1996 National Health Interview Survey (NHIS)
Family Resources Public-use Imputed Data File
Income and Assets

This tape contains edited and imputed data for the Income and Assets portions (part D) of the 1996 Family Resources questionnaire for the NHIS. The other portions of the Family Resources (FR) Questionnaire or Section III from 1996 include Access to Care (part A), Health Care Coverage (Part B), and Private Plan and Coverage Detail (Part C). The tasks of cleaning, editing, and imputing missing data fields were completed by staff of the Division of Health Interview Statistics (DHIS) in consultation with James Lepkowski (of the Survey Research Center at the University of Michigan). The imputation methods programmed by DHIS staff are consistent with those developed for earlier years of the survey (1990-1992) by the Census Bureau and programmed by the Office of the Assistant Secretary for Planning and Evaluation. Complete documentation on the imputation procedures is available from the staff of DHIS at NCHS by request. The document is entitled: "Description of the allocation procedures for the Income Supplement items on the 1996 NHIS". Description of several important aspects about the file follow. Data that have been modified are identified by flag fields (see the flag cross-reference table at the end of this document). Data users should use great care in reading all preliminary notes and information embedded within the documentation specific to the fields of interest.

1. The 1996 National Health Interview Survey (NHIS) Family Resources data file on Income and Assets (FR) contains data from the income and assets supplement which collected information on employment, income from employment and businesses, other income sources including retirement and social security, and asset holdings including cars, houses, businesses, and investment properties. Additional information on the receipt of income from public programs including AFDC, SSI, and Food Stamps is also included. Users should be aware that all income items including the cumulative person and family fields (locations 581-586 and 587-592 respectively) have a reference period of the calendar month prior to the interview date. For those interested in calculating yearly income generated from employment or businesses, the number of months per year employed or engaged in a business are available in the following fields: 418-419 (item no. 2g), 437-438 (item no.

3f), 439-440 (item no. 3g), 470-471 (item no. 4j), 472-473 (item no. 4k).

2. The 1996 FR differs from other NHIS data tapes because it includes imputed or "allocated" data (using a hot deck method) when either a record for an interviewed individual or a specific data item(s) or amount(s) was missing. The specifications of the data allocation were originally written by personnel of the Census Bureau and modified and programmed by DHIS staff. The hot deck method essentially sorts persons into 'like' categories using race, sex, age, family status and other economic and health characteristics. The characteristics and categories used varies by the field being imputed. Fields with complete data within those like categories are then used to "allocate" data to like records with missing data on the fields of interest. Further details on the imputation methodology can be acquired from the imputation documentation.

   In years 1990-1992, complete record imputation occurred for records missing all data or those with less than three items completed. This was achieved by complete record substitution from donor records within the appropriate group of like persons. In 1996, fewer cases needed complete record imputation. The missing data items were imputed separately for each item. Records that have been imputed in their entirety can be identified if all field flags are equal to 1.

   Any allocated data can be identified by field-specific flags, which appear at the end of the record for each individual. A table of cross-referencing fields for each flag appears at the end of this documentation.

3. As a result of the Federal government furlough, two weeks of data collection were omitted in January of 1996. In addition, in order to test the redesign of the 1997 NHIS core questionnaire and its conversion to computer assisted personal interview, the sample was split between the old (paper) and new (computerized) versions of the core questionnaire. This data file includes only data obtained from the paper version of the NHIS questionnaire. As a result, the sample size is considerably smaller than in the previous year (63,402 vs. 102,467). The weights have been adjusted for these factors to produce national estimates.

4. One major difference between the questionnaire and the data on the tape is the deletion of the following items: 5b; 14e,f; 15e,f; 16 e,f. These items were eliminated because they were follow-up questions for persons who did not give values for interest and dividend income. The imputation process was used to impute values for those who did not report these income items, and thus the follow up questions are not relevant.

5. One important feature of the imputation process users should be aware of concerns the income fields, especially for those using them in families. For income items that are reported for more than one person per family, the respondent is asked to give a figure and then when asked about subsequent members of the family is given the option of saying that the income figure given previously included the income of the specific person. See item 6d as an example. The highest reported income for a family member is divided equally among all those persons for whom the already included box is checked. The only exception is social security income for which a different algorithm is used. Details of the method are available in additional documentation discussed above.

6. The 1996 FR data file is arranged in the following manner:

   a. The NHIS person record from the core questionnaire (locations 1-189, 237-341)
   b. The weight fields (locations 190-236)
   c. Fields needed for calculating variances (locations 342-358)
   d. Work experience and current earnings (locations 400-475)
   e. Income from other sources (locations 476-553) including income from public programs including welfare, SSI, SSDI, and the cash value of food stamps.
   f. Asset ownership and valuation (locations 554-570)
   g. Total edited income (locations 581-586 and 587-592)
   h. Flag fields (locations 593-654)

   (Note: All data from the Family Resources supplement have been shifted to start in location 400 in order to accommodate a longer public use person record required by the new sample design that was implemented in 1995.)

7. Weights and variances

Since the NHIS uses a multistage, stratified, cluster sample design to represent the civilian non-institutionalized population of the United States, weights must be used to make accurate estimates based on data from the National Health Interview Survey. A set of weights are included on the 1996 file:

The first weight listed below (i.e. the Final Basic Weight) will be used in most analyses of the FR data.

The **Final Basic Weight** (location 219-227) is the equivalent of the Annual Final Basic Weight found on the NHIS Person Record of the Basic Health and Demographic component of the survey (i.e. the Core questionnaire). A national estimate of all person level variables can be made using this weight.

This weight is used in conjunction with FR data items in file locations 400-655.

Because the income data was collected only for the calendar month prior to the date of interview, adjustments by the analyst must be made to obtain annual data. As noted above, the user can identify the number of months per year a person worked or had a business in the last 12 months in order to obtain this calculation. Note that the total income fields are monthly composites.

The **Final Quarter Basic Weight** before age-sex-race/ethnicity adjustment (loc. 172-177) is required by some software packages for variance estimation for surveys with complex sample designs. This weight is also included on the file.

As mentioned above, the sample design for the NHIS was changed for 1995. Data from 1996 can be combined with data from previous years, however, special techniques for variance estimation are needed. Consult a mathematical statistician.

One important aspect of using imputed data in the calculation of variances is that analysts often use the imputed data as if it were observed. Thus, if the actual

number of cases observed is **a** and the number of values imputed is **b**, when imputed cases are treated as observed, the total number of records will equal **a+b**. The true sample size is **a**, however, and the variances will be substantially under-estimated because they will be calculated on a larger sample than is actually observed. Analysts may consider scaling weights to reflect the true sample size.

There are a number of computer software programs that yield variance estimates for data based on complex sample designs. Some are based on replication approaches and others are based on Taylor linearization approaches. These programs require sample design variables for estimating variance. For this purpose, included on the FR data file is stratum (loc. 354-357), PSU (loc. 358), the substratum (loc. 342-343), secondary sampling unit (loc. 344-350), and Panel 4 (loc. 352). These variables and weights are necessary for directly calculating sampling variances. See the attached documentation on variance estimation for 1996 data which appears after the flag cross reference table.

8. Estimating annual numbers of events or conditions

a. To reduce respondent error, the recall period for questions about some events is limited to two weeks. These events are: bed days and other restricted activity days, work loss and school loss days, and doctor visits. The two-week variables are found in locations 98-107 and 120-121. Estimates of the total number of occurrences of these events in the population can be derived as follows:

Number of events x 26 (number of two-week periods in a year) x Final Basic Weight

= Total number of events occurring in the population during the annual period, i.e. 1996.

Example: Number of bed days (Loc. 100-101) x 26 x Final Basic Weight (Loc. 219-227) = total number of bed days reported for the population in 1996.

b. The recall period for acute incidence conditions is also two weeks and a national estimate of the total number of acute incidence conditions is calculated using the same procedures as for two-week events for the annual period.

Number of acute incidence conditions x 26 x Final Basic Weight

= Total number of acute incidence conditions occurring in the population during 1996.

Note: An acute incidence condition is an acute condition with onset during the two weeks preceding the date of interview.

c. The recall period for information on hospitalizations is 12 months. However, in calculating number of discharges (Locations 132-133, 137-138), only discharges occurring in the past 6 months are counted. Therefore, the weighted estimates must be calculated as follows:

Number of discharges x 2 x Final Basic Weight

= Total number of discharges occurring in the population in 1996.

9. Calculation of rates for events and conditions:

The number of events or conditions estimated for the population, as described in item 8, above, can be used as the basis for calculating rates of occurrence of these events (or conditions) per person and per 100 persons for the total U.S. population and for various population subgroups.

Note: Only rates can be estimated from these data. The percent of the population experiencing a particular type of event during the data year cannot be estimated. (The percent of the population experiencing the event in the reporting period (i.e. two weeks or 6 months) can be estimated but is generally not meaningful.)

10. Data on hospital episodes and days, based on a 12-month recall are in locations 122-131. The Final Basic Weight is

used for calculating estimates of these events in the same way it is used for all other person-based variables. These variables do permit estimating the percent of the population in this annual period experiencing a hospital episode in the past year and the percent of that population having a specified number of hospital days.

11. Guidelines for Citation of Data

With the goal of mutual benefit, the National Center for Health Statistics (NCHS) requests that recipients of data files cooperate in certain actions related to their use.

Any published material derived from the data should acknowledge NCHS as the original source. The suggested citation to appear at the bottom of all tables is as follows:

Source: National Center for Health Statistics (2000)

When cited in a bibliography, the suggested citation should read:

National Center for Health Statistics (2000). Data File Documentation, National Health Interview Survey, Family Resources Supplement, 1996 (machine readable data file and documentation), National Center for Health Statistics, Hyattsville, Maryland.

The published material should also include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author (recipient of the data file) and not to NCHS, which is responsible only for the initial data. Consumers who wish to publish a technical description of the data should make a reasonable effort to insure that the description is not inconsistent with that published by NCHS.

Flag Cross-reference Table: Item name (variable) and its associated imputation flag fields - 1996

| File Location | Item Name and Questionnaire Number | Matrix Flag Location* |
|---|---|---|
| 401 | Employer or self-employed (Item 1b) | 607 |
| 402-403 | Hours per week on job(Item 2a) | 606,612 |
| 404 | Paid by hour (Item 2b) | 612 |
| 405-409 | Income from main job (Item 2c) | 612,615 |
| 410 | Time on main job (Item 2d) | 615 |
| 413-417 | Income from other jobs (Item 2f) | 615 |
| 418-419 | Months in job or business (Item 2g) | 609 |
| 420-421 | Hours per week in business(Item 3a) | 613 |
| 422 | Income from main business-loss (Item 3b) | 616 |
| 423-427 | Income from main business (Item 3b) | 616 |
| 428 | Time in main business (Item 3c) | 616 |
| 429-430 | Hours other business (Item 3d) | 613 |
| 431 | Income from other businesses - -loss (Item 3e) | 616 |
| 432-436 | Income from other businesses (Item 3e) | 616 |
| 437-438 | Months self-employed other (Item 3f) | 616 |
| 439-440 | Months in job or business (Item 3g) | 610 |
| 441-442 | Hours per week in job or business(Item 4a) | 614 |

| File Location | Item Name and Questionnaire Number | Matrix Flag Location* |
|---|---|---|
| 443 | Job or business (Item 4b) | 608 |
| 444 | Paid by hour at main job (Item 4c) | 614 |
| 445-449 | Income from main job(Item 4d) | 617 |
| 450 | Income from main business - loss (Item 4e) | 617 |
| 451-455 | Income from main business (Item 4e) | 617 |
| 456 | Time in main job/business (Item 4f) | 617 |
| 457-458 | Hours other job/business (Item 4g) | 614 |
| 459 | Income from other businesses - -loss (Item 4h) | 617 |
| 460-464 | Income from other businesses (Item 4h) | 617 |
| 465-469 | Income from other jobs (Item 4i) | 617 |
| 470-471 | Months self-employed (Item 4j) | 617 |
| 472-473 | Months in job or business (Item 4k) | 611 |
| 474 | Number employees at all sites (Item 5a) | 652,653,654 |
| 477 | Person receive SS/RR (Item 6b) | 593 |
| 478-481 | Dollar received SS/RR (Item 6d) | 593,594 |
| 482-483 | Months received SS/RR (Item 6e) | 593,594 |
| 484 | SS/RR received as disability benefit (Item 6f) | 593,595 |
| 485 | SS/RR received due to disability (Item 6g) | 593,595,596 |

| File Location | Item Name and Questionnaire Number | Matrix Flag Location* |
|---|---|---|
| 486 | Anyone apply do SSA (Item 7a) | 595 |
| 487 | Person apply for SSA (Item 7b) | 593,595,597 |
| 488-489 | Times applied (Item 7d) | 593,597,598 |
| 490 | Anyone receive SSI (Item 8a) | 599 |
| 492-495 | Dollar received SSI (Item 8d) | 599,600 |
| 496-497 | Months received SSI (Item 8e) | 599,600 |
| 499 | Person apply for SSI (Item 9b) | 599,601 |
| 500-501 | Times applied (Item 9d) | 599,601,602 |
| 503 | Person received other disability pension (Item 10b) | 618 |
| 504-507 | Dollar received for other disability pension (Item 10d) | 618,619 |
| 509 | Person received other pension (Item 11b) | 620 |
| 510-514 | Dollar received for other pension (Item 11d) | 620,621 |
| 516 | Person received welfare (Item 12b) | 603 |
| 517 | Type of welfare (Item 12d) | 603,605 |
| 518-519 | Number of months received (Item 12e) | 603,604 |
| 520-523 | Dollar received from welfare (Item 12f) | 603,604 |
| 524 | Anyone receive foodstamps (Item 13a) | 622 |
| 525-528 | Total dollar value of foodstamps(Item 13b) | 622,623 |
| 530 | Person earn interest income (Item 14b) | 624 |
| 531-534 | Dollar received in interest(Item 14d) | 624,625,626 |

| File Location | Item Name and Questionnaire Number | Matrix Flag Location* |
|---|---|---|
| 538 | Person earn dividend income (Item 15b) | 627 |
| 539 | Dollar received in dividend income--loss (Item 15d) | 627,628 |
| 540-543 | Dollar received in dividend income (Item 15d) | 627,628,629 |
| 547 | Person earn other income (Item 16b) | 630 |
| 548-551 | Dollar received in other income (Item 16d) | 630,631,632 |
| 554 | Own vehicle (Item 17a) | 633 |
| 555 | Worth of vehicle (Item 17b) | 633,634 |
| 556 | Owned or bought house/apt (Item 18a(1) | 635 |
| 557 | Rented house/apt (Item 18a(2)) | 635,636 |
| 558 | Occupy without payment house/apt (Item 18a(3)) | 635,636 |
| 559 | Value of house/apt (Item 18b) | 635,636,637,638,641 |
| 560 | Paid or money owed (Item 18c) | 635,636,637,639 |
| 561 | Monthly mortgage payment (Item 18d) | 635,636,637,638, 639,640 |
| 562 | Monthly rent payment (Item 18e) | 635,636,642,644 |
| 563 | Rent include meals (Item 18f) | 635,636,642,643 |
| 564 | Own other assets (Item 19) | 645 |
| 565 | Own other property (Item 20a) | 645,646 |
| 566 | Net value of other property (Item 20b) | 645,646,647 |
| 567 | Own business, farm, practice (Item 21a) | 645,648 |

| File Location | Item Name and Questionnaire Number | Matrix Flag Location* |
|---|---|---|
| 568 | Net value of business, farm, practice (Item 21b) | 645,648,649 |
| 569 | Own other savings, assets, property (Item 22a) | 645,650 |
| 570 | Net value of other savings, assets, property (Item 22b) | 645,650,651 |

* multiple flag locations are possible for any item because some fields use more than one field for imputation.

