,758	6	28,548	0.0370	686,943	25,401	6	4,234
Texas	48	2	6,197	6	37,182	0.0482	686,943	33,084	6	5,514
Texas	48	3	5,563	19	105,697	0.1369	686,943	94,047	17	5,532
Texas	48	4	5,380	6	32,280	0.0418	686,943	28,722	5	5,744
Texas	48	5	5,324	6	31,944	0.0414	686,943	28,423	5	5,685
Texas	48	6	4,898	24	117,552	0.1523	686,943	104,595	23	4,548
Texas	48	7	8,026	7	56,182	0.0728	686,943	49,989	5	9,998
Texas	48	8	6,663	13	86,619	0.1122	686,943	77,072	13	5,929
Texas	48	9	7,878	7	55,146	0.0714	686,943	49,068	6	8,178
Texas	48	10	9,308	15	139,620	0.1808	686,943	124,231	15	8,282
Texas	48	11	13,545	6	81,270	0.1053	686,943	72,312	5	14,462
Utah	49	0	1	67	67	1.0000	35,263	35,263	64	551
Vermont	50	0	1	38	38	1.0000	23,710	23,710	36	659
Virginia	51	0	1	83	83	1.0000	186,559	186,559	74	2,521
Washington	53	1	1,907	109	207,863	1.0000	163,801	163,801	81	2,022
Washington	53	2	1,618	0	0	0.0000	163,801	0	0	0
West Virginia	54	0	1,274	65	82,810	0.7867	113,298	89,129	51	1,748
West Virginia	54	20	499	45	22,455	0.2133	113,298	24,169	36	671
Wisconsin	55	4	761	34	25,874	0.3247	79,853	25,925	31	836
Wisconsin	55	6	761	35	26,635	0.3342	79,853	26,688	31	861
Wisconsin	55	21	394	69	27,186	0.3411	79,853	27,240	47	580
Wyoming	56	1	329	28	9,212	0.9126	9,949	9,080	26	349
Wyoming	56	2	294	3	882	0.0874	9,949	869	3	290
Guam	66	0	1	25	25	1.0000	5,471	5,471	21	261
Virgin Islands	78	0	1	23	23	1.0000	5,815	5,815	22	264

