
NATIONAL CENTER FOR EDUCATION STATISTICS

User's Manual

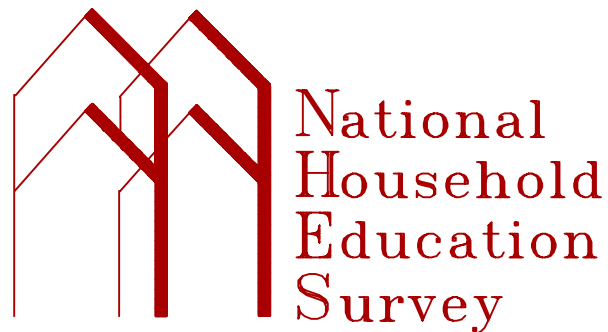
July 1997

National Household Education Survey of 1996

Data File User's Manual

Volume II

Household and Library Data File



NATIONAL CENTER FOR EDUCATION STATISTICS

User's Manual

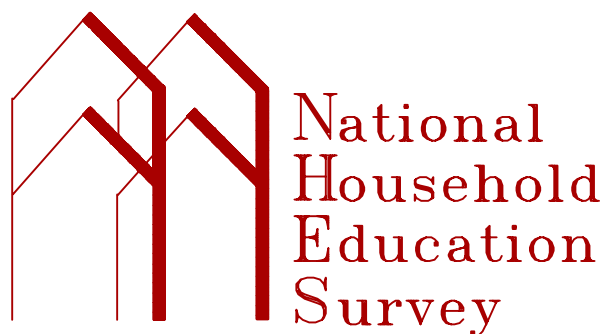
July 1997

National Household Education Survey of 1996

Data File User's Manual

Volume II

Household and Library Data File



Mary A. Collins, Project Director
J. Michael Brick, Senior Statistician
Mary Jo Nolin
Nancy Vaden-Kierman
Susan Gilmore
Westat, Inc.

Kathryn Chandler
National Center for Education Statistics

Chris Chapman
Education Statistics Services Institute

U.S. Department of Education
Office of Educational Research and Improvement

NCES 97-424

U.S. Department of Education

Richard W. Riley
Secretary

Office of Educational Research and Improvement

Ramon C. Cortines
Acting Assistant Secretary

National Center for Education Statistics

Pascal D. Forgione, Jr.
Commissioner

The National Center for Education Statistics (NCES) is the primary federal entity for collecting, analyzing, and reporting data related to education in the United States and other nations. It fulfills a congressional mandate to collect, collate, analyze, and report full and complete statistics on the condition of education in the United States; conduct and publish reports and specialized analyses of the meaning and significance of such statistics; assist state and local education agencies in improving their statistical systems; and review and report on education activities in foreign countries.

NCES activities are designed to address high priority education data needs; provide consistent, reliable, complete, and accurate indicators of education status and trends; and report timely, useful, and high quality data to the U.S. Department of Education, the Congress, the states, other education policymakers, practitioners, data users, and the general public.

We strive to make our products available in a variety of formats and in language that is appropriate to a variety of audiences. You, as our customer, are the best judge of our success in communicating information effectively. If you have any comments or suggestions about this or any other NCES product or report, we would like to hear from you. Please direct your comments to:

National Center for Education Statistics
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208-5574

July 1997

Suggested Citation

U.S. Department of Education. National Center for Education Statistics. *National Household Education Survey of 1996: Data File User's Manual, Volume II: Household and Library Data File*, NCES 97-424, by Mary Collins, J. Michael Brick, Mary Jo Nolin, Nancy Vaden-Kiernan, Susan Gilmore, Kathryn Chandler and Chris Chapman. Washington, DC: 1997.

Contact:

Kathryn Chandler
(202) 219-1767
(e-mail) nhes@ed.gov
<http://www.ed.gov/NCES/NHES>

CONTENTS

Chapter

1.	Introduction	1
6.	Guide to the Data File and Codebook	3
6.1	Content and Organization of the Data File3	
6.1.1	System Variables	3
6.1.2	Household Member Summary Variables.....	4
6.1.3	Public Library Use Variables.....	5
6.1.4	Household Characteristics Variables.....	5
6.1.5	Household Membership Variables	5
6.1.6	Derived Variables	7
6.1.7	Weighting and Variance Estimation Variables.....	9
6.1.8	Imputation Flag Variables	9
6.1.9	Numeric and Character Variables.....	10
6.2	Guide to the Codebook.....	10
6.3	Public and Proprietary Data Files	10
6.4	Linking the Household & Library File to Other NHES:96 Data Files	10
7.	Data Considerations and Anomalies	13
7.1	Type of Community in Which the Household is Located.....	13
7.2	Correspondence Between Age and Grade.....	13
7.3	Income to the Nearest Thousand Dollars	13

Appendices

Appendix B:	Household & Library Public File Layout in Position Order.....	B-1
Appendix C:	SAS Code for Derived Variables	C-1
Appendix D:	Household & Library Codebook.....	D-1
Appendix E:	Linking the Household & Library File to Other NHES:96 Data Files	E-1

Figure

6-1	Example of the codebook format.....	11
-----	-------------------------------------	----

This page is blank.

INTRODUCTION

The 1996 National Household Education Survey (NHES:96) was a random digit dial (RDD) telephone survey of household developed by the National Center for Education Statistics (NCES) and conducted by Westat, Inc. The NHES:96 included two topical survey components:

- Parent and Family Involvement in Education (PFI), in which data were collected about types and frequency of family involvement in children's schooling, school practices to involve and support families, and learning activities with children outside of school; and
- Civic Involvement (CI), which included sources of information about government and knowledge about government, community service participation, political participation, and attitudes related to democratic values and government.

There were three populations of interest for the NHES:96:

- Children 3 years old through grade 12, whose parents responded to PFI items, and children in 6th through 12th grades, whose parents also responded to CI items;
- Students in grades 6 through 12, who, in addition to their parents, responded to CI items and to a small number of PFI items; and
- Adults, defined as persons 18 years old or older, not enrolled in grade 12 or below, and not on active duty in the military, whose responses to CI items provided estimates representative of all civilian U.S. adults.

In addition to the major topical components, the NHES:96 Screener collected demographic and educational information on all members in every household contacted, whether or not anyone in the household was selected for an extended interview. (The term "extended interview" refers to the interviews pertaining to the topical component of the study, that is, the Parent PFI/CI, the Youth CI, or the Adult CI interview.)

This manual, the *NHES:96 Household & Library Data File User's Manual, Volume II*, provides documentation and guidance for users of the Household & Library public release data file of the 1996 National Household Education Survey (NHES:96). This volume contains a description of the Household & Library data file and a discussion of data considerations and anomalies. Included as appendixes are the public file layout, SAS code for creating derived variables, the codebook for the Household & Library public data file, and directions and sample code for linking NHES:96 files.

Volume II is meant to be read in conjunction with the *NHES:96 Data File User's Manual, Volume I*. More information about the purpose of the study, the sample design, the other survey components, the data collection instruments, and data collection and data processing procedures is contained in the *NHES:96 Data File User's Manual, Volume I*. Information about the Parent and Family Involvement in Education and Civic Involvement (Parent PFI/CI) public data file, the Youth Civic Involvement (Youth CI)

public data file, and the Adult Civic Involvement (Adult CI) public data file can be found in Volumes III, IV, and V of this manual, respectively.

6. GUIDE TO THE DATA FILE AND CODEBOOK

6.1 Content and Organization of the Data File

This section describes the content of the Household & Library public release data file of the NHES:96. This file contains data from all 55,708 completed Screener/Household & Library interviews. There are three records for each interview completed, so the file contains 167,124 records. The file is organized so that logically related sets of variables are grouped together. The data items are listed in the file in the following order: system variables, household member summary variables, public library use variables, household characteristics, household membership variables, derived variables, weighting and variance estimation variables, and imputation flag variables.

A list of all the variables in the Household & Library data file is shown in appendix B. The VARIABLE NAME column displays the unique identifier for each variable in the data file. The VARIABLE LABEL column displays a short description associated with the variable. The FORMAT column indicates if a variable has a numeric ("N") or a character ("A") format. All of the variables in the Household & Library file except SCNRSLT, SGRADE1 through SGRADE16, SGRDEQ1 through SGRDEQ16 and STATE have numeric formats. The LENGTH column indicates the length of the variable by the number of digits. The length descriptor also includes the number of digits found after the decimal point for noninteger numeric variables (e.g., weight variables). The position of the variable is indicated in the START and END columns which indicates the position in the file where the variable begins and ends.

A value of "-1" for any variable on the data file indicates that a case was part of a legitimate skip. For example, if a person was not enrolled in school, the followup item asking the specific grade or year of school (SGRADE(*n*)) would have a value of "-1" for that person, because the question was inapplicable. This convention of assigning -1 to all legitimate skips applies to all NHES data files.

The NHES:96 data files are provided on CD-ROM and are accessible through an Electronic CodeBook (ECB) that allows data users to view variable frequencies, tag variables for extraction, and create the SAS, SPSS for DOS, or SPSS for Windows code needed to create an extract file for analysis purposes. The ECB contains all of the NHES:96 data sets: the Household & Library file, the Parent PFI/CI file, the Youth CI file, and the Adult CI file. The ECB also contains all data sets for previous NHES collections and documentation for every file. Instructions for using the CD-ROM and ECB are provided in a separate document, the *National Household Education Survey: NHES:91/93/95/96 Electronic CodeBook (ECB) User's Guide* (Collins and Chandler forthcoming). The sections that follow describe the contents of the Household & Library data file.

6.1.1 System Variables

System variables are created during the conduct of an interview and are instrumental in the successful administration of the interview. Their creation is transparent to the interviewer and to the respondent. System variables fall into two categories: linking variables (record identifiers or ID numbers) and interview status variables. Linking variables are record identifiers that provide a link to other interviews completed in the same household. Status variables are set at the completion of each interview to define interview status.

BASEID is the eight-digit identifier for the household. This ID number also forms the first eight digits of interview ID numbers for other interviews in the household providing a means of linking interviews within the same household. See appendix E for instructions in linking the NHES:96 data files.

SCRNRSLT (Screener result) is the variable that holds the final completion code for the Household & Library interview.

The values for SCRNRSLT are:

- C1 = No extended interview
- C2 = Parent PFI/CI interview
- C3 = Parent PFI/CI and Youth CI interviews
- C4 = Adult CI interview

This completion code reflects the case's status at the end of the Screener according to whether household members were sampled for any extended interviews, by interview type. The extended interviews were not completed in all cases due to unit nonresponse at the extended interview level.

SCRNRESP is the variable that indicates who responded to the Screener. The value of SCRNRESP is the person's household-member person number that was assigned during the Screener enumeration. It will be equal to the value of PNUM(*n*) for the Screener respondent. (PNUM(*n*) is described below.)

LIBRESP is the variable that indicates who responded to the questions on public library use by household members. It is the person's household-member person number that was assigned during the Screener enumeration. LIBRESP will be equal to the value of PNUM(*n*) for the person who answered the public library use items. (PNUM(*n*) is described below)

ENGLSPAN is the variable that indicates whether the interview was conducted in English or in Spanish.

The values for ENGLSPAN are:

- 1 = Interview was conducted in English
- 2 = Interview was conducted in Spanish

6.1.2 Household Member Summary Variables

Household member summary variables are variables that reflect characteristics of the household members as a unit. For example, questions were asked about whether any member of the household was on active duty in the military, whether all household members were born in the United States, and so on. In the actual Screener administration, these items were interspersed with questions on individual household members to facilitate the flow of the interview. They are grouped together on the data file for ease of use.

6.1.3 Public Library Use Variables

The Public Library Use variables appear on the file in the same order as they were asked. Refer to the NHES:96 Screener/Household & Library interview in Volume I, appendix A for the questions and their order. Although the order of the Library items was the same for each interview, the place in which they were asked as a group varied. For households assigned to the adult portion of the sample and for households in the parent/youth portion of the sample that indicated that there were no members age 20 or younger, the Library items were asked before the household members were enumerated. For other households in the parent/youth portion of the sample, the Library items were asked after the household membership items, if no child or youth was eligible for sampling, and in the first Parent PFI/CI interview if a child or youth was sampled.

6.1.4 Household Characteristics Variables

Household characteristics variables are variables that reflect characteristics of the household as a unit. For example, questions were asked about whether the home was owned or rented and the type and size of community where the household was located. These household items appear on the file in the same order as they were asked. Household questions were asked in the Screener if no household member was sampled for an extended interview. Otherwise, some of the household questions were asked at the end of the first extended interview in the household. Refer to the questionnaire in Volume I, appendix A for the questions and their order.

6.1.5 Household Membership Variables

All household members were enumerated in the Screener. Data collected included each person's first name, age and sex (S6), educational status (SX7 through SX14), and demographic characteristics (SX15 through SX22 and SX27 through SX33OV). There is a repeating series of items in the household membership section of the data file. Variable names and labels reflect sequences for each person. Each of the questions about household membership characteristics was asked for every household member enumerated and ends with a number. For example, SEX1 refers to the first person in the household, SEX2 the second person, and so on.

The household member information is stored on the public release data file for each person in descending order by age. The variables appear on the data file as follows:

PNUM1 indicates the enumeration number of the oldest household member.

HHAGE1 indicates the age of the oldest household member.

HHSEX1 indicates the sex of the oldest household member.

SENROL1 indicates whether the oldest household member is enrolled in school.

SHOMSC1 is the home school status of the oldest household member if he/she is being home schooled.

SGRADE1 is the grade or year of school attended by the oldest household member if he/she is enrolled.

VOCYR1 is the year of vocational/technical school attended by the oldest household member if he/she is enrolled in vocational/technical school.

COLLYR1 is the class standing of the oldest household member if he/she is attending college.

GRADYR1 is the year of graduate or professional school of the oldest household member if he/she is attending that type of school.

SGRDEQ1 is the grade equivalent of the oldest household member if he/she is being home schooled or attending school with non-regular grades.

PUBSCH1 indicates whether the school attended by the oldest household member is a public or private school.

FULTIM1 indicates the full time/part time enrollment status of the oldest household member if he/she is enrolled in school.

GRADE1 indicates the highest grade or year of school completed by the oldest household member age 16 and older if he/she is not enrolled in grade/equivalent 12 or below.

SDIPL1 indicates whether the oldest household member has a high school diploma or its equivalent, such as a GED, if he/she indicated that his/her highest grade completed was less than a high school diploma.

MARITL1 is the marital status of the oldest household member (set to -1 for persons under age 16).

ACTVDU1 indicates the active military status of the oldest household member (set to -1 for persons under age 16).