VARIANCE ESTIMATION FOR PERSON DATA USING THE
NHIS PUBLIC USE PERSON DATA TAPE, 1995-2004

April 17, 1998

**About this document**:

This document provides basic design information about the 1995-2004 NHIS and presents methods to compute standard errors for each annually released person-level database. This document focuses upon a full-sample NHIS Core survey that is anticipated for each data collection year. For some years the full-sample methods need to be modified to account for design changes. In particular, the **1996** NHIS has a sample size which is quite different from the 1995 NHIS. Also, Supplemental surveys may require modified methods. Some notes about these modifications appear at the end of this document.

Contents

**VARIANCE ESTIMATION FOR PERSON DATA USING THE NHIS PUBLIC USE PERSON DATA TAPE, 1995**

**Introduction:** The data collected in the NHIS are obtained through a complex sample design involving stratification, clustering, and multistage sampling, and the final weights are subject to several adjustments. Any variance estimation methodology must involve numerous simplifying assumptions about the design and weighting. We provide some oversimplified conceptual NHIS design structures that should allow users of this Public Use Data Set to compute reasonably accurate standard errors.

There are several available software packages for analyzing complex samples. A comparison is beyond the scope of this document, but an Internet web page *Summary of Survey Analysis Software* currently located at **http://www.fas.harvard.edu/~stats/survey-soft/survey-soft.html** provides references and discussion. At NCHS the software package SUDAAN® has been used to produce standard errors. In this document SAS® and SUDAAN® computer code is provided, but without guarantees of any kind. The computer code and methods are subject to change without notification to the user. The entire risk as to the results and performance is assumed by the user. NCHS recommends that any analysis of NHIS data be done under the supervision of a statistician who understands the implications of complex-sample design surveys.

**Conceptual NHIS design for 1995** The U.S. Bureau of the Census partitions the state counties or equivalents along with metropolitan areas into a universe of about 1900 Primary Sampling Units (PSUs) (note, PSUs may be combined counties) to provide the primary sampling areas for its many national surveys. For the NHIS, these universe PSUs are partitioned into geographical strata at the state level. Some of the larger universe PSUs are self-representing (SR) , i.e, they are in the NHIS with certainty. The other PSUs are called non-self-representing (NSR) or non-certainty PSUs. Within each state the NSR PSUs are partitioned into strata based upon similarity of PSU characteristics. Within each NSR stratum 2 PSUs are selected using Durbin's probability proportional to size (PPS) sampling method using the population as a measure of size. (In some smaller states only 1 PSU is drawn PPS). The SR PSUs are equivalent to strata, but historically they have been referred to as PSUs. (PPS and Durbin sampling are discussed in Chapter 9A of Cochran (1977)).

Within a sampled NSR or SR PSU the geography is partitioned into smaller geographical clusters which are used to form the universe of secondary sampling units (SSUs). These SSUs are then partitioned into density strata based upon black and Hispanic population concentration as determined by the 1990 Decennial Census. An additional strata for new construction since the last Decennial Census is also created. Within each density stratum SSUs are sampled at different rates to meet different design objectives. Within each sample SSU, all households containing black or Hispanic persons are sampled, while all other households are subsampled. Supplemental NHIS surveys may require additional sampling at SSU, household, or family levels.

The fundamental sampling weights are created such that under ideal sampling conditions, unbiased estimators for each level of sampling are available. In practice, however, the final sampling weights are adjusted for non-response, and ratio adjusted. Furthermore, in 1995 a government shutdown resulted in three lost weeks of sample which resulted in further weighting adjustments. The most important adjustment is a quarterly post-stratification to 88 age/sex/race/ethnicity Census control totals.

For variance estimation purposes, NCHS treats the NHIS as a two-stage sample. The PSU probabilities of selection are known, and the SSUs are treated as sampled with replacement within PSU density strata. Sampling weights are adjusted by postratification. With these assumptions the SUDAAN software is used to compute variances. Much of the design information, state, density strata, and Durbin probabilities can be used to identify the smaller geographical areas. NCHS forbids the disclosure of information which may compromise the confidentiality promised to survey respondents, so some design information is not provided with the Public Use Data. While all design information is not available to the public, variance estimation methods exist which provide similar results to the NCHS internally used methodology. Two methods are described below.

**Design Information Available on the NHIS Public Use Databases**

**; CAUTION** For 1996 databases, refer to the Notes at the end of this document

The following variables are used to produce code for variance estimation. Field locations below are from the PERSON level database, but may change on other databases; the user should check the file documentation.

| Variable Name | Location | Field Label |
|---|---|---|
| STRAT_V | 337-340 | 'STRATA FOR VARIANCE ESTIMATION' |
| PSU_V | 341 | 'PSU FOR VARIANCE ESTIMATION' |
| SUB_V | 342-343 | 'SUBSTRATUM FOR VARIANCE ESTIMATION' |
| SSU | 344-350 | 'SECONDARY SAMPLING UNIT' |
| PANEL | 352 | 'PANEL 4' |
| TYPE_PSU | 351 | 'TYPE OF PSU' |
| WTF | 219-227 | 'FINAL BASIC WEIGHT' |

Two methods of variance estimation are now provided.

**Method 1 - 187 Strata containing 2 PSUs per stratum sampled with replacement**

Here, the NHIS universe has been partitioned into 187 strata. Most of the original NHIS strata and PSUs retain their original sampling structure with two PSUs being sampled per stratum, but a few strata have been collapsed, and in the largest self-representing strata, two pseudo-PSUs have been created. All PSUs are treated as sampled with replacement within their respective strata. This method will provide somewhat conservative standard errors, and the standard error estimator itself has less stability than the standard error estimator described by Method 2 below. Method 1 should be applicable to many complex survey sample design computer programs which require exactly 2 sampled PSUs per stratum. This method is robust when analyzing subsetted data (see the section "Subsetted Data Analysis" below).

Coding required, ( SAS® code provided ):

```
STRATUM  = STRAT_V  ;

PSU = PANEL  ;

IF (PSU_V = 5 ) THEN PSU = INT ( ( PANEL + 1) / 2 ) ;

IF( PSU_V = 8 ) THEN STRATUM  = 553 ;

IF(  (TYPE_PSU  = 1) AND (PSU_V IN (2,4) )  ) THEN STRATUM = (STRAT_V -1 );

IF( (STRAT_V  = 921)  AND (PSU_V  = 3) )  THEN STRATUM  = 901 ;
```

As a check the user should observe 374 PSUs when using the full database.

For the above simplification of the NHIS sample design structure, the following SUDAAN® design statements may be used. (Note, the input file must first be sorted by STRATUM and PSU variables).

```
PROC ...   DESIGN = WR;
NEST       STRATUM PSU ;
WEIGHT     WTF ;
```

See the Section "Worked SUDAAN Examples" below for further discussion.

**Method 2 - Multiple PSUs per Stratum design sampled with replacement**

This method provides for more statistically efficient variance estimation than Method 1, since it makes better use of the sampling design information. Its application is limited to software that can handle multiple PSUs per stratum, e.g., SUDAAN. For this method the original certainty PSUs are partitioned by aggregations of the original race-ethnic density strata used in sampling. The first randomly sampled unit is actually the SSU variable which is now treated as the PSU variable. (Note, a certainty PSU unit contributes nothing to the variance at the PSU sampling level). Non-certainty-strata PSUs are treated as being sampled with replacement within their respective strata. Except for a few special cases, the non-certainty PSUs have exactly the same structure in both Methods 1 and 2.

Coding required, ( SAS® code provided ):

```
IF TYPE_PSU = 1 THEN DO ;    /* certainty strata PSUs    */

    STRATUM = STRAT_V*1000 + SUB_V ;
          PSU     = SSU              ;
          END;

 ELSE DO ;              /* non-certainty PSU */  ;

    STRATUM = STRAT_V ;
         PSU     =   PSU_V    ;
          END;
```

As a check, the user should observe the following counts:

| | |
|---|---|
| Certainty Strata PSUs | 4079 |
| Non-certainty Strata PSUs | 259 |
| Total PSUs | 4338 |

For the Method 2 design structure, the following SUDAAN® design statements may be used. (Note, the input file must first be sorted by STRATUM and PSU variables.)

```
PROC ...   DESIGN = WR;
NEST       STRATUM PSU ;
WEIGHT     WTF ;
```

See the Section "Worked SUDAAN Examples" for further discussion.

**;CAUTION**. Method 2 should only be used on a full sample person data base. Using this method with subsetted data may lead to incorrectly computed standard errors. ( See the section "Subsetted Data Analysis" below). If using a subsetted data set, the user should check the degree of agreement of the certainty and non-certainty counts with the values presented above.

**;CAUTION**

A typically used rule-of-thumb for degrees of freedom to associate with a standard error is the quantity (number of PSUs - number of strata). This rule assumes that the PSUs are somewhat comparable in size. For Method 2 this rule may be grossly inaccurate since the concept of PSU is quite different for certainty and non-certainty strata. Certainty strata PSUs of Method 2 have small weighted values relative to those of non-certainty PSUs. The rule-of-thumb degrees of freedom for Method 1 is 187, and Method 2 should have a "true" degrees of freedom exceeding that of Method 1. However, for practical purposes, any degrees of freedom exceeding 120 can be treated as infinite, i.e., one uses a normal Z-statistic instead of a t-statistic for testing. Note, that a one-tailed critical $t_{0.025}$ at 120 degrees of freedom is 1.98 while at an infinite degrees of freedom ( i.e., a z-value ) is 1.96. If a variable of interest covers most of the NHIS PSUs, the limiting value would probably be adequate for analysis. The user should consult a mathematical statistician for discussion of degrees of freedom.

**SUBSETTED DATA ANALYSIS**

Frequently, studies of NHIS variables are restricted to select subdomains, e.g., persons aged 65 and older. To save on storage the user may delete all records outside of the domain of interest. This procedure of keeping only select records is called subsetting the data. With a subsetted data set one can produce correct point estimates, e.g., the subdomain means, but standard errors may be computed incorrectly when using a compromised design structure. For example, if a stratum of Method 2 contains 10 PSUs and 5 are lost because of subsetting, a SUDAAN run on the subsetted data will use an incorrect formula to compute stratum contributions to the variance. If the full data are run, SUDAAN correctly handles the 5 empty PSUs. Note, that SUDAAN has a SUBPOPN option that allows the targeting of a subdomain from a full design data base. ( See the SUDAAN manual for details ).

Subsetting methods with SUDAAN

*Strategy 1.* Use Method 1 above with the MISSUNIT option on the NEST statement -

***NEST*** **STRATUM PSU/ MISSUNIT ;**

If a WR design has exactly 2 PSUs per stratum and some PSUs are removed from the database then the SUDAAN MISSUNIT option performs a fix-up which produces a standard error identical to that achieved when using a full data set and SUBPOPN statement. Note, other output like design effects, degrees of freedom, standardization may be computed differently. The user is responsible for checking that subsetted input leads to correct results.

*Strategy 2.* Use Method 1 or 2 above on a "fixed-up" subsetted data set. Basically, one needs to add some dummy records containing full design information to the subsetted data set. To do this follow these instructions:

1. Create a 2-variable file containing STRATUM and PSU for each record of the full person file ( 100,000+ records )

2. Sort this file by STRATUM and PSU within STRATUM.

3. Keep only 1 record for each PSU
   add WTF = $10^{-10}$ as a very small weight
   add variable DUMMY = 0 to designate dummy record

A file, called DESIGN containing 4 variables with
374 records ( Method 1 used) or with
4338 records (Method 2 used) is created

4. Append DESIGN to the original subsetted database, called DATASET, to form a new set, called DATANEW.

   Define DUMMY = 1 on the DATASET component.

   On the DESIGN component records define all variables other than STRATUM, PSU, WTF, DUMMY as missing "." .

5. Sort DATANEW by STRATUM PSU

6. In SUDAAN use a "*SUBPOPN* DUMMY = 1;" line to direct SUDAAN to restrict estimation to the subdomain of interest.

With the above fix-up SUDAAN will correctly handle empty PSUs when computing the standard errors. SUDAAN output that needs the entire full sample database for correct computation, e.g, design effects, may or may not be appropriate. See the SUDAAN manual for computational forms or consult with a mathematical statistician for correct interpretation.

Other notes on Subsetting data:

If a subsetted database under Method 2 has only a few missing PSUs , the subsetted database can probably be run with SUDAAN without being fixed up. For example, a subsetting by SEX will most likely result in all PSUs still being in sample, but black males aged 65 and older would result in the loss of many PSUs. The impact of running SUDAAN on uncorrected subsetted data varies. Frequently, subsetted runs produce results consistent with those run on a full data set, but sometimes they do not.

Subsetting by aggregates of Strata does not need a fix-up.

The condition, doctor visit, and hospital record databases are actually subsetted files. To use with SUDAAN properly, the information should be linked back to the appropriate person on the person file. Some statistics, based upon aggregation of records, may be computed directly from this file along with the fix-up. Consult with a statistician for appropriate SUDAAN usage.

