

# CURRENT POPULATION SURVEY, JUNE 2000: FERTILITY SUPPLEMENT FILE

## TECHNICAL DOCUMENTATION CPS) 01

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### NOTE

Questions about accompanying **documentation** should be directed to Administrative and Customer Services Division, Electronic Products Development Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-1326.

Questions about the **CD-ROM** should be directed to Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-4100.

Questions about the **subject matter** should be directed to Michelle Schwab, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-3806.

Additional questions about the **Fertility Supplement File** should be directed to Amara Bachu, Population Division, Bureau of the Census, Washington, D.C. Phone: (301) 457-2449.

# ATTACHMENT 1

## ABSTRACT

*Current Population Survey, June 2000: Fertility  
[machine-readable data file] / conducted by the Bureau of  
the Census for the Bureau of Labor Statistics.  
Washington: Bureau of the Census [producer and  
distributor], 20001*

### **Type of File:**

Microdata; unit of observation is individuals within housing units.

### **Universe Description:**

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 48,000 households.

### **Subject-Matter Description:**

Data are provided on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 15 years old and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Hispanic origin.

In addition, data pertaining to fertility are included in the file. Fertility supplement questions were asked of all female civilian household members 15-44 years old. Questions determining the number of live born children and date of birth of youngest child were asked of women 15-44 years old. Questions concerning birth expectations were asked of women 18-39 years old.

### **Geographic Coverage:**

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for consolidated metropolitan statistical areas (CMSA), 173 selected metropolitan statistical areas (MSA), 69 selected primary metropolitan statistical areas (PMSA), 217 counties, and 41 central cities in multi-central city metropolitan statistical areas or primary metropolitan statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/nonmetropolitan, central city/balance metropolitan, MSA/CMSA size and MSA/PMSA size.

## Technical Description:

**File Structure:** Rectangular.

**File Size:** 135,488 logical records; 876 characters logical record length.

**File Sort Sequence:** State rank by CMSA/MSA rank by household identification number by line number.

## Reference Materials:

*Current Population Survey, June 2000: Fertility Technical Documentation.* Documentation contains this abstract, including ordering information, an overview, definitions, a questionnaire facsimile, code lists, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, D.C. 20233.

Bureau of the Census. *The Current Population Survey Design and Methodology* (Technical Paper 63) describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries.

## File Availability:

The file may be ordered from Marketing Services Office, Customer Services Center using the Customer Services [order form](#) on the following page. It is available on CD-R (compact disc-recordable) in ASCII format.

# Census Bureau Order Form

Use this form to order CD-ROM's, tape-to-CD-ROM, customer products, technical documentation, computer tapes and cartridges, diskettes, and publications sold by Customer Services.

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## Computer Tape Instructions

All tape files are on 6250 bpi reels, have standard ANSI labeling, and are blocked at 32K bytes. Also, they are available on IBM model 3480-compatible tape cartridges. Please specify your choice of:

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**Please Type or Print.**

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(Company or personal name)

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Census deposit account: [ 9 ] \_\_\_\_\_

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## ATTACHMENT 2

### OVERVIEW

#### Current Population Survey

##### Introduction

The Current Population Survey (CPS) is the source of the official government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we obtain interviews from about 48,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain reliable month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

Although the main purpose of the survey is to collect information on the employment situation, a very important secondary purpose is to collect information on demographic characteristics such as age, sex, race, marital status, educational attainment, family relationship, occupation, and industry. From time to time, additional questions are included on health, education, income, and previous work experience. The statistics resulting from these questions serve to update similar information collected once every 10 years through the decennial census, and are used by government policymakers and legislators as important indicators of our nation's economic situation and for planning and evaluating many government programs.

The CPS provides current estimates of the economic status and activities of the population of the United States. Because it is not possible to develop one or two overall figures (such as the number of unemployed) that would adequately describe the whole complex of labor market phenomena, the CPS is designed to provide a large amount of detailed and supplementary data. Such data are made available to meet a wide variety of needs on the part of users of labor market information.

Thus, the CPS is the only source of monthly estimates of total employment (both farm and nonfarm); nonfarm self-employed persons, domestics, and unpaid helpers in nonfarm family enterprises; wage and salaried employees; and, finally, estimates of total unemployment.

It provides the only available distribution of workers by the number of hours worked (as distinguished from aggregate or average hours for an industry), permitting separate analyses of part-time workers, workers on overtime, etc. The survey is also the only comprehensive current source of information on the occupation of workers and the industries in which they work. Information is available from the survey not only for persons currently in the labor force but also for those who are outside the labor force. The characteristics of such persons - whether married women with or without young children, disabled persons, students, older retired workers, etc., can be determined. Information on their current desire for work, their past work experience, and their intentions as to job seeking are also available.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings* published by the Bureau of Labor Statistics.

## **CPS Sample Design**

The current CPS sample is selected based on 1990 census information. The first stage of the 1990 sample design created 2,007 geographic areas called primary sampling units (PSUs) in the entire United States. These PSUs were grouped into strata within each state. Some of these PSUs formed strata by themselves and were in sample with certainty, which is referred to as self-representing. Of the remaining nonself-representing PSUs, one PSU was selected from each stratum with the probability of selection proportional to the population of the PSU. A total of 754 PSUs were selected for sample containing 2,121 counties, minor civil divisions, and independent cities. The second stage of the sample design selected housing units within these PSUs.

Approximately 60,000 housing units are assigned for interview each month, of which about 50,500 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 50,500 occupied housing units, approximately 5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 94,000 persons 15 years old and over, approximately 28,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

## **Relationship of Current Population Survey Files to Publications**

Each month, a significant amount of information about the labor force is published by the Bureau of Labor Statistics in the *Employment and Earnings* and *Monthly Labor Review* reports.

As mentioned previously, the CPS also serves as a vehicle for supplemental inquiries on subjects other than employment, which are periodically added to the questionnaire. From the basic and supplemental data, the Bureau of the Census issues three series of publications under the general title Current Population Reports:

- P-20 Population Characteristics
- P-23 Special Studies
- P-60 Consumer Income

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238. Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, \$101 per year (sold as a package only); Population Estimates and Projections, (P-25), \$27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the *Census Catalog and Guide*, the *Monthly Product Announcement* (MPA), and in *Census and You*. Selected reports also may be accessed on the INTERNET at <http://www.census.gov/prod/www/subject.html#pop>

## **Geographic Limitations**

The CPS sample was selected so that specific reliability criteria were met nationally, for each of the 50 States and for the District of Columbia. Since 1985, these reliability criteria have been maintained through periodic additions and deletions in the State samples. Estimates formed for geographic areas identified on the microdata file which are smaller than states are not as reliable.

## Weights

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns for the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The base weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. Almost all sample persons in the same state have the same base weight, but the weights across states are different. Selection probabilities may also differ for some sample areas due to field subsampling, which is done when areas selected for the sample contain many more households than expected. The base weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. **Noninterview adjustment.** The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA". Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of occupied sample households not interviewed fluctuates around 5 percent depending on weather, vacations, etc.
2. **Ratio estimates.** The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:
  - a. *First-stage ratio estimate.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 1990 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).
  - b. *Second-stage ratio estimate.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:
    - 1) 51 state controls of the civilian noninstitutional population 16 years of age and older
    - 2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories

- 3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of Employment and Earnings.

### **Comparability of CPS From Microdata Files With Published Sources**

Although total estimates of the population will equal published estimates, labor force estimates produced from a microdata file will not be directly comparable or identical with the published nonseasonally adjusted labor force data. The major reason for this is due to a final estimation procedure incorporated into the production of the published nonseasonally adjusted data. This procedure, known as a composite estimator, is a weighted average of two estimates for the current month for any particular item. The first estimate is the two-stage ratio estimate that includes all the estimation steps given above. The second estimate consists of the composite estimate for the preceding month to which has been added an estimate of the change from the preceding month, based on that part of the sample which is common to the two months (about 75 percent). This procedure is primarily used to increase the reliability of estimates of month-to-month change, although other reliability gains are also realized. As noted above, the composite estimation procedure does not affect estimates of the total population.

Another factor also inhibits microdata comparison with published labor force data. This is the seasonal adjustment that is applied to many published statistics. This adjustment is used to adjust for normal seasonal variations to help distinguish the underlying economic situation in month-to-month changes.

Shown below are data from January and July 1993 which demonstrate how estimates compiled using the final weights from the microdata file may differ from the published composited estimates, with and without seasonal adjustment. Note that the composite estimation procedure was not used for estimates published from January 1994 to May 1994. For a further description of both the composite estimator and seasonal adjustment, see "Explanatory Notes and Estimates of Error: Household Data - Estimating Methods (Composite Estimation Procedure)" and "Seasonal Adjustment" in any issue of Employment and Earnings.



## Comparison of CPS Estimates from Microdata Files with Published Sources

|  | Civilian<br>Noninstitutional<br>Population | Civilian<br>Labor<br>Force | Employed | Unemployed | Not in<br>Labor<br>Force |
|--|--|----------------------------|----------|------------|--------------------------|
| -----                                      |  |                            |          |            |                          |
| January 1993<br>Data (000's)               |  |                            |          |            |                          |
| Final Weights                              | 192,644                                    | 126,115                    | 116,113  | 10,002     | 66,529                   |
| Composited<br>(Not Seasonally<br>Adjusted) | 192,644                                    | 126,034                    | 116,123  | 9,911      | 66,610                   |
| Composited<br>(Seasonally<br>Adjusted)     | 192,644                                    | 127,083                    | 118,071  | 9,013      | 65,561                   |
| -----                                      |  |                            |          |            |                          |
| July 1993<br>Data (000's)                  |  |                            |          |            |                          |
| Final Weights                              | 193,633                                    | 130,399                    | 121,450  | 8,949      | 63,234                   |
| Composited<br>(Not Seasonally<br>Adjusted) | 193,633                                    | 130,324                    | 121,323  | 9,002      | 63,309                   |
| Composited<br>(Seasonally<br>Adjusted)     | 193,633                                    | 128,070                    | 119,301  | 8,769      | 65,563                   |
| -----                                      |  |                            |          |            |                          |

## ATTACHMENT 3

### OVERVIEW

#### June 2000: Fertility Supplement

##### General

The June 2000 Fertility Supplement was conducted as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey conducted in approximately 48,000 interviewed households across the country. Attachment 9 is a facsimile of the document used by the CPS with June 2000 Fertility Supplement questions. See "Overview-Current Population Survey" (Attachment 3) for a description of the CPS; the following describes the June 2000 Fertility questions asked in the full CPS sample of females 15-44 years old, as applicable.

##### Data Collection

The June 2000 Fertility Supplement questions were asked of all female civilian household members 15-44 years old. Interviews were conducted during the period of June 18-24, 2000. Interviewers were provided with a two-hour home study for completing the basic CPS labor force exercises, supplement exercises, and a practice interview concerning the supplement.

##### Data Processing

The data processing involved a consistency edit and a partial allocation of missing supplement data. The consistency edit was initiated by determining age/sex eligibility. After the appropriate universe designations were established on the edited portion of the person's supplement record, the subsequent items were edited to ensure consistency between items. Allocation of missing supplement data was performed on the Fertility items only. Items with missing values were assigned values, if appropriate. When a response is not obtained for a particular data item, or an inconsistency in reported items is detected, an "imputed" response is entered in the field. Imputation is performed using a "hot deck" method, whereby a response from another sample person with similar demographic and economic characteristics is used for the nonresponse. The imputation procedure is performed one item at a time.

The values and universes for each variable are defined in the supplement record layout (Attachment 8).

##### June 2000 Fertility Computer File

The June 2000 Fertility File consists of two parts: the CPS labor force data and the supplement data.

**The CPS Labor Force Data** The June 2000 CPS file contains 135,488 records. The first 856 characters contain the labor force data for each record. Attachment 7 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.

The variable PRPERTYP (located in positions 161-162 on the CPS Basic Items Record Layout) determines the type of person as follows:

PRPERTYP

- 1 = Child household member (0-14 years old)
- 2 = Adult civilian household member (15+ years old)
- 3 = Adult Armed Forces household member (15+ years old)

The variable HRINTSTA (located in positions 57-58 on the CPS Basic Items Record Layout) determines the interview status of the household.

HRINTSTA

- 1 = Interview
- 2 = Type A Noninterview (These records represent households that were eligible for the June 1998 CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)
- 3 = Type B Noninterview (These records represent sample addresses determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc.)
- 4 = Type C Noninterview (See explanation for Type B above)

By combining the values of PRPERTYP (1-3) and HRINTSTA (2-4), the number of records can be determined.

The values of PRPERTYP are:

|                         | <u>Unweighted Counts</u> |
|-------------------------|--------------------------|
| 1 = Child               | 26929                    |
| 2 = Adult Civilian, 15+ | 94897                    |
| 3 = Adult, Armed Forces | 350                      |

The values of HRINTSTA are:

|                         |        |
|-------------------------|--------|
| 1 = Interview           | 122176 |
| 2 = Type A Noninterview | 3623   |
| 3 = Type B Noninterview | 9190   |
| 4 = Type C Noninterview | 499    |

**June 2000 Fertility Supplement Data** The June supplement data for adults are in locations 857-876. Allocation flags for supplement variables are in locations 871-876. (See Attachment 8)

**Tallying the June 2000 Supplement File** The June 2000 supplement universe includes the full CPS sample comprising all females 15-44 years old.

**Weighting** There is no supplement weight associated with the June 2000 Fertility Supplement. Use the basic CPS weight (PWSSWGT in location 613-622) for tallying individuals on the file.

Attachment 14 is a tally listing of unweighted counts from selected supplement items. Use these totals to ensure that the file is being accessed properly.

**Data Contact** For questions regarding the June 2000 supplement data, call Amara Bachu on (301) 457-2449.

## ATTACHMENT 4

### GLOSSARY

#### Current Population Survey

**Age**-Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 15 years and over for CPS labor force data.

**Allocation Flag**-Each edited item has a corresponding allocation flag indicating the nature of the edit. See the attachment on allocation flags for more information. The second character of the item name is always "X".

**Armed Forces**-Demographic information for Armed Forces members (enumerated in off-base housing or on-base with their families) is included on the CPS data files. No labor force information is collected of Armed Forces members in any month. In March, supplemental data on income are included for Armed Forces members. This is the only month that non-demographic information is included for Armed Forces members.

**Civilian Labor Force**-(See Labor Force.)

**Class of Worker**-This refers to the broad classification of the person's employer. These broad classifications for current jobs are:

- 1) Federal government
- 2) State government
- 3) Local government
- 4) Private industry (including self-employed, incorporated)
- 5) Self-employed (not incorporated)
- 6) Working without pay

**Domain**-The domain for an item is a list or range of its possible values. Note that all unedited items have possible values of -1 (blank), -2 (don't know), and -3 (refused). Since all items have these possible values, they are not shown as valid entries for each item.

**Duration of Unemployment**-Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed are continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the present period of seeking work.

**Earners, Number of**-The file includes all persons 15 years old and over in the household with \$1 or more in wages and salaries, or \$1 or more of a loss in net income from farm or nonfarm self-employment during the preceding year.

**Edited item**-An edited item is allocated or imputed by the processing system. In most cases this means allocating a value where the unedited item contains a value of blank, "don't know", or "refused". The second character of the item name is always "E".

An edited version of an item exists only if that item is processed through the edits. If the edits never deal with a particular item, then that item only has an unedited version.

Since the instrument enforces skip patterns and consistency between many items, the edits are left mainly with the job of allocating missing values. Also, since an interviewer is allowed to "back up" in the interview, there may be "off-path" items filled in the unedited data. The edits also blank these off-path items if an edited version of the items exists.

**Education**-(See Level of School Completed.)

**Employed**-(See Labor Force.)

**Family**-A family is a group of two persons or more (one of whom is the householder) residing together and related by birth, marriage, or adoption. All such persons (including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

**Family Household**-A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives. (See the definition of Family).

**Family Weight**-This weight is used only for tallying family characteristics. In March, the weight on the family record is the March supplement weight of the householder or reference person.

**Final Weight**-Used in tabulating labor force items in all months, including March. The final weight is controlled to independent estimates for:

- 1) States
- 2) Origin, Sex, and Age
- 3) Age, Race, and Sex

This weight should not be used when tabulating March supplement data.

**Full-Time Worker**-Persons on full-time schedules include persons working 35 hours or more, persons who worked 1-34 hours for noneconomic reasons (e.g., illness) and usually work full-time, and persons "with a job but not at work" who usually work full-time.

**Group Quarters**-Group quarters are noninstitutional living arrangements for groups not living in conventional housing units or groups living in housing units containing nine or more persons unrelated to the person in charge.

**Head Versus Householder**-Beginning with the March 1980 CPS, the Bureau of the Census discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" are used.

**Highest Grade of School Attended**-(See Level of School Completed.)

**Hispanic Origin**-Persons of Hispanic origin in this file are determined on the basis of a question that asked for self-identification of the person's origin or descent. Respondents are asked to select their origin (or the origin of some other household member) from a "flash card" listing ethnic origins. Persons of Hispanic origin, in particular, are those who indicated that their origin was Mexican-American, Chicano, Mexican, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic.

**Hours of Work**-Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who is off on the Veterans Day holiday is reported as working 32 hours even though he is paid for the holiday.

For persons working in more than one job, the figures related to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

**Household**-A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live and eat with any other person in the structure, and when there is direct access from the outside or through a common hall. The count of households excludes persons living in group quarters, such as rooming houses, military barracks, and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

**Household Weight**-The household weight is used for tallying household characteristics. In March, the household weight is the March Supplement weight of the householder.

**Householder**-The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented (maintained) or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is owned or rented jointly by a married couple, the householder may be either the husband or the wife. The person designated as the householder is the "reference person" to whom the relationship of all other household members, if any, is recorded.

**Householder With No Other Relatives in Household**-A householder who has no relatives living in the household. This is the entry for a person living alone. Another example is the designated householder of an apartment shared by two or more unrelated individuals.

**Householder With Other Relatives (Including Spouse) in Household**-The person designated as householder if he/she has one or more relatives (including spouse) living in the household.

**Industry, Occupation, and Class of Worker (I&O)-Current Job** (basic data)-For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time). The I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years.

**Job Seekers**-All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week.

**Longitudinal Weight**-Used for gross flows analysis. Only found on adult records matched from month to month.

**PEMLR-(Major Labor Force Recode)**-This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items.

**Labor Force**-Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. *Employed*

Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have a Monthly Labor Force Recode (MLR) of 1 or 2 respectively in characters 180-181 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. *Unemployed*

Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an MLR code of 3 or 4 in characters 180-181 of the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

a. *Job Leavers*

Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

b. *Job Losers*

Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.



c. *New Job Entrants*

Persons who never worked at a full-time job lasting two weeks or longer.

d. *Job Reentrants*

Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

Finally, it should be noted that the unemployment rate represents the number of persons unemployed as a percent of the civilian labor force 16 years old and over. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, etc. The job loser, job leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force 16 years old and over; the sum of the rates for the four groups thus equals the total unemployment rate.

3. *Not in Labor Force*

All civilians 15 years old and over who are not classified as employed or unemployed. These persons are further classified by major activity: retired, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, students and persons keeping house. Persons who report doing unpaid work in a family farm or business for less than 15 hours are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for three previous months and would not be in for the subsequent month.

Persons classified as NILF have an MLR code of 5-7 in characters 180-181 of the person record.

**Layoff**-A person who is unemployed but expects to be called back to a specific job. If he/she expects to be called back within 30 days, it is considered a temporary layoff; otherwise, it is an indefinite layoff.