MONTH: September
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. d=c/(sum c)	FSP HHs In State (Prg Ops Data) e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
Alabama	1	1	2,116	0	0	0.0000	173,946	0	0	0
Alabama	1	2	1,766	100	176,600	1.0000	173,946	173,946	93	1,870
Alaska	2	31	553	17	9,401	0.6317	14,621	9,236	16	577
Alaska	2	32	261	21	5,481	0.3683	14,621	5,385	16	337
Arizona	4	1	1,285	0	0	0.0000	119,306	0	0	0
Arizona	4	2	1,111	108	119,988	1.0000	119,306	119,306	96	1,243
Arkansas	5	0	1	103	103	1.0000	101,246	101,246	93	1,089
California	6	1	11,570	0	0	0.0000	938,201	0	0	0
California	6	2	7,999	0	0	0.0000	938,201	0	0	0
California	6	3	90,066	0	0	0.0000	938,201	0	0	0
California	6	11	9,189	39	358,371	0.4018	938,201	377,004	31	12,161
California	6	12	5,230	102	533,460	0.5982	938,201	561,197	66	8,503
Colorado	8	1	1,000	0	0	0.0000	82,462	0	0	0
Colorado	8	2	647	125	80,875	1.0000	82,462	82,462	113	730
Connecticut	9	0	1	90	90	1.0000	94,705	94,705	83	1,141
Delaware	10	0	1	36	36	1.0000	18,214	18,214	32	569
District of Columbia	11	0	1	63	63	1.0000	39,188	39,188	48	816
Florida	12	1	5,531	0	0	0.0000	450,356	0	0	0
Florida	12	2	4,025	117	470,925	1.0000	450,356	450,356	104	4,330
Georgia	13	1	3,185	0	0	0.0000	264,870	0	0	0
Georgia	13	2	2,889	94	271,566	1.0000	264,870	264,870	82	3,230
Hawaii	15	0	1	82	82	1.0000	54,373	54,373	79	688
Idaho	16	0	1	54	54	1.0000	19,554	19,554	49	399
Illinois	17	21	2,459	0	0	0.0000	415,318	0	0	0
Illinois	17	22	2,245	72	161,640	0.3616	415,318	150,175	64	2,346
Illinois	17	41	5,201	0	0	0.0000	415,318	0	0	0
Illinois	17	42	4,603	62	285,386	0.6384	415,318	265,143	55	4,821
Indiana	18	0	1	93	93	1.0000	135,664	135,664	79	1,717
Iowa	19	0	1	99	99	1.0000	61,898	61,898	82	755
Kansas	20	1	627	0	0	0.0000	57,268	0	0	0
Kansas	20	2	541	103	55,723	1.0000	57,268	57,268	90	636
Kentucky	21	1	1,451	0	0	0.0000	164,880	0	0	0
Kentucky	21	2	1,255	141	176,955	1.0000	164,880	164,880	125	1,319
Louisiana	22	40	2,929	0	0	0.0000	204,173	0	0	0
Louisiana	22	50	1,650	132	217,800	1.0000	204,173	204,173	114	1,791
Maine	23	0	1	78	78	1.0000	54,938	54,938	71	774
Maryland	24	0	1	96	96	1.0000	144,231	144,231	89	1,621
Massachusetts	25	0	1	80	80	1.0000	133,038	133,038	68	1,956
Michigan	26	1	5,891	35	206,185	0.6182	339,340	209,774	34	6,170
Michigan	26	20	1,415	90	127,350	0.3818	339,340	129,566	83	1,561
Minnesota	27	0	1	79	79	1.0000	99,260	99,260	72	1,379
Mississippi	28	1	1,735	0	0	0.0000	141,663	0	0	0
Mississippi	28	2	1,425	94	133,950	1.0000	141,663	141,663	81	1,749
Missouri	29	1	2,028	0	0	0.0000	178,101	0	0	0
Missouri	29	2	1,773	0	0	0.0000	178,101	0	0	0
Missouri	29	3	1,485	113	167,805	1.0000	178,101	178,101	102	1,746
Montana	30	0	1	43	43	1.0000	25,113	25,113	39	644
Nebraska	31	0	1	73	73	1.0000	39,243	39,243	63	623
Nevada	32	0	1	52	52	1.0000	34,210	34,210	39	877
New Hampshire	33	0	1	33	33	1.0000	19,109	19,109	30	637
New Jersey	34	0	1	114	114	1.0000	195,342	195,342	90	2,170
New Mexico	35	11	745	0	0	0.0000	65,561	0	0	0
New Mexico	35	20	701	0	0	0.0000	65,561	0	0	0
New Mexico	35	21	675	0	0	0.0000	65,561	0	0	0