**WORKED SUDAAN EXAMPLES**

In the following runs the variables used are

LDR = proportion of persons without a doctor visit in the last 2 years

TDV_R = mean number of annual doctor visits (based upon 2 week recall)

HLT_FP = proportion of persons with self-reported fair or poor health status ( omitting missing)

AGE2 : 1 = aged less than 18
2 = aged 18 to 44
3 = aged 45 to 64
4 = aged 65 and older

The following SUDAAN code was executed for both Method 1 and Method 2:

**; Caution** The output presented below is based upon a preliminary NHIS Public Use database. Your Public Use database may produce slightly different SUDAAN output.

```
PROC DESCRIPT  DATA = HIS.infile     FILETYPE=SAS DESIGN = WR;

NEST      STRATUM PSU    ;
WEIGHT   WTF;

VAR    LDR    TDV_R    HLT_FP ;

SUBGROUP    SEX  AGE2;
LEVELS        2    4;
TABLES        SEX   AGE2;

 PRINT    NSUM WSUM MEAN SEMEAN
        / WSUMFMT=F10.0    MEANFMT=F8.5    SEMEANFMT=F8.5    ;
```

Method 1: partial output:

```
                              S U D A A N
           Software for the Statistical Analysis of Correlated Data
          Copyright      Research Triangle Institute      April 1996
                                 Release 7.00


Number of observations read    : 102467    Weighted count :261889548
Number of observations skipped :      0
(WEIGHT variable nonpositive)
Denominator degrees of freedom :    187

                            Research Triangle Institute
                              The DESCRIPT Procedure

by: Variable, SEX.
```

| Variable | | SEX | | |
|---|---|---|---|---|
| | | Total | 1 | 2 |
| LDR | Sample Size | 102467 | 48809 | 53658 |
| | Weighted Size | 261889549 | 127570237 | 134319312 |
| | Mean | 0.13797 | 0.18013 | 0.09793 |
| | SE Mean | 0.00178 | 0.00250 | 0.00178 |
| TDV_R | Sample Size | 102467 | 48809 | 53658 |
| | Weighted Size | 261889549 | 127570237 | 134319312 |
| | Mean | 5.90759 | 4.90385 | 6.86089 |
| | SE Mean | 0.09060 | 0.10039 | 0.12407 |
| HLT_FP | Sample Size | 101277 | 48266 | 53011 |
| | Weighted Size | 258963568 | 126221708 | 132741859 |
| | Mean | 0.10126 | 0.09124 | 0.11079 |
| | SE Mean | 0.00157 | 0.00188 | 0.00176 |

```
by: Variable, AGE2.
```

| Variable | | AGE2 | | | | |
|---|---|---|---|---|---|---|
| | | Total | 1 | 2 | 3 | 4 |
| LDR | Sample Size | 102467 | 29711 | 40801 | 20000 | 11955 |
| | Weighted Size | 261889549 | 70670755 | 108040689 | 51713265 | 31464840 |
| | Mean | 0.13797 | 0.08894 | 0.18489 | 0.14461 | 0.07606 |
| | SE Mean | 0.00178 | 0.00269 | 0.00268 | 0.00293 | 0.00251 |
| TDV_R | Sample Size | 102467 | 29711 | 40801 | 20000 | 11955 |
| | Weighted Size | 261889549 | 70670755 | 108040689 | 51713265 | 31464840 |
| | Mean | 5.90759 | 4.29682 | 4.88589 | 7.08504 | 11.09843 |
| | SE Mean | 0.09060 | 0.09797 | 0.12432 | 0.17859 | 0.30642 |
| HLT_FP | Sample Size | 101277 | 29183 | 40423 | 19834 | 11837 |
| | Weighted Size | 258963568 | 69438212 | 107054300 | 51315866 | 31155190 |
| | Mean | 0.10126 | 0.02552 | 0.06610 | 0.16651 | 0.28344 |
| | SE Mean | 0.00157 | 0.00129 | 0.00168 | 0.00356 | 0.00519 |

## Method 2 Partial Output

```
                              S U D A A N
           Software for the Statistical Analysis of Correlated Data
          Copyright      Research Triangle Institute      April 1996
                                Release 7.00

Number of observations read    : 102467    Weighted count :261889548
Number of observations skipped :      0
(WEIGHT variable nonpositive)
Denominator degrees of freedom :   4030


                            Research Triangle Institute
                              The DESCRIPT Procedure


by: Variable, SEX.
```

| Variable | | SEX | | |
|---|---|---|---|---|
| | | Total | 1 | 2 |
| LDR | Sample Size | 102467 | 48809 | 53658 |
| | Weighted Size | 261889549 | 127570237 | 134319312 |
| | Mean | 0.13797 | 0.18013 | 0.09793 |
| | SE Mean | 0.00174 | 0.00231 | 0.00184 |
| TDV_R | Sample Size | 102467 | 48809 | 53658 |
| | Weighted Size | 261889549 | 127570237 | 134319312 |
| | Mean | 5.90759 | 4.90385 | 6.86089 |
| | SE Mean | 0.07704 | 0.08503 | 0.11403 |
| HLT_FP | Sample Size | 101277 | 48266 | 53011 |
| | Weighted Size | 258963568 | 126221708 | 132741859 |
| | Mean | 0.10126 | 0.09124 | 0.11079 |
| | SE Mean | 0.00152 | 0.00174 | 0.00182 |

```
by: Variable, AGE2.
```

| Variable | | AGE2 | | | | |
|---|---|---|---|---|---|---|
| | | Total | 1 | 2 | 3 | 4 |
| LDR | Sample Size | 102467 | 29711 | 40801 | 20000 | 11955 |
| | Weighted Size | 261889549 | 70670755 | 108040689 | 51713265 | 31464840 |
| | Mean | 0.13797 | 0.08894 | 0.18489 | 0.14461 | 0.07606 |
| | SE Mean | 0.00174 | 0.00271 | 0.00254 | 0.00303 | 0.00269 |
| TDV_R | Sample Size | 102467 | 29711 | 40801 | 20000 | 11955 |
| | Weighted Size | 261889549 | 70670755 | 108040689 | 51713265 | 31464840 |
| | Mean | 5.90759 | 4.29682 | 4.88589 | 7.08504 | 11.09843 |
| | SE Mean | 0.07704 | 0.09116 | 0.11805 | 0.16109 | 0.28387 |
| HLT_FP | Sample Size | 101277 | 29183 | 40423 | 19834 | 11837 |
| | Weighted Size | 258963568 | 69438212 | 107054300 | 51315866 | 31155190 |
| | Mean | 0.10126 | 0.02552 | 0.06610 | 0.16651 | 0.28344 |
| | SE Mean | 0.00152 | 0.00118 | 0.00157 | 0.00351 | 0.00501 |

Best NHIS design using Durbin probabilities (not available to the public) and weights adjusted by post-stratification

| Variable | | SEX Total | 1 | 2 |
|---|---|---|---|---|
| LDR | Sample Size | 102467 | 48809 | 53658 |
| | Weighted Size | 261889549 | 127570237 | 134319312 |
| | Mean | 0.13784 | 0.17991 | 0.09789 |
| | SE Mean | 0.00170 | 0.00221 | 0.00182 |
| TDV_R | Sample Size | 102467 | 48809 | 53658 |
| | Weighted Size | 261889549 | 127570237 | 134319312 |
| | Mean | 5.90468 | 4.89733 | 6.86141 |
| | SE Mean | 0.07511 | 0.08320 | 0.11217 |
| HLT_FP | Sample Size | 101277 | 48266 | 53011 |
| | Weighted Size | 258974266 | 126232939 | 132741328 |
| | Mean | 0.10127 | 0.09125 | 0.11080 |
| | SE Mean | 0.00137 | 0.00159 | 0.00165 |

Post-stratified estimates
by: Variable, AGE2.

| Variable | | AGE2 Total | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|---|
| LDR | Sample Size | 102467 | 29711 | 40801 | 20000 | 11955 |
| | Weighted Size | 261889549 | 70670755 | 108040689 | 51713265 | 31464840 |
| | Mean | 0.13784 | 0.08845 | 0.18484 | 0.14484 | 0.07587 |
| | SE Mean | 0.00170 | 0.00258 | 0.00248 | 0.00298 | 0.00268 |
| TDV_R | Sample Size | 102467 | 29711 | 40801 | 20000 | 11955 |
| | Weighted Size | 261889549 | 70670755 | 108040689 | 51713265 | 31464840 |
| | Mean | 5.90468 | 4.29787 | 4.87876 | 7.08472 | 11.09687 |
| | SE Mean | 0.07511 | 0.09066 | 0.11858 | 0.16180 | 0.27613 |
| HLT_FP | Sample Size | 101277 | 29183 | 40423 | 19834 | 11837 |
| | Weighted Size | 258974266 | 69441900 | 107059972 | 51315313 | 31157082 |
| | Mean | 0.10127 | 0.02555 | 0.06624 | 0.16633 | 0.28322 |
| | SE Mean | 0.00137 | 0.00116 | 0.00153 | 0.00342 | 0.00487 |

Remark on Examples

A comparison of the three SUDAAN examples shows that Method 2 performs quite well when compared to the "best" internal NCHS variance design for the NHIS. Based on limited preliminary evidence, it appears that for means, Method 2 typically provides standard errors in close agreement with, while slightly larger than, the standard errors produced by the NCHS "best" method. Method 1 tends to provide slightly larger standard errors than Method 2 does, although the sample output does include examples where the Method 1 standard error is smaller than the Method 2 standard error.

Reference:

(1977) Cochran, W. G. , *Sampling techniques* (3rd ed), John Wiley & Sons

**Notes for Year 2000 application** (added 01/21/98)

The variance estimation methods of this document may be applied to the Year 2000 Objectives Public Use File. The following changes must be made:

The design information variables are all in the same file locations with the exception of “WTF”. Substitute:

| | | |
|---|---|---|
| WTF | 207-212 | 'FINAL BASIC WEIGHT' |

The PSU check for **method 2** should now read:

As a check, the user should observe the following counts:

| | |
|---|---|
| Certainty Strata PSUs | 3804 |
| Non-certainty Strata PSUs | 259 |
| Total PSUs | 4063 |

**Notes on the 1996 NHIS** (added 04/17/98)

In 1996 the NHIS survey underwent a transition from a paper-and-pencil to a computer-assisted interview process. This transition resulted in roughly 5/8 of the available full sample being targeted for processing and public release. In 1997, the full sample was again implemented. For 1996 the reader should substitute the information on pages 3 and 4 and the top of page 5,with the 1996 information on the following pages.

**Design Information Available on the 1996 NHIS Public Use Databases.**

The following variables are used to produce code for variance estimation. Field locations below are from the PERSON level database, but may change on other databases; the user should check the file documentation.

| Variable Name | Location | Field Label |
|---|---|---|
| **STRAT96*** | **354-357** | **'COLLAPSED VARIANCE STRATUM'** |
| **PSU96*** | **358** | **'VARIANCE PSU '** |
| SUB_V | 342-343 | 'SUBSTRATUM FOR VARIANCE ESTIMATION' |
| SSU | 344-350 | 'SECONDARY SAMPLING UNIT' |
| PANEL | 352 | 'PANEL 4' |
| **NSR96*** | **353** | **'NSR STATUS VARIABLE'** |
| WTF | 219-227 | 'FINAL BASIC WEIGHT' |

( ***** indicates modified design variables added to the 1996 databases )

Two methods of variance estimation are now provided.

**Method 1.96 - 98 Strata containing 3 PSUs per stratum sampled with replacement**

Here, the NHIS universe has been partitioned into 98 collapsed strata with 3 PSUs per stratum. All PSUs are treated as sampled with replacement within their respective strata. This method will provide somewhat conservative standard errors, and this standard error estimator itself has less stability than the standard error estimator described by Method 2.96 below.

Coding required, ( SAS® code provided ):

```
STRATUM  = INT ( STRAT96 / 10 ) * 10   ;

PSU = PANEL  ;
```

Note**, INT ( )** is the Integer-value SAS® function, e.g., INT (2.3) = 2

As a check the user should observe 98*3 = 294 PSUs when using the full database.

For the above simplification of the NHIS sample design structure, the following SUDAAN® design statements may be used. (Note, the input file must first be sorted by STRATUM and PSU variables).

```
PROC ...   DESIGN = WR;
NEST       STRATUM PSU ;
WEIGHT     WTF ;
```

**Method 2.96 - Multiple PSUs per Stratum design sampled with replacement**

This method provides for more statistically efficient variance estimation than Method 1.96, since it makes better use of the sampling design information. Its application is limited to software that can handle multiple PSUs per stratum, e.g., SUDAAN. For this method the original certainty PSUs are partitioned by aggregations of the original race-ethnic density strata used in sampling. The first randomly sampled unit is actually the SSU variable which is now treated as the PSU variable. ( Note, a certainty PSU unit contributes nothing to the variance at the PSU sampling level ). Non-certainty-strata PSUs are treated as being sampled with replacement within their respective strata.

Coding required, ( SAS® code provided ):

```
IF  NSR96  = 1 THEN DO ;    /* 1996 certainty strata PSUs    */

    STRATUM = STRAT96*100 + SUB_V ;
          PSU    = SSU              ;
          END;

 ELSE DO ;              /* 1996 non-certainty PSU */  ;

    STRATUM = STRAT96  ;
         PSU    =   PSU96    ;
          END;
```

As a check, the user should observe the following counts:

| | |
|---|---|
| Certainty Strata PSUs | 1736 |
| Non-certainty Strata PSUs | 240 |
| Total PSUs | 1976 |

For the Method 2.96 design structure, the following SUDAAN® design statements may be used. (Note, the input file must first be sorted by STRATUM and PSU variables.)

```
PROC ...   DESIGN = WR;
NEST       STRATUM PSU ;
WEIGHT     WTF ;
```

**; CAUTION**. Both Method 1.96 and Method 2.96 should only be used on a full sample person data base. Using this method with subsetted data may lead to incorrectly computed standard errors. (See the section “Subsetted Data Analysis” in the 1995 section). If using a subsetted data set, the user should check the degree of agreement in the PSU counts with the values presented above for either of the two methods. Unlike Method 1 for 1995, Method 1.96 is **not** robust for analyzing subsetted survey data.

**; CAUTION**

A typically used rule-of-thumb for degrees of freedom to associate with a standard error is the quantity (number of PSUs - number of strata). This rule assumes that the PSUs are somewhat comparable in size. For Method 2.96 this rule may be grossly inaccurate since the concept of PSU is quite different for certainty and non-certainty strata. Certainty strata PSUs of Method 2.96 have small weighted values relative to those of non-certainty PSUs. The rule-of-thumb degrees of freedom for Method 1.96 is 196, and Method 2.96 should have a "true" degrees of freedom exceeding that of Method 1.96. However, for practical purposes, any degrees of freedom exceeding 120 can be treated as infinite, i.e., one uses a normal Z-statistic instead of a t-statistic for testing. Note, that a one-tailed critical $t_{0.025}$ at 120 degrees of freedom is 1.98 while at an infinite degrees of freedom ( i.e., a z-value ) is 1.96. If a variable of interest covers most of the NHIS PSUs, the limiting value would probably be adequate for analysis. The user should consult a mathematical statistician for discussion of degrees of freedom.