**Level of School Completed/Degree Received**-These data changed beginning with the January 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received?" replaced the old "Highest grade attended" and "Year completed" questions. The new question provides more accurate data on the degree status of college students. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

**Looking for Work**-A person who is trying to get work or trying to establish a business or profession.

**Marital Status**-The marital status classification identifies four major categories: single (never married), married, widowed, and divorced. These terms refer to the marital status at the time of enumeration.

The category "married" is further divided into "married, civilian spouse present," "married, Armed Force spouse present," "married, spouse absent," "married, Armed Force spouse absent," and "separated." A person is classified as "married, spouse present" if the husband or wife is reported as a member of the household even though he or she may be temporarily absent on business or on vacation, visiting, in a hospital, etc., at the time of the enumeration. Persons reported as "separated" included those with legal separations, those living apart with intentions of obtaining a divorce, and other persons permanently or temporarily estranged from their spouses because of marital discord.

For the purpose of this file, the group "other marital status" includes "widowed and divorced," "separated," and "other married, spouse absent."

**Month-In-Sample**-The term is defined as the number of times a unit is interviewed. Each unit is interviewed eight times during the life of the sample.

**Never Worked**-A person who has never held a full-time civilian job lasting two consecutive weeks or more.

**Nonfamily Householder**-A nonfamily householder (formerly called a primary individual) is a person maintaining a household while living alone or with nonrelatives only.

**Nonworker**-A person who does not do any work in the calendar year preceding the survey.

**Nonrelative of Householder With No Own Relatives in Household**-A nonrelative of the householder who has no relative(s) of his own in the household. This category includes such nonrelatives as a foster child, a ward, a lodger, a servant, or a hired hand, who has no relatives of his own living with him in the household.

**Nonrelative of Householder With Own Relatives (Including Spouse)in Household**-Any household member who is not related to the householder but has relatives of his own in the household; for example, a lodger, his spouse, and their son.

**Other Relative of Householder**-Any relative of the householder other than his spouse or child; for example, father, mother, grandson, daughter-in-law, etc.

**Out Variable**-An instrument-created item that stores the results of another item.

**Own Child**-A child related by birth, marriage, or adoption to the family householder.

**Part-Time, Economic Reasons**-The item includes slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. (See also Full-Time Worker.)

**Part-Time, Other Reasons**-The item includes labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season.

**Part-Time Work**-Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority of the weeks in which he

worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

**Part-Year Work**-Part-year work is classified as less than 50 weeks' work.

**Population Coverage**-Population coverage includes the civilian population of the United States plus approximately 820,000 members of the Armed Forces in the United States living off post or with their families on post but excludes all other members of the Armed Forces. This file excludes inmates of institutions. The labor force and work experience data are not collected for Armed Forces members.

**Processing Recode**-An item calculated by the processing system from a combination of other items in the database. The second character of the item name is always "R".

**Race**-The population is divided into three groups on the basis of race: White, Black, and Other races. The last category includes Indians, Japanese, Chinese, and any other race except White and Black. In most of the published tables, "Other Races" are shown in total population.

**Reentrants**-Persons who previously worked at a full-time job lasting two weeks or longer but who are out of the labor force prior to beginning to look for work.

**Related Children**-Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption. For each type of family unit identified in the CPS, the count of own children under 18 years old is limited to single (never married) children; however, "own children under 25" and "own children of any age," include all children regardless of marital status. The totals include never-married children living away from home in college dormitories.

**Related Subfamily**-A related subfamily is a married couple with or without children, or one parent with one or more own single (never married) children under 18 years old, living in a household and related to, but not including, the householder or spouse. The most common example of a related subfamily is a young married couple sharing the home of the husband's or wife's parents. The number of related subfamilies is not included in the number of families.

**School**-A person who spent most of his time during the survey week attending any kind of public or private school, including trade or vocational schools in which students receive no compensation in money or kind.

**Secondary Individual**-A secondary individual is a person in a household or group quarters such as a guest, roomer, boarder, or resident employee (excluding nonfamily households and inmates of institutions) who is not related to any other person in the household or group quarters.

**Self-Employed**-Self-employed persons are those who work for profit or fees in their own business, profession or trade, or operate a farm.

**Stretches of Unemployment**-A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the period of seeking work.

**Unable to Work**-A person is classified as unable to work because of long-term physical or mental illness, lasting six months or longer.

**Unedited item**-An item that is produced by the CAPI instrument, either collected during the interview or created by the CAPI instrument. The second character of the item name is always "U".

**Unemployed**-(See Labor Force.)

**Unpaid Family Workers**-Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

**Unrelated Individuals**-Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

**Unrelated Subfamily**-An unrelated subfamily is a family that does not include among its members the householder and relatives of the householder. Members of unrelated subfamilies may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated subfamily members is included in the number of household members but is not included in the count of family members.

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies became so small (37,000 in 1967) that beginning with the data for 1968 (and beginning with the census data for 1960) the Bureau of the Census includes persons in these unrelated subfamilies in the count of secondary individuals.

**Veteran Status**-If a male served at any time during the four major wars of this century, the code for the most recent wartime service is entered. The following codes are used:

- 0 Children under 15
- 1 Vietnam era
- 2 Korean
- 3 WWI
- 4 WWII
- 5 Other Service
- 6 Nonveteran

**Wage and Salary Workers**-Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Also included are persons who are self-employed in an incorporated business.

**Workers**-(See Labor Force--Employed.)

**Work Experience**-Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

**Year-Round Full-Time Worker**-A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

## ATTACHMENT 5

### HOW TO USE THE RECORD LAYOUT

Data users familiar with the CPS data files in prior years will see many similarities between the format of this file and those files released before January 1994. As in the past, there are numeric locations on the file which correspond to each variable. There is only one record layout which contains the variables for children, adults, and armed forces members. In prior years, each type of person had a separate record layout.

#### Item Naming Conventions

Ē The first character of each variable name is one of the following:

H - Household item

G - Geography item

\* P - Person item (includes adult items, child items, and armed forces items)

\* There is no need to distinguish adult, child, and armed forces items in the variable names in the new system. The recode **PRPERTYP** (located in positions 161-162) tells you what category the person is in.

Ē The second character of each variable name is one of the following:

E - Edited item

U - Unedited item

X - Allocation flag (see Attachment 16 for more information)

W - Weight

R - Recode

Ē The remaining characters describe the variable.

Ē For multiple entry items, the file contains a separate variable for each possible response. Each item has the same descriptive name but a number is added as the last digit. For example, Question 22A allows separate entries for up to 6 job search methods. The item names are **PELKM1** (this item is edited), **PULKM2**, (this item is unedited), **PULKM3**, etc. These items are located in positions 296-307 of the record layout.

## ATTACHMENT 6

### CHANGES TO CPS PUBLIC USE FILES EFFECTIVE SEPTEMBER 1995

Effective September 1995, a number of revisions were made to the CPS public use files. Most were related to the recent phase-in of a new sample based on the results of the 1990 Census. This phase-in was completed in June 1995. Part of this changeover was the use of new metropolitan area definitions based on the results of the 1990 Decennial Census in selecting the new sample. As such, beginning in September 1995, metropolitan area definitions effective June 30, 1993 will be identified subject to confidentiality restrictions on the CPS public use files. The new variables and their locations are given below.

Concurrent with this revision, several other changes were made to the CPS public use files. The most important of these was the creation of a new set of household identification numbers for the September forward files. Bureau of the Census confidentiality restrictions require that we preclude the possibility of matching any households from data files before and after the September 1995 date. In conjunction with this, the Bureau revised its sample household numbering scheme. These two considerations resulted in the creation of a 15 character household identification number. The location of this number is now in characters 1-15 (previously 1-12) of all non-March files and characters 344-358 (previously 320-331) on the March files.

Also, on non-March files, the following variables changed locations:

| Name     | Old   | Location | New     |
|----------|-------|----------|---------|
| HUINNTYP | 13-14 |          | 16-17   |
| HULENSEC | 15-19 |          | 109-113 |

The other change involves the suppression of several 3-digit occupation codes. Specifically, Codes 003 and 016 (legislators and postmasters, respectively) are collapsed into Code 022, (managers and administrators, N.E.C.) Also, Code 179, (judges) was collapsed into Code 178, (lawyers). None of the changes affected any of the occupation recodes.

|   | NON-MARCH LOCATIONS     |                            | MARCH LOCATIONS         |                        |
|---|-------------------------|----------------------------|-------------------------|------------------------|
| Geographic Variable                             | Prior to September 1995 | September 1995 and Forward | Prior to September 1995 | March 1996 and Forward |
| CMSA FIPS CODE                                  | 94-95                   | 95-96                      | 53-54*                  | 53-54                  |
| METROPOLITAN/<br>NON-<br>METROPOLITAN<br>STATUS | 107-108                 | 105                        | 57                      | 57                     |
| CENTRAL<br>CITY/BALANCE<br>STATUS               | 111-112                 | 104                        | 58                      | 58                     |
| MSA/PMSA SIZE                                   | N/A                     | 107                        | 56*                     | 56                     |
| CMSA/MSA SIZE                                   | 103-104                 | 108                        | 55*                     | 55                     |
| INDIVIDUAL<br>CENTRAL CITY<br>CODE              | 109-110                 | 106                        | 285                     | 285                    |
| FIPS COUNTY<br>CODE                             | N/A                     | 101-103                    | N/A                     | 50-52                  |

\*NOT ON THE MARCH 1995 FILE



# ATTACHMENT 7

## Basic Current Population Survey Record Layout

### A1. HOUSEHOLD INFORMATION

\*\*\*\*\*  
 \* STARTING JANUARY 1998 \*  
 \*\*\*\*\*

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

All items, except those with one character, also can have values of -1, -2, or -3 even if such values are not listed in the documentation. The meanings of these values are as follows:

- 1 Blank or not in universe
- 2 Don't know
- 3 Refused

Most edited items (E or R) in the second character of the item name also can be blank. This means that the record was not in universe for that item.

|        |    |                      |        |
|--------|----|----------------------|--------|
| HRHHID | 15 | HOUSEHOLD IDENTIFIER | 1 - 15 |
|--------|----|----------------------|--------|

EDITED UNIVERSE:  
ALL HHLD's IN SAMPLE

|         |   |                    |       |
|---------|---|--------------------|-------|
| HRMONTH | 2 | MONTH OF INTERVIEW | 16-17 |
|---------|---|--------------------|-------|

EDITED UNIVERSE:  
ALL HHLDs IN SAMPLE

VALID ENTRIES

|    |           |
|----|-----------|
| 01 | MIN VALUE |
| 12 | MAX VALUE |

| NAME    | SIZE | DESCRIPTION       | LOCATION |
|---------|------|-------------------|----------|
| HRYEAR4 | 4    | YEAR OF INTERVIEW | 18-21    |

EDITED UNIVERSE:  
ALL HHLDs IN SAMPLE

VALID ENTRIES

1998 MIN VALUE  
2999 MAX VALUE

\*\*\*\*\*

\* Note: For variables HUINTTYP and \*

\* HURRSCNT, go to positions 65-68 \*

\*\*\*\*\*

|          |   |                                       |         |
|----------|---|---------------------------------------|---------|
| HURESPLI | 2 | LINE NUMBER OF THE CURRENT RESPONDENT | 22 - 23 |
|----------|---|---------------------------------------|---------|

VALID ENTRIES

0 MIN VALUE  
99 MAX VALUE

|         |   |                    |         |
|---------|---|--------------------|---------|
| HUFINAL | 3 | FINAL OUTCOME CODE | 24 - 26 |
|---------|---|--------------------|---------|

OUTCOME CODES BETWEEN 001 AND 200 ARE FOR CATI.  
ALL OTHER OUTCOME CODES ARE FOR CAPI.

VALID ENTRIES

000 NEW INTERVIEW - NOT CONTACTED  
001 FULLY COMPLETE CATI INTERVIEW  
002 PARTIALLY COMPLETED CATI INTERVIEW  
005 LABOR FORCE COMPLETE, SUPPLEMENT INCOMPLETE - CATI  
024 HH OCCUPIED ENTIRELY BY ARMED FORCES MEMBERS  
115 PARTIAL INTERVIEW WITH CALLBACK PLANNED - CATI  
200 NEW INTERVIEW - CONTACTED  
201 CAPI COMPLETE  
202 CALLBACK NEEDED  
203 SUFFICIENT PARTIAL - PRECLOSEOUT  
204 SUFFICIENT PARTIAL - AT CLOSEOUT

| NAME | SIZE | DESCRIPTION   | LOCATION |
|------|------|---|----------|
|      | 205  | LABOR FORCE COMPLETE, - SUPPL.<br>INCOMPLETE - CAPI |          |
|      | 210  | CAPI COMPLETE REINTERVIEW                           |          |
|      | 216  | NO ONE HOME   |          |
|      | 217  | TEMPORARILY ABSENT                                  |          |
|      | 218  | REFUSED   |          |
|      | 219  | OTHER OCCUPIED - SPECIFY                            |          |
|      | 224  | ARMED FORCES OCCUPIED OR UNDER<br>AGE 14            |          |
|      | 225  | TEMP. OCCUPIED W/PERSONS WITH<br>URE                |          |
|      | 226  | VACANT REGULAR                                      |          |
|      | 227  | VACANT - STORAGE OF HHLD<br>FURNITURE               |          |
|      | 228  | UNFIT, TO BE DEMOLISHED                             |          |
|      | 229  | UNDER CONSTRUCTION, NOT READY                       |          |
|      | 230  | CONVERTED TO TEMP BUSINESS OR<br>STORAGE            |          |
|      | 231  | UNOCCUPIED TENT OR TRAILER SITE                     |          |
|      | 232  | PERMIT GRANTED - CONSTRUCTION<br>NOT STARTED        |          |
|      | 233  | OTHER - SPECIFY                                     |          |
|      | 240  | DEMOLISHED  |          |
|      | 241  | HOUSE OR TRAILER MOVED                              |          |
|      | 242  | OUTSIDE SEGMENT                                     |          |
|      | 243  | CONVERTED TO PERM. BUSINESS OR<br>STORAGE           |          |
|      | 244  | MERGED  |          |
|      | 245  | CONDEMNED   |          |
|      | 246  | BUILT AFTER APRIL 1, 1980                           |          |
|      | 247  | UNUSED SERIAL NO./LISTING SHEET<br>LINE             |          |
|      | 248  | OTHER - SPECIFY                                     |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HUSPNISH | 2    | IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER? | 27 - 28  |
|          |      | VALID ENTRIES  |          |
|          |      | 1 SPANISH ONLY LANGUAGE SPOKEN   |          |
| HETENURE | 2    | ARE YOUR LIVING QUARTERS...<br>(READ ANSWER CATEGORIES)  | 29 - 30  |
|          |      | EDITED UNIVERSE:<br>HRINTSTA = 1 OR HUTYPB = 1-3   |          |
|          |      | VALID ENTRIES  |          |
|          |      | 1 OWNED OR BEING BOUGHT BY A HH MEMBER   |          |
|          |      | 2 RENTED FOR CASH  |          |
|          |      | 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT  |          |
| HEHOUSUT | 2    | TYPE OF HOUSING UNIT   | 31 - 32  |
|          |      | EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE  |          |
|          |      | VALID ENTRIES  |          |
|          |      | 0 OTHER UNIT   |          |
|          |      | 1 HOUSE, APARTMENT, FLAT   |          |
|          |      | 2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.  |          |
|          |      | 3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL   |          |
|          |      | 4 HU IN ROOMING HOUSE  |          |
|          |      | 5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED   |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
|          |      | 6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED                             |          |
|          |      | 7 HU NOT SPECIFIED ABOVE   |          |
|          |      | 8 QUARTERS NOT HU IN ROOMING OR BRDING HS  |          |
|          |      | 9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL   |          |
|          |      | 10 UNOCCUPIED TENT SITE OR TRLR SITE   |          |
|          |      | 11 STUDENT QUARTERS IN COLLEGE DORM  |          |
|          |      | 12 OTHER UNIT NOT SPECIFIED ABOVE  |          |
| HETELHHD | 2    | IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?                                      | 33 - 34  |
|          |      | EDITED UNIVERSE:<br>HRINTSTA = 1   |          |
|          |      | VALID ENTRIES  |          |
|          |      | 1 YES  |          |
|          |      | 2 NO   |          |
| HETELAVL | 2    | IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED? | 35 - 36  |
|          |      | EDITED UNIVERSE:<br>HETELHHD = 2   |          |
|          |      | VALID ENTRIES  |          |
|          |      | 1 YES  |          |
|          |      | 2 NO   |          |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| HEPHONEO | 2    | IS A TELEPHONE INTERVIEW ACCEPTABLE?<br><br>EDITED UNIVERSE:<br>HETELHHD = 1 OR HETELAVL = 1<br><br>VALID ENTRIES<br><br>1      YES<br>2      NO  | 37 - 38  |
| HUFAMINC | 2    | FAMILY INCOME<br>(COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.)<br><br>VALID ENTRIES<br><br>1      LESS THAN \$5,000<br>2      5,000 TO 7,499<br>3      7,500 TO 9,999<br>4      10,000 TO 12,499<br>5      12,500 TO 14,999<br>6      15,000 TO 19,999<br>7      20,000 TO 24,999<br>8      25,000 TO 29,999<br>9      30,000 TO 34,999<br>10     35,000 TO 39,999<br>11     40,000 TO 49,999<br>12     50,000 TO 59,999<br>13     60,000 TO 74,999<br>14     75,000 OR MORE | 39 - 40  |

| NAME    | SIZE | DESCRIPTION                                  | LOCATION |
|---------|------|--|----------|
| HUTYPEA | 2    | TYPE A NONINTERVIEW REASON                   | 41 - 42  |
|         |      | VALID ENTRIES                                |          |
|         |      | 1 NO ONE HOME (NOH)                          |          |
|         |      | 2 TEMPORARILY ABSENT (TA)                    |          |
|         |      | 3 REFUSED (REF)                              |          |
|         |      | 4 OTHER OCCUPIED - SPECIFY                   |          |
| HUTYPB  | 2    | TYPE B NON-INTERVIEW REASON                  | 43 - 44  |
|         |      | VALID ENTRIES                                |          |
|         |      | 1 VACANT REGULAR                             |          |
|         |      | 2 TEMPORARILY OCCUPIED BY PERSONS<br>W/URE   |          |
|         |      | 3 VACANT-STORAGE OF HHLD FURNITURE           |          |
|         |      | 4 UNFIT OR TO BE DEMOLISHED                  |          |
|         |      | 5 UNDER CONSTRUCTION, NOT READY              |          |
|         |      | 6 CONVERTED TO TEMP BUSINESS OR<br>STORAGE   |          |
|         |      | 7 UNOCCUPIED TENT SITE OR TRAILER<br>SITE    |          |
|         |      | 8 PERMIT GRANTED CONSTRUCTION NOT<br>STARTED |          |
|         |      | 9 OTHER TYPE B - SPECIFY                     |          |
| HUTYPEC | 2    | TYPE C NON-INTERVIEW REASON                  | 45 - 46  |
|         |      | VALID ENTRIES                                |          |
|         |      | 1 DEMOLISHED                                 |          |
|         |      | 2 HOUSE OR TRAILER MOVED                     |          |
|         |      | 3 OUTSIDE SEGMENT                            |          |
|         |      | 4 CONVERTED TO PERM. BUSINESS OR<br>STORAGE  |          |
|         |      | 5 MERGED                                     |          |
|         |      | 6 CONDEMNED                                  |          |
|         |      | 8 UNUSED LINE OF LISTING SHEET               |          |
|         |      | 9 OTHER - SPECIFY                            |          |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| HWHHWGT  | 10   | HOUSEHOLD WEIGHT<br>(4 IMPLIED DECIMAL PLACES)<br>USED FOR TALLYING HOUSEHOLD<br>CHARACTERISTICS<br><br>EDITED UNIVERSE:<br>HRINTSTA = 1  | 47 - 56  |
| HRINTSTA | 2    | INTERVIEW STATUS<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br>VALID ENTRIES<br><br>1 INTERVIEW<br>2 TYPE A NON-INTERVIEW<br>3 TYPE B NON-INTERVIEW<br>4 TYPE C NON-INTERVIEW | 57 - 58  |
| HRNUMHOU | 2    | TOTAL NUMBER OF PERSONS LIVING<br>IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>16 MAX VALUE        | 59 - 60  |



| NAME    | SIZE | DESCRIPTION    | LOCATION |
|---------|------|----------------|----------|
| HRHTYPE | 2    | HOUSEHOLD TYPE | 61 - 62  |