BORNUS1 is the country in which the oldest household member was born if the respondent indicated that not everyone in the household was born in the 50 United States or the District of Columbia.

LANG1 is the first language the oldest household member learned to speak if the respondent indicated that not every household member learned English as their first language.

RACE1 indicates the race of the oldest household member.

OTHRAC1 indicates the oldest household member's race if "some other race" was reported at RACE1 (SX21).

HISPAN1 indicates whether the oldest household member is Hispanic.

PNUM(n), HHAGE(n), HHSEX(n), SENROL(n), SHOMSC(n), SGRADE(n), VOCY(n), COLLYR(n), GRADYR(n), SGRDEQ(n), PUBSCH(n), FULTIM(n), GRADE(n), SDIPL(n), MARITL(n), BORNUS(n), LANG(n), RACE(n), OTHRAC(n), and HISPAN(n) variables are then repeated for each other household member, in descending order of age, using sequential numbers. The maximum number of persons in any household is 16. Therefore, the maximum ending number for each of these variables is 16, e.g., AGE16.

6.1.6 Derived Variables

Derived variables were developed and included in the Household & Library public use data file to aid users in their analyses. The derived variables fall into three categories: questionnaire item variables, counter variables, and variables linked to other data sources. Questionnaire item-derived variables were created by combining two or more items from the questionnaire. Counter-derived variables were created by counting the number of persons with specific characteristics enumerated in the household. The linked-derived variable in the Household & Library file, STATE, was taken from the Genesys sample file used for the NHES:96 sample of telephone numbers. Linked-derived variables, created by using the respondent's ZIP Code to extract data from the 1990 Census of Population Summary Tape File 3B (STF3B), are available on a restricted-use file.

The derived variables appear together on the file in their own section in alphabetical order. They are listed below in the same order with an explanation of how they were derived. The SAS code to create these variables is located in appendix C, with the exception of counter variables, CENREG (Census region), and STATE.

ANYLIB is a derived variable that identifies whether any household member has used a public library for any purpose in the previous month. The variables used to create ANYLIB were LVISIT1, LVISIT2, LCOMP, LPHONE, LMATLS, and LMOBILE (question L2).

The values for ANYLIB are:

- 1 = Yes
- 2 = No

CENREG is a derived variable that identifies the Census region in which the household is located. This variable is created by grouping states. The following states and the District of Columbia are in each Census region:

- Northeast: CT, MA, ME, NH, NJ, NY, PA, RI, VT
- South: AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV
- Midwest: IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI
- West: AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, WY

The values for CENREG are:

- 1 = Northeast
- 2 = South
- 3 = Midwest
- 4 = West

COMMUNITY is a derived variable representing the respondent's report of the size of the community in which the household is located. The variables used to create **COMMUNITY** were **HHCOMMUN** (SX31), **HCCITY** (SX31OV), and **HCSUB** (SX31OV2).

The values for **COMMUNITY** are:

- 1 = Very large city (over 500,000 people)
- 2 = Large city (100,000 to 500,000 people)
- 3 = Medium sized city (50,000 to 100,000 people)
- 4 = Suburb of a very large city
- 5 = Suburb of a large city
- 6 = Suburb of a medium city
- 7 = Small city or town of fewer than 50,000 people that is not a suburb of a larger city
- 8 = Rural or farming community

HH18OVER is the counter-derived variable that indicates the number of household members age 18 and older. The screener responses to **HHAGE1** through **HHAGE16** (S6) were examined for this variable.

HHTOTAL is the counter-derived variable that indicates the total number of household members. The screener responses to **HHAGE1** through **HHAGE16** (S6) were examined for this variable.

HHUNDR18 is the counter-derived variable that indicates the number of household members younger than 18 years old. The screener responses to **HHAGE1** through **HHAGE16** (S6) were examined for this variable.

HHUNDR21 is the counter-derived variable that indicates the number of household members younger than 21 years old. The screener responses to **HHAGE1** through **HHAGE16** (S6) were examined for this variable.

HIGHGRAD is the derived variable that indicates the highest level of education attained by the household member with the highest level of education. **HIGHGRAD** was created using the variables **SGRADE(n)** (SX9), **GRADE(n)** (SX13), and **SDIPL(n)** (SX14).

The values for **HIGHGRAD** are:

- 1 = Less than high school
- 2 = High school graduate or equivalent
- 3 = Vocational/technical education after high school or some college
- 4 = College graduate
- 5 = Graduate or professional school

STATE is a linked-derived variable that was taken from a Genesys sample file used for the NHES:96 sample of telephone numbers. States appear in the file as their 2-character postal designation.

6.1.7 Weighting and Variance Estimation Variables

The first variable in this section of the file is FHWT. It is the variable that should be used as the weight variable to estimate the characteristics of households. This weight contains all of the adjustments for the probabilities of selection, nonresponse, and undercoverage as described in Volume I, chapter 3.

The 80 replicate weights, FHWTR1 to FHWTR80, are the next variables in this section. These replicate weights can be used with the WesVarPC Windows-based software program procedure to produce estimates of the sampling errors of the estimates. More details on how the replicate weights were created and how they can be used with WesVarPC are given in Volume I, chapter 3, along with an approximation method that does not involve using the WesVarPC procedure.

The remaining two variables in this section are HSTRATUM and HPSU. These variables are provided to enable users to compute sampling errors using Taylor Series approximations, such as the SUDAAN procedure. The methods used to construct the values for HSTRATUM and HPSU are also discussed in Volume I, chapter 3.

6.1.8 Imputation Flag Variables

Item nonresponse occurred when some, but not all, of the responses were missing from an otherwise cooperating respondent. For all the items on the Household & Library public use file, the missing data were imputed, or "filled in," to help users of the data. For each variable involved in imputation, an imputation flag variable was created. If the imputation flag is equal to 0, then no imputation was performed on that case. This flag can be used to identify imputed values. Volume I, section 3.8 discusses the meaning of values assigned to the imputation flags.

The naming convention for the imputation flag variables was to drop the last letter of the variable name and replace it with an "f." For example, the imputation flag for HWIC (SX32) is HWIF. This naming convention holds true for all Household & Library variables except for variables that originally end in "f," variables that will become confused with other variables when the last letter is dropped, or variables that end in a number. In these cases, the letter before the last letter or last digit is dropped and replaced with an "f." For example, the imputation flag for SEX1 is SEF1. The imputation flags appear on the file in the same order as the items.

6.1.9 Numeric and Character Variables

All of the variables in the Household & Library file have numeric formats except SCRNRSLT, the variables that indicate the grade a person is attending or the grade equivalent, SGRADE1 through SGRADE16 (SX9), SGRDEQ1 through SGRDEQ16 (SX10), and STATE.

6.2 Guide to the Codebook

The codebook, shown in appendix D, contains complete descriptions of the contents of the data file. The codebook contains system variables, household member summary variables, public library use variables, household characteristics variables, household membership variables, derived variables, weighting

and variance estimation variables, and imputation flag variables. The codebook provides all the pertinent information for the variables in the file, including the variable name, the question wording, the position and format of the variable in the file, and the responses to the item. The unweighted frequency, unweighted percent, and weighted percent are provided along with each response. Figure 6-1 provides a description of each of the items appearing in the codebook.

6.3 Public and Proprietary Data Files

This manual is designed to assist users of the public use Household & Library data file. The public use file contains all the variables detailed above but does not contain certain variables excluded from the file for confidentiality reasons. These include the names of household members, verbatim string responses that might identify persons, and respondents' individual ZIP Codes (HZIPCODE). Some of these variables (e.g., verbatim strings of other-specify categories, HZIPCODE) that are excluded from the public file are included on a separate proprietary, or restricted-use, file. These variables are indicated with a "/R" on the Screener/Household & Library questionnaire in Volume I, appendix A. The proprietary data file also contains close to 100 "ZIP code" variables from the 1990 Census of Population Summary Tape File 3B (STF3B), including the median household income of the area, the level of community mobility in the area, and the percentage of owner-occupied households in the area. The proprietary data file may be obtained through a special licensing agreement with NCES. Contact NCES for details on how to become licensed.

6.4 Linking the Household & Library File to Other NHES:96 Data Files

It is possible to link the Household & Library file to the Parent PFI/CI, the Youth CI, and the Adult CI data files. Instructions for doing so are located in appendix E.

Figure 6-1.—Example of the codebook format

- (1) XHHLANG = (2) SX18-ALL IN HH LEARN ENGL/1ST LANG
 (3) SX18 (Did you/Did every member of your household) learn English as (your/their) first language?
 (4) RECORD: 1 POSITION: 23-24
 (5) FORMAT: N2

(6) RESPONSE	(7) CODES	(8) FREQ	(9) UNWGTD PERCENT	(10) WGTD PERCENT
1 YES	1	46914	84.2%	97.7%
2 NO	2	1396	2.5%	2.3%
RESERVED CODES:				
-1 INAPPLICABLE	-1	7398	13.3%	(MISS)
TOTALS		55708	100.0%	100.0%

DESCRIPTIONS:

- (1) Variable name: This is the variable name associated with each item. This is the unique identifier present in the SAS or SPSS data file.
- (2) Variable label: A short label, which is associated with each of the variables, is presented here. This label appears in the SAS or SPSS data file. Labels contain the questionnaire item numbers. Labels that begin with the letter "D" indicate a derived variable.
- (3) Question wording: This is the exact question wording as it appeared in the questionnaire.
- (4) Record and position: These provide the record number (1, 2 or 3) and the starting and ending position of the variable in the raw data file on tape.
- (5) Format: This provides the variable type, its width, and the number of positions after the decimal point, if necessary. A data type of "N" represents numeric variables and "A" represents character variables. In this example, XHHLANG is a numeric variable with a length of 2.
- (6) Response categories: This column provides the response categories for the variable.
- (7) Response codes: This column provides the actual numeric/alphanumeric codes present in the data files.
- (8) Unweighted frequency counts: This column displays the unweighted frequency counts for this variable. The counts for missing values will also be included for the unweighted values, but not for the weighted values.
- (9) Unweighted percentages: This column displays the unweighted frequency counts from the previous column as percentages. This column will also contain percentages for missing values.
- (10) Weighted percentages: This column displays the percentages of frequency counts weighted up to the population. This column will not include percentages for missing values.

This page is blank.

7. DATA CONSIDERATIONS AND ANOMALIES

The purpose of this section is to bring to the user's attention certain data considerations and data anomalies in the NHES:96 Household & Library data; to describe the nature of those anomalies; and, where appropriate, to identify possible means of taking them into account when analyzing the Household & Library data. Only three data considerations that users should be aware of have been identified in the Household & Library data file.

7.1 Type of Community in Which the Household is Located

The NHES:96 Household & Library file includes a measure of the urbanicity of the sampled household, COMMUNITY. The creation of the derived variable COMMUNITY was described in chapter 6. The item response rates for the variables used to create COMMUNITY were somewhat lower than most variables in the NHES. HCCOMMUN (SX31, the type of community) had an item response rate of 92.5 percent; HCSUB (SX31OV, size of city to which a suburb belonged, if applicable) had an item response rate of 93.1 percent; and HCCITY (SX31OV2, size of the city, if applicable) had an item response rate of 95.7 percent. When these three variables were combined to create the derived variable COMMUNITY, 47,490 of the 55,708 households (85.3 percent) had unimputed responses for all three variables. Some respondents simply do not know the size of the community in which they live. This suggests the possibility that some who responded to the questions may have guessed, although this cannot be measured directly. Analysts should keep this in mind when using variable COMMUNITY, as this variable may contain response error.

7.2 Correspondence Between Age and Grade

In any survey in which information on people's ages and grades in school (or grade equivalents), some cases appear in which age and grade do not seem to correspond to one another. This is true of each year of the NHES, the CPS October Educational Supplement, and other surveys. In many cases in the NHES, the situations behind these discrepancies are unclear -- it is only known that a CATI edit was tripped and the interviewer had to confirm the information and enter it again. In some cases, interviewers provide more complete explanations. For example, a person may be in a grade far lower than his/her age would indicate, but may be mentally retarded and in a special education program with a low grade equivalent. Some adults long past the modal age of high school completion may report a secondary grade because they are enrolled in adult nighttime high school. For example, some adults have an elementary or secondary grade or grade equivalent in the variables SGRADE1 or SGRDEQ1. Analysts may wish to examine these unusual cases and make their own decisions about how to treat these cases in their analyses.

7.3 Income to the Nearest Thousand Dollars

In those households whose income category and household size indicated that they may be at or below the poverty line, respondents were asked to report their household income to the nearest thousand dollars. As the values in the data file show, some respondents did not answer in thousands, but gave somewhat more specific answers. Rather than lose this information, the exact response was retained.

This page is blank.

APPENDIX B

HOUSEHOLD & LIBRARY

PUBLIC FILE LAYOUT IN POSITION ORDER

This page is blank.