The observant reader may notice that the 1996 method 1.96 has a larger "rule of thumb" degrees of freedom than the corresponding 1995 method 1. The 1996 variance estimation design consists of collapsed strata that may introduce a much larger stratum-collapse bias than occurred in 1995, and furthermore, the PSUs within each 1996 collapsed stratum have greater PSU weight diversity than in 1995 which may reduce stability.

The section on **SUBSETTED DATA ANALYSIS** in the 1995 section should be read considering the changes provided in this 1996 section.

# NATIONAL HEALTH INTERVIEW SURVEY (NHIS)
# 1996 FAMILY RESOURCES PUBLIC USE FILE

## Outline of Items and Codes

**63,402 Records**

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 1-2 | - | | **RECORD TYPE** |
| | | 63,402 | 75. Family Resources (Imputed) |
| 3-4 | HH-2 | | **PROCESSING YEAR** |
| | | 63,402 | 96. 1996 |
| 5-14 | Recode | - | **HOUSEHOLD ID** |
| 15-16 | - | - | **PERSON NUMBER** |
| 17-18 | - | - | **BLANK** (Record Serial Number on some other record types) |
| 19-20 | - | | **SAMPLING WEEK CODE** (Numbered within quarter) |
| | | 3,680 | 01. Week 1 |
| | | 3,422 | 02. Week 2 |
| | | 5,414 | 03. Week 3 |
| | | 4,966 | 04. Week 4 |
| | | 5,009 | 05. Week 5 |
| | | 4,867 | 06. Week 6 |
| | | 5,512 | 07. Week 7 |
| | | 5,183 | 08. Week 8 |
| | | 5,390 | 09. Week 9 |
| | | 4,992 | 10. Week 10 |
| | | 4,714 | 11. Week 11 |
| | | 5,128 | 12. Week 12 |
| | | 5,125 | 13. Week 13 |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 21 | Recode | | **LATE INTERVIEW (OR LAST ATTEMPT) FLAG** |
| | | 36,891 | 0. Interview not late |
| | | 18,591 | 1. One week late |
| | | 6,372 | 2. Two weeks late |
| | | 1,548 | 3. Unknown |
| 22-23 | HH-11c,d | | **TYPE OF LIVING QUARTERS:** |
| | | | Housing Unit = (00-07) |
| | | 1,234 | 00. Housing unit; kind unknown |
| | | 58,363 | 01. House, apartment, flat |
| | | 37 | 02. HU in nontransient hotel, motel,etc. |
| | | 5 | 03. HU-permanent in transient hotel, motel, etc. |
| | | 20 | 04. HU in rooming house |
| | | 3,072 | 05. Mobile home or trailer with no permanent room added |
| | | 450 | 06. Mobile home or trailer with one or more permanent rooms added |
| | | 51 | 07. HU not specified above |
| | | | Other Unit = (08-13) |
| | | 39 | 08. Quarters not HU in rooming or boarding house |
| | | 3 | 09. Unit not permanent in transient hotel, motel, etc. |
| | | 14 | 10. Unoccupied site for mobile home, trailer, or tent |
| | | 90 | 11. Student quarters in college dormitory |
| | | 24 | 12. Other unit not specified above |
| | | 0 | 13. Other unit; kind unknown |
| 24 | HH-12 | | **HAS TELEPHONE** |
| | | 57,080 | 1. Yes, phone number given |
| | | 2,558 | 2. Yes, no phone number given |
| | | 3,099 | 3. No |
| | | 665 | 4. Unknown |
| 25 | A-1 | | **SEX** |
| | | 30,358 | 1. Male |
| | | 33,044 | 2. Female |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 26 | - | | **AGE IMPUTED FLAG** |
| | | 63,400 | 0. Age known |
| | | 2 | 1. Age unknown, imputed as 34 |
| 27-28 | - | - | **BLANK** |
| 29 | Recode | | **AGE RECODE #1** |
| | | 4,918 | 1. Under 5 years |
| | | 13,210 | 2. 5-17 years |
| | | 5,568 | 3. 18-24 years |
| | | 19,974 | 4. 25-44 years |
| | | 12,598 | 5. 45-64 years |
| | | 2,213 | 6. 65-69 years |
| | | 1,928 | 7. 70-74 years |
| | | 2,993 | 8. 75 years and over |
| 30 | Recode | | **AGE RECODE #2** |
| | | 6,008 | 1. Under 6 years |
| | | 11,219 | 2. 6-16 years |
| | | 6,469 | 3. 17-24 years |
| | | 9,603 | 4. 25-34 years |
| | | 10,371 | 5. 35-44 years |
| | | 7,673 | 6. 45-54 years |
| | | 4,925 | 7. 55-64 years |
| | | 4,141 | 8. 65-74 years |
| | | 2,993 | 9. 75 years and over |
| 31-32 | Recode | | **AGE RECODE #3** |
| | | 2,905 | 00-35. Months |
| | | 60,497 | 36. Over 3 years |
| 33 | - | | **MONTH OF BIRTH IMPUTED FLAG** |
| | | 60,272 | 0. Month known |
| | | 3,090 | 1. Month unknown, '8' imputed |
| | | 40 | 9. Date of birth unknown |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 34-35 | A-3 | - | **MONTH OF BIRTH**<br>01. January<br>02. February<br>03. March<br>04. April<br>05. May<br>06. June<br>07. July<br>08. August<br>09. September<br>10. October<br>11. November<br>12. December<br>99. Unknown |
| 36-39 | - | - | **BLANK** |
| 40 | Recode | | **HISPANIC ORIGIN IMPUTED FLAG** |
| | | 62,712 | 0. Hispanic Origin Known |
| | | 690 | 1. Hispanic Origin Imputed from Reference Person |
| 41-42 | A-6 | | **MAIN RACIAL BACKGROUND*** - Reported (see notation for locations 43-45) |
| | | 46,996 | 01. White |
| | | 9,027 | 02. Black/African American** |
| | | 482 | 03. Indian (American) |
| | | 325 | 06. Chinese |
| | | 455 | 07. Filipino |
| | | 987 | 15. Other API (includes Hawaiian, Korean, Vietnamese, Japanese, Asian Indian, Samoan, and Guamanian) |
| | | 3,797 | 16. Other Race (includes Eskimo and Aleut) |
| | | 181 | 17. Multiple Race |
| | | 1,152 | 99. Unknown |

* Some categories may be too small to analyze separately and therefore may produce unreliable estimates; in addition, counts may not agree with those produced by the Census Bureau.

** For convenience, the category ‘Black/African American’ will be shown as ‘Black’ in all observed race or race recode locations throughout the documentation.

# 1996 NHIS FAMILY RESOURCES PUBLIC USE FILE

| File Locations | Item No. | Frequency | Items and Codes | |
|---|---|---|---|---|
| 43-45 | Recode | | **RACE RECODES** | |
| 43 | | | Recode 1* | Persons whose Main |
| | | 51,962 | 1. White | Racial Background |
| | | 9,065 | 2. Black | location 41-42) was |
| | | 2,375 | 3. Other | "other" or "unknown" were classified in the |
| 44 | | | Recode 2 | following recodes by using the racial |
| | | 51,962 | 1. White | background observed by |
| | | 11,440 | 2. Non-white | the interviewer. Use of these recodes is |
| 45 | | | Recode 3 | recommended for estimating statistics |
| | | 9,065 | 1. Black | for the groups shown |
| | | 54,337 | 2. Non-black | here. |
| 46-47 | A-5 | | **HISPANIC ORIGIN**** | |
| | | 12 | 00. Multiple Hispanic | |
| | | 1,387 | 01. Puerto Rican | |
| | | 646 | 02. Cuban | |
| | | 3,935 | 03. Mexican-Mexicano | |
| | | 4,391 | 04. Mexican-American | |
| | | 99 | 05. Chicano | |
| | | 1,133 | 06. Other Latin American | |
| | | 1,184 | 07. Other Spanish | |
| | | 338 | 08. Spanish, DK type | |
| | | 114 | 09. Unknown if Spanish origin | |
| | | 50,163 | 10. Not Spanish origin | |
| 48 | L-7 | | **MARITAL STATUS** | |
| | | 14,293 | 0. Under 14 years | |
| | | 28,314 | 1. Married - spouse in household | |
| | | 494 | 2. Married - spouse not in household | |
| | | 3,022 | 3. Widowed | |
| | | 3,475 | 4. Divorced | |
| | | 1,102 | 5. Separated | |
| | | 12,070 | 6. Never married | |
| | | 632 | 7. Unknown | |

*This recode is used to define race in the Current Estimates tables.

**If unknown, the family reference person code was imputed. A flag indicating imputation is in loc. 40 and the relationship to reference person is in loc. 63.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 49 | L-1 | | **VETERAN STATUS** |
| | | 38,331 | 1. Non-veteran |
| | | 1,311 | 3. WW I and WW II |
| | | 800 | 4. Korean War |
| | | 1,715 | 5. Vietnam veteran |
| | | 810 | 6. Post-Vietnam |
| | | 1,070 | 7. Other service |
| | | 163 | 8. Served in Armed Forces, unknown if war veteran |
| | | 1,074 | 9. Unknown if served in Armed Forces |
| | | 18,128 | Blank. Under 18 years of age |
| 50 | L-1 | | **ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES** |
| | | 38,331 | 0. Non-veteran |
| | | 363 | 1. All service in Guard/Reserve |
| | | 740 | 2. Some service in Guard/Reserve |
| | | 36 | 3. Unknown if all service in Guard/Reserve |
| | | 4,159 | 4. No active service in Guard/Reserve |
| | | 1,645 | 5. Unknown if ever active member in Guard/Reserve or served in Armed Forces |
| | | 18,128 | Blank. Under 18 years of age |
| 51-52 | L-2 | | **EDUCATION OF INDIVIDUAL - COMPLETED YEARS** |
| | | 2,628 | 00. Never attended; kindergarten only |
| | | 36,181 | 01-12. Grades 1-12 |
| | | | College: |
| | | 3,321 | 13. 1 year |
| | | 4,433 | 14. 2 years |
| | | 1,602 | 15. 3 years |
| | | 5,424 | 16. 4 years |
| | | 1,039 | 17. 5 years |
| | | 2,762 | 18. 6 years or more |
| | | 1,094 | 19. Unknown |
| | | 4,918 | Blank. Under 5 years of age |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 53 | Recode | | **EDUCATION OF INDIVIDUAL RECODE** |
| | | 2,628 | 0. None; kindergarten only |
| | | 12,480 | 1. 1-8 years (elementary) |
| | | 7,494 | 2. 9-11 years (high school) |
| | | 16,207 | 3. 12 years (high school graduate) |
| | | 9,356 | 4. 1-3 years (college) |
| | | 5,424 | 5. 4 years (college graduate) |
| | | 3,801 | 6. 5+ years (post-college) |
| | | 1,094 | 7. Unknown |
| | | 4,918 | Blank. Under 5 years of age |
| 54-55 | - | | **HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER** (Detail) |
| | | 151 | 00. Never attended; kindergarten only |
| | | 29,963 | 01-12. Grades 1-12 |
| | | | College: |
| | | 4,719 | 13. 1 year |
| | | 7,364 | 14. 2 years |
| | | 2,688 | 15. 3 years |
| | | 9,589 | 16. 4 years |
| | | 2,073 | 17. 5 years |
| | | 6,048 | 18. 6 years or more |
| | | 807 | 19. Unknown |
| 56 | - | | **HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER** Recode |
| | | 151 | 0. None; kindergarten only |
| | | 3,807 | 1. 1-8 years (elementary) |
| | | 5,471 | 2. 9-11 years (high school) |
| | | 20,685 | 3. 12 years (high school graduate) |
| | | 14,771 | 4. 1-3 years (college) |
| | | 9,589 | 5. 4 years (college graduate) |
| | | 8,121 | 6. 5+ years (post-college) |
| | | 807 | 7. Unknown |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 57 | L-8 | | **FAMILY INCOME ± $20,000** |
| | | 18,637 | 1. Less than $20,000 |
| | | 42,177 | 2. $20,000 or more |
| | | 2,588 | 3. Unknown |
| 58-59 | L-8 | | **FAMILY INCOME** |
| | | 243 | 00. Less than $1,000 |
| | | 366 | 01. $ 1,000 - $ 1,999 |
| | | 319 | 02. 2,000 - 2,999 |
| | | 356 | 03. 3,000 - 3,999 |
| | | 433 | 04. 4,000 - 4,999 |
| | | 694 | 05. 5,000 - 5,999 |
| | | 695 | 06. 6,000 - 6,999 |
| | | 699 | 07. 7,000 - 7,999 |
| | | 701 | 08. 8,000 - 8,999 |
| | | 941 | 09. 9,000 - 9,999 |
| | | 1,132 | 10. 10,000 - 10,999 |
| | | 705 | 11. 11,000 - 11,999 |
| | | 1,304 | 12. 12,000 - 12,999 |
| | | 838 | 13. 13,000 - 13,999 |
| | | 828 | 14. 14,000 - 14,999 |
| | | 1,100 | 15. 15,000 - 15,999 |
| | | 777 | 16. 16,000 - 16,999 |
| | | 810 | 17. 17,000 - 17,999 |
| | | 1,042 | 18. 18,000 - 18,999 |
| | | 1,216 | 19. 19,000 - 19,999 |
| | | 4,786 | 20. 20,000 - 24,999 |
| | | 4,130 | 21. 25,000 - 29,999 |
| | | 4,150 | 22. 30,000 - 34,999 |
| | | 3,179 | 23. 35,000 - 39,999 |
| | | 3,180 | 24. 40,000 - 44,999 |
| | | 2,824 | 25. 45,000 - 49,999 |
| | | 15,137 | 26. $50,000 and over |
| | | 10,817 | 27. Unknown |