EDITED UNIVERSE:  
ALL HHLDs IN SAMPLE

VALID ENTRIES

- 0 NON-INTERVIEW HOUSEHOLD
- 1 HUSBAND/WIFE PRIMARY FAMILY  
(NEITHER AF)
- 2 HUSB/WIFE PRIM. FAMILY  
(EITHER/BOTH AF)
- 3 UNMARRIED CIVILIAN MALE-PRIM. FAM  
HHLDER
- 4 UNMARRIED CIV. FEMALE-PRIM FAM  
HHLDER
- 5 PRIMARY FAMILY HHLDER-RP IN AF,  
UNMAR.
- 6 CIVILIAN MALE PRIMARY INDIVIDUAL
- 7 CIVILIAN FEMALE PRIMARY  
INDIVIDUAL
- 8 PRIMARY INDIVIDUAL HHLD-RP IN AF
- 9 GROUP QUARTERS WITH FAMILY
- 10 GROUP QUARTERS WITHOUT FAMILY

|       |   |                 |         |
|-------|---|-----------------|---------|
| HRMIS | 2 | MONTH-IN-SAMPLE | 63 - 64 |
|-------|---|-----------------|---------|

EDITED UNIVERSE:  
ALL HHLDs IN SAMPLE

VALID ENTRIES

- 1 MIN VALUE
- 8 MAX VALUE

| NAME     | SIZE | DESCRIPTION       | LOCATION |
|----------|------|-------------------|----------|
| HUINTTYP | 2    | TYPE OF INTERVIEW | 65-66    |

VALID ENTRIES

|   |                            |
|---|----------------------------|
| 0 | NONINTERVIEW/INDETERMINATE |
| 1 | PERSONAL                   |
| 2 | TELEPHONE                  |

|          |   |  |       |
|----------|---|--|-------|
| HUPRSCNT | 2 | NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS | 67-68 |
|----------|---|--|-------|

VALID ENTRIES

|   |           |
|---|-----------|
| 1 | MIN VALUE |
| 9 | MAX VALUE |

\*\*\*\*\*  
 \* Note: For Variables HRMONTH and \*  
 \* HRYEAR, go to locations 16-21. \*  
 \*\*\*\*\*

|          |   |  |         |
|----------|---|--|---------|
| HRLONGLK | 2 | LONGITUDINAL LINK INDICATOR<br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE | 69 - 70 |
|----------|---|--|---------|

VALID ENTRIES

|   |                                   |
|---|-----------------------------------|
| 0 | MIS 1 OR REPLACEMENT HH (NO LINK) |
| 2 | MIS 2-4 OR MIS 6-8                |
| 3 | MIS 5                             |

|          |   |                   |         |
|----------|---|-------------------|---------|
| HRSAMPLE | 4 | SAMPLE IDENTIFIER | 71 - 74 |
|----------|---|-------------------|---------|

EDITED UNIVERSE:  
ALL HHLDs IN SAMPLE

VALID ENTRIES

|         |            |
|---------|------------|
| A-Z     | 1ST DIGIT  |
| 000-999 | DIGITS 2-4 |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HRSERSUF | 2    | SERIAL SUFFIX<br>IDENTIFIES EXTRA UNITS<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br>VALID ENTRIES<br><br>A-Z   | 75 - 76  |
| HUHHNUM  | 2    | HOUSEHOLD NUMBER<br><br>THE INITIAL HOUSEHOLD RECEIVES A<br>VALUE OF 1, AND SUBSEQUENT REPLACEMENT<br>HOUSEHOLDS INCREASE THE VALUE BY 1.<br><br>VALID ENTRIES<br><br>01 MIN VALUE<br>08 MAX VALUE | 77 - 78  |
| HUBUS    | 2    | DOES ANYONE IN THIS HOUSEHOLD<br>HAVE A BUSINESS OR A FARM?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO  | 79 - 80  |
| HUBUSL1  | 2    | ENTER LINE NUMBER<br>FOR HUBUS = 1<br><br>VALID ENTRIES<br><br>01 MIN VALUE<br>99 MAX VALUE  | 81 - 82  |
| HUBUSL2  | 2    | See BUSL1<br><br>VALID ENTRIES<br><br>1 MIN VALUE<br>99 MAX VALUE  | 83 - 84  |

| NAME    | SIZE | DESCRIPTION   | LOCATION |
|---------|------|---------------|----------|
| HUBUSL3 | 2    | See BUSL1     | 85 - 86  |
|         |      | VALID ENTRIES |          |
|         |      | 1 MIN VALUE   |          |
|         |      | 99 MAX VALUE  |          |
| HUBUSL4 | 2    | See BUSL1     | 87 - 88  |
|         |      | VALID ENTRIES |          |
|         |      | 1 MIN VALUE   |          |
|         |      | 99 MAX VALUE  |          |

| NAME  | SIZE | DESCRIPTION                              | LOCATION                         |
|-------|------|--|----------------------------------|
|       |      | A2. GEOGRAPHIC INFORMATION               |                                  |
| GEREG | 2    | REGION                                   | 89 - 90                          |
|       |      | EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE |                                  |
|       |      | VALID ENTRIES                            |                                  |
|       |      | 1  | NORTHEAST                        |
|       |      | 2  | MIDWEST (FORMERLY NORTH CENTRAL) |
|       |      | 3  | SOUTH                            |
|       |      | 4  | WEST                             |

| NAME    | SIZE | DESCRIPTION       | LOCATION |
|---------|------|-------------------|----------|
| GESTCEN | 2    | CENSUS STATE CODE | 91 - 92  |

EDITED UNIVERSE:  
ALL HHL'D's IN SAMPLE

VALID ENTRIES

|    |    |    |    |
|----|----|----|----|
| 11 | ME | 56 | NC |
| 12 | NH | 57 | SC |
| 13 | VT | 58 | GA |
| 14 | MA | 59 | FL |
| 15 | RI | 61 | KY |
| 16 | CT | 62 | TN |
| 21 | NY | 63 | AL |
| 22 | NJ | 64 | MS |
| 23 | PA | 71 | AR |
| 31 | OH | 72 | LA |
| 32 | IN | 73 | OK |
| 33 | IL | 74 | TX |
| 34 | MI | 81 | MT |
| 35 | WI | 82 | ID |
| 41 | MN | 83 | WY |
| 42 | IA | 84 | CO |
| 43 | MO | 85 | NM |
| 44 | ND | 86 | AZ |
| 45 | SD | 87 | UT |
| 46 | NE | 88 | NV |
| 47 | KS | 91 | WA |
| 51 | DE | 92 | OR |
| 52 | MD | 93 | CA |
| 53 | DC | 94 | AK |
| 54 | VA | 95 | HI |
| 55 | WV |    |    |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| GESTFIPS | 2    | FEDERAL INFORMATION<br>PROCESSING STANDARDS<br>(FIPS) STATE CODE | 93 - 94  |

EDITED UNIVERSE:  
ALL HHL'D's IN SAMPLE

VALID ENTRIES

|    |    |    |    |
|----|----|----|----|
| 01 | AL | 30 | MT |
| 02 | AK | 31 | NE |
| 04 | AZ | 32 | NV |
| 05 | AR | 33 | NH |
| 06 | CA | 34 | NJ |
| 08 | CO | 35 | NM |
| 09 | CT | 36 | NY |
| 10 | DE | 37 | NC |
| 11 | DC | 38 | ND |
| 12 | FL | 39 | OH |
| 13 | GA | 40 | OK |
| 15 | HI | 41 | OR |
| 16 | ID | 42 | PA |
| 17 | IL | 44 | RI |
| 18 | IN | 45 | SC |
| 19 | IA | 46 | SD |
| 20 | KS | 47 | TN |
| 21 | KY | 48 | TX |
| 22 | LA | 49 | UT |
| 23 | ME | 50 | VT |
| 24 | MD | 51 | VA |
| 25 | MA | 53 | WA |
| 26 | MI | 54 | WV |
| 27 | MN | 55 | WI |
| 28 | MS | 56 | WY |
| 29 | MO |    |    |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| 'GECMSA | 2    | <p>CMSA FIPS CODE</p> <p>EDITED UNIVERSE:<br/>ALL HHLD's IN SAMPLE</p> <p>VALID ENTRIES</p> <p>00 NOT IDENTIFIED OR NONMETROPOLITAN<br/>07 MIN VALUE<br/>97 MAX VALUE<br/>SPECIFIC CMSA CODE (SEE SPECIFIC METROPOLITAN IDENTIFIERS)</p>   | 95 - 96   |
| GEMSA   | 4    | <p>MSA/PMSA FIPS CODE</p> <p>EDITED UNIVERSE:<br/>ALL HHLD's IN SAMPLE</p> <p>VALID ENTRIES</p> <p>0000 NOT IDENTIFIED OR NONMETROPOLITAN<br/>0080 MIN VALUE<br/>9360 MAX VALUE<br/>SPECIFIC MSA/PMSA CODE (SEE ATTACHMENT 13)</p>   | 97 - 100  |
| GECO    | 3    | <p>FIPS COUNTY CODE</p> <p>EDITED UNIVERSE:<br/>ALL HHLD's IN SAMPLE</p> <p>VALID ENTRIES</p> <p>000 NOT IDENTIFIED<br/>001-810 SPECIFIC COUNTY CODE (SEE SPECIFIC METROPOLITAN IDENTIFIERS)<br/>NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY.</p> | 101 - 103 |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| GEMSAST  | 1    | CENTRAL CITY/BALANCE STATUS  | 104 - 104 |
|          |      | EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE   |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 CENTRAL CITY   |           |
|          |      | 2 BALANCE  |           |
|          |      | 3 NONMETROPOLITAN  |           |
|          |      | 4 NOT IDENTIFIED   |           |
| GEMETSTA | 1    | METROPOLITAN STATUS  | 105 - 105 |
|          |      | EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE   |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 METROPOLITAN   |           |
|          |      | 2 NONMETROPOLITAN  |           |
|          |      | 3 NOT IDENTIFIED   |           |
| GEINDVCC | 1    | INDIVIDUAL CENTRAL CITY  | 106 - 106 |
|          |      | EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE   |           |
|          |      | VALID ENTRIES  |           |
|          |      | 0 NOT IDENTIFIED, NONMETROPOLITAN,<br>or NOT A CENTRAL CITY  |           |
|          |      | 1-4 SPECIFIC CENTRAL CITY CODE<br>(SEE SPECIFIC METROPOLITAN IDENTIFIERS)<br>NOTE: WHENEVER POSSIBLE THIS CODE<br>IDENTIFIES SPECIFIC CENTRAL CITIES IN<br>AN MSA/PMSA THAT HAVE MULTIPLE<br>CENTRAL CITIES. THIS CODE MUST BE<br>USED IN COMBINATION WITH THE<br>MSA/PMSA FIPS CODE (GEMSA) IN ORDER<br>TO UNIQUELY IDENTIFY A SPECIFIC CITY. |           |

| NAME     | SIZE | DESCRIPTION                               | LOCATION  |
|----------|------|---|-----------|
| GEMSASZ  | 1    | MSA/PMSA SIZE                             | 107 - 107 |
|          |      | EDITED UNIVERSE:<br>ALL HHL'D's IN SAMPLE |           |
|          |      | VALID ENTRIES                             |           |
|          |      | 0 NOT IDENTIFIED OR<br>NONMETROPOLITAN    |           |
|          |      | 2 100,000 - 249,999                       |           |
|          |      | 3 250,000 - 499,999                       |           |
|          |      | 4 500,000 - 999,999                       |           |
|          |      | 5 1,000,000 - 2,499,999                   |           |
|          |      | 6 2,500,000 - 4,999,999                   |           |
|          |      | 7 5,000,000+                              |           |
| GECMSASZ | 1    | CMSA/MSA SIZE                             | 108 - 108 |
|          |      | EDITED UNIVERSE:<br>ALL HHL'D's IN SAMPLE |           |
|          |      | VALID ENTRIES                             |           |
|          |      | 0 NOT IDENTIFIED OR<br>NONMETROPOLITAN    |           |
|          |      | 2 100,000 - 249,999                       |           |
|          |      | 3 250,000 - 499,999                       |           |
|          |      | 4 500,000 - 999,999                       |           |
|          |      | 5 1,000,000 - 2,499,999                   |           |
|          |      | 6 2,500,000 - 4,999,999                   |           |
|          |      | 7 5,000,000+                              |           |
| HULENSEC | 5    | CUMULATIVE INTERVIEW TIME IN SECONDS      | 109 - 113 |
|          |      | EDITED UNIVERSE:<br>ALL HHL'D's IN SAMPLE |           |
|          |      | VALID ENTRIES                             |           |
|          |      | 00000 MIN VALUE                           |           |
|          |      | 99999 MAX VALUE                           |           |

| NAME  | SIZE | DESCRIPTION                                      | LOCATION  |
|---|------|--|-----------|
| A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS         |      |  |           |
| PROLDRRP  | 2    | RELATIONSHIP TO REFERENCE PERSON (RECODE)        | 114 - 115 |
| EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3         |      |  |           |
| VALID ENTRIES                                     |      |  |           |
|   |      | 01 REF PERS WITH OTHER RELATIVES IN HH           |           |
|   |      | 02 REF PERS WITH NO OTHER RELATIVES IN HH        |           |
|   |      | 03 SPOUSE  |           |
|   |      | 04 CHILD   |           |
|   |      | 05 GRANDCHILD                                    |           |
|   |      | 06 PARENT  |           |
|   |      | 07 BROTHER/SISTER                                |           |
|   |      | 08 OTHER RELATIVE                                |           |
|   |      | 09 FOSTER CHILD                                  |           |
|   |      | 10 NON-REL OF REF PER W/OWN RELS IN HH           |           |
|   |      | 11 PARTNER/ROOMMATE                              |           |
|   |      | 12 NON-REL OF REF PER W/NO OWN RELS IN HH        |           |
| SEE LOCATION 118 - 119 FOR AN UNCOLLAPSED VERSION |      |  |           |
| PUPELIG   | 2    | INTERVIEW STATUS OF EACH PERSON IN THE HOUSEHOLD | 116 - 117 |
| VALID ENTRIES                                     |      |  |           |
|   |      | 1 ELIGIBLE FOR INTERVIEW                         |           |
|   |      | 2 LABOR FORCE FULLY COMPLETE                     |           |
|   |      | 3 MISSING LABOR FORCE DATA FOR PERSON            |           |
|   |      | 4 (NOT USED)                                     |           |
|   |      | 5 ASSIGNED IF AGE IS BLANK                       |           |
|   |      | 6 ARMED FORCES MEMBER                            |           |
|   |      | 7 UNDER 15 YEARS OLD                             |           |
|   |      | 8 NOT A HH MEMBER                                |           |
|   |      | 9 DELETED  |           |
|   |      | 10 DECEASED                                      |           |

| NAME     | SIZE | DESCRIPTION                                      | LOCATION  |
|----------|------|--|-----------|
|          |      | 11 END OF LIST                                   |           |
|          |      | 12 AFTER END OF LIST                             |           |
| PERRP    | 2    | RELATIONSHIP TO REFERENCE PERSON                 | 118 - 119 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3        |           |
|          |      | VALID ENTRIES                                    |           |
|          |      | EXPANDED RELATIONSHIP CATEGORIES                 |           |
|          |      | 01 REFERENCE PERSON W/RELS.                      |           |
|          |      | 02 REFERENCE PERSON W/O RELS.                    |           |
|          |      | 03 SPOUSE  |           |
|          |      | 04 CHILD   |           |
|          |      | 05 GRANDCHILD                                    |           |
|          |      | 06 PARENT  |           |
|          |      | 07 BROTHER/SISTER                                |           |
|          |      | 08 OTHER REL. OR REF. PERSON                     |           |
|          |      | 09 FOSTER CHILD                                  |           |
|          |      | 10 NONREL. OF REF. PERSON W/RELS.                |           |
|          |      | 11 NOT USED                                      |           |
|          |      | 12 NONREL. OF REF. PERSON W/O RELS.              |           |
|          |      | 13 UNMARRIED PARTNER W/RELS.                     |           |
|          |      | 14 UNMARRIED PARTNER W/OUT RELS.                 |           |
|          |      | 15 HOUSEMATE/ROOMMATE W/RELS.                    |           |
|          |      | 16 HOUSEMATE/ROOMMATE W/OUT RELS.                |           |
|          |      | 17 ROOMER/BOARDER W/RELS.                        |           |
|          |      | 18 ROOMER/BOARDER W/OUT RELS.                    |           |
|          |      | SEE LOCATION 114 - 115 FOR THE COLLAPSED VERSION |           |
| PEPARENT | 2    | LINE NUMBER OF PARENT                            | 120 - 121 |
|          |      | EDITED UNIVERSE:<br>EVERY PERSON                 |           |
|          |      | VALID ENTRIES                                    |           |
|          |      | -1 NO PARENT                                     |           |
|          |      | 01 MIN VALUE                                     |           |
|          |      | 99 MAX VALUE                                     |           |

| NAME  | SIZE | DESCRIPTION                                 | LOCATION  |
|-------|------|---|-----------|
| PEAGE | 2    | PERSONS AGE AS OF THE<br>END OF SURVEY WEEK | 122 - 123 |

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

0 MIN VALUE  
90 MAX VALUE

|       |   |                  |           |
|-------|---|------------------|-----------|
| PTAGE | 1 | TOP CODE FOR AGE | 124 - 124 |
|-------|---|------------------|-----------|

VALID ENTRIES

0 NO TOP CODE  
1 TOP CODED VALUE FOR AGE

\*\*\*\*\*

\* BEGINS IN APRIL 1996 \*

\*\*\*\*\*

|          |   |                |           |
|----------|---|----------------|-----------|
| PEMARITL | 2 | MARITAL STATUS | 125 - 126 |
|----------|---|----------------|-----------|

EDITED UNIVERSE:  
PEAGE >= 15

VALID ENTRIES

1 MARRIED - SPOUSE PRESENT  
2 MARRIED - SPOUSE ABSENT  
3 WIDOWED  
4 DIVORCED  
5 SEPARATED  
6 NEVER MARRIED

|          |   |                       |           |
|----------|---|-----------------------|-----------|
| PESPOUSE | 2 | LINE NUMBER OF SPOUSE | 127 - 128 |
|----------|---|-----------------------|-----------|