MONTH: September
 YEAR: 1997

State	Unedited IQCS Data						Edited QC Database Data			
	FIPS Code	Strat.	Samp. Interval a	Strat. Samp. Size b	FSP HHs in Strat. c=a*b	Strat. Share of State Samp. d=c/(sum c)	FSP HHs In State (Prg Ops Data) e	FSP HHs in Strat. f=d*e	Strat. Samp. Size g	Strat. Specific HH Wgt h=f/g
New Mexico	35	22	663	0	0	0.0000	65,561	0	0	0
New Mexico	35	23	669	0	0	0.0000	65,561	0	0	0
New Mexico	35	24	632	0	0	0.0000	65,561	0	0	0
New Mexico	35	25	607	0	0	0.0000	65,561	0	0	0
New Mexico	35	26	590	0	0	0.0000	65,561	0	0	0
New Mexico	35	27	577	0	0	0.0000	65,561	0	0	0
New Mexico	35	28	563	0	0	0.0000	65,561	0	0	0
New Mexico	35	29	560	117	65,520	1.0000	65,561	65,561	91	720
New York	36	0	1	80	80	1.0000	795,190	795,190	67	11,869
North Carolina	37	0	1	88	88	1.0000	233,516	233,516	79	2,956
North Dakota	38	0	1	30	30	1.0000	14,047	14,047	25	562
Ohio	39	0	1	90	90	1.0000	359,713	359,713	74	4,861
Oklahoma	40	0	1	98	98	1.0000	146,487	146,487	92	1,592
Oregon	41	40	1,473	0	0	0.0000	109,668	0	0	0
Oregon	41	41	887	127	112,649	1.0000	109,668	109,668	106	1,035
Pennsylvania	42	0	1	93	93	1.0000	420,597	420,597	84	5,007
Rhode Island	44	0	1	62	62	1.0000	34,787	34,787	55	632
South Carolina	45	0	1	106	106	1.0000	137,861	137,861	83	1,661
South Dakota	46	0	1	30	30	1.0000	16,816	16,816	28	601
Tennessee	47	1	3,044	0	0	0.0000	238,474	0	0	0
Tennessee	47	2	2,291	104	238,264	1.0000	238,474	238,474	95	2,510
Texas	48	1	4,758	6	28,548	0.0370	666,590	24,649	6	4,108
Texas	48	2	6,197	6	37,182	0.0482	666,590	32,103	5	6,421
Texas	48	3	5,563	19	105,697	0.1369	666,590	91,260	15	6,084
Texas	48	4	5,380	6	32,280	0.0418	666,590	27,871	5	5,574
Texas	48	5	5,324	6	31,944	0.0414	666,590	27,581	5	5,516
Texas	48	6	4,898	24	117,552	0.1523	666,590	101,496	17	5,970
Texas	48	7	8,026	7	56,182	0.0728	666,590	48,508	5	9,702
Texas	48	8	6,663	13	86,619	0.1122	666,590	74,788	13	5,753
Texas	48	9	7,878	7	55,146	0.0714	666,590	47,614	7	6,802
Texas	48	10	9,308	15	139,620	0.1808	666,590	120,550	13	9,273
Texas	48	11	13,545	6	81,270	0.1053	666,590	70,170	6	11,695
Utah	49	0	1	67	67	1.0000	36,065	36,065	58	622
Vermont	50	0	1	37	37	1.0000	23,135	23,135	30	771
Virginia	51	0	1	82	82	1.0000	184,284	184,284	67	2,751
Washington	53	1	1,907	0	0	0.0000	163,801	0	0	0
Washington	53	2	1,618	117	189,306	1.0000	163,801	163,801	92	1,780
West Virginia	54	0	1,274	75	95,550	0.8097	113,929	92,250	62	1,488
West Virginia	54	20	499	45	22,455	0.1903	113,929	21,679	37	586
Wisconsin	55	4	761	36	27,396	0.3508	79,016	27,720	33	840
Wisconsin	55	6	761	34	25,874	0.3313	79,016	26,180	33	793
Wisconsin	55	21	394	63	24,822	0.3179	79,016	25,116	44	571
Wyoming	56	1	329	30	9,870	0.9711	9,790	9,507	24	396
Wyoming	56	2	294	1	294	0.0289	9,790	283	1	283
Guam	66	0	1	25	25	1.0000	5,245	5,245	24	219
Virgin Islands	78	0	1	23	23	1.0000	5,822	5,822	20	291

APPENDIX C

FY 1997 FSP PARAMETERS

FSP NET INCOME SCREEN, FY 1997

Household Size	Income Screen (Dollars Per Month)		
	Continental U.S., Guam and Virgin Islands	Alaska	Hawaii
1	\$645	\$805	\$743
2	864	1,079	994
3	1,082	1,352	1,245
4	1,300	1,625	1,495
5	1,519	1,899	1,746
6	1,737	2,172	1,997
7	1,955	2,445	2,248
8	2,174	2,719	2,499
Each Additional	+219	+274	+251

SOURCE: U.S. Department of Agriculture, FNS.