# 1996 NHIS FAMILY RESOURCES PUBLIC USE FILE

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 60 | Recode | | **FAMILY INCOME RECODE** |
| | | 1,717 | 0. Under $5,000 |
| | | 1,389 | 1. $ 5,000 - $ 6,999 |
| | | 2,341 | 2. 7,000 - 9,999 |
| | | 4,807 | 3. 10,000 - 14,999 |
| | | 4,945 | 4. 15,000 - 19,999 |
| | | 4,786 | 5. 20,000 - 24,999 |
| | | 8,280 | 6. 25,000 - 34,999 |
| | | 9,183 | 7. 35,000 - 49,999 |
| | | 15,137 | 8. $50,000 or more |
| | | 10,817 | 9. Unknown |
| 61 | Generated | | **NHIS POVERTY INDEX*** |
| | | 48,720 | 1. At or above poverty threshold |
| | | 8,572 | 2. Below poverty threshold |
| | | 6,110 | 3. Unknown |
| 62-63 | | | **FAMILY RELATIONSHIP** |
| 62 | A-2 | | Type of Family |
| | | 6,440 | &. Primary individual |
| | | 684 | -. Secondary individual |
| | | 56,152 | 0. Primary family |
| | | 126 | 1-9. Secondary family |
| 63 | A-2 | | Relationship to Reference Person |
| | | 6,048 | &. Reference person, living alone |
| | | 18,770 | 0. Reference person, 2+ persons in household |
| | | 13,756 | 1. Spouse, other spouse NOT in Armed Forces and living at home |
| | | 151 | 2. Spouse, other spouse IN Armed Forces and living at home |
| | | 21,000 | 3. Child of reference person or spouse |
| | | 1,252 | 4. Grandchild of reference person or spouse |
| | | 645 | 5. Parent of reference person or spouse |
| | | 1,763 | 6. Other relative |
| | | 17 | 7. Child of military family with no eligible reference person |
| | | 0 | 9. Unknown |

*Based on family size, number of children under 18 years of age and family income using the 1995 poverty levels derived from the August, 1996 Current Population Survey.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 64 | Recode | | **FAMILY RELATIONSHIP RECODE** |
| | | 6,048 | 1. Living alone |
| | | 1,076 | 2. Living only with non-relative |
| | | 28,297 | 3. Living with spouse |
| | | 27,981 | 4. Living with relative - other |
| 65-66 | Generated | - | **SIZE OF FAMILY*** |
| | | | Unrelated individuals are coded 01 |
| 67 | Generated | | **SIZE OF FAMILY RECODE** |
| | | 62,665 | 1-8. Number of members |
| | | 737 | 9. 9+ members |
| 68 | A-2 | | **PARENT/OTHER ADULT RELATIVE** (under 25 years old and never married) |
| | | 13,233 | 1. Both parents, no other relative |
| | | 3,521 | 2. Mother only |
| | | 324 | 3. Father only |
| | | 1,835 | 4. Both parents and other 21+ year old adult relative |
| | | 1,271 | 5. Mother and other 21+ year old adult relative |
| | | 152 | 6. Father and other 21+ year old adult relative |
| | | 281 | 7. No parent, but one 21+ year old adult relative |
| | | 427 | 8. No parent, but two or more 21+ year old adult relatives |
| | | 164 | 9. Unknown |
| | | 849 | 0. Other |
| | | 41,345 | Blank. Not applicable (25+ years old or ever married) |

*Count includes spouse in military but living at home.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 69 | B-1<br>B-8 | | **MAJOR ACTIVITY** (18+ years old) |
| | | 28,283 | 1. Working |
| | | 7,516 | 2. Keeping house |
| | | 2,504 | 3. Going to school |
| | | 6,513 | 4. Something else |
| | | 458 | 5. Unknown |
| | | 18,128 | Blank. Not applicable (Under 18 years) |
| 70 | G-4 | | **HEALTH STATUS** |
| | | 22,720 | 1. Excellent |
| | | 18,116 | 2. Very Good |
| | | 15,237 | 3. Good |
| | | 4,899 | 4. Fair |
| | | 1,697 | 5. Poor |
| | | 733 | 6. Unknown |
| 71 | Recode | | **ACTIVITY LIMITATION STATUS***- (all ages) |
| | | 3,018 | 1. Unable to perform major activity |
| | | 3,343 | 2. Limited in kind/amount major activity |
| | | 2,727 | 3. Limited in other activities |
| | | 54,314 | 4. Not limited (includes unknowns) |
| 72 | Recode | | **ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK"** (18-69 years) |
| | | 2,829 | 1. Unable to work |
| | | 1,765 | 2. Limited in kind/amount of work |
| | | 1,490 | 3. Limited in other activities |
| | | 34,269 | 4. Not limited (includes unknowns) |
| | | 23,049 | Blank. Not applicable (under 18 years, 70+ years) |

*This location is used to categorize persons with limitation of activity in the Current Estimates tables.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 73 | B-11 | | **LIMITATION OF SCHOOL ACTIVITIES** (5-17 years) |
| | | 81 | 1. Unable to attend school |
| | | 438 | 2. Attends special school/classes |
| | | 74 | 3. Needs special school/classes |
| | | 124 | 4. Limited in school attendance |
| | | 282 | 5. Limited in other activities |
| | | 12,211 | 6. Not limited (includes unknowns) |
| | | 50,192 | Blank. Not applicable (Under 5 years or 18+ years) |
| 74 | B-14 | | **NEEDS HELP WITH PERSONAL CARE** (5-59 years old and limited, or age 60-69 years)* |
| | | 408 | 1. Unable to perform personal care needs |
| | | 822 | 2. Limited in performing other routine needs |
| | | 8,488 | 3. Not limited in performing personal or routine needs |
| | | 404 | 4. Unknown |
| | | 53,280 | Blank. Not applicable (Under 5 years; 5-59 years not limited; 70+ years old) |

* For persons 70+ years, use location 71 to analyze ‘Needs Help With Personal Care’; codes 1 and 2 in location 71 correspond to codes 1 and 2 in location 74.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 75 | D-1 | | **EMPLOYMENT STATUS IN PAST 2 WEEKS** (18+ years) |
| | | | **In the Labor Force**: (1-7) |
| | | | Currently employed: (1-3) |
| | | 28,767 | 1. Worked in past 2 weeks |
| | | 494 | 2. Did not work, has job; not on lay-off and not looking for work |
| | | 28 | 3. Did not work, has job; looking for work |
| | | | Unemployed: (4-7) |
| | | 93 | 4. Did not work, has job; on lay-off |
| | | 6 | 5. Did not work, has job; on lay-off and looking for work |
| | | 200 | 6. Did not work, has job; unknown if looking or on lay-off |
| | | 960 | 7. Did not work, has no job; looking for work or on lay-off |
| | | 14,726 | 8. Not in Labor Force (18+ years) |
| | | 18,128 | Blank. Not applicable (Under 18 years old) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 76 | L-6 | | **CLASS OF WORKER** |
| | | 14,726 | 0. Not in labor force |
| | | 21,596 | 1. Private company |
| | | 756 | 2. Federal Government employee |
| | | 1,388 | 3. State Government employee |
| | | 2,369 | 4. Local Government employee |
| | | 789 | 5. Incorporated business |
| | | 2,615 | 6. Self-employed |
| | | 29 | 7. Without pay |
| | | 35 | 8. Never worked |
| | | 971 | 9. Unknown |
| | | 18,128 | Blank. Under 18 years old |
| 77-79 | - | | **BLANK** |
| 80-81 | Recode | - | **INDUSTRY RECODE 1**<br>SEE APPENDIX B |
| 82-83 | Recode | - | **INDUSTRY RECODE 2**<br>SEE APPENDIX B |
| 84-86 | - | | **BLANK** |
| 87-88 | Recode | - | **OCCUPATION RECODE 1**<br>SEE APPENDIX C |
| 89-90 | Recode | - | **OCCUPATION RECODE 2**<br>SEE APPENDIX C |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 91 | L-R | | **RESPONDENT FOR CORE QUESTIONS** |
| | | 27,761 | 1. Self (entirely) |
| | | 3,242 | 2. Self (partly) |
| | | 31,712 | 3. Proxy |
| | | 687 | 4. Unknown |
| 92 | Recode | | **CONDITION LIST ASSIGNED AND ASKED** |
| | | 10,548 | 1. Condition List 1, Skin and musculoskeletal |
| | | 10,568 | 2. Condition List 2, Impairments |
| | | 10,388 | 3. Condition List 3, Digestive |
| | | 10,472 | 4. Condition List 4, Miscellaneous |
| | | 10,113 | 5. Condition List 5, Circulatory |
| | | 10,575 | 6. Condition List 6, Respiratory |
| | | 738 | 7. Unknown |
| 93-94 | G-5 | | **HEIGHT WITHOUT SHOES** (18+ years) |
| | | 363 | 58. 58 inches or less |
| | | 43,782 | 59-76. Number of inches |
| | | 246 | 77. 77 inches or more |
| | | 883 | 99. Unknown |
| | | 18,128 | Blank. Under 18 years of age |
| 95-97 | G-5 | | **WEIGHT WITHOUT SHOES** (18+ years) |
| | | 288 | 097. 97 pounds or less |
| | | 42,919 | 098-289. Number of pounds |
| | | 320 | 290. 290 pounds or more |
| | | 1,747 | 999. Unknown |
| | | 18,128 | Blank. Under 18 years of age |
| 98-99 | Recode | | **TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS** |
| | | 57,092 | 00. None |
| | | 6,310 | 01-14. Days |
| 100-101 | D-4 | | **BED DAYS IN PAST TWO WEEKS** |
| | | 59,733 | 00. None |
| | | 3,669 | 01-14. Days |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 102-103 | D-2 | | **WORK-LOSS DAYS IN PAST TWO WEEKS** |
| | | 61,810 | 00. None |
| | | 1,592 | 01-14. Days |
| 104-105 | D-3 | | **SCHOOL-LOSS DAYS IN PAST TWO WEEKS** |
| | | 62,431 | 00. None |
| | | 971 | 01-14. Days |
| 106-107 | D-6 | | **OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS** |
| | | 60,449 | 00. None |
| | | 2,953 | 01-14. Days |
| 108-110 | G-2 | | **BED DAYS IN PAST 12 MONTHS** |
| | | 35,920 | 000. None |
| | | 26,460 | 001-365. 1-365 days |
| | | 1,022 | 366. Unknown |
| 111 | Recode | | **BED DAYS IN PAST 12 MONTHS** |
| | | 35,920 | 0. None |
| | | 20,817 | 1. 1-7 days |
| | | 4,084 | 2. 8-30 days |
| | | 1,243 | 3. 31-180 days |
| | | 316 | 4. 181-365 days |
| | | 1,022 | 5. Unknown |
| 112-114 | G-3 | | **DOCTOR VISITS IN PAST 12 MONTHS** |
| | | 15,335 | 000. None |
| | | 47,627 | 001-996. Visits |
| | | 0 | 997. 997+ visits |
| | | 440 | 998. Unknown |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 115 | G-3 | | **INTERVAL SINCE LAST DOCTOR VISIT** |
| | | 182 | 0. Never |
| | | 48,478 | 1. Less than 1 year |
| | | 6,010 | 2. 1 to less than 2 years |
| | | 4,842 | 3. 2 to less than 5 years |
| | | 2,128 | 4. 5 years or more |
| | | 1,762 | 5. Unknown |
| 116-117 | Generated | - | **NUMBER OF CONDITIONS** |
| 118-119 | Generated | - | **NUMBER OF ACUTE INCIDENCE CONDITIONS** |
| 120-121 | Generated | - | **NUMBER OF TWO-WEEK DOCTOR VISITS** |
| 122-123 | Generated | - | **NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS** |
| 124-126 | Generated | - | **SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS** |
| 127-128 | Generated | - | **NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*** |
| 129-131 | Generated | - | **SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS EXCLUDING DELIVERY*** |
| 132-133 | Generated | - | **NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS** |
| 134-136 | Generated | - | **NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS** |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 137-138 | Generated | - | **NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*** |
| 139-141 | Generated | - | **NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*** |
| 142-143 | - | | **BLANK** |
| 144 | L-9b | | **YEARS LIVED IN STATE OF PRESENT RESIDENCE** |
| | | 1,766 | 1. Less than 1 year |
| | | 5,762 | 2. 1 yr., less than 5 yrs. |
| | | 6,429 | 3. 5 yrs., less than 10 yrs. |
| | | 5,243 | 4. 10 yrs., less than 15 yrs. |
| | | 32,468 | 5. 15 years or more |
| | | 3,051 | 9. Unknown |
| | | 8,683 | Blank. Not applicable (foreign-born) |
| 145 | L-9c | | **YEARS LIVED IN UNITED STATES** |
| | | 274 | 1. Less than 1 year |
| | | 1,339 | 2. 1 yr., less than 5 yrs. |
| | | 1,667 | 3. 5 yrs., less than 10 yrs. |
| | | 1,144 | 4. 10 yrs., less than 15 yrs. |
| | | 3,997 | 5. 15 years or more |
| | | 262 | 9. Unknown |
| | | 54,719 | Blank. Not applicable (U.S. born) |
| 146-171 | - | - | **BLANK** |

* Based on operation codes and reason entered hospital.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 172-177 | - | - | **FINAL QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE/ETHNICITY ADJUSTMENT** (has one implied decimal) |
| 178 | | | **SAMPLING QUARTER** |
| | | 16,902 | 1. Quarter 1 |
| | | 19,814 | 2. Quarter 2 |
| | | 13,470 | 3. Quarter 3 |
| | | 13,216 | 4. Quarter 4 |
| 179-181 | | | **BLANK** |
| 182 | Unit Control File | | **REGION** |
| | | 12,500 | 1. Northeast |
| | | 13,606 | 2. Midwest |
| | | 21,982 | 3. South |
| | | 15,314 | 4. West |
| 183-189 | | | **BLANK** |
| 190-200 | - | - | **CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXX)** - **character format with implied decimal** |
| | | | **FINAL BASIC WEIGHT** |
| 201-209 | - | - | QUARTER |
| 210-218 | - | - | SEMI-ANNUAL (QUARTER/2) |
| 219-227 | - | - | ANNUAL (QUARTER/4) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| | | | **6.5 WEIGHT** |
| 228-236 | - | - | QUARTER, SEMI-ANNUAL AND ANNUAL* |
| | | | **ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS** |
| 237-245 | - | - | QUARTER, SEMI-ANNUAL AND ANNUAL* |
| | | | **ESTIMATED BED DAYS IN PAST 2 WEEKS** |
| 246-254 | - | - | QUARTER, SEMI-ANNUAL AND ANNUAL* |
| | | | **ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS** |
| 255-263 | - | - | QUARTER, SEMI-ANNUAL AND ANNUAL* |
| | | | **ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS** |
| 264-272 | - | - | QUARTER, SEMI-ANNUAL AND ANNUAL* |
| | | | **ESTIMATED DOCTOR VISITS IN PAST 12 MONTHS** |
| 273-281 | - | - | QUARTER |
| 282-290 | - | - | SEMI-ANNUAL |
| 291-299 | - | - | ANNUAL |
| | | | **ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS** |
| 300-308 | - | - | QUARTER |
| 309-317 | - | - | SEMI-ANNUAL |
| 318-326 | - | - | ANNUAL |
| 327-335 | - | - | **ANNUAL ESTIMATED NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS** |