EDITED UNIVERSE:  
PEMARITL = 1

VALID ENTRIES

-1 NO SPOUSE  
01 MIN VALUE  
99 MAX VALUE

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PESEX    | 2    | SEX   | 129 - 130 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3                   |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 MALE  |           |
|          |      | 2 FEMALE  |           |
| PUAFEVER | 2    | DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES? | 131 - 132 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PEAFWHEN | 2    | WHEN DID YOU SERVE?   | 133 - 134 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 2                            |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 VIETNAM ERA (8/64-4/75)                                   |           |
|          |      | 2 KOREAN WAR (6/50-1/55)                                    |           |
|          |      | 3 WORLD WAR II (9/40-7/47)                                  |           |
|          |      | 4 WORLD WAR I (4/17-11/18)                                  |           |
|          |      | 5 OTHER SERVICE (ALL OTHER PERIODS)                         |           |
|          |      | 6 NONVETERAN  |           |
| PEAFNOW  | 2    | ARE YOU NOW IN THE ARMED FORCES                             | 135 - 136 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 2 OR 3                       |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEEDUCA | 2    | HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED | 137 - 138 |

EDITED UNIVERSE:  
PRPERTYP = 2 OR 3

VALID ENTRIES

- 31 LESS THAN 1ST GRADE
- 32 1ST, 2ND, 3RD OR 4TH GRADE
- 33 5TH OR 6TH GRADE
- 34 7TH OR 8TH GRADE
- 35 9TH GRADE
- 36 10TH GRADE
- 37 11TH GRADE
- 38 12TH GRADE NO DIPLOMA
- 39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED)
- 40 SOME COLLEGE BUT NO DEGREE
- 41 ASSOCIATE DEGREE- OCCUPATIONAL/VOCATIONAL
- 42 ASSOCIATE DEGREE-ACADEMIC PROGRAM
- 43 BACHELOR'S DEGREE (EX: BA, AB, BS)
- 44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW)
- 45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM)
- 46 DOCTORATE DEGREE (EX: PhD, EdD)

|        |   |      |           |
|--------|---|------|-----------|
| PERACE | 2 | RACE | 139 - 140 |
|--------|---|------|-----------|

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 1 WHITE
- 2 BLACK
- 3 AMERICAN INDIAN, ALEUT, ESKIMO
- 4 ASIAN OR PACIFIC ISLANDER

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRORIGIN | 2    | ORIGIN OR DESCENT                                    | 141 - 142 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3            |           |
|          |      | VALID ENTRIES  |           |
|          |      | 01 MEXICAN AMERICAN                                  |           |
|          |      | 02 CHICANO   |           |
|          |      | 03 MEXICAN (MEXICANO)                                |           |
|          |      | 04 PUERTO RICAN                                      |           |
|          |      | 05 CUBAN   |           |
|          |      | 06 CENTRAL OR SOUTH AMERICAN                         |           |
|          |      | 07 OTHER SPANISH                                     |           |
|          |      | 08 ALL OTHER   |           |
|          |      | 09 DON'T KNOW  |           |
|          |      | 10 NA  |           |
| PUCHINHH | 2    | CHANGE IN HOUSEHOLD COMPOSITION                      | 143 - 144 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 PERSON ADDED                                       |           |
|          |      | 2 PERSON ADDED - URE                                 |           |
|          |      | 3 PERSON UNDELETED                                   |           |
|          |      | 4 PERSON DIED  |           |
|          |      | 5 DELETED FOR REASON OTHER THAN<br>DEATH             |           |
|          |      | 6 PERSON JOINED ARMED FORCES                         |           |
|          |      | 7 PERSON NO LONGER IN AF                             |           |
|          |      | 9 CHANGE IN DEMOGRAPHIC INFORMATION                  |           |
| PUREFLG  | 2    | FLAG FOR RELATIONSHIP TO THE<br>OWNER OF A BUSINESS. | 145 - 146 |
|          |      | VALID ENTRIES  |           |
|          |      | 0 NOT OWNER OR RELATED TO OWNER                      |           |
|          |      | 1 OWNER OF BUS OR RELATED TO OWNER<br>OF BUS         |           |



| NAME     | SIZE | DESCRIPTION                               | LOCATION  |
|----------|------|---|-----------|
| PULINENO | 2    | PERSON'S LINE NUMBER                      | 147 - 148 |
|          |      | VALID ENTRIES                             |           |
|          |      | 01 MIN VALUE                              |           |
|          |      | 99 MAX VALUE                              |           |
| FILLER   | 2    | FILLER                                    | 149 - 150 |
| PRFAMNUM | 2    | FAMILY NUMBER RECODE                      | 151 - 152 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3 |           |
|          |      | VALID ENTRIES                             |           |
|          |      | 00 NOT A FAMILY MEMBER                    |           |
|          |      | 01 PRIMARY FAMILY MEMBER ONLY             |           |
|          |      | 02 SUBFAMILY NO. 2 MEMBER                 |           |
|          |      | 03 SUBFAMILY NO. 3 MEMBER                 |           |
|          |      | 04 SUBFAMILY NO. 4 MEMBER                 |           |
|          |      | 05 SUBFAMILY NO. 5 MEMBER                 |           |
|          |      | 06 SUBFAMILY NO. 6 MEMBER                 |           |
|          |      | 07 SUBFAMILY NO. 7 MEMBER                 |           |
|          |      | 08 SUBFAMILY NO. 8 MEMBER                 |           |
|          |      | 09 SUBFAMILY NO. 9 MEMBER                 |           |
|          |      | 10 SUBFAMILY NO. 10 MEMBER                |           |
|          |      | 11 SUBFAMILY NO. 11 MEMBER                |           |
|          |      | 12 SUBFAMILY NO. 12 MEMBER                |           |
|          |      | 13 SUBFAMILY NO. 13 MEMBER                |           |
|          |      | 14 SUBFAMILY NO. 14 MEMBER                |           |
|          |      | 15 SUBFAMILY NO. 15 MEMBER                |           |
|          |      | 16 SUBFAMILY NO. 16 MEMBER                |           |
|          |      | 17 SUBFAMILY NO. 17 MEMBER                |           |
|          |      | 18 SUBFAMILY NO. 18 MEMBER                |           |
|          |      | 19 SUBFAMILY NO. 19 MEMBER                |           |

| NAME     | SIZE | DESCRIPTION                                  | LOCATION  |
|----------|------|--|-----------|
| PRFAMREL | 2    | FAMILY RELATIONSHIP RECODE                   | 153 - 154 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3    |           |
|          |      | VALID ENTRIES                                |           |
|          |      | 0 NOT A FAMILY MEMBER                        |           |
|          |      | 1 REFERENCE PERSON                           |           |
|          |      | 2 SPOUSE                                     |           |
|          |      | 3 CHILD                                      |           |
|          |      | 4 OTHER RELATIVE (PRIMARY FAMILY &<br>UNREL) |           |
| PRFAMTYP | 2    | FAMILY TYPE RECODE                           | 155 - 156 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3    |           |
|          |      | VALID ENTRIES                                |           |
|          |      | 1 PRIMARY FAMILY                             |           |
|          |      | 2 PRIMARY INDIVIDUAL                         |           |
|          |      | 3 RELATED SUBFAMILY                          |           |
|          |      | 4 UNRELATED SUBFAMILY                        |           |
|          |      | 5 SECONDARY INDIVIDUAL                       |           |
| PRHSPNON | 2    | HISPANIC OR NON-HISPANIC                     | 157 - 158 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3    |           |
|          |      | VALID ENTRIES                                |           |
|          |      | 1 HISPANIC                                   |           |
|          |      | 2 NON-HIPSANIC                               |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRMARSTA | 2    | MARITAL STATUS BASED ON<br>ARMED FORCES PARTICIPATION | 159 - 160 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 2 OR 3                 |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 MARRIED, CIVILIAN SPOUSE PRESENT                    |           |
|          |      | 2 MARRIED, ARMED FORCES SPOUSE<br>PRESENT             |           |
|          |      | 3 MARRIED, SPOUSE ABSENT (EXC.<br>SEPARATED)          |           |
|          |      | 4 WIDOWED   |           |
|          |      | 5 DIVORCED  |           |
|          |      | 6 SEPARATED   |           |
|          |      | 7 NEVER MARRIED                                       |           |
| PRPERTYP | 2    | TYPE OF PERSON RECORD RECODE                          | 161 - 162 |
|          |      | EDITED UNIVERSE:<br>ALL HOUSEHOLD MEMBERS             |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 CHILD HOUSEHOLD MEMBER                              |           |
|          |      | 2 ADULT CIVILIAN HOUSEHOLD MEMBER                     |           |
|          |      | 3 ADULT ARMED FORCES HOUSEHOLD<br>MEMBER              |           |
| PENATVTY | 3    | COUNTRY OF BIRTH                                      | 163 - 165 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3             |           |
|          |      | VALID ENTRIES   |           |
|          |      | 057 UNITED STATES                                     |           |
|          |      | 072 PUERTO RICO                                       |           |
|          |      | 096 U.S. OUTLYING AREA                                |           |
|          |      | 100-554 FOREIGN COUNTRY OR AT SEA                     |           |
|          |      | 555 ABROAD, COUNTRY NOT KNOWN                         |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEMNTVTY | 3    | MOTHER'S COUNTRY OF BIRTH                              | 166 - 168 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3              |           |
|          |      | VALID ENTRIES  |           |
|          |      | 057 UNITED STATES                                      |           |
|          |      | 072 PUERTO RICO  |           |
|          |      | 096 U.S. OUTLYING AREA                                 |           |
|          |      | 100-554 FOREIGN COUNTRY OR AT SEA                      |           |
|          |      | 555 ABROAD, COUNTRY NOT KNOWN                          |           |
| PEFNTVTY | 3    | FATHER'S COUNTRY OF BIRTH                              | 169 - 171 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3              |           |
|          |      | VALID ENTRIES  |           |
|          |      | 057 UNITED STATES                                      |           |
|          |      | 072 PUERTO RICO  |           |
|          |      | 096 U.S. OUTLYING AREA                                 |           |
|          |      | 100-554 FOREIGN COUNTRY OR AT SEA                      |           |
|          |      | 555 ABROAD, COUNTRY NOT KNOWN                          |           |
| PRCITSHP | 2    | CITIZENSHIP STATUS                                     | 172 - 173 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3              |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 NATIVE, BORN IN THE UNITED STATES                    |           |
|          |      | 2 NATIVE, BORN IN PUERTO RICO OR<br>U.S. OUTLYING AREA |           |
|          |      | 3 NATIVE, BORN ABROAD OF AMERICAN<br>PARENT OR PARENTS |           |
|          |      | 4 FOREIGN BORN, U.S. CITIZEN BY<br>NATURALIZATION      |           |
|          |      | 5 FOREIGN BORN, NOT A CITIZEN OF THE<br>UNITED STATES  |           |

| NAME     | SIZE | DESCRIPTION                 | LOCATION  |
|----------|------|-----------------------------|-----------|
| PRCITFLG | 2    | CITIZENSHIP ALLOCATION FLAG | 174 - 175 |

EDITED UNIVERSE:  
 PRPERTYP = 1, 2, OR 3

(SEE ALLOCATION FLAGS FOR VALUES)  
 Placed in this position because naming convention is different from all other allocation flags.

|          |   |                           |           |
|----------|---|---------------------------|-----------|
| PRINUSYR | 2 | IMMIGRANT'S YEAR OF ENTRY | 176 - 177 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE:  
 PRCITSHP = 2, 3, 4, OR 5

VALID ENTRIES

- 1 NOT IN UNIVERSE (BORN IN U.S.)
- 00 NOT FOREIGN BORN
- 01 BEFORE 1950
- 02 1950-1959
- 03 1960-1964
- 04 1965-1969
- 05 1970-1974
- 06 1975-1979
- 07 1980-1981
- 08 1982-1983
- 09 1984-1985
- 10 1986-1987
- 11 1988-1989
- 12 1990-1991
- 13 1992-1993
- 14 1994-1995
- 15 1996-1998

\*\*\*\*\*

\* STARTING JANUARY 1999 \*

\*\*\*\*\*

15 1996-1999

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

\*\*\*\*\*  
 \* STARTING JANUARY 2000 \*  
 \*\*\*\*\*

|    |           |
|----|-----------|
| 15 | 1996-1997 |
| 16 | 1998-2000 |

\*\*\*\*\*  
 \* STARTING JANUARY 2001 \*  
 \*\*\*\*\*

|    |      |
|----|------|
| 16 | 1998 |
|----|------|

\*\*\*\*\*  
 \* STARTING JANUARY 2002 \*  
 \*\*\*\*\*

|    |           |
|----|-----------|
| 16 | 1998-1999 |
| 17 | 2000-2002 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | A4. PERSONS INFORMATION LABOR FORCE ITEMS                             |           |
| PUSLFPRX | 2    | LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE           | 178 - 179 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 SELF  |           |
|          |      | 2 PROXY   |           |
|          |      | 3 BOTH SELF AND PROXY   |           |
| PEMLR    | 2    | MONTHLY LABOR FORCE RECODE EDITED UNIVERSE:<br>PRPERTYP = 2           | 180 - 181 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 EMPLOYED-AT WORK  |           |
|          |      | 2 EMPLOYED-ABSENT   |           |
|          |      | 3 UNEMPLOYED-ON LAYOFF  |           |
|          |      | 4 UNEMPLOYED-LOOKING  |           |
|          |      | 5 NOT IN LABOR FORCE-RETIRED  |           |
|          |      | 6 NOT IN LABOR FORCE-DISABLED   |           |
|          |      | 7 NOT IN LABOR FORCE-OTHER  |           |
| PUWK     | 2    | LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)?          | 182 - 183 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
|          |      | 3 RETIRED   |           |
|          |      | 4 DISABLED  |           |
|          |      | 5 UNABLE TO WORK  |           |
| PUBUS1   | 2    | LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM? | 184 - 185 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUBUS2OT | 2    | DO YOU RECEIVE ANY PAYMENTS<br>OR PROFITS FROM THE BUSINESS?                 | 186 - 187 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PUBUSCK1 | 2    | CHECK ITEM 1<br>FILTER FOR QUESTIONS ON UNPAID WORK                          | 188 - 189 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 GOTO PUBUS1  |           |
|          |      | 2 GOTO PURETCK1  |           |
| PUBUSCK2 | 2    | CHECK ITEM 2<br>SKIPS OWNERS OF FAMILY BUSINES WHO DID<br>NOT WORK LAST WEEK | 190 - 191 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 GOTO PUHRUSL1  |           |
|          |      | 2 GOTO PUBUS2  |           |
| PUBUSCK3 | 2    | CHECK ITEM 3   | 192 - 193 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 GOTO PUABSRSN  |           |
|          |      | 2 GOTO PULAY   |           |
| PUBUSCK4 | 2    | CHECK ITEM 4   | 194 - 195 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 GOTO PUHRUSL1  |           |
|          |      | 2 GOTO PUABSPD   |           |



| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PURETOT | 2    | <p>RETIREMENT STATUS<br/>(LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?)</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO<br/>3 WAS NOT RETIRED LAST MONTH</p>  | 196 - 197 |
| PUDIS   | 2    | <p>DISABILITY STATUS<br/>(LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS?</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO<br/>3 DID NOT HAVE DISABILITY LAST MONTH</p>                 | 198 - 199 |
| PERET1  | 2    | <p>DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME?</p> <p>EDITED UNIVERSE:<br/>PEMLR = 5 AND (PURETOT = 1 OR (PUWK = 3 AND PEAGE &gt;= 50) OR (PUABS = 3 AND PEAGE &gt;= 50) OR (PULAY = 3 AND PEAGE &gt;= 50))</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO<br/>3 HAS A JOB</p> | 200 - 201 |
| PUDIS1  | 2    | <p>DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO</p>  | 202 - 203 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUDIS2   | 2    | DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? | 204 - 205 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PUABSOT  | 2    | LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?   | 206 - 207 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
|          |      | 3 RETIRED  |           |
|          |      | 4 DISABLED   |           |
|          |      | 5 UNABLE TO WORK   |           |
| PULAY    | 2    | LAST WEEK, WERE YOU ON LAYOFF FROM A JOB?  | 208 - 209 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
|          |      | 3 RETIRED  |           |
|          |      | 4 DISABLED   |           |
|          |      | 5 UNABLE TO WORK   |           |
| PEABSRSN | 2    | WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK?   | 210 - 211 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 2  |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 ON LAYOFF  |           |
|          |      | 2 SLACK WORK/BUSINESS CONDITIONS   |           |
|          |      | 3 WAITING FOR A NEW JOB TO BEGIN   |           |
|          |      | 4 VACATION/PERSONAL DAYS   |           |
|          |      | 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS  |           |
|          |      | 6 CHILD CARE PROBLEMS  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 7 OTHER FAMILY/PERSONAL OBLIGATION                                     |           |
|          |      | 8 MATERNITY/PATERNITY LEAVE  |           |
|          |      | 9 LABOR DISPUTE  |           |
|          |      | 10 WEATHER AFFECTED JOB  |           |
|          |      | 11 SCHOOL/TRAINING   |           |
|          |      | 12 CIVIC/MILITARY DUTY   |           |
|          |      | 13 DOES NOT WORK IN THE BUSINESS                                       |           |
|          |      | 14 OTHER (SPECIFY)   |           |
| PEABSPDO | 2    | ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK? | 212 - 213 |
|          |      | EDITED UNIVERSE:<br>PEABSRN = 4-12, 14                                 |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PEMJOT   | 2    | DO YOU HAVE MORE THAN ONE JOB?   | 214 - 215 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1, 2                                       |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PEMJNUM  | 2    | ALTOGETHER, HOW MANY JOBS DID YOU HAVE?                                | 216 - 217 |
|          |      | EDITED UNIVERSE:<br>PEMJOT = 1   |           |
|          |      | VALID ENTRIES  |           |
|          |      | 2 2 JOBS   |           |
|          |      | 3 3 JOBS   |           |
|          |      | 4 4 OR MORE JOBS   |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEHRUSL1 | 2    | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB?<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2<br><br>VALID ENTRIES<br><br>-4 HOURS VARY<br>0 MIN VALUE<br>99 MAX VALUE   | 218 - 219 |
| PEHRUSL2 | 2    | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOB)?<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 AND PEMLR = 1 OR 2<br><br>VALID ENTRIES<br><br>-4 HOURS VARY<br>0 MIN VALUE<br>99 MAX VALUE | 220 - 221 |
| PEHRFTPT | 2    | DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?<br><br>EDITED UNIVERSE:<br>PEHRUSL1 = -4 OR PEHRUSL2 = -4<br>VALID ENTRIES<br><br>1 YES<br>2 NO<br>3 HOURS VARY   | 222 - 223 |
| PEHRUSLT | 3    | SUM OF HRUSL1 AND HRUSL2.<br><br>EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br><br>VALID ENTRIES<br><br>-4 VARIES<br>0 MIN VALUE<br>198 MAX VALUE  | 224 - 226 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEHRWANT | 2    | DO YOU WANT TO WORK A FULL-TIME<br>WORKWEEK OF 35 HOURS OR MORE PER<br>WEEK?<br><br>EDITED UNIVERSE:<br>PEMLR = 1 AND<br>(PEHRUSLT = 0-34<br>PEHRFTPT = 2)<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO<br>3 REGULAR HOURS ARE FULL-TIME  | 227 - 228 |
| PEHRRSN1 | 2    | WHAT IS YOUR MAIN REASON FOR<br>WORKING PART-TIME?<br><br>EDITED UNIVERSE:<br>PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT <<br>35)<br>VALID ENTRIES<br><br>1 SLACK WORK/BUSINESS CONDITIONS<br>2 COULD ONLY FIND PART-TIME WORK<br>3 SEASONAL WORK<br>4 CHILD CARE PROBLEMS<br>5 OTHER FAMILY/PERSONAL<br>OBLIGATIONS<br>6 HEALTH/MEDICAL LIMITATIONS<br>7 SCHOOL/TRAINING<br>8 RETIRED/SOCIAL SECURITY LIMIT ON<br>EARNINGS<br>9 FULL-TIME WORKWEEK IS LESS THAN<br>35 HRS<br>10 OTHER - SPECIFY | 229 - 230 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRRSN2 | 2    | <p>WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?</p> <p>EDITED UNIVERSE:<br/>PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT &lt; 35)</p> <p>VALID ENTRIES</p> <ol style="list-style-type: none"> <li>1 CHILD CARE PROBLEMS</li> <li>2 OTHER FAMILY/PERSONAL OBLIGATIONS</li> <li>3 HEALTH/MEDICAL LIMITATIONS</li> <li>4 SCHOOL/TRAINING</li> <li>5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS</li> <li>6 FULL-TIME WORKWEEK LESS THAN 35 HOURS</li> <li>7 OTHER - SPECIFY</li> </ol>   | 231 - 232 |
| PEHRRSN3 | 2    | <p>WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK?</p> <p>EDITED UNIVERSE:<br/>PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+)</p> <p>VALID ENTRIES</p> <ol style="list-style-type: none"> <li>1 SLACK WORK/BUSINESS CONDITIONS</li> <li>2 SEASONAL WORK</li> <li>3 JOB STARTED OR ENDED DURING WEEK</li> <li>4 VACATION/PERSONAL DAY</li> <li>5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT</li> <li>6 HOLIDAY (LEGAL OR RELIGIOUS)</li> <li>7 CHILD CARE PROBLEMS</li> <li>8 OTHER FAMILY/PERSONAL OBLIGATIONS</li> <li>9 LABOR DISPUTE</li> <li>10 WEATHER AFFECTED JOB</li> <li>11 SCHOOL/TRAINING</li> <li>12 CIVIC/MILITARY DUTY</li> <li>13 OTHER REASON</li> </ol> | 233 - 234 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUHROFF1 | 2    | LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY? | 235 - 236 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PUHROFF2 | 2    | HOW MANY HOURS DID YOU TAKE OFF?   | 237 - 238 |
|          |      | VALID ENTRIES  |           |
|          |      | 0 MIN VALUE  |           |
|          |      | 99 MAX VALUE   |           |
| PUHROT1  | 2    | LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK?                           | 239 - 240 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PUHROT2  | 2    | HOW MANY ADDITIONAL HOURS DID YOU WORK?  | 241 - 242 |
|          |      | VALID ENTRIES  |           |
|          |      | 0 MIN VALUE  |           |
|          |      | 99 MAX VALUE   |           |
| PEHRACT1 | 2    | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB?   | 243 - 244 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1  |           |
|          |      | VALID ENTRIES  |           |
|          |      | 0 MIN VALUE  |           |
|          |      | 99 MAX VALUE   |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRACT2 | 2    | <p>LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS)</p> <p>EDITED UNIVERSE:<br/>PEMLR = 1 AND PEMJOT = 1</p> <p>VALID ENTRIES</p> <p>0      MIN VALUE<br/>99     MAX VALUE</p>                                      | 245 - 246 |
| PEHRACTT | 3    | <p>SUM OF PEHRACT1 AND PEHRACT2.</p> <p>EDITED UNIVERSE:<br/>PEMLR = 1</p> <p>VALID ENTRIES</p> <p>0      MIN VALUE<br/>198    MAX VALUE</p>  | 247 - 249 |
| PEHRAVL  | 2    | <p>LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?</p> <p>EDITED UNIVERSE:<br/>PEHRACTT = 1-34 (PEMLR = 1 AND PEHRUSLT &lt; 35 AND PEHRRSN1 = 1, 2, 3)</p> <p>VALID ENTRIES</p> <p>1      YES<br/>2      NO</p> | 250 - 251 |
| PULBHSEC | 5    | <p>TOTAL SECONDS TO COMPLETE LABOR FORCE ITEMS.</p> <p>VALID ENTRIES</p> <p>00000 MIN VALUE<br/>99999 MAX VALUE</p>   | 252 - 256 |



| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUHRCK1 | 2    | CHECK ITEM 1  | 257 - 258 |
|         |      | VALID ENTRIES   |           |
|         |      | 1 GOTO PUHRUSL2   |           |
|         |      | 2 GOTO PUHRUSLT   |           |
| PUHRCK2 | 2    | CHECK ITEM 2<br>SKIPS PERSONS RESPONDING YES TO<br>HRFTPT OUT OF PT SERIES  | 259 - 260 |
|         |      | VALID ENTRIES   |           |
|         |      | 1 IF ENTRY OF 1 IN MJ AND<br>ENTRY OF D, R OR V IN HRUSL1<br>AND ENTRY OF D, R, V OR 0-34<br>IN HRUSL2 GOTO HRFTPT                |           |
|         |      | 2 IF ENTRY OF 1 IN MJ AND ENTRY<br>OF D, R OR V IN HRUSL2 AND<br>ENTRY OF D, R V OR 0-34 IN<br>HRUSL1 GOTO HRFTPT                 |           |
|         |      | 3 IF ENTRY OF 2, D OR R IN MJ<br>AND ENTRY OF D, R OR V IN HRUSL1<br>GOTO HRFTPT  |           |
|         |      | 4 IF ENTRY OF 1 IN BUS1 AND ENTRY<br>OF D, R OR V IN HRUSL1 THEN<br>GOTO HRFTPT   |           |
|         |      | 5 ALL OTHERS GOTO HRCK3-C   |           |
| PUHRCK3 | 2    | CHECK ITEM 3  | 261 - 262 |
|         |      | VALID ENTRIES   |           |
|         |      | 1 IF ENTRY OF 1 IN ABSOT OR<br>(ENTRY OR 2 IN ABSOT AND<br>ENTRY OF 1 IN BUS AND CURRENT<br>R_P EQUALS BUSLST) THEN GOTO<br>HRCK8 |           |
|         |      | 2 IF ENTRY OF 3 IN RET1 GOTO HRCK8  |           |
|         |      | 3 IF ENTRY IN HRUSLT IS 0-34 HOURS<br>GOTO HRCK4-C  |           |
|         |      | 4 IF ENTRY IN HRUSLT IS 35+ GOTO<br>HROFF1  |           |
|         |      | 5 ALL OTHERS GOTO HRCK4-C   |           |
|         |      | 6 GOTO PUHRCK4  |           |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PUHRCK4 | 2    | CHECK ITEM 4   | 263 - 264 |
|         |      | VALID ENTRIES  |           |
|         |      | 1 IF ENTRY OF 1, D, R OR V<br>IN HRFTPT THEN GOTO HRACT1   |           |
|         |      | 2 IF ENTRY OF 2, D OR R IN BUS2<br>THEN GOTO HROFF1  |           |
|         |      | 3 IF HRUSLT IS 0-34 THEN GOTO<br>HRWANT  |           |
|         |      | 4 IF ENTRY OF 2 IN HRFTPT THEN GOTO<br>HRWANT  |           |
|         |      | 5 ALL OTHERS GOTO HRACT1   |           |
| PUHRCK5 | 2    | CHECK ITEM 5   | 265 - 266 |
|         |      | VALID ENTRIES  |           |
|         |      | 1 IF ENTRY OF 1 IN MJOT GOTO HRACT2  |           |
|         |      | 2 ALL OTHERS GOTO HRCK6-C  |           |
| PUHRCK6 | 2    | CHECK ITEM 6   | 267 - 268 |
|         |      | VALID ENTRIES  |           |
|         |      | 1 IF HRACT1 AND HRACT2 EQ 0 AND<br>ENTRY OF 2, D, R IN BUS2 THEN<br>GOTO LK  |           |
|         |      | 2 IF HRACT1 AND HRACT2 EQ 0 THEN<br>STORE 1 IN ABSOT AND GOTO ABSRSN   |           |
|         |      | 3 ALL OTHERS GOTO HRACTT-C   |           |
| PUHRCK7 | 2    | CHECK ITEM 7   | 269 - 270 |
|         |      | VALID ENTRIES  |           |
|         |      | 1 (IF ENTRY OF 2, D OR R IN BUS2)<br>AND (HRACT1 LESS THAN 15 OR D)<br>GOTO HRCK8  |           |
|         |      | 2 (IF ENTRY OF 2, D OR R IN BUS2)<br>AND (HRACT1 IS 15+) GOTO HRCK8  |           |
|         |      | 3 (IF HRUSLT IS 35+ OR IF ENTRY OF<br>1 IN HRFTPT) AND (HRACTT < 35)<br>AND ENTRY IN HRACT1 OR HRACT2<br>ISN'T D OR R THEN GOTO HRRSN3 |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 4 IF ENTRY OF 1 IN HRWANT AND<br>HRACTT < 35 AND (ENTRY OF 1, 2, 3<br>IN HRRSN1) GOTO HRAVL<br>5 ALL OTHERS GOTO HRCK8 |           |
| PUHRCK12 | 2    | CHECK ITEM 12  | 271 - 272 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 IF ENTRY OF 2, D OR R IN BUS2<br>AND HRACTT IS LESS THAN 15<br>OR D GOTO LK  |           |
|          |      | 2 ALL OTHERS GOTO IOCK1  |           |
| PULAYDT  | 2    | HAS YOUR EMPLOYER GIVEN YOU A DATE<br>TO RETURN TO WORK?   | 273 - 274 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PULAY6M  | 2    | HAVE YOU BEEN GIVEN ANY INDICATION<br>THAT YOU WILL BE RECALLED TO WORK WITHIN<br>THE NEXT 6 MONTHS?                   | 275 - 276 |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PELAYAVL | 2    | COULD YOU HAVE RETURNED TO WORK<br>LAST WEEK IF YOU HAD BEEN RECALLED?   | 277 - 278 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 3  |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PULAYAVR | 2    | WHY IS THAT?<br><br>VALID ENTRIES<br><br>1 OWN TEMPORARY ILLNESS<br>2 GOING TO SCHOOL<br>3 OTHER   | 279 - 280 |
| PELAYLK  | 2    | EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS.<br><br>EDITED UNIVERSE:<br>PELAYAVL= 1, 2<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 281 - 282 |
| PELAYDUR | 3    | DURATION OF LAYOFF<br><br>EDITED UNIVERSE:<br>PELAYLK = 1, 2<br><br>VALID ENTRIES<br><br>1 MIN VALUE<br>260 MAX VALUE  | 283 - 285 |
| PELAYFTO | 2    | FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM<br><br>EDITED UNIVERSE:<br>PELAYDUR = 0-120<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO                                      | 286 - 287 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PULAYCK1 | 2    | CHECK ITEM 1  | 288 - 289 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 GOTO PULAYCK3   |           |
|          |      | 2 GOTO PULAYFT  |           |
|          |      | 3 GOTO PULAYDR  |           |
| PULAYCK2 | 2    | CHECK ITEM 2<br>SCREEN FOR DEPENDENT LAYOFF                           | 290 - 291 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 GOTO PULAYDR3   |           |
|          |      | 2 GOTO PULAYFT  |           |
| PULAYCK3 | 2    | CHECK ITEM 3<br>FILTER FOR DEPENDENT I & O                            | 292 - 293 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 MISCK = 5 GOTO IO1INT   |           |
|          |      | 2 I-ICR = 1 OR I-OCR = 1, GOTO<br>IO1INT                              |           |
|          |      | 3 ALL OTHERS GOTO SCHCK   |           |
| PULK     | 2    | HAVE YOU BEEN DOING ANYTHING TO FIND<br>WORK DURING THE LAST 4 WEEKS? | 294 - 295 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
|          |      | 3 RETIRED   |           |
|          |      | 4 DISABLED  |           |
|          |      | 5 UNABLE TO WORK  |           |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PELKM1 | 2    | WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) | 296 - 297 |
|        |      | EDITED UNIVERSE:<br>PEMLR = 4   |           |
|        |      | VALID ENTRIES   |           |
|        |      | 1 CONTACTED EMPLOYER<br>DIRECTLY/INTERVIEW  |           |
|        |      | 2 CONTACTED PUBLIC EMPLOYMENT<br>AGENCY   |           |
|        |      | 3 CONTACTED PRIVATE EMPLOYMENT<br>AGENCY  |           |
|        |      | 4 CONTACTED FRIENDS OR RELATIVES  |           |
|        |      | 5 CONTACTED SCHOOL/UNIVERSITY<br>EMPL CENTER  |           |
|        |      | 6 SENT OUT RESUMES/FILLED OUT<br>APPLICATION  |           |
|        |      | 7 CHECKED UNION/PROFESSIONAL<br>REGISTERS   |           |
|        |      | 8 PLACED OR ANSWERED ADS  |           |
|        |      | 9 OTHER ACTIVE  |           |
|        |      | 10 LOOKED AT ADS  |           |
|        |      | 11 ATTENDED JOB TRAINING<br>PROGRAMS/COURSES  |           |
|        |      | 12 NOTHING  |           |
|        |      | 13 OTHER PASSIVE  |           |
| PULKM2 | 2    | ANYTHING ELSE? (SECOND METHOD)  | 298 - 299 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER  
DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES

| NAME   | SIZE | DESCRIPTION                               | LOCATION  |
|--------|------|---|-----------|
|        |      | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER |           |
|        |      | 6 SENT OUT RESUMES/FILLED OUT APPLICATION |           |
|        |      | 7 CHECKED UNION/PROFESSIONAL REGISTERS    |           |
|        |      | 8 PLACED OR ANSWERED ADS                  |           |
|        |      | 9 OTHER ACTIVE                            |           |
|        |      | 10 LOOKED AT ADS                          |           |
|        |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES |           |
|        |      | 13 OTHER PASSIVE                          |           |
| PULKM3 | 2    | SAME AS PULKM2 (THIRD METHOD)             | 300 - 301 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| NAME   | SIZE | DESCRIPTION                    | LOCATION  |
|--------|------|--------------------------------|-----------|
| PULKM4 | 2    | SAME AS PULKM2 (FOURTH METHOD) | 302 - 303 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER  
DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY  
EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT  
APPLICATION
- 7 CHECKED UNION/PROFESSIONAL  
REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING  
PROGRAMS/COURSES
- 13 OTHER PASSIVE

|        |   |                               |           |
|--------|---|-------------------------------|-----------|
| PULKM5 | 2 | SAME AS PULKM2 (FIFTH METHOD) | 304 - 305 |
|--------|---|-------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER  
DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY  
EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT  
APPLICATION
- 7 CHECKED UNION/PROFESSIONAL  
REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE



| NAME   | SIZE | DESCRIPTION                               | LOCATION  |
|--------|------|---|-----------|
|        |      | 10 LOOKED AT ADS                          |           |
|        |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES |           |
|        |      | 13 OTHER PASSIVE                          |           |
| PULKM6 | 2    | SAME AS PULKM2 (SIXTH METHOD)             | 306 - 307 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |  |           |
|---------|---|--|-----------|
| PULKDK1 | 2 | YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD) | 308 - 309 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION

| NAME    | SIZE | DESCRIPTION                                  | LOCATION  |
|---------|------|--|-----------|
|         |      | 7 CHECKED UNION/PROFESSIONAL<br>REGISTERS    |           |
|         |      | 8 PLACED OR ANSWERED ADS                     |           |
|         |      | 9 OTHER ACTIVE                               |           |
|         |      | 10 LOOKED AT ADS                             |           |
|         |      | 11 ATTENDED JOB TRAINING<br>PROGRAMS/COURSES |           |
|         |      | 12 NOTHING                                   |           |
|         |      | 13 OTHER PASSIVE                             |           |
| PULKDK2 | 2    | ANYTHING ELSE? (SECOND METHOD)               | 310 - 311 |
|         |      | VALID ENTRIES                                |           |
|         |      | 1 CONTACTED EMPLOYER<br>DIRECTLY/INTERVIEW   |           |
|         |      | 2 CONTACTED PUBLIC EMPLOYMENT<br>AGENCY      |           |
|         |      | 3 CONTACTED PRIVATE EMPLOYMENT<br>AGENCY     |           |
|         |      | 4 CONTACTED FRIENDS OR RELATIVES             |           |
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY<br>EMPL CENTER |           |
|         |      | 6 SENT OUT RESUMES/FILLED OUT<br>APPLICATION |           |
|         |      | 7 CHECKED UNION/PROFESSIONAL<br>REGISTERS    |           |
|         |      | 8 PLACED OR ANSWERED ADS                     |           |
|         |      | 9 OTHER ACTIVE                               |           |
|         |      | 10 LOOKED AT ADS                             |           |
|         |      | 11 ATTENDED JOB TRAINING<br>PROGRAMS/COURSES |           |
|         |      | 13 OTHER PASSIVE                             |           |
| PULKDK3 | 2    | SAME AS PULKDK2 (THIRD METHOD)               | 312 - 313 |
|         |      | VALID ENTRIES                                |           |
|         |      | 1 CONTACTED EMPLOYER<br>DIRECTLY/INTERVIEW   |           |
|         |      | 2 CONTACTED PUBLIC EMPLOYMENT<br>AGENCY      |           |
|         |      | 3 CONTACTED PRIVATE EMPLOYMENT<br>AGENCY     |           |
|         |      | 4 CONTACTED FRIENDS OR RELATIVES             |           |

| NAME    | SIZE | DESCRIPTION                               | LOCATION  |
|---------|------|---|-----------|
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER |           |
|         |      | 6 SENT OUT RESUMES/FILLED OUT APPLICATION |           |
|         |      | 7 CHECKED UNION/PROFESSIONAL REGISTERS    |           |
|         |      | 8 PLACED OR ANSWERED ADS                  |           |
|         |      | 9 OTHER ACTIVE                            |           |
|         |      | 10 LOOKED AT ADS                          |           |
|         |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES |           |
|         |      | 13 OTHER PASSIVE                          |           |
| PULKDK4 | 2    | SAME AS PULKDK2 (FOURTH METHOD)           | 314 - 315 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