**Household & Library
Public File Layout in Position Order**

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
BASEID	HOUSEHOLD ID NUMBER	N	1	8	1	8
SCRNRSLT	RESULT CODE FOR SCREENER	A	1	2	9	10
SCRNRESP	SCREENER RESPONDENT	N	1	2	11	12
LIBRESP	RESPONDENT TO LIBRARY QUESTIONS	N	1	2	13	14
ENGLSPAN	EXTENDED IN ENGLISH OR SPANISH	N	1	2	15	16
SUNDR21	SCRN_20-SOMEONE IN HH IS UNDER 21	N	1	2	17	18
XHHACTV	SX16-ANY HH MMBR ON ACTIVE DUTY	N	1	2	19	20
XHHBORN	SX17-ALL IN HH BORN IN US	N	1	2	21	22
XHHLANG	SX18-ALL IN HH LEARN ENGL/1ST LANG	N	1	2	23	24
LDISTANC	L1-HOW FAR TO NEAREST PUBL LIBR	N	1	2	25	26
LVISIT1	L2A-WENT TO LIBR FOR BOOKS/TAPES PAST MO	N	1	2	27	28
LVISIT2	L2B-WENT TO LIBR FOR OTHR PURPOSE/PST MO	N	1	2	29	30
LCOMP	L2C-LINKED LIBRARY/COMPUTER PAST MO	N	1	2	31	32
LPHONE	L2D-CALLED LIBRARY PAST MO	N	1	2	33	34
LMATLS	L2E-LIBR MATLS SENT/DELIVERED PAST MO	N	1	2	35	36
LMOBILE	L2F-VISITED BOOKMOBILE PAST MO	N	1	2	37	38
LYRUSE	L3-HH MMBR USED LIBRARY PAST YR	N	1	2	39	40
LSCHOOL	L4A-USED LIBR FOR SCH ASSNMNT PST MO	N	1	2	41	42
LKIDSACT	L4B-ATTNDED ACTIVITY/KID 6 TO 12 PST MO	N	1	2	43	44
LKIDBOOK	L4C-ATTNDED LIBR ACTIVITY/KID <6 PST MO	N	1	2	45	46
LRECR	L4D-USED LIBR FOR ENJOYMT/HOBBIES PST MO	N	1	2	47	48
LJOBHELP	L4E-USED LIBR TO HELP FIND JOB PST MO	N	1	2	49	50
LWORK	L4F-USED LIBR FOR WORK ASSNMNT PAST MO	N	1	2	51	52
LCONSUME	L4G-USED LIBR FOR CONSUMER INFO PST MO	N	1	2	53	54
LLRNREAD	L4H-USED LIBR TO LEARN TO READ PST MO	N	1	2	55	56
L4FLAG	L4 RESPONSE FROM PROBE	N	1	2	57	58
HOWNHOME	SX27-OWN, RENT HOME/OTHR ARRNGMNT	N	1	2	59	60
HOTHNUM	SX28-OTHR PHONE NMBS IN HH	N	1	2	61	62
HNUMUSE	SX29-# OF OTHR PHONE NMBS/HOME USE	N	1	2	63	64
HCCOMMUN	SX31-COMMUNITY DESCRIPTION	N	1	2	65	66
HCSUB	SX31OV-SIZE OF SUBURB	N	1	2	67	68
HCCITY	SX31OV2-SIZE OF CITY	N	1	2	69	70
HWIC	SX32A-FAMILY RECD WIC PAST 12 MO	N	1	2	71	72
HFOODST	SX32B-FAMILY RECD FOOD STMPs PAST 12 MO	N	1	2	73	74
HAFDC	SC32C-FAMILY RECD AFDC PAST 12 MO	N	1	2	75	76
HINCMRNG	SX33- TOTAL HH INCOME RANGE	N	1	2	77	78
HINCOME	SX33-TOTAL HH INCOME RANGE 2	N	1	2	79	80
HINCMEXT	SX33OV-EXACT HH INC NEAREST \$1000	N	1	5	81	85
PNUM1	LAST 2 DIGITS OF PERSON ENUMID-1	N	1	2	86	87
HHAGE1	S6-AGE AT SCREENER-1	N	1	3	88	90
HHSEX1	S6-SEX-1	N	1	2	91	92
SENROL1	SX7-ATTENDING/ENROLLED IN SCH-1	N	1	2	93	94
SHOMSC1	SX8-CHLD HAVING HOME SCH/TUTORING-1	N	1	2	95	96
SGRADE1	SX9-GRADE/YEAR OF SCH ATTENDING-1	A	1	2	97	98
VOCYR1	SX9A-YR OF VOC/TECH SCH ATTENDING-1	N	1	2	99	100
COLLYR1	SX9B-YR OF COLLEGE ATTNDING-1	N	1	2	101	102
GRADYR1	SX9C-YR OF GRAD SCHOOL ATTNDING-1	N	1	2	103	104
SGRDEQ1	SX10-GRADE EQUIVALENT-1	A	1	2	105	106
PUBSCH1	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-1	N	1	2	107	108
FULTIM1	SX12-ENROLLED FULL/PART TIME-1	N	1	2	109	110
GRADE1	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-1	N	1	2	111	112
GRAD1_1	SX13-ACTUAL GRADE 0-8 COMPLETED-1	N	1	2	113	114
GRAD2_1	SX13-ACTUAL GRADE 9-11 COMPLETED-1	N	1	2	115	116
SDIPL1	SX14-ADLT HAS HS DIPLOMA/GED-1	N	1	2	117	118
MARITL1	SX15-MARITAL STATUS-1	N	1	2	119	120
ACTVDU1	SX16OV-THIS HH MMBR ON ACTIVE DUTY-1	N	1	2	121	122
BORNUS1	SX19-WHAT COUNTRY BORN-1	N	1	2	123	124
LANG1	SX20-1ST LANG LEARNED TO SPEAK-1	N	1	2	125	126
RACE1	SX21-RACE-1	N	1	2	127	128
OTHRAC1	SX21A-OTHER RACE CATEGORY-1	N	1	2	129	130
HISPAN1	SX22-HISPANIC-1	N	1	2	131	132
PNUM2	LAST 2 DIGITS OF PERSON ENUMID-2	N	1	2	133	134
HHAGE2	S6-AGE AT SCREENER-2	N	1	2	135	136
HHSEX2	S6-SEX-2	N	1	2	137	138
SENROL2	SX7-ATTENDING/ENROLLED IN SCH-2	N	1	2	139	140
SHOMSC2	SX8-CHLD HAVING HOME SCH/TUTORING-2	N	1	2	141	142
SGRADE2	SX9-GRADE/YEAR OF SCH ATTENDING-2	A	1	2	143	144
VOCYR2	SX9A-YR OF VOC/TECH SCH ATTENDING-2	N	1	2	145	146
COLLYR2	SX9B-YR OF COLLEGE ATTNDING-2	N	1	2	147	148
GRADYR2	SX9C-YR OF GRAD SCHOOL ATTNDING-2	N	1	2	149	150

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
SGRDEQ2	SX10-GRADE EQUIVALENT-2	A	1	2	151	152
PUBSCH2	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-2	N	1	2	153	154
FULTIM2	SX12-ENROLLED FULL/PART TIME-2	N	1	2	155	156
GRADE2	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-2	N	1	2	157	158
GRAD1_2	SX13-ACTUAL GRADE 0-8 COMPLETED-2	N	1	2	159	160
GRAD2_2	SX13-ACTUAL GRADE 9-11 COMPLETED-2	N	1	2	161	162
SDIPL2	SX14-ADLT HAS HS DIPLOMA/GED-2	N	1	2	163	164
MARITL2	SX15-MARITAL STATUS-2	N	1	2	165	166
ACTVDU2	SX16OV-THIS HH MMBR ON ACTIVE DUTY-2	N	1	2	167	168
BORNUS2	SX19-WHAT COUNTRY BORN-2	N	1	2	169	170
LANG2	SX20-1ST LANG LEARNED TO SPEAK-2	N	1	2	171	172
RACE2	SX21-RACE-2	N	1	2	173	174
OTHRAC2	SX21A-OTHER RACE CATEGORY-2	N	1	2	175	176
HISPAN2	SX22-HISPANIC-2	N	1	2	177	178
PNUM3	LAST 2 DIGITS OF PERSON ENUMID-3	N	1	2	179	180
HHAGE3	S6-AGE AT SCREENER-3	N	1	2	181	182
HHSEX3	S6-SEX-3	N	1	2	183	184
SENROL3	SX7-ATTENDING/ENROLLED IN SCH-3	N	1	2	185	186
SHOMSC3	SX8-CHLD HAVING HOME SCH/TUTORING-3	N	1	2	187	188
SGRADE3	SX9-GRADE/YEAR OF SCH ATTENDING-3	A	1	2	189	190
VOCYR3	SX9A-YR OF VOC/TECH SCH ATTENDING-3	N	1	2	191	192
COLLYR3	SX9B-YR OF COLLEGE ATTENDING-3	N	1	2	193	194
GRADYR3	SX9C-YR OF GRAD SCHOOL ATTENDING-3	N	1	2	195	196
SGRDEQ3	SX10-GRADE EQUIVALENT-3	A	1	2	197	198
PUBSCH3	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-3	N	1	2	199	200
FULTIM3	SX12-ENROLLED FULL/PART TIME-3	N	1	2	201	202
GRADE3	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-3	N	1	2	203	204
GRAD1_3	SX13-ACTUAL GRADE 0-8 COMPLETED-3	N	1	2	205	206
GRAD2_3	SX13-ACTUAL GRADE 9-11 COMPLETED-3	N	1	2	207	208
SDIPL3	SX14-ADLT HAS HS DIPLOMA/GED-3	N	1	2	209	210
MARITL3	SX15-MARITAL STATUS-3	N	1	2	211	212
ACTVDU3	SX16OV-THIS HH MMBR ON ACTIVE DUTY-3	N	1	2	213	214
BORNUS3	SX19-WHAT COUNTRY BORN-3	N	1	2	215	216
LANG3	SX20-1ST LANG LEARNED TO SPEAK-3	N	1	2	217	218
RACE3	SX21-RACE-3	N	1	2	219	220
OTHRAC3	SX21A-OTHER RACE CATEGORY-3	N	1	2	221	222
HISPAN3	SX22-HISPANIC-3	N	1	2	223	224
PNUM4	LAST 2 DIGITS OF PERSON ENUMID-4	N	1	2	225	226
HHAGE4	S6-AGE AT SCREENER-4	N	1	2	227	228
HHSEX4	S6-SEX-4	N	1	2	229	230
SENROL4	SX7-ATTENDING/ENROLLED IN SCH-4	N	1	2	231	232
SHOMSC4	SX8-CHLD HAVING HOME SCH/TUTORING-4	N	1	2	233	234
SGRADE4	SX9-GRADE/YEAR OF SCH ATTENDING-4	A	1	2	235	236
VOCYR4	SX9A-YR OF VOC/TECH SCH ATTENDING-4	N	1	2	237	238
COLLYR4	SX9B-YR OF COLLEGE ATTENDING-4	N	1	2	239	240
GRADYR4	SX9C-YR OF GRAD SCHOOL ATTENDING-4	N	1	2	241	242
SGRDEQ4	SX10-GRADE EQUIVALENT-4	A	1	2	243	244
PUBSCH4	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-4	N	1	2	245	246
FULTIM4	SX12-ENROLLED FULL/PART TIME-4	N	1	2	247	248
GRADE4	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-4	N	1	2	249	250
GRAD1_4	SX13-ACTUAL GRADE 0-8 COMPLETED-4	N	1	2	251	252
GRAD2_4	SX13-ACTUAL GRADE 9-11 COMPLETED-4	N	1	2	253	254
SDIPL4	SX14-ADLT HAS HS DIPLOMA/GED-4	N	1	2	255	256
MARITL4	SX15-MARITAL STATUS-4	N	1	2	257	258
ACTVDU4	SX16OV-THIS HH MMBR ON ACTIVE DUTY-4	N	1	2	259	260
BORNUS4	SX19-WHAT COUNTRY BORN-4	N	1	2	261	262
LANG4	SX20-1ST LANG LEARNED TO SPEAK-4	N	1	2	263	264
RACE4	SX21-RACE-4	N	1	2	265	266
OTHRAC4	SX21A-OTHER RACE CATEGORY-4	N	1	2	267	268
HISPAN4	SX22-HISPANIC-4	N	1	2	269	270
PNUM5	LAST 2 DIGITS OF PERSON ENUMID-5	N	1	2	271	272
HHAGE5	S6-AGE AT SCREENER-5	N	1	2	273	274
HHSEX5	S6-SEX-5	N	1	2	275	276
SENROL5	SX7-ATTENDING/ENROLLED IN SCH-5	N	1	2	277	278
SHOMSC5	SX8-CHLD HAVING HOME SCH/TUTORING-5	N	1	2	279	280
SGRADE5	SX9-GRADE/YEAR OF SCH ATTENDING-5	A	1	2	281	282
VOCYR5	SX9A-YR OF VOC/TECH SCH ATTENDING-5	N	1	2	283	284
COLLYR5	SX9B-YR OF COLLEGE ATTENDING-5	N	1	2	285	286
GRADYR5	SX9C-YR OF GRAD SCHOOL ATTENDING-5	N	1	2	287	288
SGRDEQ5	SX10-GRADE EQUIVALENT-5	A	1	2	289	290
PUBSCH5	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-5	N	1	2	291	292
FULTIM5	SX12-ENROLLED FULL/PART TIME-5	N	1	2	293	294
GRADE5	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-5	N	1	2	295	296
GRAD1_5	SX13-ACTUAL GRADE 0-8 COMPLETED-5	N	1	2	297	298