NOTE: The fiscal year 1997 FSP net income limits are based on the 1996 poverty guidelines which were issued by the Department of Health and Human Services and published in the February 1996 Federal Register. FNS derived the fiscal year 1997 net income limits by dividing the 1996 poverty guidelines by 12 and rounding up to the nearest dollar. The 1996 poverty guidelines were developed on the basis of the 1995 Census poverty thresholds. The net income screen is effective from October 1, 1996 to September 30, 1997.

STANDARD DEDUCTION, FY 1997

Area	Standard Deduction
Alaska	\$229
Hawaii	189
Guam	269
Virgin Islands	118
Continental U.S.	134

SOURCE: U.S. Department of Agriculture, FNS.

NOTE: The standard deduction is adjusted each October 1 to reflect changes in the CPI-U for nonfood items and is effective from October 1, 1996 to September 30, 1997.

SHELTER AND DEPENDENT CARE LIMITS, FY 1997

Area	Shelter Limit (Until 12/31/96)	Shelter Limit (1/1/97 - 9/31/98)	Dependent Care Limit ^{a,b} (per dependent)
Alaska	\$429	434	\$200/175
Hawaii	353	357	200/175
Guam	300	304	200/175
Virgin Islands	182	184	200/175
Continental U.S.	247	250	200/175

^aThe household limit on the dependent-care deduction is equal to the maximum dependent-care deduction multiplied by the number of dependents in the household.

^bThe higher dependent-care deduction pertains to dependents under age 2; the lower deduction is for dependents age 2 or more.

SOURCE: U.S. Department of Agriculture, FNS.

NOTE: The maximum limit for excess shelter expense deductions is adjusted each October 1 to reflect changes in the shelter, fuel and utilities component of the CPI-U and is effective from October 1, 1996 to September 30, 1997.

MAXIMUM BENEFITS, FY 1997

Household Size	Guam	Alaska Urban	Alaska Rural I	Alaska Rural II	Hawaii	Virgin Islands	Continental U.S.
1	\$177	\$153	\$195	\$237	\$198	\$154	\$120
2	324	280	357	435	364	283	220
3	464	401	512	623	522	405	315
4	590	510	650	791	663	515	400
5	701	605	772	939	787	611	475
6	841	726	926	1,127	945	733	570
7	929	803	1,024	1,246	1,044	811	630
8	1,062	918	1,170	1,424	1,193	927	720
Each Additional	+133	+115	+146	+178	+149	+116	+90

SOURCE: U.S. Department of Agriculture, FNS.

NOTE: The maximum benefit values are effective from October 1, 1996 to September 30, 1997.

APPENDIX D

STATE AND REGION CODES

STATE FIPS CODES (STATE)

State	Code	State	Code
Alabama	01	New Hampshire	33
Alaska	02	New Jersey	34
Arizona	04	New Mexico	35
Arkansas	05	New York	36
California	06	North Carolina	37
Colorado	08	North Dakota	38
Connecticut	09	Ohio	39
Delaware	10	Oklahoma	40
Dist. of Columbia	11	Oregon	41
Florida	12	Pennsylvania	42
Guam	66	Puerto Rico	72
Georgia	13	Rhode Island	44
Hawaii	15	South Carolina	45
Idaho	16	South Dakota	46
Illinois	17	Tennessee	47
Indiana	18	Texas	48
Iowa	19	Utah	49
Kansas	20	Vermont	50
Kentucky	21	Virginia	51
Louisiana	22	Virgin Islands	78
Maine	23	Washington	53
Maryland	24	West Virginia	54
Massachusetts	25	Wisconsin	55
Michigan	26	Wyoming	56
Minnesota	27		
Mississippi	28		
Missouri	29		
Montana	30		
Nebraska	31		
Nevada	32		

SOURCE: U.S. Department of Agriculture, FNS.