* Estimates can be made for these periods depending on whether one quarter, two quarters or all four quarters of records are used.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 336-341 | - | - | **BLANK** |
| 342-343 | Recode | - | **SUBSTRATUM FOR VARIANCE ESTIMATION** |
| 344-350 | Generated | - | **SECONDARY SAMPLING UNIT** |
| 351 | | | **BLANK** |
| 352 | Unit Control File | 63,402 | **PANEL 4**<br>1-4. Code used to identify nationally representative subsamples |
| 353 | | - | **NSR STATUS VARIABLE** |
| 354-357 | | - | **COLLAPSED VARIANCE STRATUM** |
| 358 | | - | **VARIANCE PSU** |
| 359-399 | - | - | **BLANK** |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 400 | 1a | | **HAD JOB OR BUSINESS** |
| | | 14,293 | 0. Under 14 |
| | | 29,769 | 1. Yes |
| | | 19,340 | 2. No |
| 401 | 1b | | **WORKING FOR EMPLOYER OR SELF-EMPLOYED** |
| | | 25,767 | 1. Employer only |
| | | 3,676 | 2. Self-employed only |
| | | 326 | 3. Both |
| | | 33,633 | Blank. N.A. (Under 14; no job or business last month) |
| 402-403 | 2a | | **NUMBER OF HOURS WORKED PER WEEK AT MAIN JOB** |
| | | 25,767 | 01-80. 1-80+ hours per week |
| | | 37,635 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month) |
| 404 | 2b | | **PAID BY HOUR AT MAIN JOB** |
| | | 16,781 | 1. Yes |
| | | 8,986 | 2. No |
| | | 37,635 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 405-409 | 2c | | **INCOME RECEIVED FROM MAIN JOB** |
| | | 25,629 | 00000-10999. Dollars received |
| | | 138 | 11000. 11,000 dollars or more received |
| | | 37,635 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month) |
| 410 | 2d | | **LENGTH OF TIME AT MAIN JOB** |
| | | 6,295 | 1. One year or less |
| | | 5,353 | 2. More than 1 year up to 3 years |
| | | 3,158 | 3. More than 3 years up to 5 years |
| | | 4,572 | 4. More than 5 years up to 10 years |
| | | 6,389 | 5. More than 10 years |
| | | 37,635 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month) |
| 411-412 | 2e | | **NUMBER OF HOURS AT OTHER JOBS** |
| | | 24,367 | 00. Only worked one job |
| | | 1,293 | 01-80. 1-80+ hours per week |
| | | 107 | 90. Worked more than 1 job, unknown hours |
| | | 37,635 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month) |
| 413-417 | 2f | | **INCOME RECEIVED FROM OTHER JOBS** |
| | | 1,292 | 00000-00999. Dollars received |
| | | 108 | 01000. 1,000 dollars or more received |
| | | 62,002 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month; no other job) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 418-419 | 2g | | **NUMBER OF MONTHS HAD AT LEAST ONE JOB OR BUSINESS** |
| | | 25,589 | 01-12. 1-12 months |
| | | 178 | 13. Worked at least one job, unknown number of months |
| | | 37,635 | Blank. N.A. (Under 14; not employed by employer only; no job or business last month) |
| 420-421 | 3a | | **NUMBER OF HOURS WORKED PER WEEK AT MAIN BUSINESS** |
| | | 3,424 | 01-80. 1-80+ hours per week |
| | | 252 | 90. Worked at main business, unknown number of hours |
| | | 59,726 | Blank. N.A. (Under 14;not self-employed; no job or business last month) |
| 422-427 | 3b | | **INCOME RECEIVED FROM MAIN BUSINESS** |
| 422 | | | **LOSS** |
| | | 149 | 1. Income loss from main business |
| | | 3,527 | 2. No income loss from main business |
| | | 59,726 | Blank. N.A. (Under 14; not self-employed; no job or business last month) |
| 423-427 | | | **DOLLAR AMOUNT RECEIVED** |
| | | 3,455 | 00000-14999. Dollars received |
| | | 72 | 15000. 15,000 dollars or more received |
| | | 59,875 | Blank. N.A. (Under 14, not self-employed; no job or business last month; income loss from main business) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 428 | 3c | | **LENGTH OF TIME AT MAIN BUSINESS** |
| | | 391 | 1. One year or less |
| | | 559 | 2. More than 1 year up to 3 years |
| | | 394 | 3. More than 3 years up to 5 years |
| | | 721 | 4. More than 5 years upo 10 years |
| | | 1,611 | 5. More than 10 years |
| | | 59,726 | Blank. N.A. (Under 14; not self-employed; no job or business last month) |
| 429-430 | 3d | | **NUMBER OF HOURS AT OTHER BUSINESSES** |
| | | 3,496 | 00. No other business |
| | | 149 | 01-80. 1-80+ hours per week |
| | | 31 | 90. Worked at other business, unknown number of hours |
| | | 59,726 | Blank. N.A. (Under 14; not self-employed; no job or business last month) |
| 431-436 | 3e | | **INCOME RECEIVED FROM OTHER BUSINESSES** |
| 431 | | | **LOSS** |
| | | 2 | 1. Income loss from other business |
| | | 178 | 2. No income loss from other business |
| | | 63,222 | Blank. N.A. (Under 14; not self-employed;no other business for self-employed; no job or business last month) |
| 432-436 | | | **DOLLAR AMOUNT RECEIVED** |
| | | 156 | 00000-00999. Dollars received |
| | | 22 | 01000. 1,000 dollars or more received |
| | | 63,224 | Blank. N.A. (Under 14; not self-employed;no other business for self-employed; no job or business last month; income loss from other business) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 437-438 | 3f | | **NUMBER OF MONTHS SELF EMPLOYED IN OTHER BUSINESS** |
| | | 170 | 01-12. 1-12 months |
| | | 10 | 13. Self-employed in other business, unknown number of months |
| | | 63,222 | Blank. N.A. (Under 14; not self-employed; no other business for self-employed; no job or business last month) |
| 439-440 | 3g | | **NUMBER OF MONTHS HAD AT LEAST ONE JOB OR BUSINESS** |
| | | 3,672 | 01-12. 1-12 months |
| | | 4 | 13. Self-employed in at least one job or business; unknown number of months |
| | | 59,726 | Blank. N.A. (Under 14; not self-employed; no job or business last month) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 441-473 | | | **EMPLOYMENT AND INCOME INFORMATION FOR THOSE WHO ARE BOTH SELF-EMPLOYED AND WORKING FOR AN EMPLOYER** |
| 441-442 | 4a | | **NUMBER OF HOURS WORKED PER WEEK AT MAIN JOB/BUSINESS** |
| | | 326 | 01-80. 1-80+ hours per week |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |
| 443 | 4b | | **WAS IT JOB OR BUSINESS** |
| | | 266 | 1. Job |
| | | 60 | 2. Business |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |
| 444 | 4c | | **PAID BY HOUR AT MAIN JOB** |
| | | 150 | 1. Yes |
| | | 116 | 2. No |
| | | 63,136 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer; main work is a business) |
| 445-449 | 4d | | **INCOME RECEIVED FROM MAIN JOB** |
| | | 222 | 00000-03999. Dollars received |
| | | 44 | 04000. 4,000 dollars or more received |
| | | 63,136 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer; main work is a business) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 450-455 | 4e | | **INCOME RECEIVED FROM MAIN BUSINESS** |
| 450 | | | **LOSS** |
| | | 4 | 1. Income loss from main business |
| | | 56 | 2. No income loss from main business |
| | | 63,342 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer; main work is a job) |
| 451-455 | | | **DOLLAR AMOUNT RECEIVED** |
| | | 26 | 00000-00999. Dollars received |
| | | 30 | 01000. 1,000 dollars or more received |
| | | 63,346 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer; main work is a job; income loss from main business) |
| 456 | 4f | | **LENGTH OF TIME AT MAIN JOB/BUSINESS** |
| | | 64 | 1. One year or less |
| | | 49 | 2. More than 1 year up to 3 years |
| | | 40 | 3. More than 3 years up to 5 years |
| | | 56 | 4. More than 5 years up to 10 years |
| | | 117 | 5. More than 10 years |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 457-458 | 4g | | **NUMBER OF HOURS AT OTHER JOB/BUSINESSES** |
| | | 261 | 01-80. 1-80+ hours per week |
| | | 46 | 90. Worked at main job or business, unknown number of hours |
| | | 63,095 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer; no other job and no other business) |
| 459-464 | 4h | | **INCOME RECEIVED FROM OTHER BUSINESSES** |
| 459 | | | **LOSS** |
| | | 17 | 1. Income loss from other business |
| | | 309 | 2. No income loss from other business (includes no other job or business) |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |
| 460-464 | | | **DOLLAR AMOUNT RECEIVED** |
| | | 171 | 00000-00999. Dollars received |
| | | 46 | 01000. 1,000 dollars or more received |
| | | 92 | 99997. No other business |
| | | 63,093 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer; income loss from other business) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 465-469 | 4i | | **INCOME RECEIVED FROM OTHER JOBS** |
| | | 44 | 00000-00999. Dollars received |
| | | 18 | 01000. 1,000 dollars or more received |
| | | 264 | 99997. No other job |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |
| 470-471 | 4j | | **NUMBER OF MONTHS SELF-EMPLOYED** |
| | | 316 | 01-12. 1-12 months |
| | | 10 | 13. Self-employed, unknown number of months |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |
| 472-473 | 4k | | **NUMBER OF MONTHS HAD AT LEAST ONE JOB OR BUSINESS** |
| | | 323 | 01-12. 1-12 months |
| | | 3 | 13. Worked unknown number of months |
| | | 63,076 | Blank. N.A. (Under 14; no job or business last month or not both self-employed and working for employer) |
| 474 | 5a | | **NUMBER EMPLOYEES AT ALL SITES** |
| | | 6,760 | 1. 1-9 |
| | | 2,689 | 2. 10-24 |
| | | 2,098 | 3. 25-49 |
| | | 1,951 | 4. 50-99 |
| | | 3,722 | 5. 100-499 |
| | | 1,542 | 6. 500-999 |
| | | 10,499 | 7. 1000 or more |
| | | 34,141 | Blank. N.A. (Under 18; no job or business in last month) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 475 | 5b | | **BLANK** |
| 476 | 6a | | **ANYONE IN FAMILY RECEIVE SOCIAL SECURITY/RAILROAD RETIREMENT** |
| | | 12,911 | 1. Yes |
| | | 50,491 | 2. No |
| 477 | 6b | | **SOCIAL SECURITY/RAILROAD RETIREMENT BY PERSON** |
| | | 8,749 | 1. Yes |
| | | 54,653 | 2. No |
| 478-481 | 6d | | **DOLLAR AMOUNT RECEIVED-SS/RR FOR PERSON** |
| | | 8,457 | 0001-1199. Dollars received from SS/RR |
| | | 292 | 1200. 1,200 dollars or more received from SS/RR |
| | | 54,653 | Blank. N.A. (SS/RR not received) |
| 482-483 | Recode | | **RECEIVED SS/RR FOR NUMBER OF MONTHS** |
| | | 3,429 | 01-60. 1-60 Months |
| | | 5,320 | 61. 61+ months |
| | | 54,653 | Blank. N.A. (Did not receive SS/RR) |
| 484 | 6f | | **SS/RR RECEIVED AS DISABILITY BENEFIT** |
| | | 1,131 | 1. Yes |
| | | 1,040 | 2. No |
| | | 61,231 | Blank. N.A. (SS/RR not received; 65 years of age and older) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 485 | 6g | | **RECEIVE SS/RR DUE TO OWN DISABILITY** |
| | | 955 | 1. Yes |
| | | 176 | 2. No |
| | | 62,271 | Blank. N.A. (SS/RR not received; SS/RR not received as a disability benefit; 65 years of age and older) |
| 486 | 7a | | **ANYONE IN FAMILY APPLIED FOR SSA DISABILITY** |
| | | 3,936 | 1. Yes |
| | | 59,466 | 2. No |
| 487 | 7b | | **PERSON APPLIED FOR SSA DISABILITY** |
| | | 1,614 | 1. Yes |
| | | 61,788 | 2. No |
| 488-489 | 7d | | **NUMBER TIMES PERSON APPLIED FOR SSA DISABILITY** |
| | | 1,612 | 01-20. 1-20 times |
| | | 2 | 21. 21+ times |
| | | 61,788 | Blank. N.A. (Did not apply for SSA disability) |
| 490 | 8a | | **ANYONE IN FAMILY RECEIVE SSI** |
| | | 3,439 | 1. Yes |
| | | 59,963 | 2. No |
| 491 | 8b | | **SSI FOR PERSON** |
| | | 1,456 | 1. Yes |