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
GRAD2_5	SX13-ACTUAL GRADE 9-11 COMPLETED-5	N	1	2	299	300
SDIPL5	SX14-ADLT HAS HS DIPLOMA/GED-5	N	1	2	301	302
MARITL5	SX15-MARITAL STATUS-5	N	1	2	303	304
ACTVDU5	SX16OV-THIS HH MMBR ON ACTIVE DUTY-5	N	1	2	305	306
BORNUS5	SX19-WHAT COUNTRY BORN-5	N	1	2	307	308
LANG5	SX20-1ST LANG LEARNED TO SPEAK-5	N	1	2	309	310
RACE5	SX21-RACE-5	N	1	2	311	312
OTHRAC5	SX21A-OTHER RACE CATEGORY-5	N	1	2	313	314
HISPAN5	SX22-HISPANIC-5	N	1	2	315	316
PNUM6	LAST 2 DIGITS OF PERSON ENUMID-6	N	1	2	317	318
HHAGE6	S6-AGE AT SCREENER-6	N	1	2	319	320
HHSEX6	S6-SEX-6	N	1	2	321	322
SENROL6	SX7-ATTENDING/ENROLLED IN SCH-6	N	1	2	323	324
SHOMSC6	SX8-CHLD HAVING HOME SCH/TUTORING-6	N	1	2	325	326
SGRADE6	SX9-GRADE/YEAR OF SCH ATTENDING-6	A	1	2	327	328
VOCYR6	SX9A-YR OF VOC/TECH SCH ATTNDING-6	N	1	2	329	330
COLLYR6	SX9B-YR OF COLLEGE ATTNDING-6	N	1	2	331	332
GRADYR6	SX9C-YR OF GRAD SCHOOL ATTNDING-6	N	1	2	333	334
SGRDEQ6	SX10-GRADE EQUIVALENT-6	A	1	2	335	336
PUBSCH6	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-6	N	1	2	337	338
FULTIM6	SX12-ENROLLED FULL/PART TIME-6	N	1	2	339	340
GRADE6	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-6	N	1	2	341	342
GRAD1_6	SX13-ACTUAL GRADE 0-8 COMPLETED-6	N	1	2	343	344
GRAD2_6	SX13-ACTUAL GRADE 9-11 COMPLETED-6	N	1	2	345	346
SDIPL6	SX14-ADLT HAS HS DIPLOMA/GED-6	N	1	2	347	348
MARITL6	SX15-MARITAL STATUS-6	N	1	2	349	350
ACTVDU6	SX16OV-THIS HH MMBR ON ACTIVE DUTY-6	N	1	2	351	352
BORNUS6	SX19-WHAT COUNTRY BORN-6	N	1	2	353	354
LANG6	SX20-1ST LANG LEARNED TO SPEAK-6	N	1	2	355	356
RACE6	SX21-RACE-6	N	1	2	357	358
OTHRAC6	SX21A-OTHER RACE CATEGORY-6	N	1	2	359	360
HISPAN6	SX22-HISPANIC-6	N	1	2	361	362
PNUM7	LAST 2 DIGITS OF PERSON ENUMID-7	N	1	2	363	364
HHAGE7	S6-AGE AT SCREENER-7	N	1	2	365	366
HHSEX7	S6-SEX-7	N	1	2	367	368
SENROL7	SX7-ATTENDING/ENROLLED IN SCH-7	N	1	2	369	370
SHOMSC7	SX8-CHLD HAVING HOME SCH/TUTORING-7	N	1	2	371	372
SGRADE7	SX9-GRADE/YEAR OF SCH ATTENDING-7	A	1	2	373	374
VOCYR7	SX9A-YR OF VOC/TECH SCH ATTNDING-7	N	1	2	375	376
COLLYR7	SX9B-YR OF COLLEGE ATTNDING-7	N	1	2	377	378
GRADYR7	SX9C-YR OF GRAD SCHOOL ATTNDING-7	N	1	2	379	380
SGRDEQ7	SX10-GRADE EQUIVALENT-7	A	1	2	381	382
PUBSCH7	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-7	N	1	2	383	384
FULTIM7	SX12-ENROLLED FULL/PART TIME-7	N	1	2	385	386
GRADE7	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-7	N	1	2	387	388
GRAD1_7	SX13-ACTUAL GRADE 0-8 COMPLETED-7	N	1	2	389	390
GRAD2_7	SX13-ACTUAL GRADE 9-11 COMPLETED-7	N	1	2	391	392
SDIPL7	SX14-ADLT HAS HS DIPLOMA/GED-7	N	1	2	393	394
MARITL7	SX15-MARITAL STATUS-7	N	1	2	395	396
ACTVDU7	SX16OV-THIS HH MMBR ON ACTIVE DUTY-7	N	1	2	397	398
BORNUS7	SX19-WHAT COUNTRY BORN-7	N	1	2	399	400
LANG7	SX20-1ST LANG LEARNED TO SPEAK-7	N	1	2	401	402
RACE7	SX21-RACE-7	N	1	2	403	404
OTHRAC7	SX21A-OTHER RACE CATEGORY-7	N	1	2	405	406
HISPAN7	SX22-HISPANIC-7	N	1	2	407	408
PNUM8	LAST 2 DIGITS OF PERSON ENUMID-8	N	1	2	409	410
HHAGE8	S6-AGE AT SCREENER-8	N	1	2	411	412
HHSEX8	S6-SEX-8	N	1	2	413	414
SENROL8	SX7-ATTENDING/ENROLLED IN SCH-8	N	1	2	415	416
SHOMSC8	SX8-CHLD HAVING HOME SCH/TUTORING-8	N	1	2	417	418
SGRADE8	SX9-GRADE/YEAR OF SCH ATTENDING-8	A	1	2	419	420
VOCYR8	SX9A-YR OF VOC/TECH SCH ATTNDING-8	N	1	2	421	422
COLLYR8	SX9B-YR OF COLLEGE ATTNDING-8	N	1	2	423	424
GRADYR8	SX9C-YR OF GRAD SCHOOL ATTNDING-8	N	1	2	425	426
SGRDEQ8	SX10-GRADE EQUIVALENT-8	A	1	2	427	428
PUBSCH8	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-8	N	1	2	429	430
FULTIM8	SX12-ENROLLED FULL/PART TIME-8	N	1	2	431	432
GRADE8	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-8	N	1	2	433	434
GRAD1_8	SX13-ACTUAL GRADE 0-8 COMPLETED-8	N	1	2	435	436
GRAD2_8	SX13-ACTUAL GRADE 9-11 COMPLETED-8	N	1	2	437	438
SDIPL8	SX14-ADLT HAS HS DIPLOMA/GED-8	N	1	2	439	440
MARITL8	SX15-MARITAL STATUS-8	N	1	2	441	442
ACTVDU8	SX16OV-THIS HH MMBR ON ACTIVE DUTY-8	N	1	2	443	444
BORNUS8	SX19-WHAT COUNTRY BORN-8	N	1	2	445	446

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
LANG8	SX20-1ST LANG LEARNED TO SPEAK-8	N	1	2	447	448
RACE8	SX21-RACE-8	N	1	2	449	450
OTHRAC8	SX21A-OTHER RACE CATEGORY-8	N	1	2	451	452
HISPAN8	SX22-HISPANIC-8	N	1	2	453	454
PNUM9	LAST 2 DIGITS OF PERSON ENUMID-9	N	1	2	455	456
HHAGE9	S6-AGE AT SCREENER-9	N	1	2	457	458
HHSEX9	S6-SEX-9	N	1	2	459	460
SENROL9	SX7-ATTENDING/ENROLLED IN SCH-9	N	1	2	461	462
SHOMSC9	SX8-CHLD HAVING HOME SCH/TUTORING-9	N	1	2	463	464
SGRADE9	SX9-GRADE/YEAR OF SCH ATTENDING-9	A	1	2	465	466
VOCYR9	SX9A-YR OF VOC/TECH SCH ATTENDING-9	N	1	2	467	468
COLLYR9	SX9B-YR OF COLLEGE ATTNDING-9	N	1	2	469	470
GRADYR9	SX9C-YR OF GRAD SCHOOL ATTNDING-9	N	1	2	471	472
SGRDEQ9	SX10-GRADE EQUIVALENT-9	A	1	2	473	474
PUBSCH9	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-9	N	1	2	475	476
FULTIM9	SX12-ENROLLED FULL/PART TIME-9	N	1	2	477	478
GRADE9	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-9	N	1	2	479	480
GRAD1_9	SX13-ACTUAL GRADE 0-8 COMPLETED-9	N	1	2	481	482
GRAD2_9	SX13-ACTUAL GRADE 9-11 COMPLETED-9	N	1	2	483	484
SDIPL9	SX14-ADLT HAS HS DIPLOMA/GED-9	N	1	2	485	486
MARITL9	SX15-MARITAL STATUS-9	N	1	2	487	488
ACTVDU9	SX16OV-THIS HH MMBR ON ACTIVE DUTY-9	N	1	2	489	490
BORNUS9	SX19-WHAT COUNTRY BORN-9	N	1	2	491	492
LANG9	SX20-1ST LANG LEARNED TO SPEAK-9	N	1	2	493	494
RACE9	SX21-RACE-9	N	1	2	495	496
OTHRAC9	SX21A-OTHER RACE CATEGORY-9	N	1	2	497	498
HISPAN9	SX22-HISPANIC-9	N	1	2	499	500
PNUM10	LAST 2 DIGITS OF PERSON ENUMID-10	N	1	2	501	502
HHAGE10	S6-AGE AT SCREENER-10	N	1	2	503	504
HHSEX10	S6-SEX-10	N	1	2	505	506
SENROL10	SX7-ATTENDING/ENROLLED IN SCH-10	N	1	2	507	508
SHOMSC10	SX8-CHLD HAVING HOME SCH/TUTORING-10	N	1	2	509	510
SGRADE10	SX9-GRADE/YEAR OF SCH ATTENDING-10	A	1	2	511	512
VOCYR10	SX9A-YR OF VOC/TECH SCH ATTENDING-10	N	1	2	513	514
COLLYR10	SX9B-YR OF COLLEGE ATTNDING-10	N	1	2	515	516
GRADYR10	SX9C-YR OF GRAD SCHOOL ATTNDING-10	N	1	2	517	518
SGRDEQ10	SX10-GRADE EQUIVALENT-10	A	1	2	519	520
PUBSCH10	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-10	N	1	2	521	522
FULTIM10	SX12-ENROLLED FULL/PART TIME-10	N	1	2	523	524
GRADE10	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-10	N	1	2	525	526
GRAD1_10	SX13-ACTUAL GRADE 0-8 COMPLETED-10	N	1	2	527	528
GRAD2_10	SX13-ACTUAL GRADE 9-11 COMPLETED-10	N	1	2	529	530
SDIPL10	SX14-ADLT HAS HS DIPLOMA/GED-10	N	1	2	531	532
MARITL10	SX15-MARITAL STATUS-10	N	1	2	533	534
ACTVDU10	SX16OV-THIS HH MMBR ON ACTIVE DUTY-10	N	1	2	535	536
BORNUS10	SX19-WHAT COUNTRY BORN-10	N	1	2	537	538
LANG10	SX20-1ST LANG LEARNED TO SPEAK-10	N	1	2	539	540
RACE10	SX21-RACE-10	N	1	2	541	542
OTHRAC10	SX21A-OTHER RACE CATEGORY-10	N	1	2	543	544
HISPAN10	SX22-HISPANIC-10	N	1	2	545	546
PNUM11	LAST 2 DIGITS OF PERSON ENUMID-11	N	1	2	547	548
HHAGE11	S6-AGE AT SCREENER-11	N	1	2	549	550
HHSEX11	S6-SEX-11	N	1	2	551	552
SENROL11	SX7-ATTENDING/ENROLLED IN SCH-11	N	1	2	553	554
SHOMSC11	SX8-CHLD HAVING HOME SCH/TUTORING-11	N	1	2	555	556
SGRADE11	SX9-GRADE/YEAR OF SCH ATTENDING-11	A	1	2	557	558
VOCYR11	SX9A-YR OF VOC/TECH SCH ATTENDING-11	N	1	2	559	560
COLLYR11	SX9B-YR OF COLLEGE ATTNDING-11	N	1	2	561	562
GRADYR11	SX9C-YR OF GRAD SCHOOL ATTNDING-11	N	1	2	563	564
SGRDEQ11	SX10-GRADE EQUIVALENT-11	A	1	2	565	566
PUBSCH11	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-11	N	1	2	567	568
FULTIM11	SX12-ENROLLED FULL/PART TIME-11	N	1	2	569	570
GRADE11	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-11	N	1	2	571	572
GRAD1_11	SX13-ACTUAL GRADE 0-8 COMPLETED-11	N	1	2	573	574
GRAD2_11	SX13-ACTUAL GRADE 9-11 COMPLETED-11	N	1	2	575	576
SDIPL11	SX14-ADLT HAS HS DIPLOMA/GED-11	N	1	2	577	578
MARITL11	SX15-MARITAL STATUS-11	N	1	2	579	580
ACTVDU11	SX16OV-THIS HH MMBR ON ACTIVE DUTY-11	N	1	2	581	582
BORNUS11	SX19-WHAT COUNTRY BORN-11	N	1	2	583	584
LANG11	SX20-1ST LANG LEARNED TO SPEAK-11	N	1	2	585	586
RACE11	SX21-RACE-11	N	1	2	587	588
OTHRAC11	SX21A-OTHER RACE CATEGORY-11	N	1	2	589	590
HISPAN11	SX22-HISPANIC-11	N	1	2	591	592
PNUM12	LAST 2 DIGITS OF PERSON ENUMID-12	N	1	2	593	594

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
HHAGE12	S6-AGE AT SCREENER-12	N	1	2	595	596
HHSEX12	S6-SEX-12	N	1	2	597	598
SENROL12	SX7-ATTENDING/ENROLLED IN SCH-12	N	1	2	599	600
SHOMSC12	SX8-CHLD HAVING HOME SCH/TUTORING-12	N	1	2	601	602
SGRADE12	SX9-GRADE/YEAR OF SCH ATTENDING-12	A	1	2	603	604
VOCYR12	SX9A-YR OF VOC/TECH SCH ATTNDING-12	N	1	2	605	606
COLLYR12	SX9B-YR OF COLLEGE ATTNDING-12	N	1	2	607	608
GRADYR12	SX9C-YR OF GRAD SCHOOL ATTNDING-12	N	1	2	609	610
SGRDEQ12	SX10-GRADE EQUIVALENT-12	A	1	2	611	612
PUBSCH12	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-12	N	1	2	613	614
FULTIM12	SX12-ENROLLED FULL/PART TIME-12	N	1	2	615	616
GRADE12	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-12	N	1	2	617	618
GRAD1_12	SX13-ACTUAL GRADE 0-8 COMPLETED-12	N	1	2	619	620
GRAD2_12	SX13-ACTUAL GRADE 9-11 COMPLETED-12	N	1	2	621	622
SDIPL12	SX14-ADLT HAS HS DIPLOMA/GED-12	N	1	2	623	624
MARITL12	SX15-MARITAL STATUS-12	N	1	2	625	626
ACTVDU12	SX16OV-THIS HH MMBR ON ACTIVE DUTY-12	N	1	2	627	628
BORNUS12	SX19-WHAT COUNTRY BORN-12	N	1	2	629	630
LANG12	SX20-1ST LANG LEARNED TO SPEAK-12	N	1	2	631	632
RACE12	SX21-RACE-12	N	1	2	633	634
OTHRAC12	SX21A-OTHER RACE CATEGORY-12	N	1	2	635	636
HISPAN12	SX22-HISPANIC-12	N	1	2	637	638
PNUM13	LAST 2 DIGITS OF PERSON ENUMID-13	N	1	2	639	640
HHAGE13	S6-AGE AT SCREENER-13	N	1	2	641	642
HHSEX13	S6-SEX-13	N	1	2	643	644
SENROL13	SX7-ATTENDING/ENROLLED IN SCH-13	N	1	2	645	646
SHOMSC13	SX8-CHLD HAVING HOME SCH/TUTORING-13	N	1	2	647	648
SGRADE13	SX9-GRADE/YEAR OF SCH ATTENDING-13	A	1	2	649	650
VOCYR13	SX9A-YR OF VOC/TECH SCH ATTNDING-13	N	1	2	651	652
COLLYR13	SX9B-YR OF COLLEGE ATTNDING-13	N	1	2	653	654
GRADYR13	SX9C-YR OF GRAD SCHOOL ATTNDING-13	N	1	2	655	656
SGRDEQ13	SX10-GRADE EQUIVALENT-13	A	1	2	657	658
PUBSCH13	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-13	N	1	2	659	660
FULTIM13	SX12-ENROLLED FULL/PART TIME-13	N	1	2	661	662
GRADE13	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-13	N	1	2	663	664
GRAD1_13	SX13-ACTUAL GRADE 0-8 COMPLETED-13	N	1	2	665	666
GRAD2_13	SX13-ACTUAL GRADE 9-11 COMPLETED-13	N	1	2	667	668
SDIPL13	SX14-ADLT HAS HS DIPLOMA/GED-13	N	1	2	669	670
MARITL13	SX15-MARITAL STATUS-13	N	1	2	671	672
ACTVDU13	SX16OV-THIS HH MMBR ON ACTIVE DUTY-13	N	1	2	673	674
BORNUS13	SX19-WHAT COUNTRY BORN-13	N	1	2	675	676
LANG13	SX20-1ST LANG LEARNED TO SPEAK-13	N	1	2	677	678
RACE13	SX21-RACE-13	N	1	2	679	680
OTHRAC13	SX21A-OTHER RACE CATEGORY-13	N	1	2	681	682
HISPAN13	SX22-HISPANIC-13	N	1	2	683	684
PNUM14	LAST 2 DIGITS OF PERSON ENUMID-14	N	1	2	685	686
HHAGE14	S6-AGE AT SCREENER-14	N	1	2	687	688
HHSEX14	S6-SEX-14	N	1	2	689	690
SENROL14	SX7-ATTENDING/ENROLLED IN SCH-14	N	1	2	691	692
SHOMSC14	SX8-CHLD HAVING HOME SCH/TUTORING-14	N	1	2	693	694
SGRADE14	SX9-GRADE/YEAR OF SCH ATTENDING-14	A	1	2	695	696
VOCYR14	SX9A-YR OF VOC/TECH SCH ATTNDING-14	N	1	2	697	698
COLLYR14	SX9B-YR OF COLLEGE ATTNDING-14	N	1	2	699	700
GRADYR14	SX9C-YR OF GRAD SCHOOL ATTNDING-14	N	1	2	701	702
SGRDEQ14	SX10-GRADE EQUIVALENT-14	A	1	2	703	704
PUBSCH14	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-14	N	1	2	705	706
FULTIM14	SX12-ENROLLED FULL/PART TIME-14	N	1	2	707	708
GRADE14	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-14	N	1	2	709	710
GRAD1_14	SX13-ACTUAL GRADE 0-8 COMPLETED-14	N	1	2	711	712
GRAD2_14	SX13-ACTUAL GRADE 9-11 COMPLETED-14	N	1	2	713	714
SDIPL14	SX14-ADLT HAS HS DIPLOMA/GED-14	N	1	2	715	716
MARITL14	SX15-MARITAL STATUS-14	N	1	2	717	718
ACTVDU14	SX16OV-THIS HH MMBR ON ACTIVE DUTY-14	N	1	2	719	720
BORNUS14	SX19-WHAT COUNTRY BORN-14	N	1	2	721	722
LANG14	SX20-1ST LANG LEARNED TO SPEAK-14	N	1	2	723	724
RACE14	SX21-RACE-14	N	1	2	725	726
OTHRAC14	SX21A-OTHER RACE CATEGORY-14	N	1	2	727	728
HISPAN14	SX22-HISPANIC-14	N	1	2	729	730
PNUM15	LAST 2 DIGITS OF PERSON ENUMID-15	N	1	2	731	732
HHAGE15	S6-AGE AT SCREENER-15	N	1	2	733	734
HHSEX15	S6-SEX-15	N	1	2	735	736
SENROL15	SX7-ATTENDING/ENROLLED IN SCH-15	N	1	2	737	738
SHOMSC15	SX8-CHLD HAVING HOME SCH/TUTORING-15	N	1	2	739	740
SGRADE15	SX9-GRADE/YEAR OF SCH ATTENDING-15	A	1	2	741	742