| NAME    | SIZE | DESCRIPTION                    | LOCATION  |
|---------|------|--------------------------------|-----------|
| PULKDK5 | 2    | SAME AS PULKDK2 (FIFTH METHOD) | 316 - 317 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER  
DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL  
CENTER
- 6 SENT OUT RESUMES/FILLED OUT  
APPLICATION
- 7 CHECKED UNION/PROFESSIONAL  
REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING  
PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |                                |           |
|---------|---|--------------------------------|-----------|
| PULKDK6 | 2 | SAME AS PULKDK2 (SIXTH METHOD) | 318 - 319 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER  
DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL  
CENTER
- 6 SENT OUT RESUMES/FILLED OUT  
APPLICATION
- 7 CHECKED UNION/PROFESSIONAL  
REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
|         |      | 10 LOOKED AT ADS   |           |
|         |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES                                  |           |
|         |      | 13 OTHER PASSIVE   |           |
| PULKPS1 | 2    | CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD) | 320 - 321 |
|         |      | VALID ENTRIES  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW                                    |           |
|         |      | 2 CONTACTED PUBLIC EMPLOYMENT AGENCY                                       |           |
|         |      | 3 CONTACTED PRIVATE EMPLOYMENT AGENCY                                      |           |
|         |      | 4 CONTACTED FRIENDS OR RELATIVES   |           |
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER                                  |           |
|         |      | 6 SENT OUT RESUMES/FILLED OUT APPLICATION                                  |           |
|         |      | 7 CHECKED UNION/PROFESSIONAL REGISTERS                                     |           |
|         |      | 8 PLACED OR ANSWERED ADS   |           |
|         |      | 9 OTHER ACTIVE   |           |
|         |      | 10 LOOKED AT ADS   |           |
|         |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES                                  |           |
|         |      | 12 NOTHING   |           |
|         |      | 13 OTHER PASSIVE   |           |
| PULKPS2 | 2    | ANYTHING ELSE? (SECOND METHOD)   | 322 - 323 |
|         |      | VALID ENTRIES  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW                                    |           |
|         |      | 2 CONTACTED PUBLIC EMPLOYMENT AGENCY                                       |           |
|         |      | 3 CONTACTED PRIVATE EMPLOYMENT AGENCY                                      |           |
|         |      | 4 CONTACTED FRIENDS OR RELATIVES   |           |
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER                                  |           |

| NAME    | SIZE | DESCRIPTION                               | LOCATION  |
|---------|------|---|-----------|
|         |      | 6 SENT OUT RESUMES/FILLED OUT APPLICATION |           |
|         |      | 7 CHECKED UNION/PROFESSIONAL REGISTERS    |           |
|         |      | 8 PLACED OR ANSWERED ADS                  |           |
|         |      | 9 OTHER ACTIVE                            |           |
|         |      | 10 LOOKED AT ADS                          |           |
|         |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES |           |
|         |      | 13 OTHER PASSIVE                          |           |
| PULKPS3 | 2    | SAME AS PULKPS2 (THIRD METHOD)            | 324 - 325 |
|         |      | VALID ENTRIES                             |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW   |           |
|         |      | 2 CONTACTED PUBLIC EMPLOYMENT AGENCY      |           |
|         |      | 3 CONTACTED PRIVATE EMPLOYMENT AGENCY     |           |
|         |      | 4 CONTACTED FRIENDS OR RELATIVES          |           |
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER |           |
|         |      | 6 SENT OUT RESUMES/FILLED OUT APPLICATION |           |
|         |      | 7 CHECKED UNION/PROFESSIONAL REGISTERS    |           |
|         |      | 8 PLACED OR ANSWERED ADS                  |           |
|         |      | 9 OTHER ACTIVE                            |           |
|         |      | 10 LOOKED AT ADS                          |           |
|         |      | 11 ATTENDED JOB TRAINING PROGRAMS/COURSES |           |
|         |      | 13 OTHER PASSIVE                          |           |
| PULKPS4 | 2    | SAME AS PULKPS2 (FOURTH METHOD)           | 326 - 327 |
|         |      | VALID ENTRIES                             |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW   |           |
|         |      | 2 CONTACTED PUBLIC EMPLOYMENT AGENCY      |           |
|         |      | 3 CONTACTED PRIVATE EMPLOYMENT AGENCY     |           |
|         |      | 4 CONTACTED FRIENDS OR RELATIVES          |           |

| NAME    | SIZE | DESCRIPTION                                  | LOCATION  |
|---------|------|--|-----------|
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY<br>EMPL CENTER |           |
|         |      | 6 SENT OUT RESUMES/FILLED OUT<br>APPLICATION |           |
|         |      | 7 CHECKED UNION/PROFESSIONAL<br>REGISTERS    |           |
|         |      | 8 PLACED OR ANSWERED ADS                     |           |
|         |      | 9 OTHER ACTIVE                               |           |
|         |      | 10 LOOKED AT ADS                             |           |
|         |      | 11 ATTENDED JOB TRAINING<br>PROGRAMS/COURSES |           |
|         |      | 13 OTHER PASSIVE                             |           |
| PULKPS5 | 2    | SAME AS PULKPS2 (FIFTH METHOD)               | 328 - 329 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER  
DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY  
EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT  
APPLICATION
- 7 CHECKED UNION/PROFESSIONAL  
REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING  
PROGRAMS/COURSES
- 13 OTHER PASSIVE

| NAME    | SIZE | DESCRIPTION                    | LOCATION  |
|---------|------|--------------------------------|-----------|
| PULKPS6 | 2    | SAME AS PULKPS2 (SIXTH METHOD) | 330 - 331 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |  |           |
|---------|---|--|-----------|
| PELKAVL | 2 | LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? | 332 - 333 |
|---------|---|--|-----------|

EDITED UNIVERSE:  
PELKM1 = 1 - 13

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |              |           |
|---------|---|--------------|-----------|
| PULKAVR | 2 | WHY IS THAT? | 334 - 335 |
|---------|---|--------------|-----------|

VALID ENTRIES

- 1 WAITING FOR NEW JOB TO BEGIN
- 2 OWN TEMPORARY ILLNESS
- 3 GOING TO SCHOOL
- 4 OTHER - SPECIFY



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PELKLL10 | 2    | BEFORE YOU STARTED LOOKING FOR WORK,<br>WHAT WERE YOU DOING: WORKING, GOING<br>TO SCHOOL, OR SOMETHING ELSE?<br><br>EDITED UNIVERSE:<br>PELKAVL = 1-2<br><br>VALID ENTRIES<br><br>1 WORKING<br>2 SCHOOL<br>3 LEFT MILITARY SERVICE<br>4 SOMETHING ELSE | 336 - 337 |
| PELKLL20 | 2    | DID YOU LOSE OR QUIT THAT JOB, OR WAS IT<br>A TEMPORARY JOB THAT ENDED?<br><br>EDITED UNIVERSE:<br>PELKLL10 = 1 OR 3<br><br>VALID ENTRIES<br><br>1 LOST JOB<br>2 QUIT JOB<br>3 TEMPORARY JOB ENDED   | 338 - 339 |
| PELKLWO  | 2    | WHEN LAST WORKED<br>EDITED UNIVERSE:<br>PELKLL10 = 1 - 4<br><br>VALID ENTRIES<br><br>1 WITHIN THE LAST 12 MONTHS<br>2 MORE THAN 12 MONTHS AGO<br>3 NEVER WORKED  | 340 - 341 |
| PELKDUR  | 3    | DURATION OF JOB SEEKING<br><br>EDITED UNIVERSE:<br>PELKLWO = 1 - 3<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>999 MAX VALUE  | 342 - 344 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PELKFTO  | 2    | <p>FT/PT STATUS OF JOBSEEKER</p> <p>EDITED UNIVERSE:<br/>PELKDUR = 0-120</p> <p>VALID ENTRIES</p> <p>1      YES<br/>2      NO<br/>3      DOESN'T MATTER</p>   | 345 - 346 |
| PEDWWNT0 | 2    | <p>DO YOU CURRENTLY WANT A JOB,<br/>EITHER FULL OR PART TIME?</p> <p>EDITED UNIVERSE:<br/>PUDWCK1 = 3, 4, -1</p> <p>VALID ENTRIES</p> <p>1      YES, OR MAYBE, IT DEPENDS<br/>2      NO<br/>3      RETIRED<br/>4      DISABLED<br/>5      UNABLE</p>  | 347 - 348 |
| PEDWRSN  | 2    | <p>WHAT IS THE MAIN REASON YOU WERE NOT<br/>LOOKING FOR WORK DURING THE LAST<br/>4 WEEKS?</p> <p>EDITED UNIVERSE:<br/>PUDWCK4 = 4, -1</p> <p>VALID ENTRIES</p> <p>1      BELIEVES NO WORK AVAILABLE IN<br/>         AREA OF EXPERTISE<br/>2      COULDN'T FIND ANY WORK<br/>3      LACKS NECESSARY<br/>         SCHOOLING/TRAINING<br/>4      EMPLOYERS THINK TOO YOUNG OR TOO<br/>         OLD<br/>5      OTHER TYPES OF DISCRIMINATION<br/>6      CAN'T ARRANGE CHILD CARE<br/>7      FAMILY RESPONSIBILITIES<br/>8      IN SCHOOL OR OTHER TRAINING<br/>9      ILL-HEALTH, PHYSICAL DISABILITY</p> | 349 - 350 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 10 TRANSPORTATION PROBLEMS<br>11 OTHER - SPECIFY  |           |
| PEDWLKO  | 2    | DID YOU LOOK FOR WORK AT ANY TIME<br>IN THE LAST 12 MONTHS<br><br>EDITED UNIVERSE:<br>(PUDWCK4 = 1-3) or (PEDWRSN = 1-11)<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 351 - 352 |
| PEDWWK   | 2    | DID YOU ACTUALLY WORK AT A JOB OR<br>BUSINESS DURING THE LAST 12 MONTHS?<br><br>EDITED UNIVERSE:<br>PEDWLKO = 1<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO           | 353 - 354 |
| PEDW4WK  | 2    | DID YOU DO ANY OF THIS WORK DURING<br>THE LAST 4 WEEKS?<br><br>EDITED UNIVERSE:<br>PEDWWK = 1<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO                             | 355 - 356 |
| PEDWLKWK | 2    | SINCE YOU LEFT THAT JOB OR<br>BUSINESS HAVE YOU LOOKED FOR WORK?<br><br>EDITED UNIVERSE:<br>PEDW4WK = 2<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO                   | 357 - 358 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEDWAVL | 2    | <p>LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?</p> <p>EDITED UNIVERSE:<br/>(PEDWWK = 2) or (PEDWLKWK = 1)</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO</p>  | 359 - 360 |
| PEDWAVR | 2    | <p>WHY IS THAT?</p> <p>EDITED UNIVERSE:<br/>PEDWAVL = 2</p> <p>VALID ENTRIES</p> <p>1 OWN TEMPORARY ILLNESS<br/>2 GOING TO SCHOOL<br/>3 OTHER</p>  | 361 - 362 |
| PUDWCK1 | 2    | <p>SCREEN FOR DISCOURAGED WORKERS</p> <p>VALID ENTRIES</p> <p>1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK<br/>2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1<br/>3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNTO AND GOTO PUDWCK4<br/>4 ALL OTHERS GOTO PUDWWNT</p> | 363 - 364 |
| PUDWCK2 | 2    | <p>SCREEN FOR DISABLED</p> <p>VALID ENTRIES</p> <p>1 IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C<br/>2 IF ENTRY OF 4 IN DWWNT GOTO PUDIS1<br/>3 IF ENTRY OF 5 IN DWWNT GOTO PUDIS2<br/>4 ALL OTHERS GOTO PUDWCK4</p>                                 | 365 - 366 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUDWCK3 | 2    | FILTER FOR RETIRED  | 367 - 368 |
|         |      | VALID ENTRIES   |           |
|         |      | 1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4                                    |           |
|         |      | 2 ALL OTHERS GOTO PUNLFCK2  |           |
| PUDWCK4 | 2    | FILTER FOR PASSIVE JOB SEEKERS  | 369 - 370 |
|         |      | VALID ENTRIES   |           |
|         |      | 1 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKM1-LKM3 GOTO PUDWCK5         |           |
|         |      | 2 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKDK1-LKDK3 GOTO PUDWCK5       |           |
|         |      | 3 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKPS1-LKPS3 GOTO PUDWCK5       |           |
|         |      | 4 ALL OTHERS GOTO PUDWRSN   |           |
| PUDWCK5 | 2    | FILTER FOR PASSIVE JOB SEEKERS  | 371 - 372 |
|         |      | VALID ENTRIES   |           |
|         |      | 1 IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK                 |           |
|         |      | 2 ALL OTHERS GOTO PUDWLK  |           |
| PEJHWKO | 2    | HAVE YOU WORKED AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST 12 MONTHS? | 373 - 374 |
|         |      | EDITED UNIVERSE:<br>HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7                  |           |
|         |      | VALID ENTRIES   |           |
|         |      | 1 YES   |           |
|         |      | 2 NO  |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUJHDP10 | 2    | DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS?          | 375 - 376 |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PEJHRSN  | 2    | WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB?           | 377 - 378 |
|          |      | EDITED UNIVERSE:<br>PEJHWKO = 1                           |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 PERSONAL/FAMILY (INCLUDING PREGNANCY)                   |           |
|          |      | 2 RETURN TO SCHOOL  |           |
|          |      | 3 HEALTH  |           |
|          |      | 4 RETIREMENT OR OLD AGE                                   |           |
|          |      | 5 TEMP, SEASONAL OR INTERMITTENT JOB COMPLETE             |           |
|          |      | 6 SLACK WORK/BUSINESS CONDITIONS                          |           |
|          |      | 7 UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.)       |           |
|          |      | 8 OTHER - SPECIFY   |           |
| PEJHWANT | 2    | DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS? | 379 - 380 |
|          |      | EDITED UNIVERSE:<br>(PEJHWKO = 2) or (PEJHRSN = 1-8)      |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 YES, OR IT DEPENDS                                      |           |
|          |      | 2 NO  |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUJHCK1  | 2    | FILTER FOR OUTGOING ROTATIONS   | 381 - 382 |
|          |      | VALID ENTRIES   |           |
|          |      | 1     PURET1 = 1, -2, OR -3<br>THEN GOTO NLFCK2   |           |
|          |      | 2     IF MISCK EQUALS 4 OR 8<br>THEN GOTO PUJHCK2   |           |
|          |      | 3     ALL OTHERS GOTO PUNLFCK1  |           |
| PUJHCK2  | 2    | FILTER FOR PERSONS GOING THROUGH THE<br>I AND O SERIES  | 383 - 384 |
|          |      | VALID ENTRIES   |           |
|          |      | 1     IF ENTRY OF 1 IN DWWK AND I-MLR=<br>3, 4 THEN STORE 1 IN JHWKO, STORE<br>DW4WK IN JHDP1O AND GOTO PUJHRSN |           |
|          |      | 2     IF ENTRY OF 2, D OR R IN DWWK<br>THEN STORE DWWK IN JHWKO AND<br>GOTO PUJHWANT                            |           |
|          |      | 3     ALL OTHERS GOTO PUJHWK  |           |
| PRABSREA | 2    | REASON NOT AT WORK AND PAY STATUS   | 385 - 386 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 2   |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1     FT PAID-VACATION  |           |
|          |      | 2     FT PAID-OWN ILLNESS   |           |
|          |      | 3     FT PAID-CHILD CARE PROBLEMS   |           |
|          |      | 4     FT PAID-OTHER FAMILY/PERSONAL<br>OBLIG.   |           |
|          |      | 5     FT PAID-MATERNITY/PATERNITY LEAVE   |           |
|          |      | 6     FT PAID-LABOR DISPUTE   |           |
|          |      | 7     FT PAID-WEATHER AFFECTED JOB  |           |
|          |      | 8     FT PAID-SCHOOL/TRAINING   |           |
|          |      | 9     FT PAID-CIVIC/MILITARY DUTY   |           |
|          |      | 10    FT PAID-OTHER   |           |
|          |      | 11    FT UNPAID-VACATION  |           |
|          |      | 12    FT UNPAID-OWN ILLNESS   |           |
|          |      | 13    FT UNPAID-CHILD CARE PROBLEMS   |           |
|          |      | 14    FT UNPAID-OTHER FAM/PERSONAL<br>OBLIGATION  |           |

| NAME | SIZE | DESCRIPTION                                | LOCATION |
|------|------|--|----------|
|      |      | 15 FT UNPAID-MATERNITY/PATERNITY LEAVE     |          |
|      |      | 16 FT UNPAID-LABOR DISPUTE                 |          |
|      |      | 17 FT UNPAID-WEATHER AFFECTED JOB          |          |
|      |      | 18 FT UNPAID-SCHOOL/TRAINING               |          |
|      |      | 19 FT UNPAID-CIVIC/MILITARY DUTY           |          |
|      |      | 20 FT UNPAID-OTHER                         |          |
|      |      | 21 PT PAID-VACATION                        |          |
|      |      | 22 PT PAID-OWN ILLNESS                     |          |
|      |      | 23 PT PAID-CHILD CARE PROBLEMS             |          |
|      |      | 24 PT PAID-OTHER FAMILY/PERSONAL OBLIG.    |          |
|      |      | 25 PT PAID-MATERNITY/PATERNITY LEAVE       |          |
|      |      | 26 PT PAID-LABOR DISPUTE                   |          |
|      |      | 27 PT PAID-WEATHER AFFECTED JOB            |          |
|      |      | 28 PT PAID-SCHOOL/TRAINING                 |          |
|      |      | 29 PT PAID-CIVIC/MILITARY DUTY             |          |
|      |      | 30 PT PAID-OTHER                           |          |
|      |      | 31 PT UNPAID-VACATION                      |          |
|      |      | 32 PT UNPAID-OWN ILLNESS                   |          |
|      |      | 33 PT UNPAID-CHILD CARE PROBLEMS           |          |
|      |      | 34 PT UNPAID-OTHER FAM/PERSONAL OBLIGATION |          |
|      |      | 35 PT UNPAID-MATERNITY/PATERNITY LEAVE     |          |
|      |      | 36 PT UNPAID-LABOR DISPUTE                 |          |
|      |      | 37 PT UNPAID-WEATHER AFFECTED JOB          |          |
|      |      | 38 PT UNPAID-SCHOOL/TRAINING               |          |
|      |      | 39 PT UNPAID-CIVIC/MILITARY DUTY           |          |
|      |      | 40 PT UNPAID-OTHER                         |          |