| | | 61,946 | 2. No |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 492-495 | 8d | | **DOLLAR AMOUNT RECEIVED - SSI FOR PERSON** |
| | | 1,347 | 0001-0599. Dollars received from SSI |
| | | 109 | 0600. 600 dollars or more received from SSI |
| | | 61,946 | Blank. N.A. (SSI not received) |
| 496-497 | Recode | | **PERSON RECEIVED SSI FOR NUMBER OF MONTHS** |
| | | 806 | 01-60. 1-60 Months |
| | | 650 | 61. 61+ months |
| | | 61,946 | Blank. N.A. (Did not receive SSI) |
| 498 | 9a | | **ANYONE IN FAMILY APPLIED FOR SSI** |
| | | 2,282 | 1. Yes |
| | | 61,120 | 2. No |
| 499 | 9b | | **PERSON APPLIED FOR SSI** |
| | | 935 | 1. Yes |
| | | 62,467 | 2. No |
| 500-501 | 9d | | **NUMBER TIMES PERSON APPLIED FOR SSI** |
| | | 934 | 01-20. 1-20 times |
| | | 1 | 21. 21+ times |
| | | 62,467 | Blank. N.A. (Did not apply for SSI) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 502 | 10a | | **ANYONE IN FAMILY RECEIVE ANY OTHER DISABILITY PENSION** |
| | | 1,213 | 1. Yes |
| | | 62,189 | 2. No |
| 503 | 10b | | **DISABILITY PENSION FOR PERSON** |
| | | 511 | 1. Yes |
| | | 62,891 | 2. No |
| 504-507 | 10d | | **DOLLAR AMOUNT RECEIVED FROM OTHER DISABILITY PENSION FOR PERSON** |
| | | 480 | 0001-1999. Dollars received from disability pension |
| | | 31 | 2000. 2,000 dollars or more received from other disability pension |
| | | 62,891 | Blank. N.A. (Did not receive other disability pension) |
| 508 | 11a | | **ANYONE IN FAMILY RECEIVE OTHER PENSION** |
| | | 6,370 | 1. Yes |
| | | 57,032 | 2. No |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 509 | 11b | | **PERSON RECEIVED OTHER PENSION** |
| | | 3,527 | 1. Yes |
| | | 59,875 | 2. No |
| 510-514 | 11d | | **DOLLAR AMOUNT RECEIVED FROM OTHER PENSION FOR PERSON** |
| | | 3,421 | 00001-03349. Dollars received from other pension |
| | | 106 | 03350. 3,350 dollars or more received from other pension |
| | | 59,875 | Blank. N.A. (Did not receive other pension) |
| 515 | 12a | | **ANYONE IN FAMILY RECEIVE WELFARE** |
| | | 4,730 | 1. Yes |
| | | 47,764 | 2. No |
| | | 10,908 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income) |
| 516 | 12b | | **PERSON RECEIVED WELFARE** |
| | | 2,749 | 1. Yes |
| | | 49,745 | 2. No |
| | | 10,908 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 517 | 12d | | **TYPE OF WELFARE RECEIVED** |
| | | 2,425 | 1. AFDC |
| | | 315 | 2. Other |
| | | 9 | 3. Both |
| | | 60,653 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income; did not receive welfare) |
| 518-519 | 12e | | **NUMBER OF MONTHS RECEIVED PAYMENTS** |
| | | 2,615 | 01-12. 1-12 months |
| | | 134 | 13. Received welfare unknown number of months |
| | | 60,653 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income; did not receive welfare) |
| 520-523 | 12f | | **DOLLAR AMOUNT RECEIVED FROM WELFARE FOR PERSON** |
| | | 2,619 | 0001-0399. Dollars received from welfare |
| | | 130 | 0400. 400 dollars or more received from welfare |
| | | 60,653 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income; did not receive welfare) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 524 | 13a | | **ANYONE IN FAMILY RECEIVE FOOD STAMPS (REFERENCE PERSON ONLY)** |
| | | 2,113 | 1. Yes |
| | | 15,073 | 2. No |
| | | 46,216 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income; not reference person) |
| 525-528 | 13b | | **TOTAL VALUE OF FOOD STAMP ALLOTMENT (REFERENCE PERSON ONLY)** |
| | | 2,005 | 0001-0399. Dollar value of foodstamps |
| | | 108 | 0400. 400 dollars or more value of foodstamps |
| | | 61,289 | Blank. N.A. (Single person or married couple only household with $20,000+ annual income; did not receive food stamps) |
| 529 | 14a | | **ANYONE IN FAMILY EARN INTEREST MONEY** |
| | | 31,125 | 1. Yes |
| | | 32,277 | 2. No |
| 530 | 14b | | **PERSON EARNED INTEREST** |
| | | 22,839 | 1. Yes |
| | | 40,563 | 2. No |
| 531-534 | 14d | | **DOLLAR AMOUNT RECEIVED FROM INTEREST FOR PERSON** |
| | | 22,386 | 0001-0999. Dollars received from interest |
| | | 453 | 1000. 1,000 dollars or more received from interest |
| | | 40,563 | Blank. N.A. (Did not receive interest income) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 535-536 | 14e,f | | **BLANK** |
| 537 | 15a | | **ANYONE IN FAMILY RECEIVE DIVIDEND INCOME** |
| | | 9,193 | 1. Yes |
| | | 54,209 | 2. No |
| 538 | 15b | | **PERSON RECEIVED DIVIDENDS** |
| | | 5,797 | 1. Yes |
| | | 57,605 | 2. No |
| 539-543 | 15d | | **AMOUNT RECEIVED FROM DIVIDEND FOR PERSON** |
| 539 | | | **LOSS** |
| | | 106 | 1. Income loss from investments |
| | | 5,691 | 2. No income loss from investments |
| | | 57,605 | Blank. N.A. (Did not receive dividend income) |
| 540-543 | | | **DOLLAR AMOUNT** |
| | | 5,519 | 0000-2599. Dollars received from dividends |
| | | 172 | 2600. 2,600 dollars or more received from dividends |
| | | 57,711 | Blank. N.A. (Did not receive dividend income; income loss from investments) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 544-545 | 15e,f | | **BLANK** |
| 546 | 16a | | **ANYONE IN FAMILY RECEIVE INCOME FROM OTHER SOURCES** |
| | | 5,992 | 1. Yes |
| | | 57,410 | 2. No |
| 547 | 16b | | **INCOME FROM OTHER SOURCE(S)FOR PERSON** |
| | | 2,446 | 1. Yes |
| | | 60,956 | 2. No |
| 548-551 | 16d | | **DOLLAR AMOUNT RECEIVED FROM OTHER SOURCES FOR PERSON** |
| | | 2,371 | 0001-1869. Dollars received from other sources |
| | | 75 | 1870. 1,870 dollars or more received from other sources |
| | | 60,956 | Blank. N.A. (Did not receive other income) |
| 552-553 | 16e,f | | **BLANK** |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 554 | 17a | | **ANYONE OWN CAR, TRUCK, OR OTHER VEHICLE** |
| | | 55,794 | 1. Yes |
| | | 7,608 | 2. No |
| 555 | 17b | | **ESTIMATED WORTH OF VEHICLES** |
| | | 7,077 | 1. Less than $2000 |
| | | 8,523 | 2. $2000-$4999 |
| | | 9,975 | 3. $5000-$9999 |
| | | 14,938 | 4. $10,000-$19,999 |
| | | 12,743 | 5. $20,000-$49,999 |
| | | 2,112 | 6. $50,000-$99,999 |
| | | 426 | 7. $100,000 or more |
| | | 7,608 | Blank. N.A. (Did not own car, truck, or other vehicle) |
| | | | **HOUSE/APT NOW:** |
| 556 | 18a(1) | | **OWNED OR BEING BOUGHT** |
| | | 40,614 | 1. Yes |
| | | 22,788 | 2. No |
| 557 | 18a(2) | | **RENTED FOR MONEY** |
| | | 21,385 | 1. Yes |
| | | 1,403 | 2. No |
| | | 40,614 | Blank. N.A. (House or apartment is owned or being bought) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 558 | 18a(3) | | **OCCUPIED WITHOUT PAYMENT OF MONEY RENT** |
| | | 1,270 | 1. Yes |
| | | 133 | 2. No |
| | | 61,999 | Blank. N.A. (House or apartment is owned or being bought, or rented) |
| 559 | 18b | | **PRESENT VALUE OF THIS PLACE (HOUSE/APT OWNED OR BEING BOUGHT)** |
| | | 3,224 | 1. Less than $25,000 |
| | | 5,161 | 2. $25,000-$49,999 |
| | | 12,752 | 3. $50,000-$99,999 |
| | | 13,613 | 4. $100,000-$199,999 |
| | | 3,915 | 5. $200,000-$299,999 |
| | | 1,484 | 6. $300,000-$499,999 |
| | | 465 | 7. $500,000 or more |
| | | 22,788 | Blank. N.A. |
| 560 | 18c | | **FULLY PAID OR MONEY OWED (HOUSE OR APT OWNED OR BEING BOUGHT)** |
| | | 12,153 | 1. Fully paid for, nothing owed |
| | | 28,461 | 2. Still owe something |
| | | 22,788 | Blank. N.A. |
| 561 | 18d | | **AMOUNT OF MONTHLY MORTGAGE PAYMENT (HOUSE/APT BEING BOUGHT, STILL OWE SOMETHING)** |
| | | 9,646 | 1. Less than $500 |
| | | 11,630 | 2. $500-$999 |
| | | 6,334 | 3. $1,000-$1,999 |
| | | 851 | 4. $2,000 or more |
| | | 34,941 | Blank. N.A. |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 562 | 18e | | **AMOUNT OF MONTHLY RENT (HOUSE/APT RENTED)** |
| | | 12,084 | 1. Less than $500 |
| | | 8,514 | 2. $500-$999 |
| | | 734 | 3. $1,000-$1,999 |
| | | 53 | 4. $2,000 or more |
| | | 42,017 | Blank. N.A. |
| 563 | 18f | | **MONTHLY RENT INCLUDES MEALS/ UTILITIES (HOUSE/APT RENTED)** |
| | | 4,450 | 1. Yes |
| | | 16,935 | 2. No |
| | | 42,017 | Blank. N.A. |
| 564 | 19 | | **OWN OTHER ASSETS** |
| | | 13,493 | 1. Yes |
| | | 49,909 | 2. No |
| 565 | 20a | | **OWN OTHER PROPERTY** |
| | | 6,426 | 1. Yes |
| | | 7,067 | 2. No |
| | | 49,909 | Blank. N.A. (No other assests) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 566 | 20b | | **NET VALUE OTHER PROPERTY** |
| | | 2,050 | 1. Less than $25,000 |
| | | 1,186 | 2. $25,000-$49,999 |
| | | 1,407 | 3. $50,000-$99,999 |
| | | 888 | 4. $100,000-$199,999 |
| | | 353 | 5. $200,000-$299,999 |
| | | 233 | 6. $300,000-$499,999 |
| | | 309 | 7. $500,000 or more |
| | | 56,976 | Blank. N.A. (No other assests; own no other property) |
| 567 | 21a | | **OWN BUSINESS, FARM, PROFESSIONAL PRACTICE** |
| | | 4,570 | 1. Yes |
| | | 8,923 | 2. No |
| | | 49,909 | Blank. N.A. (No other assets) |
| 568 | 21b | | **NET VALUE BUSINESS, FARM, PROFESSIONAL PRACTICE** |
| | | 1,848 | 1. Less than $25,000 |
| | | 432 | 2. $25,000-$49,999 |
| | | 612 | 3. $50,000-$99,999 |
| | | 590 | 4. $100,000-$199,999 |
| | | 296 | 5. $200,000-$299,999 |
| | | 298 | 6. $300,000-$499,999 |
| | | 494 | 7. $500,000 or more |
| | | 58,832 | Blank. N.A. (No other assets; no other business) |
| 569 | 22a | | **OTHER SAVINGS, ASSETS, PROPERTY** |
| | | 8,012 | 1. Yes |
| | | 5,481 | 2. No |
| | | 49,909 | Blank. N.A. (No other assets) |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 570 | 22b | | **PRESENT VALUE OF OTHER ASSETS** |
| | | 2,979 | 1. Less than $25,000 |
| | | 1,241 | 2. $25,000-$49,999 |
| | | 1,201 | 3. $50,000-$99,999 |
| | | 1,149 | 4. $100,000-$199,999 |
| | | 451 | 5. $200,000-$299,999 |
| | | 388 | 6. $300,000-$499,999 |
| | | 603 | 7. $500,000 or more |
| | | 55,390 | Blank. N.A. (No other assets; do not own other savings, assets, or stock) |
| 571-572 | Recode | | **PERSON NUMBER OF REFERENCE PERSON** |
| | | 4,316 | 00. Unknown person number |
| | | 58,931 | 01-28. Person number |
| | | 0 | 30-97. Person number |
| | | 125 | 98. Active duty military |
| | | 30 | 99. Non-household member |
| 573 | Recode | | **RESPONDENT STATUS** |
| | | 23,864 | 1. Self |
| | | 35,235 | 2. Proxy |
| | | 4,303 | 9. Unknown respondent |
| 574 | | | **DUMMY RECORD LOCATOR** |
| | | 18 | 0. 1 record dummied |
| | | 2,594 | 1. Both records dummied |
| | | 60,790 | Blank. Not a dummy |
| 575-580 | | | **BLANK** |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 581-586 | | | **TOTAL EDITED PERSON INCOME SUM OF 16 EDITED AMOUNTS (v2c, v2f, v3b, v3e, v4d, v4e, v4h, v4i, v6d, v8d, v10d, v11d, v12f, v14d, v15d, and v16d)*** |
| | | 63,402 | 000000 to 019087 Dollars. |
| 587-592 | | | **TOTAL EDITED FAMILY INCOME SUM OF TOTAL EDITED PERSON INCOME OF ALL PERSONS IN THAT FAMILY*** |
| | | 63,402 | 000000 to 035105 Dollars. |
| 593 | | | **MATRIX 3 ALLOCATION OF SOCIAL SECURITY/RR (Item 6b, and if applicable, Items 6d, 6e, 6f, 6g, 7b and 7d)** |
| | | 59,244 | 0. Matrix not used |
| | | 4,158 | 1. Matrix used |
| 594 | | | **MATRIX 3a ALLOCATION OF SOCIAL SECURITY/RR DOLLAR AMOUNT AND NO. OF MONTHS (Items 6d and 6e)** |
| | | 61,209 | 0. Matrix not used |
| | | 2,193 | 1. Matrix used |
| 595 | | | **MATRIX 3b ALLOCATION OF SOCIAL SECURITY/RR DISABILITY BENEFIT STATUS (Item 6f, and if applicable, Item 6g)** |
| | | 63,214 | 0. Matrix not used |
| | | 188 | 1. Matrix used |