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
VOCYR15	SX9A-YR OF VOC/TECH SCH ATTNDING-15	N	1	2	743	744
COLLYR15	SX9B-YR OF COLLEGE ATTNDING-15	N	1	2	745	746
GRADYR15	SX9C-YR OF GRAD SCHOOL ATTNDING-15	N	1	2	747	748
SGRDEQ15	SX10-GRADE EQUIVALENT-15	A	1	2	749	750
PUBSCH15	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-15	N	1	2	751	752
FULTIM15	SX12-ENROLLED FULL/PART TIME-15	N	1	2	753	754
GRADE15	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-15	N	1	2	755	756
GRAD1_15	SX13-ACTUAL GRADE 0-8 COMPLETED-15	N	1	2	757	758
GRAD2_15	SX13-ACTUAL GRADE 9-11 COMPLETED-15	N	1	2	759	760
SDIPL15	SX14-ADLT HAS HS DIPLOMA/GED-15	N	1	2	761	762
MARITL15	SX15-MARITAL STATUS-15	N	1	2	763	764
ACTVDU15	SX16OV-THIS HH MMBR ON ACTIVE DUTY-15	N	1	2	765	766
BORNUS15	SX19-WHAT COUNTRY BORN-15	N	1	2	767	768
LANG15	SX20-1ST LANG LEARNED TO SPEAK-15	N	1	2	769	770
RACE15	SX21-RACE-15	N	1	2	771	772
OTHRAC15	SX21A-OTHER RACE CATEGORY-15	N	1	2	773	774
HISPAN15	SX22-HISPANIC-15	N	1	2	775	776
PNUM16	LAST 2 DIGITS OF PERSON ENUMID-16	N	1	2	777	778
HHAGE16	S6-AGE AT SCREENER-16	N	1	2	779	780
HHSEX16	S6-SEX-16	N	1	2	781	782
SENROL16	SX7-ATTENDING/ENROLLED IN SCH-16	N	1	2	783	784
SHOMSC16	SX8-CHLD HAVING HOME SCH/TUTORING-16	N	1	2	785	786
SGRADE16	SX9-GRADE/YEAR OF SCH ATTENDING-16	A	1	2	787	788
VOCYR16	SX9A-YR OF VOC/TECH SCH ATTNDING-16	N	1	2	789	790
COLLYR16	SX9B-YR OF COLLEGE ATTNDING-16	N	1	2	791	792
GRADYR16	SX9C-YR OF GRAD SCHOOL ATTNDING-16	N	1	2	793	794
SGRDEQ16	SX10-GRADE EQUIVALENT-16	A	1	2	795	796
PUBSCH16	SX11-GO TO A PUBLIC/PRIVATE SCHOOL-16	N	1	2	797	798
FULTIM16	SX12-ENROLLED FULL/PART TIME-16	N	1	2	799	800
GRADE16	SX13-HIGHEST GRD/YR OF SCHL COMPLTD-16	N	1	2	801	802
GRAD1_16	SX13-ACTUAL GRADE 0-8 COMPLETED-16	N	1	2	803	804
GRAD2_16	SX13-ACTUAL GRADE 9-11 COMPLETED-16	N	1	2	805	806
SDIPL16	SX14-ADLT HAS HS DIPLOMA/GED-16	N	1	2	807	808
MARITL16	SX15-MARITAL STATUS-16	N	1	2	809	810
ACTVDU16	SX16OV-THIS HH MMBR ON ACTIVE DUTY-16	N	1	2	811	812
BORNUS16	SX19-WHAT COUNTRY BORN-16	N	1	2	813	814
LANG16	SX20-1ST LANG LEARNED TO SPEAK-16	N	1	2	815	816
RACE16	SX21-RACE-16	N	1	2	817	818
OTHRAC16	SX21A-OTHER RACE CATEGORY-16	N	1	2	819	820
HISPAN16	SX22-HISPANIC-16	N	1	2	821	822
ANYLIB	D-LIBRARY USE THE PREVIOUS MONTH	N	1	2	823	824
CENREG	D-CENSUS REGION	N	1	2	825	826
COMMUNTY	D-SIZE OF COMMUNITY	N	1	2	827	828
HH18OVER	D-NUMBER OF HH MMBRS AGE 18 AND OLDER	N	1	2	829	830
HHTOTAL	D-TOTAL NUMBER OF HH MEMBERS	N	1	2	831	832
HHUNDR18	D-NUMBER OF HH MMBRS AGE 17 AND YOUNGER	N	1	2	833	834
HHUNDR21	D-NUMBER OF HH MMBRS AGE 20 AND YOUNGER	N	1	2	835	836
HIGHGRAD	D-HIGHEST EDUCATION OF ANY HH MEMBER	N	1	2	837	838
STATE	D-STATE ABBREVIATION	A	1	2	839	840
FHWT	FINAL (RAKED) HOUSEHOLD WEIGHT	N	1	10.3	841	850
BASEID	HOUSEHOLD ID NUMBER	N	2	8	1	8
FHWTR1	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-1	N	2	10.3	9	18
FHWTR2	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-2	N	2	10.3	19	28
FHWTR3	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-3	N	2	10.3	29	38
FHWTR4	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-4	N	2	10.3	39	48
FHWTR5	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-5	N	2	10.3	49	58
FHWTR6	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-6	N	2	10.3	59	68
FHWTR7	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-7	N	2	10.3	69	78
FHWTR8	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-8	N	2	10.3	79	88
FHWTR9	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-9	N	2	10.3	89	98
FHWTR10	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-10	N	2	10.3	99	108
FHWTR11	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-11	N	2	10.3	109	118
FHWTR12	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-12	N	2	10.3	119	128
FHWTR13	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-13	N	2	10.3	129	138
FHWTR14	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-14	N	2	10.3	139	148
FHWTR15	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-15	N	2	10.3	149	158
FHWTR16	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-16	N	2	10.3	159	168
FHWTR17	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-17	N	2	10.3	169	178
FHWTR18	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-18	N	2	10.3	179	188
FHWTR19	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-19	N	2	10.3	189	198
FHWTR20	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-20	N	2	10.3	199	208
FHWTR21	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-21	N	2	10.3	209	218
FHWTR22	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-22	N	2	10.3	219	228
FHWTR23	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-23	N	2	10.3	229	238

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
FHWTR24	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-24	N	2	10.3	239	248
FHWTR25	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-25	N	2	10.3	249	258
FHWTR26	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-26	N	2	10.3	259	268
FHWTR27	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-27	N	2	10.3	269	278
FHWTR28	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-28	N	2	10.3	279	288
FHWTR29	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-29	N	2	10.3	289	298
FHWTR30	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-30	N	2	10.3	299	308
FHWTR31	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-31	N	2	10.3	309	318
FHWTR32	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-32	N	2	10.3	319	328
FHWTR33	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-33	N	2	10.3	329	338
FHWTR34	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-34	N	2	10.3	339	348
FHWTR35	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-35	N	2	10.3	349	358
FHWTR36	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-36	N	2	10.3	359	368
FHWTR37	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-37	N	2	10.3	369	378
FHWTR38	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-38	N	2	10.3	379	388
FHWTR39	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-39	N	2	10.3	389	398
FHWTR40	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-40	N	2	10.3	399	408
FHWTR41	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-41	N	2	10.3	409	418
FHWTR42	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-42	N	2	10.3	419	428
FHWTR43	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-43	N	2	10.3	429	438
FHWTR44	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-44	N	2	10.3	439	448
FHWTR45	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-45	N	2	10.3	449	458
FHWTR46	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-46	N	2	10.3	459	468
FHWTR47	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-47	N	2	10.3	469	478
FHWTR48	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-48	N	2	10.3	479	488
FHWTR49	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-49	N	2	10.3	489	498
FHWTR50	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-50	N	2	10.3	499	508
FHWTR51	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-51	N	2	10.3	509	518
FHWTR52	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-52	N	2	10.3	519	528
FHWTR53	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-53	N	2	10.3	529	538
FHWTR54	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-54	N	2	10.3	539	548
FHWTR55	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-55	N	2	10.3	549	558
FHWTR56	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-56	N	2	10.3	559	568
FHWTR57	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-57	N	2	10.3	569	578
FHWTR58	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-58	N	2	10.3	579	588
FHWTR59	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-59	N	2	10.3	589	598
FHWTR60	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-60	N	2	10.3	599	608
FHWTR61	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-61	N	2	10.3	609	618
FHWTR62	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-62	N	2	10.3	619	628
FHWTR63	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-63	N	2	10.3	629	638
FHWTR64	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-64	N	2	10.3	639	648
FHWTR65	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-65	N	2	10.3	649	658
FHWTR66	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-66	N	2	10.3	659	668
FHWTR67	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-67	N	2	10.3	669	678
FHWTR68	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-68	N	2	10.3	679	688
FHWTR69	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-69	N	2	10.3	689	698
FHWTR70	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-70	N	2	10.3	699	708
FHWTR71	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-71	N	2	10.3	709	718
FHWTR72	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-72	N	2	10.3	719	728
FHWTR73	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-73	N	2	10.3	729	738
FHWTR74	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-74	N	2	10.3	739	748
FHWTR75	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-75	N	2	10.3	749	758
FHWTR76	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-76	N	2	10.3	759	768
FHWTR77	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-77	N	2	10.3	769	778
FHWTR78	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-78	N	2	10.3	779	788
FHWTR79	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-79	N	2	10.3	789	798
FHWTR80	FINAL (RAKED) HOUSEHOLD REPLICATE WGT-80	N	2	10.3	799	808
HPSU	FOR USE IN TAYLOR SERIES VARIANCE	N	2	5	809	813
HSTRATUM	FOR USE IN TAYLOR SERIES VARIANCE	N	2	2	814	815
XHHACTF	IMPUTATION FLAG	N	2	2	816	817
XHHBORF	IMPUTATION FLAG	N	2	2	818	819
XHHLANF	IMPUTATION FLAG	N	2	2	820	821
LDISTANF	IMPUTATION FLAG	N	2	2	822	823
LVISIF1	IMPUTATION FLAG	N	2	2	824	825
LVISIF2	IMPUTATION FLAG	N	2	2	826	827
LCOMF	IMPUTATION FLAG	N	2	2	828	829
LPHONF	IMPUTATION FLAG	N	2	2	830	831
LMATLF	IMPUTATION FLAG	N	2	2	832	833
LMOBILF	IMPUTATION FLAG	N	2	2	834	835
LYRUSF	IMPUTATION FLAG	N	2	2	836	837
LSCHOOF	IMPUTATION FLAG	N	2	2	838	839
LKIDSACF	IMPUTATION FLAG	N	2	2	840	841
LKIDBOOF	IMPUTATION FLAG	N	2	2	842	843
LREFC	IMPUTATION FLAG	N	2	2	844	845