FSP REGION CODES (REGIONCD)

Northeast (Region code = 1)

Connecticut
Maine
Massachusetts
New Hampshire
New York
Rhode Island
Vermont

Mid-Atlantic (Region code = 2)

Delaware
District of Columbia
Maryland
New Jersey
Pennsylvania
Virginia
West Virginia

Southeast (Region code = 3)

Alabama
Florida
Georgia
Kentucky
Mississippi
North Carolina
South Carolina
Tennessee

Midwest (Region code = 4)

Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin

Southwest (Region code = 5)

Arkansas
Louisiana
New Mexico
Oklahoma
Texas

Mountain Plains (Region code = 6)

Colorado
Iowa
Kansas
Missouri
Montana
Nebraska
North Dakota
South Dakota
Utah
Wyoming

West (Region code = 7)

Alaska
Arizona
California
Hawaii
Idaho
Nevada
Oregon
Washington

CENSUS REGION CODES (REGION)

Northeast (Region = 1)

Connecticut
Maine
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

Midwest (Region = 2)

Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

South (Region = 3)

Alabama
Arkansas
Delaware
District of Columbia
Florida
Georgia
Kentucky
Louisiana
Maryland
Mississippi
North Carolina
Oklahoma
South Carolina
Tennessee
Texas
Virginia
West Virginia

West (Region = 4)

Alaska
Arizona
California
Colorado
Hawaii
Idaho
Montana
Nevada
New Mexico
Oregon
Utah
Washington
Wyoming
Guam
Virgin Islands

APPENDIX E

INTEGRATED REVIEW SCHEDULE INPUT FORM

(For Optional State Use)

INTEGRATED REVIEW SCHEDULE

PRIVACY ACT/PAPERWORK NOTICE ACT: This report is required under provisions of 45 CFR 205.40 (AFDC), 7 CFR 275.14 (Food Stamp), and 42 CFR 431.800 (Medicaid). This information is needed for the review of State performance in determining recipient eligibility. The information is used to determine State compliance, and failure to report may result in a finding of non-compliance.

I. REVIEW SUMMARY

1. Review Number	1a. Case Number	2. State and Local Agency Codes	3. Sample Month and Year	4. Stratum	5. Review Type
6. Disposition		7. Review Findings		8. Amount of Error	
AFDC/ADULT	FS	MA	AFDC/ADULT	FS	AFDC/ADULT

II. CASE INFORMATION

9. Most Recent Opening				10. Prior Assistance	10. Most Recent Action			11. Type of Action	12. No. of Case Members	13. Liquid Assets		14. Real Property (Excl. Home)	15. Countable Vehicle Assets	16. Other Non-Liquid Assets	
ADULT	AFDC	FS	MA	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT	AFDC/ADULT

CASE INFORMATION - AFDC/ADULT

17. Monthly Payment Standard	18. Sample Month's Payment	19. Restricted Payment Status	20. Urban Child	21. Shelter Arrangement	22. Gross Countable Income	23. Work-Related Expenses	24. Child or Dependent Care Disregard	25. First \$30 and 1/3 of Remainder	26. Net Countable Income

CASE INFORMATION - FOOD STAMP

27. Case Classification	28. Months in Care/Placed	29. Coupon Allowance	30. Exped. Service	31. Adlt. Resp.	32. Gross Countable Income	33. Earned Income Deduction	34. Medical Cost	35. Shelter Cost	36. Dependent Care Cost	37. Net Countable Income

CASE INFORMATION - MEDICAID

38. Medical Expenses Used to Meet Spenddown Amount		39. Gross Countable Income	40. Net Countable Income
Type	Amount	Gross Countable Income	Net Countable Income

REVIEW NUMBER

(For Optional State Use)

VII. PAYMENT REVIEW INFORMATION - MEDICAID

77. Dollar Amount
of Paid Claims

78. Final Case
Elig. Status

79. Revised Initial Case
Liability Error

80. Spend-
down
Months

81. Total Claims Used
to Offset
Initial LU Errors

82. Final Dollar Amount
of Case Liability Errors

83. Final Dollar Amount of
Case Eligibility Errors

VIII. OPTIONAL - FOR STATE SYSTEMS ONLY

1.

2.

3.

4.