* Item 13b (Total Value of Food Stamps) is not included in this total.

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 596 | | | **MATRIX 3c ALLOCATION OF SOCIAL SECURITY/RR DUE TO DISABILITY (Item 6g)** |
| | | 63,370 | 0. Matrix not used |
| | | 32 | 1. Matrix used |
| 597 | | | **MATRIX 3d ALLOCATION OF SOCIAL SECURITY/RR DISABILITY STATUS (Item 7b, and if applicable, Item 7d)** |
| | | 62,973 | 0. Matrix not used |
| | | 429 | 1. Matrix used |
| 598 | | | **MATRIX 3e ALLOCATION OF SOCIAL SECURITY/RR NO. OF TIMES APPLIED (Item 7d)** |
| | | 63,317 | 0. Matrix not used |
| | | 85 | 1. Matrix used |
| 599 | | | **MATRIX 4 ALLOCATION OF SUPPLEMENTAL SECURITY INCOME (Items 8a, and if applicable, Items 8d, 8e, 9b and 9d)** |
| | | 59,184 | 0. Matrix not used |
| | | 4,218 | 1. Matrix used |
| 600 | | | **MATRIX 4a ALLOCATION OF SUPPLEMENTAL SECURITY INCOME DOLLAR AMOUNT AND NO. OF MONTHS (Items 8d and 8e)** |
| | | 62,889 | 0. Matrix not used |
| | | 513 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 601 | | | **MATRIX 4b ALLOCATION OF SUPPLEMENTAL SECURITY INCOME APPLIED FOR SSI (Item 9b, and if applicable, Item 9d)** |
| | | 63,060 | 0. Matrix not used |
| | | 342 | 1. Matrix used |
| 602 | | | **MATRIX 4c ALLOCATION OF SUPPLEMENTAL SECURITY INCOME NO. OF TIMES APPLIED FOR SSI (Item 9d)** |
| | | 63,342 | 0. Matrix not used |
| | | 60 | 1. Matrix used |
| 603 | | | **MATRIX 5 ALLOCATION OF PUBLIC ASSISTANCE OR WELFARE (Item 12b, and if applicable, Items 12d, 12e, and 12f)** |
| | | 55,826 | 0. Matrix not used |
| | | 7,576 | 1. Maxtix used |
| 604 | | | **MATRIX 5a ALLOCATION OF PUBLIC ASSISTANCE/WELFARE DOLLAR AMOUNT AND NO. OF MONTHS (Items 12e and 12f)** |
| | | 63,097 | 0. Matrix not used |
| | | 305 | 1. Maxtix used |
| 605 | | | **MATRIX 6 ALLOCATION OF TYPE OF WELFARE RECEIVED (Item 12d)** |
| | | 63,217 | 0. Matrix not used |
| | | 185 | 1. Maxtix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 606 | | | **MATRIX 11 ALLOCATION OF JOB STATUS (Item 2a)** |
| | | 60,584 | 0. Matrix not used |
| | | 2,818 | 1. Matrix used |
| 607 | | | **MATRIX 12 ALLOCATION OF CLASS OF WORKER (Item 1b)** |
| | | 62,000 | 0. Matrix not used |
| | | 1,402 | 1. Matrix used |
| 608 | | | **MATRIX 12a ALLOCATION OF WHETHER JOB OR BUSINESS (Item 4b)** |
| | | 63,348 | 0. Matrix not used |
| | | 54 | 1. Matrix used |
| 609 | | | **MATRIX 13 ALLOCATION OF MONTHS WORKED - EMPLOYEE ONLY (Item 2g)** |
| | | 60,514 | 0. Matrix not used |
| | | 2,888 | 1. Matrix used |
| 610 | | | **MATRIX 13a ALLOCATION OF MONTHS WORKED - SELF-EMPLOYED ONLY (Item 3g)** |
| | | 62,860 | 0. Matrix not used |
| | | 542 | 1. Matrix used |
| 611 | | | **MATRIX 13b ALLOCATION OF MONTHS WORKED - BOTH EMPLOYEE AND SELF-EMPLOYED (Item 4k)** |
| | | 63,346 | 0. Matrix not used |
| | | 56 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 612 | | | **MATRIX 14 ALLOCATION OF HOURS PER WEEK AND WHETHER HOURLY AT MAIN JOB AND/OR HOURS PER WEEK AT OTHER JOBS (Items 2a, 2b and/or 2c)** |
| | | 59,209 | 0. Matrix not used |
| | | 4,193 | 1. Matrix used |
| 613 | | | **MATRIX 14a ALLOCATION OF HOURS PER WEEK AT MAIN BUSINESS AND/OR HOURS PER WEEK AT OTHER BUSINESS (Items 3a, and/or 3d)** |
| | | 62,968 | 0. Matrix not used |
| | | 434 | 1. Matrix used |
| 614 | | | **MATRIX 14b ALLOCATION OF HOURS PER WEEK AND WHETHER HOURLY AT MAIN JOB/BUSINESS AND/OR HOURS PER WEEK AT OTHER JOBS/BUSINESS (Items 4a, 4c and/or 4g)** |
| | | 63,319 | 0. Matrix not used |
| | | 83 | 1. Matrix used |
| 615 | | | **MATRIX 15 ALLOCATION OF EARNINGS OF EMPLOYEE ONLY WORKER AND LENGTH OF TIME AT MAIN JOB (Items 2c, 2d and/or 2f)** |
| | | 54,710 | 0. Matrix not used |
| | | 8,692 | 1. Maxtix used |
| 616 | | | **MATRIX 16 ALLOCATION OF EARNINGS OF SELF-EMPLOYED ONLY WORKER, LENGTH OF TIME AT MAIN BUSINESS AND MONTHS SELF-EMPLOYED (Items 3b, 3c, 3e and 3f)** |
| | | 61,600 | 0. Matrix not used |
| | | 1,802 | 1. Maxtix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 617 | | | **MATRIX 17 ALLOCATION OF EARNINGS OF WORKERS - BOTH SELF-EMPLOYED AND EMPLOYER JOBS, LENGTH OF TIME AT MAIN JOB/BUSINESS AND MONTHS SELF-EMPLOYED (Items 4d, 4e, 4f, 4h, 4i and 4j)** |
| | | 63,237 | 0. Matrix not used |
| | | 165 | 1. Maxtix used |
| 618 | | | **MATRIX 18 ALLOCATION OF OTHER DISABILITY PENSIONS (Item 10b, and if applicable, Item 10d)** |
| | | 59,113 | 0. Matrix not used |
| | | 4,289 | 1. Matrix used |
| 619 | | | **MATRIX 18a ALLOCATION OF OTHER DISABILITY PENSIONS DOLLAR AMOUNT (Item 10d)** |
| | | 63,315 | 0. Matrix not used |
| | | 87 | 1. Matrix used |
| 620 | | | **MATRIX 19 ALLOCATION OF OTHER RETIREMENT OR SURVIVOR PENSION (Item 11b and if applicable, Item 11d)** |
| | | 59,063 | 0. Matrix not used |
| | | 4,339 | 1. Matrix used |
| 621 | | | **MATRIX 19a ALLOCATION OF OTHER RETIREMENT OR SURVIVOR PENSIONS DOLLARS AMOUNT (Item 11d)** |
| | | 62,659 | 0. Matrix not used |
| | | 743 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 622 | | | **MATRIX 20 ALLOCATION OF FOOD STAMPS (Item 13a and if applicable, Item 13b)** |
| | | 61,875 | 0. Matrix not used |
| | | 1,527 | 1. Matrix used |
| 623 | | | **MATRIX 20a ALLOCATION OF FOOD STAMPS DOLLAR AMOUNT (Item 13b)** |
| | | 63,228 | 0. Matrix not used |
| | | 174 | 1. Maxtix used |
| 624 | | | **MATRIX 21 ALLOCATION OF INTEREST INCOME (Item 14b and if applicable, Item 14d)** |
| | | 57,645 | 0. Matrix not used |
| | | 5,757 | 1. Maxtix used |
| 625 | | | **MATRIX 21a ALLOCATION INTEREST INCOME DOLLAR AMOUNT (Item 14d) - FOR PERSONS WHO GAVE DOLLAR RANGES (Items 14e or 14f)** |
| | | 56,269 | 0. Matrix not used |
| | | 7,133 | 1. Maxtix used |
| 626 | | | **MATRIX 21b ALLOCATION OF INTEREST INCOME DOLLAR AMOUNT (Item 14d)** |
| | | 54,874 | 0. Matrix not used |
| | | 8,528 | 1. Maxtix used |
| 627 | | | **MATRIX 22 ALLOCATION OF DIVIDEND INCOME (Item 15b and if applicable, Item 15d)** |
| | | 57,643 | 0. Matrix not used |
| | | 5,759 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 628 | | | **MATRIX 22a ALLOCATION OF DIVIDEND INCOME DOLLAR AMOUNT (Item 15d) - FOR PERSONS WHO GAVE DOLLAR RANGES (Items 15e and/or Item 15f)** |
| | | 62,366 | 0. Matrix not used |
| | | 1,036 | 1. Matrix used |
| 629 | | | **MATRIX 22b ALLOCATION OF DIVIDEND INCOME DOLLAR AMOUNT (Items 15d)** |
| | | 60,846 | 0. Matrix not used |
| | | 2,556 | 1. Matrix used |
| 630 | | | **MATRIX 23 ALLOCATION OF ALL OTHER INCOME (Item 16b and if applicable, Item 16d)** |
| | | 58,731 | 0. Matrix not used |
| | | 4,671 | 1. Matrix used |
| 631 | | | **MATRIX 23a ALLOCATION OF ALL OTHER INCOME DOLLAR AMOUNT (Item 16d) - FOR PERSONS WHO GAVE DOLLAR RANGES (Item 16e and/or Item 16f)** |
| | | 63,337 | 0. Matrix not used |
| | | 65 | 1. Matrix used |
| 632 | | | **MATRIX 23b ALLOCATION OF ALL OTHER INCOME DOLLAR AMOUNT (Item 16d)** |
| | | 63,161 | 0. Matrix not used |
| | | 241 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 633 | | | **MATRIX 24 ALLOCATION OF CAR, TRUCK OWNERSHIP AND/OR WORTH OF VEHICLES (Items 17a and/or 17b)** |
| | | 59,181 | 0. Matrix not used |
| | | 4,221 | 1. Matrix used |
| 634 | | | **MATRIX 24a ALLOCATION OF WORTH OF VEHICLES (Item 17b)** |
| | | 59,626 | 0. Matrix not used |
| | | 3,776 | 1. Matrix used |
| 635 | | | **MATRIX 25 ALLOCATION OF HOUSE OWNERSHIP, RENTER STATUS AND APPLICABLE HOUSING VARIABLES (Items 18a(1), 18a(2), 18a(3), and if applicable, Items 18b, 18c and 18d or 18e and 18f)** |
| | | 59,165 | 0. Matrix not used |
| | | 4,237 | 1. Matrix used |
| 636 | | | **MATRIX 25a ALLOCATION OF RENTER STATUS AND APPLICABLE HOUSING VARIABLES (Items 18a(2), 18a(3), and if applicable, Items 18b, 18c and 18d or 18e and 18f)** |
| | | 63,311 | 0. Matrix not used |
| | | 91 | 1. Matrix used |
| 637 | | | **MATRIX 25b ALLOCATION OF VALUE OF HOUSE, WHETHER FULLY PAID AND AMOUNT OF MORTGAGE (Items 18b, 18c, and if applicable, 18d)** |
| | | 62,797 | 0. Matrix not used |
| | | 605 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 638 | | | **MATRIX 25c ALLOCATION OF VALUE OF HOUSE AND AMOUNT OF MORTGAGE (Items 18b and 18d)** |
| | | 62,893 | 0. Matrix not used |
| | | 509 | 1. Matrix used |
| 639 | | | **MATRIX 25d ALLOCATION OF WHETHER HOUSE IF FULLY PAID AND AMOUNT OF MORTGAGE (Items 18c and 18d)** |
| | | 63,024 | 0. Matrix not used |
| | | 378 | 1. Matrix used |
| 640 | | | **MATRIX 25e ALLOCATION OF AMOUNT OF MORTGAGE (Item 18d)** |
| | | 62,439 | 0. Matrix not used |
| | | 963 | 1. Matrix used |
| 641 | | | **MATRIX 25f ALLOCATION OF VALUE OF HOUSE (Item 18b)** |
| | | 61,481 | 0. Matrix not used |
| | | 1,921 | 1. Matrix used |
| 642 | | | **MATRIX 25g ALLOCATION OF AMOUNT OF RENT AND WHETHER INCLUDES MEALS/UTILITIES (Items 18e and 18f)** |
| | | 63,205 | 0. Matrix not used |
| | | 197 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 643 | | | **MATRIX 25h ALLOCATION OF WHETHER RENT INCLUDES MEALS/UTILITIES (Item 18f)** |
| | | 62,922 | 0. Matrix not used |
| | | 480 | 1. Matrix used |
| 644 | | | **MATRIX 25i ALLOCATION OF AMOUNT OF RENT (Item 18e)** |
| | | 63,117 | 0. Matrix not used |
| | | 285 | 1. Matrix used |
| 645 | | | **MATRIX 26 ALLOCATION OF WHETHER OWN OTHER ASSETS AND APPLICABLE ASSETS OWNERSHIP VARIABLES (Items 19, 20a, 20b, 21a, 21b, 22a and 22b)** |
| | | 58,066 | 0. Matrix not used |
| | | 5,336 | 1. Matrix used |
| 646 | | | **MATRIX 26a ALLOCATION OF WHETHER OWN OTHER PROPERTY (Item 20a, and if applicable, Item 20b)** |
| | | 63,244 | 0. Matrix not used |
| | | 158 | 1. Matrix used |
| 647 | | | **MATRIX 26b ALLOCATION OF NET VALUE OTHER PROPERTY (Item 20b)** |
| | | 62,524 | 0. Matrix not used |
| | | 878 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 648 | | | **MATRIX 26c ALLOCATION OF WHETHER OWN BUSINESS, FARM, PROFESSIONAL PRACTICE (Item 21a, and if applicable, Item 21b)** |
| | | 63,178 | 0. Matrix not used |
| | | 224 | 1. Matrix used |
| 649 | | | **MATRIX 26d ALLOCATION OF NET VALUE BUSINESS, FARM, PROFESSIONAL PRACTICE (Item 21b)** |
| | | 61,901 | 0. Matrix not used |
| | | 1,501 | 1. Matrix used |
| 650 | | | **MATRIX 26e ALLOCATION OF OTHER SAVINGS, ASSETS, PROPERTY (Item 22a, if applicable, Item 22b)** |
| | | 62,970 | 0. Matrix not used |
| | | 432 | 1. Matrix used |
| 651 | | | **MATRIX 26f ALLOCATION OF NET VALUE OTHER SAVINGS, ASSETS, PROPERTY (Item 22b)** |
| | | 61,751 | 0. Matrix not used |
| | | 1,651 | 1. Matrix used |
| 652 | | | **MATRIX 27 ALLOCATION OF NO. OF EMPLOYEES - EMPLOYEE ONLY (Item 5a)** |
| | | 57,567 | 0. Matrix not used |
| | | 5,835 | 1. Matrix used |

| File Locations | Item No. | Frequency | Items and Codes |
|---|---|---|---|
| 653 | | | **MATRIX 28 ALLOCATION OF NO. OF EMPLOYEES - SELF-EMPLOYED ONLY (Item 5a)** |
| | | 62,941 | 0. Matrix not used |
| | | 461 | 1. Matrix used |
| 654 | | | **MATRIX 29 ALLOCATION OF NO. OF EMPLOYEES - BOTH EMPLOYEE AND SELF-EMPLOYED (Item 5a)** |
| | | 63,340 | 0. Matrix not used |
| | | 62 | 1. Matrix used |
| 655 | | | **BLANK** |