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
LJOBHELP	IMPUTATION FLAG	N	2	2	846	847
LWORF	IMPUTATION FLAG	N	2	2	848	849
LCONSUMF	IMPUTATION FLAG	N	2	2	850	851
LLRNREAF	IMPUTATION FLAG	N	2	2	852	853
HOWNHOMF	IMPUTATION FLAG	N	2	2	854	855
HOTHNUF	IMPUTATION FLAG	N	2	2	856	857
HNUMUSF	IMPUTATION FLAG	N	2	2	858	859
HCCOMMUF	IMPUTATION FLAG	N	2	2	860	861
HCSUF	IMPUTATION FLAG	N	2	2	862	863
HCCITF	IMPUTATION FLAG	N	2	2	864	865
HWIF	IMPUTATION FLAG	N	2	2	866	867
HFOODSF	IMPUTATION FLAG	N	2	2	868	869
HAFDF	IMPUTATION FLAG	N	2	2	870	871
HINCMRNF	IMPUTATION FLAG	N	2	2	872	873
HINCOMF	IMPUTATION FLAG	N	2	2	874	875
HINCMEXF	IMPUTATION FLAG	N	2	2	876	877
HHAGF1	IMPUTATION FLAG	N	2	2	878	879
HHSEF1	IMPUTATION FLAG	N	2	2	880	881
SENROF1	IMPUTATION FLAG	N	2	2	882	883
SHOMSF1	IMPUTATION FLAG	N	2	2	884	885
SGRADF1	IMPUTATION FLAG	N	2	2	886	887
VOCYF1	IMPUTATION FLAG	N	2	2	888	889
COLLYF1	IMPUTATION FLAG	N	2	2	890	891
GRADYF1	IMPUTATION FLAG	N	2	2	892	893
SGRDEF1	IMPUTATION FLAG	N	2	2	894	895
PUBSCF1	IMPUTATION FLAG	N	2	2	896	897
FULTIF1	IMPUTATION FLAG	N	2	2	898	899
GRADF1	IMPUTATION FLAG	N	2	2	900	901
GRAF1_1	IMPUTATION FLAG	N	2	2	902	903
GRAF2_1	IMPUTATION FLAG	N	2	2	904	905
SDIPF1	IMPUTATION FLAG	N	2	2	906	907
MARITF1	IMPUTATION FLAG	N	2	2	908	909
ACTVDF1	IMPUTATION FLAG	N	2	2	910	911
BORNUF1	IMPUTATION FLAG	N	2	2	912	913
LANF1	IMPUTATION FLAG	N	2	2	914	915
RACF1	IMPUTATION FLAG	N	2	2	916	917
OTHRAF1	IMPUTATION FLAG	N	2	2	918	919
HISPAF1	IMPUTATION FLAG	N	2	2	920	921
HHAGF2	IMPUTATION FLAG	N	2	2	922	923
HHSEF2	IMPUTATION FLAG	N	2	2	924	925
SENROF2	IMPUTATION FLAG	N	2	2	926	927
SHOMSF2	IMPUTATION FLAG	N	2	2	928	929
SGRADF2	IMPUTATION FLAG	N	2	2	930	931
VOCYF2	IMPUTATION FLAG	N	2	2	932	933
COLLYF2	IMPUTATION FLAG	N	2	2	934	935
GRADYF2	IMPUTATION FLAG	N	2	2	936	937
SGRDEF2	IMPUTATION FLAG	N	2	2	938	939
PUBSCF2	IMPUTATION FLAG	N	2	2	940	941
FULTIF2	IMPUTATION FLAG	N	2	2	942	943
GRADF2	IMPUTATION FLAG	N	2	2	944	945
GRAF1_2	IMPUTATION FLAG	N	2	2	946	947
GRAF2_2	IMPUTATION FLAG	N	2	2	948	949
SDIPF2	IMPUTATION FLAG	N	2	2	950	951
MARITF2	IMPUTATION FLAG	N	2	2	952	953
ACTVDF2	IMPUTATION FLAG	N	2	2	954	955
BORNUF2	IMPUTATION FLAG	N	2	2	956	957
LANF2	IMPUTATION FLAG	N	2	2	958	959
RACF2	IMPUTATION FLAG	N	2	2	960	961
OTHRAF2	IMPUTATION FLAG	N	2	2	962	963
HISPAF2	IMPUTATION FLAG	N	2	2	964	965
HHAGF3	IMPUTATION FLAG	N	2	2	966	967
HHSEF3	IMPUTATION FLAG	N	2	2	968	969
SENROF3	IMPUTATION FLAG	N	2	2	970	971
SHOMSF3	IMPUTATION FLAG	N	2	2	972	973
SGRADF3	IMPUTATION FLAG	N	2	2	974	975
VOCYF3	IMPUTATION FLAG	N	2	2	976	977
COLLYF3	IMPUTATION FLAG	N	2	2	978	979
GRADYF3	IMPUTATION FLAG	N	2	2	980	981
SGRDEF3	IMPUTATION FLAG	N	2	2	982	983
PUBSCF3	IMPUTATION FLAG	N	2	2	984	985
FULTIF3	IMPUTATION FLAG	N	2	2	986	987
GRADF3	IMPUTATION FLAG	N	2	2	988	989
GRAF1_3	IMPUTATION FLAG	N	2	2	990	991
GRAF2_3	IMPUTATION FLAG	N	2	2	992	993

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
SDIPF3	IMPUTATION FLAG	N	2	2	994	995
MARITF3	IMPUTATION FLAG	N	2	2	996	997
ACTVDF3	IMPUTATION FLAG	N	2	2	998	999
BORNUF3	IMPUTATION FLAG	N	2	2	1000	1001
LANF3	IMPUTATION FLAG	N	2	2	1002	1003
BASEID	HOUSEHOLD ID NUMBER	N	3	8	1	8
RACF3	IMPUTATION FLAG	N	3	2	9	10
OTHRAF3	IMPUTATION FLAG	N	3	2	11	12
HISPAF3	IMPUTATION FLAG	N	3	2	13	14
HHAGF4	IMPUTATION FLAG	N	3	2	15	16
HHSEF4	IMPUTATION FLAG	N	3	2	17	18
SENROF4	IMPUTATION FLAG	N	3	2	19	20
SHOMSF4	IMPUTATION FLAG	N	3	2	21	22
SGRADF4	IMPUTATION FLAG	N	3	2	23	24
VOCYF4	IMPUTATION FLAG	N	3	2	25	26
COLLYF4	IMPUTATION FLAG	N	3	2	27	28
GRADYF4	IMPUTATION FLAG	N	3	2	29	30
SGRDEF4	IMPUTATION FLAG	N	3	2	31	32
PUBSCF4	IMPUTATION FLAG	N	3	2	33	34
FULTIF4	IMPUTATION FLAG	N	3	2	35	36
GRADF4	IMPUTATION FLAG	N	3	2	37	38
GRAF1_4	IMPUTATION FLAG	N	3	2	39	40
GRAF2_4	IMPUTATION FLAG	N	3	2	41	42
SDIPF4	IMPUTATION FLAG	N	3	2	43	44
MARITF4	IMPUTATION FLAG	N	3	2	45	46
ACTVDF4	IMPUTATION FLAG	N	3	2	47	48
BORNUF4	IMPUTATION FLAG	N	3	2	49	50
LANF4	IMPUTATION FLAG	N	3	2	51	52
RACF4	IMPUTATION FLAG	N	3	2	53	54
OTHRAF4	IMPUTATION FLAG	N	3	2	55	56
HISPAF4	IMPUTATION FLAG	N	3	2	57	58
HHAGF5	IMPUTATION FLAG	N	3	2	59	60
HHSEF5	IMPUTATION FLAG	N	3	2	61	62
SENROF5	IMPUTATION FLAG	N	3	2	63	64
SHOMSF5	IMPUTATION FLAG	N	3	2	65	66
SGRADF5	IMPUTATION FLAG	N	3	2	67	68
VOCYF5	IMPUTATION FLAG	N	3	2	69	70
COLLYF5	IMPUTATION FLAG	N	3	2	71	72
GRADYF5	IMPUTATION FLAG	N	3	2	73	74
SGRDEF5	IMPUTATION FLAG	N	3	2	75	76
PUBSCF5	IMPUTATION FLAG	N	3	2	77	78
FULTIF5	IMPUTATION FLAG	N	3	2	79	80
GRADF5	IMPUTATION FLAG	N	3	2	81	82
GRAF1_5	IMPUTATION FLAG	N	3	2	83	84
GRAF2_5	IMPUTATION FLAG	N	3	2	85	86
SDIPF5	IMPUTATION FLAG	N	3	2	87	88
MARITF5	IMPUTATION FLAG	N	3	2	89	90
ACTVDF5	IMPUTATION FLAG	N	3	2	91	92
BORNUF5	IMPUTATION FLAG	N	3	2	93	94
LANF5	IMPUTATION FLAG	N	3	2	95	96
RACF5	IMPUTATION FLAG	N	3	2	97	98
OTHRAF5	IMPUTATION FLAG	N	3	2	99	100
HISPAF5	IMPUTATION FLAG	N	3	2	101	102
HHAGF6	IMPUTATION FLAG	N	3	2	103	104
HHSEF6	IMPUTATION FLAG	N	3	2	105	106
SENROF6	IMPUTATION FLAG	N	3	2	107	108
SHOMSF6	IMPUTATION FLAG	N	3	2	109	110
SGRADF6	IMPUTATION FLAG	N	3	2	111	112
VOCYF6	IMPUTATION FLAG	N	3	2	113	114
COLLYF6	IMPUTATION FLAG	N	3	2	115	116
GRADYF6	IMPUTATION FLAG	N	3	2	117	118
SGRDEF6	IMPUTATION FLAG	N	3	2	119	120
PUBSCF6	IMPUTATION FLAG	N	3	2	121	122
FULTIF6	IMPUTATION FLAG	N	3	2	123	124
GRADF6	IMPUTATION FLAG	N	3	2	125	126
GRAF1_6	IMPUTATION FLAG	N	3	2	127	128
GRAF2_6	IMPUTATION FLAG	N	3	2	129	130
SDIPF6	IMPUTATION FLAG	N	3	2	131	132
MARITF6	IMPUTATION FLAG	N	3	2	133	134
ACTVDF6	IMPUTATION FLAG	N	3	2	135	136
BORNUF6	IMPUTATION FLAG	N	3	2	137	138
LANF6	IMPUTATION FLAG	N	3	2	139	140
RACF6	IMPUTATION FLAG	N	3	2	141	142
OTHRAF6	IMPUTATION FLAG	N	3	2	143	144

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
HISPAF6	IMPUTATION FLAG	N	3	2	145	146
HHAGF7	IMPUTATION FLAG	N	3	2	147	148
HHSEF7	IMPUTATION FLAG	N	3	2	149	150
SENROF7	IMPUTATION FLAG	N	3	2	151	152
SHOMSF7	IMPUTATION FLAG	N	3	2	153	154
SGRADF7	IMPUTATION FLAG	N	3	2	155	156
VOCYF7	IMPUTATION FLAG	N	3	2	157	158
COLLYF7	IMPUTATION FLAG	N	3	2	159	160
GRADYF7	IMPUTATION FLAG	N	3	2	161	162
SGRDEF7	IMPUTATION FLAG	N	3	2	163	164
PUBSCF7	IMPUTATION FLAG	N	3	2	165	166
FULTIF7	IMPUTATION FLAG	N	3	2	167	168
GRADF7	IMPUTATION FLAG	N	3	2	169	170
GRAF1_7	IMPUTATION FLAG	N	3	2	171	172
GRAF2_7	IMPUTATION FLAG	N	3	2	173	174
SDIPF7	IMPUTATION FLAG	N	3	2	175	176
MARITF7	IMPUTATION FLAG	N	3	2	177	178
ACTVDF7	IMPUTATION FLAG	N	3	2	179	180
BORNUF7	IMPUTATION FLAG	N	3	2	181	182
LANF7	IMPUTATION FLAG	N	3	2	183	184
RACF7	IMPUTATION FLAG	N	3	2	185	186
OTHRAF7	IMPUTATION FLAG	N	3	2	187	188
HISPAF7	IMPUTATION FLAG	N	3	2	189	190
HHAGF8	IMPUTATION FLAG	N	3	2	191	192
HHSEF8	IMPUTATION FLAG	N	3	2	193	194
SENROF8	IMPUTATION FLAG	N	3	2	195	196
SHOMSF8	IMPUTATION FLAG	N	3	2	197	198
SGRADF8	IMPUTATION FLAG	N	3	2	199	200
VOCYF8	IMPUTATION FLAG	N	3	2	201	202
COLLYF8	IMPUTATION FLAG	N	3	2	203	204
GRADYF8	IMPUTATION FLAG	N	3	2	205	206
SGRDEF8	IMPUTATION FLAG	N	3	2	207	208
PUBSCF8	IMPUTATION FLAG	N	3	2	209	210
FULTIF8	IMPUTATION FLAG	N	3	2	211	212
GRADF8	IMPUTATION FLAG	N	3	2	213	214
GRAF1_8	IMPUTATION FLAG	N	3	2	215	216
GRAF2_8	IMPUTATION FLAG	N	3	2	217	218
SDIPF8	IMPUTATION FLAG	N	3	2	219	220
MARITF8	IMPUTATION FLAG	N	3	2	221	222
ACTVDF8	IMPUTATION FLAG	N	3	2	223	224
BORNUF8	IMPUTATION FLAG	N	3	2	225	226
LANF8	IMPUTATION FLAG	N	3	2	227	228
RACF8	IMPUTATION FLAG	N	3	2	229	230
OTHRAF8	IMPUTATION FLAG	N	3	2	231	232
HISPAF8	IMPUTATION FLAG	N	3	2	233	234
HHAGF9	IMPUTATION FLAG	N	3	2	235	236
HHSEF9	IMPUTATION FLAG	N	3	2	237	238
SENROF9	IMPUTATION FLAG	N	3	2	239	240
SHOMSF9	IMPUTATION FLAG	N	3	2	241	242
SGRADF9	IMPUTATION FLAG	N	3	2	243	244
VOCYF9	IMPUTATION FLAG	N	3	2	245	246
COLLYF9	IMPUTATION FLAG	N	3	2	247	248
GRADYF9	IMPUTATION FLAG	N	3	2	249	250
SGRDEF9	IMPUTATION FLAG	N	3	2	251	252
PUBSCF9	IMPUTATION FLAG	N	3	2	253	254
FULTIF9	IMPUTATION FLAG	N	3	2	255	256
GRADF9	IMPUTATION FLAG	N	3	2	257	258
GRAF1_9	IMPUTATION FLAG	N	3	2	259	260
GRAF2_9	IMPUTATION FLAG	N	3	2	261	262
SDIPF9	IMPUTATION FLAG	N	3	2	263	264
MARITF9	IMPUTATION FLAG	N	3	2	265	266
ACTVDF9	IMPUTATION FLAG	N	3	2	267	268
BORNUF9	IMPUTATION FLAG	N	3	2	269	270
LANF9	IMPUTATION FLAG	N	3	2	271	272
RACF9	IMPUTATION FLAG	N	3	2	273	274
OTHRAF9	IMPUTATION FLAG	N	3	2	275	276
HISPAF9	IMPUTATION FLAG	N	3	2	277	278
HHAGF10	IMPUTATION FLAG	N	3	2	279	280
HHSEF10	IMPUTATION FLAG	N	3	2	281	282
SENROF10	IMPUTATION FLAG	N	3	2	283	284
SHOMSF10	IMPUTATION FLAG	N	3	2	285	286
SGRADF10	IMPUTATION FLAG	N	3	2	287	288
VOCYF10	IMPUTATION FLAG	N	3	2	289	290
COLLYF10	IMPUTATION FLAG	N	3	2	291	292