PRCIVLF            2            CIVILIAN LABOR FORCE            387 - 388

EDITED UNIVERSE:  
PEMLR = 1-7

VALID ENTRIES

01            IN CIVILIAN LABOR FORCE  
02            NOT IN CIVILIAN LABOR FORCE



| NAME     | SIZE | DESCRIPTION                                   | LOCATION  |
|----------|------|---|-----------|
| PRDISC   | 2    | DISCOURAGED WORKER RECODE                     | 389 - 390 |
|          |      | EDITED UNIVERSE:<br>PRJOBSEA = 1-4            |           |
|          |      | VALID ENTRIES                                 |           |
|          |      | 1 DISCOURAGED WORKER                          |           |
|          |      | 2 CONDITIONALLY INTERESTED                    |           |
|          |      | 3 NOT AVAILABLE                               |           |
| PREMPHRS | 2    | REASON NOT AT WORK OR HOURS AT WORK           | 391 - 392 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-7               |           |
|          |      | VALID ENTRIES                                 |           |
|          |      | 0 UNEMPLOYED AND NILF                         |           |
|          |      | 1 W/JOB, NOT AT WORK-ILLNES                   |           |
|          |      | 2 W/JOB, NOT AT WORK-VACATION                 |           |
|          |      | 3 W/JOB, NOT AT WORK-WEATHER<br>AFFECTED JOB  |           |
|          |      | 4 W/JOB, NOT AT WORK-LABOR DISPUTE            |           |
|          |      | 5 W/JOB, NOT AT WORK-CHILD CARE<br>PROBLEMS   |           |
|          |      | 6 W/JOB, NOT AT WORK-FAM/PERS<br>OBLIGATION   |           |
|          |      | 7 W/JOB, NOT AT WORK-<br>MATERNITY/PATERNITY  |           |
|          |      | 8 W/JOB, NOT AT WORK-<br>SCHOOL/TRAINING      |           |
|          |      | 9 W/JOB, NOT AT WORK-CIVIC/MILITARY<br>DUTY   |           |
|          |      | 10 W/JOB, NOT AT WORK-DOES NOT WORK<br>IN BUS |           |
|          |      | 11 W/JOB, NOT AT WORK-OTHER                   |           |
|          |      | 12 AT WORK- 1-4 HRS                           |           |
|          |      | 13 AT WORK- 5-14 HRS                          |           |
|          |      | 14 AT WORK- 15-21 HRS                         |           |
|          |      | 15 AT WORK- 22-29 HRS                         |           |
|          |      | 16 AT WORK- 30-34 HRS                         |           |
|          |      | 17 AT WORK- 35-39 HRS                         |           |
|          |      | 18 AT WORK- 40 HRS                            |           |
|          |      | 19 AT WORK- 41-47 HRS                         |           |
|          |      | 20 AT WORK- 48 HRS                            |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 21 AT WORK- 49-59 HRS                               |           |
|          |      | 22 AT WORK- 60 HRS OR MORE                          |           |
| PREMPNOT | 2    | MLR - EMPLOYED, UNEMPLOYED, OR NILF                 | 393 - 394 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-7                     |           |
|          |      | VALID ENTRIES                                       |           |
|          |      | 1 EMPLOYED  |           |
|          |      | 2 UNEMPLOYED  |           |
|          |      | 3 NOT IN LABOR FORCE (NILF)-<br>discouraged         |           |
|          |      | 4 NOT IN LABOR FORCE (NILF)-other                   |           |
| PREXPFL  | 2    | EXPERIENCED LABOR FORCE EMPLOYMENT                  | 395 - 396 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-4 AND<br>PELKLWO ne 3 |           |
|          |      | VALID ENTRIES                                       |           |
|          |      | 1 EMPLOYED  |           |
|          |      | 2 UNEMPLOYED  |           |
| PRFTLF   | 2    | FULL TIME LABOR FORCE                               | 397 - 398 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-4                     |           |
|          |      | VALID ENTRIES                                       |           |
|          |      | 1 FULL TIME LABOR FORCE                             |           |
|          |      | 2 PART TIME LABOR FORCE                             |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRHRUSL  | 2    | USUAL HOURS WORKED WEEKLY                            | 399 - 400 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-2                      |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 0-20 HRS   |           |
|          |      | 2 21-34 HRS  |           |
|          |      | 3 35-39 HRS  |           |
|          |      | 4 40 HRS   |           |
|          |      | 5 41-49 HRS  |           |
|          |      | 6 50 OR MORE HRS                                     |           |
|          |      | 7 VARIES-FULL TIME                                   |           |
|          |      | 8 VARIES-PART TIME                                   |           |
| PRJOBSEA | 2    | JOB SEARCH RECODE                                    | 401 - 402 |
|          |      | EDITED UNIVERSE:<br>PRWNTJOB = 1                     |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 LOOKED LAST 4 WEEKS - NOT WORKED                   |           |
|          |      | 2 LOOKED LAST 4 WEEKS - WORKED                       |           |
|          |      | 3 LOOKED LAST 4 WEEKS - LAYOFF                       |           |
|          |      | 4 UNAVAILABLE JOB SEEKERS                            |           |
|          |      | 5 NO RECENT JOB SEARCH                               |           |
| PRPTHRS  | 2    | AT WORK 1-34 BY HOURS AT WORK                        | 403 - 404 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1 AND<br>PEHRACTT = 1-34 |           |
|          |      | VALID ENTRIES  |           |
|          |      | 0 USUALLY FT, PT FOR NONECONOMIC REASONS             |           |
|          |      | 1 USU.FT, PT ECON REASONS; 1-4 HRS                   |           |
|          |      | 2 USU.FT, PT ECON REASONS; 5-14 HRS                  |           |
|          |      | 3 USU.FT, PT ECON REASONS; 15-29 HRS                 |           |
|          |      | 4 USU.FT, PT ECON REASONS; 30-34 HRS                 |           |
|          |      | 5 USU.PT, ECON REASONS; 1-4 HRS                      |           |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 6 USU.PT, ECON REASONS; 5-14 HRS  |           |
|         |      | 7 USU.PT, ECON REASONS; 15-29 HRS   |           |
|         |      | 8 USU.PT, ECON REASONS; 30-34 HRS   |           |
|         |      | 9 USU.PT, NON-ECON REASONS; 1-4 HRS   |           |
|         |      | 10 USU.PT, NON-ECON REASONS; 5-14 HRS   |           |
|         |      | 11 USU.PT, NON-ECON REASONS; 15-29 HRS  |           |
|         |      | 12 USU.PT, NON-ECON REASONS; 30-34 HRS  |           |
| PRPTREA | 2    | DETAILED REASON FOR PART-TIME<br><br>EDITED UNIVERSE:<br>PEMLR = 1 AND<br>(PEHRUSLT = 0-34 OR PEHRACTT = 1-34)<br>VALID ENTRIES | 405 - 406 |
|         |      | 1 USU. FT-SLACK WORK/BUSINESS CONDITIONS  |           |
|         |      | 2 USU. FT-SEASONAL WORK   |           |
|         |      | 3 USU. FT-JOB STARTED/ENDED DURING WEEK   |           |
|         |      | 4 USU. FT-VACATION/PERSONAL DAY   |           |
|         |      | 5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT  |           |
|         |      | 6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)  |           |
|         |      | 7 USU. FT-CHILD CARE PROBLEMS   |           |
|         |      | 8 USU. FT-OTHER FAM/PERS OBLIGATIONS  |           |
|         |      | 9 USU. FT-LABOR DISPUTE   |           |
|         |      | 10 USU. FT-WEATHER AFFECTED JOB   |           |
|         |      | 11 USU. FT-SCHOOL/TRAINING  |           |
|         |      | 12 USU. FT-CIVIC/MILITARY DUTY  |           |
|         |      | 13 USU. FT-OTHER REASON   |           |
|         |      | 14 USU. PT-SLACK WORK/BUSINESS CONDITIONS   |           |
|         |      | 15 USU. PT-COULD ONLY FIND PT WORK  |           |
|         |      | 16 USU. PT-SEASONAL WORK  |           |
|         |      | 17 USU. PT-CHILD CARE PROBLEMS  |           |
|         |      | 18 USU. PT-OTHER FAM/PERS OBLIGATIONS   |           |
|         |      | 19 USU. PT-HEALTH/MEDICAL LIMITATIONS   |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 20 USU. PT-SCHOOL/TRAINING                              |           |
|          |      | 21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS               |           |
|          |      | 22 USU. PT-WORKWEEK <35 HOURS                           |           |
|          |      | 23 USU. PT-OTHER REASON                                 |           |
| PRUNEDUR | 3    | DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS | 407 - 409 |
|          |      | EDITED UNIVERSE: PEMLR = 3-4                            |           |
|          |      | VALID ENTRIES   |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 999 MAX VALUE   |           |
| PRUSFTPT | 2    | USUAL FULLTIME/PARTTIME STATUS                          | 410 - 411 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-2                         |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 FULL TIME   |           |
|          |      | 2 PART TIME   |           |
|          |      | 3 STATUS UNKNOWN  |           |
| PRUNTYPE | 2    | REASON FOR UNEMPLOYMENT                                 | 412 - 413 |
|          |      | EDITED UNIVERSE: PEMLR = 3-4                            |           |
|          |      | VALID ENTRIES   |           |
|          |      | 1 JOB LOSER/ON LAYOFF                                   |           |
|          |      | 2 OTHER JOB LOSER                                       |           |
|          |      | 3 TEMPORARY JOB ENDED                                   |           |
|          |      | 4 JOB LEAVER  |           |
|          |      | 5 RE-ENTRANT  |           |
|          |      | 6 NEW-ENTRANT   |           |

| NAME    | SIZE | DESCRIPTION                           | LOCATION  |
|---------|------|---------------------------------------|-----------|
| PRWKSCH | 2    | LABOR FORCE BY TIME<br>WORKED OR LOST | 414 - 415 |

EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

|   |                       |
|---|-----------------------|
| 0 | NOT IN LABOR FORCE    |
| 1 | AT WORK               |
| 2 | WITH JOB, NOT AT WORK |
| 3 | UNEMPLOYED, SEEKS FT  |
| 4 | UNEMPLOYED, SEEKS PT  |

|          |   |                            |           |
|----------|---|----------------------------|-----------|
| PRWKSTAT | 2 | FULL/PART-TIME WORK STATUS | 416 - 417 |
|----------|---|----------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

|    |   |
|----|---|
| 1  | NOT IN LABOR FORCE                              |
| 2  | FT HOURS (35+), USUALLY FT                      |
| 3  | PT FOR ECONOMIC REASONS, USUALLY<br>FT          |
| 4  | PT FOR NON-ECONOMIC REASONS,<br>USUALLY FT      |
| 5  | NOT AT WORK, USUALLY FT                         |
| 6  | PT HRS, USUALLY PT FOR ECONOMIC<br>REASONS      |
| 7  | PT HRS, USUALLY PT FOR NON-<br>ECONOMIC REASONS |
| 8  | FT HOURS, USUALLY PT FOR ECONOMIC<br>REASONS    |
| 9  | FT HOURS, USUALLY PT FOR NON-<br>ECONOMIC       |
| 10 | NOT AT WORK, USUALLY PART-TIME                  |
| 11 | UNEMPLOYED FT                                   |
| 12 | UNEMPLOYED PT                                   |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRWNTJOB | 2    | NILF RECODE - WANT A JOB OR OTHER NILF<br><br>EDITED UNIVERSE:<br>PEMLR = 5-7<br><br>VALID ENTRIES<br><br>1     WANT A JOB<br>2     OTHER NOT IN LABOR FORCE  | 418 - 419 |
| PUJHCK3  | 2    | JOB HISTORY CHECK ITEM<br><br>VALID ENTRIES<br><br>1     IF I-MLR EQ 3 OR 4 THEN GOTO<br>PUJHDP1<br>2     ALL OTHERS GOTO PUJHRSN   | 420 - 421 |
| PUJHCK4  | 2    | SCREEN FOR DEPENDENT NILF<br><br>VALID ENTRIES<br><br>1     IF ENTRY OF 2, D OR R IN PUDW4WK<br>OR IN PUJHDP10<br>THEN GOTO PUJHCK5<br>2     IF ENTRY OF 1 IN PUDW4WK OR IN<br>PUJHDP10 THEN GOTO PUIO1INT<br>3     IF I-MLR EQUALS 1 OR 2 AND ENTRY<br>IN PUJHRSN THEN GOTO PUJHCK5<br>4     IF ENTRY IN PUJHRSN THEN GOTO<br>PUIO1INT<br>5     ALL OTHERS GOTO PUNLFCK1 | 422 - 423 |
| PUJHCK5  | 2    | SCREEN FOR DEPENDENT NILF<br><br>VALID ENTRIES<br><br>1     IF I-IO1ICR EQUALS 1 OR I-IO1OCR<br>EQUALS 1 THEN GOTO PUIO1INT<br>2     ALL OTHERS GOTO PUIOCK5  | 424 - 425 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PUIODP1 | 2    | <p>LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)?</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO</p>                             | 426 - 427 |
| PUIODP2 | 2    | <p>HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO</p>   | 428 - 429 |
| PUIODP3 | 2    | <p>LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB?</p> <p>VALID ENTRIES</p> <p>1 YES<br/>2 NO</p> | 430 - 431 |



| NAME     | SIZE | DESCRIPTION                                     | LOCATION  |
|----------|------|---|-----------|
| PEIO1COW | 2    | INDIVIDUAL CLASS OF WORKER CODE<br>ON FIRST JOB | 432 - 433 |

NOTE: A PEIO1COW CODE CAN BE ASSIGNED  
EVEN IF AN INDIVIDUAL IS NOT CURRENTLY  
EMPLOYED.

EDITED UNIVERSE:  
(PEMLR = 1-3) OR (PEMLR = 4 AND  
PELKLWO = 1-2) OR  
(PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO  
= 1) OR  
(PEMLR = 6 AND PENLFJH = 1) OR (PEMLR  
= 7 AND PEJHWKO = 1)

VALID ENTRIES

- 1 GOVERNMENT - FEDERAL
- 2 GOVERNMENT - STATE
- 3 GOVERNMENT - LOCAL
- 4 PRIVATE, FOR PROFIT
- 5 PRIVATE, NONPROFIT
- 6 SELF-EMPLOYED, INCORPORATED
- 7 SELF-EMPLOYED, UNINCORPORATED
- 8 WITHOUT PAY

|          |   |  |           |
|----------|---|--|-----------|
| PUIO1MFG | 2 | IS THIS BUSINESS OR ORGANIZATION MAINLY<br>MANUFACTURING, RETAIL TRADE,<br>WHOLESALE TRADE, OR SOMETHING ELSE? | 434 - 435 |
|----------|---|--|-----------|

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEIO1ICD | 3    | INDUSTRY CODE FOR PRIMARY JOB<br><br>EDITED UNIVERSE:<br>(PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR<br>PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO=1)<br><br>VALID ENTRIES<br><br>0      MIN VALUE<br>999    MAX VALUE      | 436 - 438 |
| PEIO1OCD | 3    | OCCUPATION CODE FOR PRIMARY JOB.<br><br>EDITED UNIVERSE:<br>(PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR<br>PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO = 1)<br><br>VALID ENTRIES<br><br>0      MIN VALUE<br>999    MAX VALUE | 439 - 441 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEIO2COW | 2    | <p>INDIVIDUAL CLASS OF WORKER ON SECOND JOB.</p> <p>NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY HAVE A VALUE IN OUT-GOING ROTATIONS.</p> <p>EDITED UNIVERSE:<br/>PEMJOT = 1 AND (HRMIS = 4,8 OR PEIO1COW = 7,8)</p> <p>VALID ENTRIES</p> <p>1 GOVERNMENT - FEDERAL<br/>2 GOVERNMENT - STATE<br/>3 GOVERNMENT - LOCAL<br/>4 PRIVATE, FOR PROFIT<br/>5 PRIVATE, NONPROFIT<br/>6 SELF-EMPLOYED, INCORPORATED<br/>7 SELF-EMPLOYED, UNINCORPORATED<br/>8 WITHOUT PAY<br/>9 UNKNOWN<br/>10 GOVERNMENT, LEVEL UNKNOWN<br/>11 SELF-EMPLOYED, INCORP. STATUS UNKNOWN</p> | 442 - 443 |
| PUIO2MFG | 2    | <p>IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?</p> <p>VALID ENTRIES</p> <p>1 MANUFACTURING<br/>2 RETAIL TRADE<br/>3 WHOLESALE TRADE<br/>4 SOMETHING ELSE</p>  | 444 - 445 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEIO2ICD | 3    | INDUSTRY CODE FOR SECOND JOB.<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 AND HRMIS = 4 OR 8<br><br>VALID ENTRIES<br><br>0      MIN VALUE<br>999    MAX VALUE  | 446 - 448 |
| PEIO2OCD | 3    | OCCUPATION CODE FOR SECOND JOB.<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 AND HRMIS = 4 OR 8<br><br>VALID ENTRIES<br><br>0      MIN VALUE<br>999    MAX VALUE  | 449 - 451 |
| PUIOCK1  | 2    | I & O CHECK ITEM 1<br>SCREEN FOR DEPENDENT I AND O<br><br>VALID ENTRIES<br><br>1      IF {MISCK EQ 1 OR 5)<br>OR MISCK EQ 2-4, 6-8 AND I-MLR EQ<br>3-7) AND ENTRY OF 1 IN ABS} THEN<br>GOTO PUIO1INT<br>2      IF (MISCK EQ 1 OR 5) OR<br>{(MISCK EQ 2-4, 6-8 AND I-MLR EQ<br>3-7) AND ( ENTRY OF 1 IN WK OR<br>HRCK7-C IS BLANK, 1-3)}=<br>GOTO PUIO1INT<br>3      IF I-IO1NAM IS D, R OR BLANK THEN<br>GOTO PUIO1INT<br>4      ALL OTHERS GOTO PUIODP1 | 452 - 453 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUIOCK2 | 2    | I & O CHECK ITEM 2<br>SCREEN FOR PREVIOUS MONTHS I AND O CASES<br><br>VALID ENTRIES<br><br>1 IF I-IO1ICR EQ 1 THEN GOTO<br>PUIO1IND<br>2 IF I-IO1OCR EQ 1 THEN GOTO<br>PUIO1OCC<br>3 ALL OTHERS GOTO PUIODP2  | 454 - 455 |
| PUIOCK3 | 2    | I & O CHECK ITEM 3<br><br>VALID ENTRIES<br><br>1 IF I-IO1OCC EQUALS D, R OR BLANK<br>THEN GOTO PUIO1OCC<br>2 IF I-IO1DT1 IS D, R OR BLANK THEN<br>GOTO PUIO1OCC<br>3 ALL OTHERS GOTO PUIODP3  | 456 - 457 |
| PRIOELG | 2    | INDUSTRY AND OCCUPATION<br>ELIGIBILITY FLAG<br><br>EDITED UNIVERSE:<br>PEMLR = 1-3,<br>OR (PEMLR = 4 AND PELKLWO = 1 OR 2)<br>OR (PEMLR = 5 AND<br>(PEJHWKO = 1 OR PENLFJH=1),<br>OR (PEMLR = 6 AND PENLFJH = 1),<br>OR PEMLR = 7 AND PEJHWKO = 1)<br><br>VALID ENTRIES<br><br>0 NOT ELIGIBLE FOR EDIT<br>1 ELIGIBLE FOR EDIT | 458 - 459 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PRAGNA | 2    | AGRICULTURE/<br>NON-AGRICULTURE INDUSTRY<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br>VALID ENTRIES<br><br>1     AGRICULTURAL<br>2     NON-AGRICULTURAL   | 460 - 461 |
| PRCOW1 | 2    | CLASS OF WORKER<br>RECODE - JOB 1<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br>VALID ENTRIES<br><br>1     FEDERAL GOVT<br>2     STATE GOVT<br>3     LOCAL GOVT<br>4     PRIVATE (INCL. SELF-EMPLOYED<br>INCORP.)<br>5     SELF-EMPLOYED, UNINCORP.<br>6     WITHOUT PAY                                       | 462 - 463 |
| PRCOW2 | 2    | CLASS OF WORKER<br>RRECODE - JOB 2<br><br>EDITED UNIVERSE:<br>PRIOELG = 1 AND PEMJOT = 1 AND HRMIS =<br>4 OR 8<br><br>VALID ENTRIES<br><br>1     FEDERAL GOVT<br>2     STATE GOVT<br>3     LOCAL GOVT<br>4     PRIVATE (INCL. SELF-EMPLOYED<br>INCORP.)<br>5     SELF-EMPLOYED, UNINCORP.<br>6     WITHOUT PAY | 464 - 465 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRCOWPG  | 2    | COW - PRIVATE OR GOVERNMENT  | 466 - 467 |
|          |      | EDITED UNIVERSE:<br>PEIO1COW = 1 - 5                                 |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 PRIVATE  |           |
|          |      | 2 GOVERNMENT   |           |
| PRDTCOW1 | 2    | DETAILED CLASS OF WORKER RECODE - JOB 1                              | 468 - 469 |
|          |      | EDITED UNIVERSE:<br>PRIOELG = 1                                      |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 AGRI., WAGE & SALARY, PRIVATE                                      |           |
|          |      | 2 AGRI., WAGE & SALARY, GOVERNMENT                                   |           |
|          |      | 3 AGRI., SELF-EMPLOYED   |           |
|          |      | 4 AGRI., UNPAID  |           |
|          |      | 5 NONAG, WS, PRIVATE, PRIVATE HHLDS                                  |           |
|          |      | 6 NONAG, WS, PRIVATE, OTHER PRIVATE                                  |           |
|          |      | 7 NONAG, WS, GOVT, FEDERAL   |           |
|          |      | 8 NONAG, WS, GOVT, STATE   |           |
|          |      | 9 NONAG, WS, GOVT, LOCAL   |           |
|          |      | 10 NONAG, SELF-EMPLOYED  |           |
|          |      | 11 NONAG, UNPAID   |           |
| PRDTCOW2 | 2    | DETAILED CLASS OF WORKER RECODE - JOB 2                              | 470 - 471 |
|          |      | EDITED UNIVERSE:<br>PRIOELG = 1 AND PEMJOT = 1 AND HRMIS =<br>4 OR 8 |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 AGRI., WAGE & SALARY, PRIVATE                                      |           |
|          |      | 2 AGRI., WAGE & SALARY, GOVERNMENT                                   |           |
|          |      | 3 AGRI., SELF-EMPLOYED   |           |
|          |      | 4 AGRI., UNPAID  |           |
|          |      | 5 NONAG, WS, PRIVATE, PRIVATE HHLDS                                  |           |
|          |      | 6 NONAG, WS, PRIVATE, OTHER PRIVATE                                  |           |
|          |      | 7 NONAG, WS, GOVT, FEDERAL   |           |
|          |      | 8 NONAG, WS, GOVT, STATE   |           |
|          |      | 9 NONAG, WS, GOVT, LOCAL   |           |