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
GRADYF10	IMPUTATION FLAG	N	3	2	293	294
SGRDEF10	IMPUTATION FLAG	N	3	2	295	296
PUBSCF10	IMPUTATION FLAG	N	3	2	297	298
FULTIF10	IMPUTATION FLAG	N	3	2	299	300
GRADF10	IMPUTATION FLAG	N	3	2	301	302
GRAF1_10	IMPUTATION FLAG	N	3	2	303	304
GRAF2_10	IMPUTATION FLAG	N	3	2	305	306
SDIPF10	IMPUTATION FLAG	N	3	2	307	308
MARITF10	IMPUTATION FLAG	N	3	2	309	310
ACTVDF10	IMPUTATION FLAG	N	3	2	311	312
BORNUF10	IMPUTATION FLAG	N	3	2	313	314
LANF10	IMPUTATION FLAG	N	3	2	315	316
RACF10	IMPUTATION FLAG	N	3	2	317	318
OTHRAF10	IMPUTATION FLAG	N	3	2	319	320
HISPAF10	IMPUTATION FLAG	N	3	2	321	322
HHAGF11	IMPUTATION FLAG	N	3	2	323	324
HHSEF11	IMPUTATION FLAG	N	3	2	325	326
SENROF11	IMPUTATION FLAG	N	3	2	327	328
SHOMSF11	IMPUTATION FLAG	N	3	2	329	330
SGRADF11	IMPUTATION FLAG	N	3	2	331	332
VOCYF11	IMPUTATION FLAG	N	3	2	333	334
COLLYF11	IMPUTATION FLAG	N	3	2	335	336
GRADYF11	IMPUTATION FLAG	N	3	2	337	338
SGRDEF11	IMPUTATION FLAG	N	3	2	339	340
PUBSCF11	IMPUTATION FLAG	N	3	2	341	342
FULTIF11	IMPUTATION FLAG	N	3	2	343	344
GRADF11	IMPUTATION FLAG	N	3	2	345	346
GRAF1_11	IMPUTATION FLAG	N	3	2	347	348
GRAF2_11	IMPUTATION FLAG	N	3	2	349	350
SDIPF11	IMPUTATION FLAG	N	3	2	351	352
MARITF11	IMPUTATION FLAG	N	3	2	353	354
ACTVDF11	IMPUTATION FLAG	N	3	2	355	356
BORNUF11	IMPUTATION FLAG	N	3	2	357	358
LANF11	IMPUTATION FLAG	N	3	2	359	360
RACF11	IMPUTATION FLAG	N	3	2	361	362
OTHRAF11	IMPUTATION FLAG	N	3	2	363	364
HISPAF11	IMPUTATION FLAG	N	3	2	365	366
HHAGF12	IMPUTATION FLAG	N	3	2	367	368
HHSEF12	IMPUTATION FLAG	N	3	2	369	370
SENROF12	IMPUTATION FLAG	N	3	2	371	372
SHOMSF12	IMPUTATION FLAG	N	3	2	373	374
SGRADF12	IMPUTATION FLAG	N	3	2	375	376
VOCYF12	IMPUTATION FLAG	N	3	2	377	378
COLLYF12	IMPUTATION FLAG	N	3	2	379	380
GRADYF12	IMPUTATION FLAG	N	3	2	381	382
SGRDEF12	IMPUTATION FLAG	N	3	2	383	384
PUBSCF12	IMPUTATION FLAG	N	3	2	385	386
FULTIF12	IMPUTATION FLAG	N	3	2	387	388
GRADF12	IMPUTATION FLAG	N	3	2	389	390
GRAF1_12	IMPUTATION FLAG	N	3	2	391	392
GRAF2_12	IMPUTATION FLAG	N	3	2	393	394
SDIPF12	IMPUTATION FLAG	N	3	2	395	396
MARITF12	IMPUTATION FLAG	N	3	2	397	398
ACTVDF12	IMPUTATION FLAG	N	3	2	399	400
BORNUF12	IMPUTATION FLAG	N	3	2	401	402
LANF12	IMPUTATION FLAG	N	3	2	403	404
RACF12	IMPUTATION FLAG	N	3	2	405	406
OTHRAF12	IMPUTATION FLAG	N	3	2	407	408
HISPAF12	IMPUTATION FLAG	N	3	2	409	410
HHAGF13	IMPUTATION FLAG	N	3	2	411	412
HHSEF13	IMPUTATION FLAG	N	3	2	413	414
SENROF13	IMPUTATION FLAG	N	3	2	415	416
SHOMSF13	IMPUTATION FLAG	N	3	2	417	418
SGRADF13	IMPUTATION FLAG	N	3	2	419	420
VOCYF13	IMPUTATION FLAG	N	3	2	421	422
COLLYF13	IMPUTATION FLAG	N	3	2	423	424
GRADYF13	IMPUTATION FLAG	N	3	2	425	426
SGRDEF13	IMPUTATION FLAG	N	3	2	427	428
PUBSCF13	IMPUTATION FLAG	N	3	2	429	430
FULTIF13	IMPUTATION FLAG	N	3	2	431	432
GRADF13	IMPUTATION FLAG	N	3	2	433	434
GRAF1_13	IMPUTATION FLAG	N	3	2	435	436
GRAF2_13	IMPUTATION FLAG	N	3	2	437	438
SDIPF13	IMPUTATION FLAG	N	3	2	439	440
MARITF13	IMPUTATION FLAG	N	3	2	441	442
ACTVDF13	IMPUTATION FLAG	N	3	2	443	444

VARIABLE NAME	VARIABLE LABEL	FORMAT	RECORD NUMBER	LENGTH	START COLUMN	END COLUMN
BORNUF13	IMPUTATION FLAG	N	3	2	445	446
LANF13	IMPUTATION FLAG	N	3	2	447	448
RACF13	IMPUTATION FLAG	N	3	2	449	450
OTHRAF13	IMPUTATION FLAG	N	3	2	451	452
HISPAF13	IMPUTATION FLAG	N	3	2	453	454
HHAGF14	IMPUTATION FLAG	N	3	2	455	456
HHSEF14	IMPUTATION FLAG	N	3	2	457	458
SENROF14	IMPUTATION FLAG	N	3	2	459	460
SHOMSF14	IMPUTATION FLAG	N	3	2	461	462
SGRADF14	IMPUTATION FLAG	N	3	2	463	464
VOCYF14	IMPUTATION FLAG	N	3	2	465	466
COLLYF14	IMPUTATION FLAG	N	3	2	467	468
GRADYF14	IMPUTATION FLAG	N	3	2	469	470
SGRDEF14	IMPUTATION FLAG	N	3	2	471	472
PUBSCF14	IMPUTATION FLAG	N	3	2	473	474
FULTIF14	IMPUTATION FLAG	N	3	2	475	476
GRADF14	IMPUTATION FLAG	N	3	2	477	478
GRAF1_14	IMPUTATION FLAG	N	3	2	479	480
GRAF2_14	IMPUTATION FLAG	N	3	2	481	482
SDIPF14	IMPUTATION FLAG	N	3	2	483	484
MARITF14	IMPUTATION FLAG	N	3	2	485	486
ACTVDF14	IMPUTATION FLAG	N	3	2	487	488
BORNUF14	IMPUTATION FLAG	N	3	2	489	490
LANF14	IMPUTATION FLAG	N	3	2	491	492
RACF14	IMPUTATION FLAG	N	3	2	493	494
OTHRAF14	IMPUTATION FLAG	N	3	2	495	496
HISPAF14	IMPUTATION FLAG	N	3	2	497	498
HHAGF15	IMPUTATION FLAG	N	3	2	499	500
HHSEF15	IMPUTATION FLAG	N	3	2	501	502
SENROF15	IMPUTATION FLAG	N	3	2	503	504
SHOMSF15	IMPUTATION FLAG	N	3	2	505	506
SGRADF15	IMPUTATION FLAG	N	3	2	507	508
VOCYF15	IMPUTATION FLAG	N	3	2	509	510
COLLYF15	IMPUTATION FLAG	N	3	2	511	512
GRADYF15	IMPUTATION FLAG	N	3	2	513	514
SGRDEF15	IMPUTATION FLAG	N	3	2	515	516
PUBSCF15	IMPUTATION FLAG	N	3	2	517	518
FULTIF15	IMPUTATION FLAG	N	3	2	519	520
GRADF15	IMPUTATION FLAG	N	3	2	521	522
GRAF1_15	IMPUTATION FLAG	N	3	2	523	524
GRAF2_15	IMPUTATION FLAG	N	3	2	525	526
SDIPF15	IMPUTATION FLAG	N	3	2	527	528
MARITF15	IMPUTATION FLAG	N	3	2	529	530
ACTVDF15	IMPUTATION FLAG	N	3	2	531	532
BORNUF15	IMPUTATION FLAG	N	3	2	533	534
LANF15	IMPUTATION FLAG	N	3	2	535	536
RACF15	IMPUTATION FLAG	N	3	2	537	538
OTHRAF15	IMPUTATION FLAG	N	3	2	539	540
HISPAF15	IMPUTATION FLAG	N	3	2	541	542
HHAGF16	IMPUTATION FLAG	N	3	2	543	544
HHSEF16	IMPUTATION FLAG	N	3	2	545	546
SENROF16	IMPUTATION FLAG	N	3	2	547	548
SHOMSF16	IMPUTATION FLAG	N	3	2	549	550
SGRADF16	IMPUTATION FLAG	N	3	2	551	552
VOCYF16	IMPUTATION FLAG	N	3	2	553	554
COLLYF16	IMPUTATION FLAG	N	3	2	555	556
GRADYF16	IMPUTATION FLAG	N	3	2	557	558
SGRDEF16	IMPUTATION FLAG	N	3	2	559	560
PUBSCF16	IMPUTATION FLAG	N	3	2	561	562
FULTIF16	IMPUTATION FLAG	N	3	2	563	564
GRADF16	IMPUTATION FLAG	N	3	2	565	566
GRAF1_16	IMPUTATION FLAG	N	3	2	567	568
GRAF2_16	IMPUTATION FLAG	N	3	2	569	570
SDIPF16	IMPUTATION FLAG	N	3	2	571	572
MARITF16	IMPUTATION FLAG	N	3	2	573	574
ACTVDF16	IMPUTATION FLAG	N	3	2	575	576
BORNUF16	IMPUTATION FLAG	N	3	2	577	578
LANF16	IMPUTATION FLAG	N	3	2	579	580
RACF16	IMPUTATION FLAG	N	3	2	581	582
OTHRAF16	IMPUTATION FLAG	N	3	2	583	584
HISPAF16	IMPUTATION FLAG	N	3	2	585	586

NOTE: The variable RECNUM is located in the last column of each record (column 1024). The value of RECNUM varies with the record number of a given case. RECNUM is set to one on the first record of every case, 2 for the second record, and 3 for the third record. Each case on the Household & Library data set has three records of data.

APPENDIX C

SAS CODE FOR DERIVED VARIABLES

This page is blank.

```

/*--ANYLIB--*/
IF (LVISIT1 = 1 OR LVISIT2 = 1 OR LCOMP = 1 OR LPHONE = 1 OR
    LMATLS = 1 OR LMOBILE = 1) THEN ANYLIB = 1;
ELSE ANYLIB = 2;

/*--COMMUNITY--*/
IF HCCOMMUN = 4 & HCCITY = 1 THEN COMMUNITY = 1;
ELSE IF HCCOMMUN = 4 & HCCITY = 2 THEN COMMUNITY = 2;
ELSE IF HCCOMMUN = 4 & HCCITY = 3 THEN COMMUNITY = 3;
ELSE IF HCCOMMUN = 2 & HCSUB = 1 THEN COMMUNITY = 4;
ELSE IF HCCOMMUN = 2 & HCSUB = 2 THEN COMMUNITY = 5;
ELSE IF HCCOMMUN = 2 & HCSUB = 3 THEN COMMUNITY = 6;
ELSE IF HCCOMMUN = 3 THEN COMMUNITY = 7;
ELSE IF HCCOMMUN = 1 THEN COMMUNITY = 8;

/*--HIGHGRAD--*/
DIPCNT = 0;
GRDIP = 0;
LE58 = 0;
EQ9 = 0;
GT9 = 0;

ARRAY HGRAD{16} GRADE1-GRADE16;
ARRAY SGRAD{16} SGRADE1-SGRADE16;
ARRAY HDIPL{16} SDIPL1-SDIPL16;
DO I = 1 TO 16;
    IF (HGRAD[I] > 9 OR SGRAD[I] = '17') THEN GT9 + 1;
    ELSE IF HGRAD[I] = 9 THEN EQ9 + 1;
    ELSE IF ((5 <= HGRAD[I] <= 8) OR ('15' <= SGRAD[I] <= '16'))
        THEN LE58 + 1;
    ELSE IF (HGRAD[I] = 4 OR HDIPL[I] = 1) THEN GRDIP + 1;
    ELSE IF (HDIPL[I] = 2 OR SGRAD[I] IN('N','K','T','P','1','2',
        '3','4','5','6','7','8','9','10','11','12','S','U'))
        THEN DIPCNT + 1;
END;

IF GT9 > 0 THEN HIGHGRAD = 5;
ELSE IF EQ9 > 0 THEN HIGHGRAD = 4;
ELSE IF LE58 > 0 THEN HIGHGRAD = 3;
ELSE IF GRDIP > 0 THEN HIGHGRAD = 2;
ELSE IF DIPCNT > 0 THEN HIGHGRAD = 1;

```

This page is blank.

APPENDIX E

DIRECTIONS AND CODE FOR LINKING DATA FILES

This page is blank.

Linking the NHES:96 Data Files

It is possible to link information from the four distinct NHES:96 files. This process is clear once the structure of the file identifiers is understood. First, the types of identifiers found on the NHES:96 data files are discussed. In the NHES:96, there are **household** identification numbers (**BASEID**), interview **subject** identification numbers (**ENUMID**), and **interview** or case identification numbers (**BASMID**). In addition, two-digit **person numbers** are provided for household members within households. The household, interview, and subject identification numbers are first discussed and then the person numbers.

- **BASEID**, is the **household** identification number. This eight-digit identification number is the same for every data record within a household and is the case identification number for the Household & Library data file. It is also provided on the Parent PFI/CI file, the Youth CI file, and the Adult CI file to permit data users to form linkages between the files.
- **ENUMID** is the **interview subject** identification number and is composed of 10 digits. "Interview subject" identification means that this number is unique to the person who is the subject of the interview. For example, in the Parent PFI/CI data file, **ENUMID** is the ID number of the child or youth who is the *subject* of the interview. Thus, **ENUMID** is the same in the Parent PFI/CI interview about a given youth and in that youth's own Youth CI interview record. **ENUMID** appears in the Parent PFI/CI and Youth CI data files only.
- **BASMID** is the unique **interview** or case identification number and is composed of 12 digits. Each Parent PFI/CI, Youth CI, or Adult CI interview has this unique interview ID. The first eight digits of **BASMID** are the same as **BASEID** for the household to which the interview belongs. The first 10 digits of **BASMID** are the same as the **ENUMID** of the subject of the interview. Therefore, a Parent PFI/CI interview record and a Youth CI record about the same youth would have the same value for **ENUMID**, but each interview would have its own unique **BASMID**. For the Parent PFI/CI interview, the last two digits are 01; for the Youth CI interview, the last two digits are 02; and for the Adult CI interview, the last two digits are 03. **BASMID** is the variable specified as the case identification number when creating a WesVarPC analysis from the Parent PFI/CI, Youth CI, or Adult CI files (see chapter 3 of this volume for a discussion of variance estimation and WesVarPC.)

Two-digit person identification numbers are provided on each of the NHES:96 data files in order to permit data users to copy information about certain individuals across interview records. In developing the public use data files, care was taken to include those person-level variables that were most likely to be needed by analysts. For example, the educational attainment of and languages spoken by the child's parents are included on the Parent PFI/CI file, since these parent characteristics are likely to be of interest to many analysts. These characteristics of subject adults are also included on the Adult CI file. In addition, since household characteristics (such as own/rent and income) are likely to be of interest to many analysts, these variables are contained on all four of the NHES:96 data sets and it is not necessary to copy them from the Household & Library file to the Parent PFI/CI, Youth CI, or Adult CI data files.

However, there may be circumstances in which an analyst would like to copy data items about a household member from one file to another. In order to facilitate linkages between the NHES:96 data files for

the purpose of merging person characteristics, individual person numbers are provided on the data files. These two-digit numbers represent the number assigned to the person during enumeration of the household, i.e., 01 for the first person listed by the Screener respondent, 02 for the second person, etc.

- **PNUM(*n*)** is the two-digit person number variable in the Household & Library file. As noted above, many individual characteristics appear on this file for each household member, and these characteristics have sequential numbers, e.g., AGE1, AGE2, AGE3, and so on. Similarly, PNUM(*n*) carries the same sequential numbers in the variable name, so that it appears as PNUM1, PNUM2, PNUM3, etc. PNUM(*n*) contains the number assigned to each household member at the time of enumeration,

NOTE: *The value of PNUM(*n*) is not the same as the sequential number it carries in its variable name.* That is, PNUM1 is not necessarily equal to '01,' PNUM2 is not always equal to '02,' etc. There are two reasons for this. First, during data collection and data preparation, household members who were originally enumerated may have been deleted because they were later determined not to be household members according to the study definition. The enumeration numbers assigned to the household members were not changed when this occurred, because doing so would have disrupted linkages between segments in the hierarchical CATI data base. Second, after imputation of person-level records, the household members were sorted by age, oldest to youngest, before constructing the rectangular Household & Library file.

- In the Parent PFI/CI and Youth CI data files, four two-digit person numbers are provided -- **MOMNUM** for the child's mother (if any), **DADNUM** for the child's father (if any), **RESPNUM**, the person number of the respondent to the Parent PFI/CI interview, and **CHILDNUM** for the subject child or youth. If the mother or the father was the respondent to the Parent PFI/CI interview, MOMNUM (or DADNUM) will have the same value as RESPNUM.
- In the Adult CI data file, the person number for the sampled adult is contained in **PERSNUM**.

In order to effectively approach linkages between NHES:96 data files, it is important to remember the structure of the NHES:96 sample. Every household with a completed Screener interview has a household record in the Household & Library file. Therefore, every Parent PFI/CI, Youth CI, and Adult CI data record belongs to a household that is also represented in the Household & Library file. Because the Youth CI interview was only attempted if the corresponding Parent PFI/CI interview was completed, every Youth CI interview has a corresponding Parent PFI/CI record. As noted earlier, the sample of telephone numbers for the NHES:96 was split, and 95 percent was assigned to Parent/Youth interviewing and 5 percent was assigned to Adult CI interviewing. As a result, there are no Parent PFI/CI or Youth CI interviews for which there is an Adult CI interview in the same household.

The following examples are provided for the general populations for each component. Data users should consider the following tips regarding the length of time required to run a program and use of disk space:

- The data files are provided in ID order -- all of the following examples present code for sorting data files prior to linking (merging). Sorting the files can take up considerable time and disk space. If the files are already in the order required by the analyst, sorting is unnecessary.

- Keep only the variables required for your analysis -- specifying only the variables needed for the analysis will significantly improve the speed of the linking and the created data file will use less disk space. The use of a KEEP option, demonstrated in some of the following examples, can be used for this purpose.
- Keep only the relevant records -- when linking, for example, the Parent PFI/CI file with the Household & Library file, a match for every parent can be found that will bring together the Parent PFI/CI variables with the parents' related Household & Library variables. However, there are additional records in the Household & Library file unrelated to the Parent PFI/CI file, i.e., household information on respondents found in the Adult CI and Youth CI files. The example on **Linking between Parent PFI/CI and Youth CI files** demonstrates a technique for dropping unwanted records resulting from such a merge; in the SAS example note the use of the ONPARENT variable and in the SPSS examples the INPARENT recode.

Linking between Parent PFI/CI and Youth CI files is straightforward. The common identifier (key) is the ENUMID, and is available on both files. Sample SAS code to bring together these two files follows:

```
DATA TEMP;
MERGE parent_filename (IN=ONPARENT) youth_filename (IN=ONYOUTH);
BY ENUMID;
RUN;
```

Sample SPSS for DOS code is:

```
SET MORE = OFF

GET FILE = 'youth file'.
SORT CASES BY ENUMID.
SAVE OUTFILE = 'temp'.

GET FILE = 'parent file'.
SORT CASES BY ENUMID.

JOIN MATCH FILE = */FILE = 'temp'
  /BY ENUMID
  /MAP.
SAVE OUTFILE = 'merged file'.
```

Sample SPSS for Windows code is:

```
GET FILE = 'youth file'.
  /KEEP = ALL.
SORT CASES BY ENUMID.
SAVE OUTFILE = 'temp'.

GET FILE = 'parent file'.
  /KEEP = ALL.
SORT CASES BY ENUMID.

MATCH FILES FILE = */FILE = temp
  /BY ENUMID
  /MAP.
SAVE OUTFILE = 'merged file'.
```

Linking between the Household & Library file and the Parent PFI/CI, Youth CI, or Adult CI files requires using the key common to both files. This is accomplished using BASEID, which appears on all data files. The following example shows how to join selected library items from the Household & Library file with the Parent PFI/CI file and retain only records from the Parent PFI/CI file. Similarly, the Youth CI or Adult CI file can be substituted where references to the Parent PFI/CI file are made to allow joining library items with that file. Example SAS code to bring these files together follows:

```
DATA TEMP;
MERGE parent_filename (IN=ONPARENT) household_and_library_filename (KEEP = BASEID LCOMP
LCONSUME LDISTANC LJOBHELP);
BY BASEID;
IF ONPARENT;
RUN;
```

Sample SPSS for DOS code is:

```
SET MORE = OFF

GET FILE = 'household & library file'
  /KEEP = BASEID LCOMP LCONSUME LDISTANC LJOBHELP.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp'.

GET FILE = 'parent file'.
COMPUTE INPARENT = 1.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp2'.

JOIN MATCH TABLE='temp'
  /FILE='temp2'
  /BY BASEID
  /MAP.

SELECT IF (INPARENT = 1).
SAVE OUTFILE = 'merged file'.
```

Sample SPSS for Windows code is:

```
GET FILE = 'household & library file'
  /KEEP = BASEID LCOMP LCONSUME LDISTANC LJOBHELP.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp'.

GET FILE = 'parent file'
  /KEEP = ALL.
COMPUTE INPARENT = 1.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp2'.

MATCH FILES TABLE = 'temp'
  /FILE='temp2'
  /BY BASEID
  /MAP.

SELECT IF (INPARENT = 1).
SAVE OUTFILE = 'merged file'.
```

Linking between selected household member characteristics and the Parent PFI/CI file requires the use of household member person numbers. (The same approach can be used to link person-level variables in the Household & Library file with the Youth CI and Adult CI data files.) As noted above, the household member person numbers on the Parent PFI/CI file are stored in the variables CHILDNUM, MOMNUM, DADNUM, and RESPNUM. On the Household & Library file, the characteristics of household

members have been stored in arrayed fields that number from 1 to 16, for example MARITL1-MARITL16 gives the marital status of each household member. Household member numbers have been stored in the fields PNUM1-PNUM16 on the Household & Library file. To determine the marital status of the child's father, each PNUM(*n*) field must be compared to the value of the DADNUM field and the corresponding arrayed MARITL(*n*) field contains the father's marital status, for example, if DADNUM equals the value in PNUM5, then the MARITL5 field contains the father's marital status. Building on the preceding code, the following code demonstrates a way this can be accomplished in SAS. Note that characteristics can be determined for the child, mother, or interview respondent by substituting CHILDDNUM, MOMNUM, or RESPNUM for references to DADNUM in the following code.

```
DATA TEMP;
MERGE parent_filename (IN=ONPARENT) household_and_library_filename (KEEP = BASEID PNUM1-
PNUM16 MARITL1-MARITL16);
BY BASEID;
IF ONPARENT;
/* determine which element contains dads info and assign dads marital status to DADSMAR */
IF DADNUM = PNUM1 THEN DADSMAR = MARITL1;
ELSE IF DADNUM = PNUM2 THEN DADSMAR = MARITL2;
ELSE IF DADNUM = PNUM3 THEN DADSMAR = MARITL3;
ELSE IF DADNUM = PNUM4 THEN DADSMAR = MARITL4;
ELSE IF DADNUM = PNUM5 THEN DADSMAR = MARITL5;
ELSE IF DADNUM = PNUM6 THEN DADSMAR = MARITL6;
ELSE IF DADNUM = PNUM7 THEN DADSMAR = MARITL7;
ELSE IF DADNUM = PNUM8 THEN DADSMAR = MARITL8;
ELSE IF DADNUM = PNUM9 THEN DADSMAR = MARITL9;
ELSE IF DADNUM = PNUM10 THEN DADSMAR = MARITL10;
ELSE IF DADNUM = PNUM11 THEN DADSMAR = MARITL11;
ELSE IF DADNUM = PNUM12 THEN DADSMAR = MARITL12;
ELSE IF DADNUM = PNUM13 THEN DADSMAR = MARITL13;
ELSE IF DADNUM = PNUM14 THEN DADSMAR = MARITL14;
ELSE IF DADNUM = PNUM15 THEN DADSMAR = MARITL15;
ELSE IF DADNUM = PNUM16 THEN DADSMAR = MARITL16;
RUN;
```

Sample SPSS for DOS code is:

```
SET MORE = OFF
GET FILE = 'household & library file'
  /KEEP = BASEID PNUM1 TO PNUM16 MARITL1 TO MARITL16.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp'.

GET FILE = 'parent file'.
COMPUTE INPARENT = 1.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp2'.

JOIN MATCH TABLE='temp'
  /FILE='temp2'
  /BY BASEID
  /MAP.
SELECT IF (INPARENT = 1).

IF (DADNUM = PNUM1) DADSMAR = MARITL1.
IF (DADNUM = PNUM2) DADSMAR = MARITL2.
IF (DADNUM = PNUM3) DADSMAR = MARITL3.
IF (DADNUM = PNUM4) DADSMAR = MARITL4.
IF (DADNUM = PNUM5) DADSMAR = MARITL5.
IF (DADNUM = PNUM6) DADSMAR = MARITL6.
IF (DADNUM = PNUM7) DADSMAR = MARITL7.
IF (DADNUM = PNUM8) DADSMAR = MARITL8.
IF (DADNUM = PNUM9) DADSMAR = MARITL9.
IF (DADNUM = PNUM10) DADSMAR = MARITL10.
IF (DADNUM = PNUM11) DADSMAR = MARITL11.
IF (DADNUM = PNUM12) DADSMAR = MARITL12.
IF (DADNUM = PNUM13) DADSMAR = MARITL13.
IF (DADNUM = PNUM14) DADSMAR = MARITL14.
```

```
IF (DADNUM = PNUM15) DADSMAR = MARITL15.
IF (DADNUM = PNUM16) DADSMAR = MARITL16.

SAVE OUTFILE = 'merged file'.
```

Sample SPSS for Windows code is:

```
GET FILE = 'household & library file'
  /KEEP = BASEID PNUM1 TO PNUM16 MARITL1 TO MARITL16.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp'.
```

```
GET FILE = 'parent file'
  /KEEP = ALL.
COMPUTE INPARENT = 1.
SORT CASES BY BASEID.
SAVE OUTFILE = 'temp2'.
MATCH FILES TABLE = 'temp'
  /FILE='temp2'
  /BY BASEID
  /MAP.
SELECT IF (INPARENT = 1).
```

```
IF (DADNUM = PNUM1) DADSMAR = MARITL1.
IF (DADNUM = PNUM2) DADSMAR = MARITL2.
IF (DADNUM = PNUM3) DADSMAR = MARITL3.
IF (DADNUM = PNUM4) DADSMAR = MARITL4.
IF (DADNUM = PNUM5) DADSMAR = MARITL5.
IF (DADNUM = PNUM6) DADSMAR = MARITL6.
IF (DADNUM = PNUM7) DADSMAR = MARITL7.
IF (DADNUM = PNUM8) DADSMAR = MARITL8.
IF (DADNUM = PNUM9) DADSMAR = MARITL9.
IF (DADNUM = PNUM10) DADSMAR = MARITL10.
IF (DADNUM = PNUM11) DADSMAR = MARITL11.
IF (DADNUM = PNUM12) DADSMAR = MARITL12.
IF (DADNUM = PNUM13) DADSMAR = MARITL13.
IF (DADNUM = PNUM14) DADSMAR = MARITL14.
IF (DADNUM = PNUM15) DADSMAR = MARITL15.
IF (DADNUM = PNUM16) DADSMAR = MARITL16.
```

```
SAVE OUTFILE = 'merged file'.
```