| NAME     | SIZE | DESCRIPTION                                 | LOCATION  |
|----------|------|---|-----------|
|          |      | 10 NONAG, SELF-EMPLOYED                     |           |
|          |      | 11 NONAG, UNPAID                            |           |
| PRDTIND1 | 2    | DETAILED INDUSTRY RECODE - JOB 1            | 472 - 473 |
|          |      | EDITED UNIVERSE:<br>PRIOELG = 1             |           |
|          |      | VALID ENTRIES                               |           |
|          |      | 1 GOODS PRODUCING-AGRICULTURAL SERVICES     |           |
|          |      | 2 GOODS PRODUCING-OTHER AGRICULTURAL        |           |
|          |      | 3 MINING                                    |           |
|          |      | 4 CONSTRUCTION                              |           |
|          |      | 5 MFG-LUMBER & WOOD PRODS, EX FURNITURE     |           |
|          |      | 6 MFG-FURNITURE & FIXTURES                  |           |
|          |      | 7 MFG-STONE, CLAY, CONCRETE, GLASS PRODS    |           |
|          |      | 8 MFG-PRIMARY METALS                        |           |
|          |      | 9 MFG-FABRICATED METALS                     |           |
|          |      | 10 MFG-NOT SPECIFIED METAL INDUSTRIES       |           |
|          |      | 11 MFG-MACHINERY, EX ELECTRICAL             |           |
|          |      | 12 MFG-ELECTRICAL MACHINERY, EQUIP SUPPLIES |           |
|          |      | 13 MFG-MOTOR VEHICLES & EQUIP               |           |
|          |      | 14 MFG-AIRCRAFT & PARTS                     |           |
|          |      | 15 MFG-OTHER TRANSPORTATION EQUIPMENT       |           |
|          |      | 16 MFG-PROFESSIONAL & PHOTO EQUIP, WATCHES  |           |
|          |      | 17 MFG-TOYS, AMUSEMENT & SPORTING GOODS     |           |
|          |      | 18 MFG-MISC & NEC MFG INDUSTRIES            |           |
|          |      | 19 MFG-FOOD & KINDRED PRODS                 |           |
|          |      | 20 MFG-TOBACCO PRODS                        |           |
|          |      | 21 MFG-TEXTILE MILL PRODS                   |           |
|          |      | 22 MFG-APPAREL & OTHER FINISHED TEXTILE PR  |           |
|          |      | 23 MFG-PAPER & ALLIED PRODUCTS              |           |
|          |      | 24 MFG-PRINTING, PUBLISHING & ALLIED INDS   |           |
|          |      | 25 MFG-CHEMICALS & ALLIED PRODS             |           |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 26 MFG-PETROLEUM & COAL PRODS  |           |
|          |      | 27 MFG-RUBBER & MISC PLASTIC PRODS                                   |           |
|          |      | 28 MFG-LEATHER & LEATHER PRODS                                       |           |
|          |      | 29 TRANSPORTATION  |           |
|          |      | 30 COMMUNICATIONS  |           |
|          |      | 31 UTILITIES & SANITARY SERVICES                                     |           |
|          |      | 32 WHOLESALE TRADE   |           |
|          |      | 33 EATING AND DRINKING PLACES  |           |
|          |      | 34 OTHER RETAIL TRADE  |           |
|          |      | 35 BANKING AND OTHER FINANCE   |           |
|          |      | 36 INSURANCE AND REAL ESTATE   |           |
|          |      | 37 PRIVATE HOUSEHOLD SERVICES  |           |
|          |      | 38 BUSINESS SERVICES   |           |
|          |      | 39 AUTOMOBILE AND REPAIR SERVICES                                    |           |
|          |      | 40 PERSONAL SERV EXC PRIVATE<br>HOUSEHOLDS                           |           |
|          |      | 41 ENTERTAINMENT & RECREATION<br>SERVICES                            |           |
|          |      | 42 HOSPITALS   |           |
|          |      | 43 HEALTH SERVICES, EXC. HOSPITALS                                   |           |
|          |      | 44 EDUCATIONAL SERVICES  |           |
|          |      | 45 SOCIAL SERVICES   |           |
|          |      | 46 OTHER PROFESSIONAL SERVICES                                       |           |
|          |      | 47 FORESTRY & FISHERIES  |           |
|          |      | 48 JUSTICE, PUBLIC ORDER & SAFETY                                    |           |
|          |      | 49 ADMIN OF HUMAN RESOURCE PROGRAMS                                  |           |
|          |      | 50 NATIONAL SECURITY & INTERNAL<br>AFFAIRS                           |           |
|          |      | 51 OTHER PUBLIC ADMINISTRATION                                       |           |
|          |      | 52 ARMED FORCES  |           |
| PRDTIND2 | 2    | DETAILED INDUSTRY RECODE - JOB 2                                     | 474 - 475 |
|          |      | EDITED UNIVERSE:<br>PRIOELG = 1 AND PEMJOT = 1 AND HRMIS =<br>4 OR 8 |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 GOODS PRODUCING-AGRICULTURAL<br>SERVICES                           |           |
|          |      | 2 GOODS PRODUCING-OTHER<br>AGRICULTURAL                              |           |
|          |      | 3 MINING   |           |
|          |      | 4 CONSTRUCTION   |           |

| NAME | SIZE | DESCRIPTION                              | LOCATION |
|------|------|--|----------|
|      | 5    | MFG-LUMBER & WOOD PRODS, EX FURNITURE    |          |
|      | 6    | MFG-FURNITURE & FIXTURES                 |          |
|      | 7    | MFG-STONE, CLAY, CONCRETE, GLASS PRODS   |          |
|      | 8    | MFG-PRIMARY METALS                       |          |
|      | 9    | MFG-FABRICATED METALS                    |          |
|      | 10   | MFG-NOT SPECIFIED METAL INDUSTRIES       |          |
|      | 11   | MFG-MACHINERY, EX ELECTRICAL             |          |
|      | 12   | MFG-ELECTRICAL MACHINERY, EQUIP SUPPLIES |          |
|      | 13   | MFG-MOTOR VEHICLES & EQUIP               |          |
|      | 14   | MFG-AIRCRAFT & PARTS                     |          |
|      | 15   | MFG-OTHER TRANSPORTATION EQUIPMENT       |          |
|      | 16   | MFG-PROFESSIONAL & PHOTO EQUIP, WATCHES  |          |
|      | 17   | MFG-TOYS, AMUSEMENT & SPORTING GOODS     |          |
|      | 18   | MFG-MISC & NEC MFG INDUSTRIES            |          |
|      | 19   | MFG-FOOD & KINDRED PRODS                 |          |
|      | 20   | MFG-TOBACCO PRODS                        |          |
|      | 21   | MFG-TEXTILE MILL PRODS                   |          |
|      | 22   | MFG-APPAREL & OTHER FINISHED TEXTILE PR  |          |
|      | 23   | MFG-PAPER & ALLIED PRODUCTS              |          |
|      | 24   | MFG-PRINTING, PUBLISHING & ALLIED INDS   |          |
|      | 25   | MFG-CHEMICALS & ALLIED PRODS             |          |
|      | 26   | MFG-PETROLEUM & COAL PRODS               |          |
|      | 27   | MFG-RUBBER & MISC PLASTIC PRODS          |          |
|      | 28   | MFG-LEATHER & LEATHER PRODS              |          |
|      | 29   | TRANSPORTATION                           |          |
|      | 30   | COMMUNICATIONS                           |          |
|      | 31   | UTILITIES & SANITARY SERVICES            |          |
|      | 32   | WHOLESALE TRADE                          |          |
|      | 33   | EATING AND DRINKING PLACES               |          |
|      | 34   | OTHER RETAIL TRADE                       |          |
|      | 35   | BANKING AND OTHER FINANCE                |          |
|      | 36   | INSURANCE AND REAL ESTATE                |          |
|      | 37   | PRIVATE HOUSEHOLD SERVICES               |          |
|      | 38   | BUSINESS SERVICES                        |          |
|      | 39   | AUTOMOBILE AND REPAIR SERVICES           |          |
|      | 40   | PERSONAL SERV EXC PRIVATE HOUSEHOLDS     |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 41 ENTERTAINMENT & RECREATION SERVICES                     |           |
|          |      | 42 HOSPITALS   |           |
|          |      | 43 HEALTH SERVICES, EXC. HOSPITALS                         |           |
|          |      | 44 EDUCATIONAL SERVICES                                    |           |
|          |      | 45 SOCIAL SERVICES   |           |
|          |      | 46 OTHER PROFESSIONAL SERVICES                             |           |
|          |      | 47 FORESTRY & FISHERIES                                    |           |
|          |      | 48 JUSTICE, PUBLIC ORDER & SAFETY                          |           |
|          |      | 49 ADMIN OF HUMAN RESOURCE PROGRAMS                        |           |
|          |      | 50 NATIONAL SECURITY & INTERNAL AFFAIRS                    |           |
|          |      | 51 OTHER PUBLIC ADMINISTRATION                             |           |
|          |      | 52 ARMED FORCES  |           |
| PRDTOCC1 | 2    | DETAILED OCCUPATION RECODE - JOB 1                         | 476 - 477 |
|          |      | EDITED UNIVERSE:<br>PRIOELG = 1                            |           |
|          |      | VALID ENTRIES  |           |
|          |      | 1 OFFICIALS & ADMINISTRATORS,<br>PUBLIC ADMIN.             |           |
|          |      | 2 OTHER EXECUTIVE, ADMIN. &<br>MANAGERIAL                  |           |
|          |      | 3 MANAGEMENT RELATED OCCUPATIONS                           |           |
|          |      | 4 ENGINEERS  |           |
|          |      | 5 MATHEMATICAL AND COMPUTER<br>SCIENTISTS                  |           |
|          |      | 6 NATURAL SCIENTISTS                                       |           |
|          |      | 7 HEALTH DIAGNOSING OCCUPATIONS                            |           |
|          |      | 8 HEALTH ASSESSMENT AND TREATMENT<br>OCCUPATIONS           |           |
|          |      | 9 TEACHERS, COLLEGE AND UNIVERSITY                         |           |
|          |      | 10 TEACHERS, EXCEPT COLLEGE AND<br>UNIVERSITY              |           |
|          |      | 11 LAWYERS AND JUDGES                                      |           |
|          |      | 12 OTHER PROFESSIONAL SPECIALTY<br>OCCUPATIONS             |           |
|          |      | 13 HEALTH TECHNOLOGISTS AND<br>TECHNICIANS                 |           |
|          |      | 14 ENGINEERING AND SCIENCE<br>TECHNICIANS                  |           |
|          |      | 15 TECHNICIANS, EXCEPT HEALTH,<br>ENGINEERING, AND SCIENCE |           |

| NAME | SIZE | DESCRIPTION   | LOCATION |
|------|------|---|----------|
|      | 16   | SUPERVISORS AND PROPRIETORS,<br>SALES OCCUPATIONS       |          |
|      | 17   | SALES REPs, FINANCE AND BUSINESS<br>SERVICES            |          |
|      | 18   | SALES REPs, COMMODITIES, EXCEPT<br>RETAIL               |          |
|      | 19   | SALES WORKERS, RETAIL & PERSONAL<br>SERVICES            |          |
|      | 20   | SALES RELATED OCCUPATIONS                               |          |
|      | 21   | SUPERVISORS, ADMINISTRATIVE<br>SUPPORT                  |          |
|      | 22   | COMPUTER EQUIPMENT OPERATORS                            |          |
|      | 23   | SECRETARIES, STENOGRAPHERS, AND<br>TYPISTS              |          |
|      | 24   | FINANCIAL RECORDS PROCESSING                            |          |
|      | 25   | MAIL AND MESSAGE DISTRIBUTION                           |          |
|      | 26   | OTHER ADMIN. SUPPORT, INCLUDING<br>CLERICAL             |          |
|      | 27   | PRIVATE HOUSEHOLD SERVICE<br>OCCUPATIONS                |          |
|      | 28   | PROTECTIVE SERVICE                                      |          |
|      | 29   | FOOD SERVICE  |          |
|      | 30   | HEALTH SERVICE  |          |
|      | 31   | CLEANING AND BUILDING SERVICE                           |          |
|      | 32   | PERSONAL SERVICE  |          |
|      | 33   | MECHANICS AND REPAIRERS                                 |          |
|      | 34   | CONSTRUCTION TRADES                                     |          |
|      | 35   | OTHER PRECISION PRODUCTION,<br>CRAFT, AND REPAIR        |          |
|      | 36   | MACHINE OPERATORS, AND TENDERS,<br>EXCEPT PRECISION     |          |
|      | 37   | FABRICATORS, ASSEMBLERS,<br>INSPECTORS, SAMPLERS        |          |
|      | 38   | MOTOR VEHICLE OPERATORS                                 |          |
|      | 39   | OTHER TRANSPORTATION AND MATERIAL<br>MOVING OCCUPATIONS |          |
|      | 40   | CONSTRUCTION LABORERS                                   |          |
|      | 41   | FREIGHT, STOCK, & MATERIALS<br>HANDLERS                 |          |
|      | 42   | OTHER HANDLERS, EQUIPT. CLEANERS,<br>HELPERS, LABORERS  |          |
|      | 43   | FARM OPERATORS AND MANAGERS                             |          |
|      | 44   | FARM WORKERS AND RELATED<br>OCCUPATIONS                 |          |
|      | 45   | FORESTRY AND FISHING OCCUPATIONS                        |          |
|      | 46   | ARMED FORCES  |          |

| NAME     | SIZE | DESCRIPTION                | LOCATION  |
|----------|------|----------------------------|-----------|
| PRDTOCC2 | 2    | DETAILED OCCUPATION RECODE | 478 - 479 |

EDITED UNIVERSE:  
 PRIOELG = 1 AND PEMJOT = 1 AND HRMIS =  
 4 OR 8

VALID ENTRIES

- 1 OFFICIALS & ADMINISTRATORS,  
PUBLIC ADMIN.
- 2 OTHER EXECUTIVE, ADMIN. &  
MANAGERIAL
- 3 MANAGEMENT RELATED OCCUPATIONS
- 4 ENGINEERS
- 5 MATHEMATICAL AND COMPUTER  
SCIENTISTS
- 6 NATURAL SCIENTISTS
- 7 HEALTH DIAGNOSING OCCUPATIONS
- 8 HEALTH ASSESSMENT AND TREATMENT  
OCCUPATIONS
- 9 TEACHERS, COLLEGE AND UNIVERSITY
- 10 TEACHERS, EXCEPT COLLEGE AND  
UNIVERSITY
- 11 LAWYERS AND JUDGES
- 12 OTHER PROFESSIONAL SPRCIALITY  
OCCUPATIONS
- 13 HEALTH TECHNOLOGISTS AND  
TECHNICIANS
- 14 ENGINEERING AND SCIENCE  
TECHNICIANS
- 15 TECHNICIANS, EXCEPT HEALTH,  
ENGINEERING, AND SCIENCE
- 16 SUPERVISORS AND PROPRIETORS,  
SALES OCCUPATIONS
- 17 SALES REPs, FINANCE AND BUSINESS  
SERVICES
- 18 SALES REPs, COMMODITIES, EXCEPT  
RETAIL
- 19 SALES WORKERS, RETAIL & PERSONAL  
SERVICES
- 20 SALES RELATED OCCUPATIONS
- 21 SUPERVISORS, ADMINISTRATIVE  
SUPPORT
- 22 COMPUTER EQUIPMENT OPERATORS
- 23 SECRETARIES, STENOGRAPHERS, AND  
TYPISTS

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
|       |      | 24 FINANCIAL RECORDS PROCESSING  |           |
|       |      | 25 MAIL AND MESSAGE DISTRIBUTION                                       |           |
|       |      | 26 OTHER ADMIN. SUPPORT, INCLUDING<br>CLERICAL                         |           |
|       |      | 27 PRIVATE HOUSEHOLD SERVICE<br>OCCUPATIONS                            |           |
|       |      | 28 PROTECTIVE SERVICE  |           |
|       |      | 29 FOOD SERVICE  |           |
|       |      | 30 HEALTH SERVICE  |           |
|       |      | 31 CLEANING AND BUILDING SERVICE                                       |           |
|       |      | 32 PERSONAL SERVICE  |           |
|       |      | 33 MECHANICS AND REPAIRERS   |           |
|       |      | 34 CONSTRUCTION TRADES   |           |
|       |      | 35 OTHER PRECISION PRODUCTION,<br>CRAFT, AND REPAIR                    |           |
|       |      | 36 MACHINE OPERATORS, AND TENDERS,<br>EXCEPT PRECISION                 |           |
|       |      | 37 FABRICATORS, ASSEMBLERS,<br>INSPECTORS, SAMPLERS                    |           |
|       |      | 38 MOTOR VEHICLE OPERATORS   |           |
|       |      | 39 OTHER TRANSPORTATION AND MATERIAL<br>MOVING OCCUPATIONS             |           |
|       |      | 40 CONSTRUCTION LABORERS   |           |
|       |      | 41 FREIGHT, STOCK, & MATERIALS<br>HANDLERS                             |           |
|       |      | 42 OTHER HANDLERS, EQUIPT. CLEANERS,<br>HELPERS, LABORERS              |           |
|       |      | 43 FARM OPERATORS AND MANAGERS   |           |
|       |      | 44 FARM WORKERS AND RELATED<br>OCCUPATIONS                             |           |
|       |      | 45 FORESTRY AND FISHING OCCUPATIONS                                    |           |
|       |      | 46 ARMED FORCES  |           |
| PREMP | 2    | EMPLOYED PERSONS (NON-FARM<br>& NON-PRIVATE HHLD) RECODE               | 480 - 481 |
|       |      | EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br>AND PEIO1OCD ne 403-407, 473-484 |           |
|       |      | VALID ENTRY  |           |
|       |      | 1 EMPLOYED PERSONS (EXC. FARM &<br>PRIV HH)                            |           |

| NAME     | SIZE | DESCRIPTION                   | LOCATION  |
|----------|------|-------------------------------|-----------|
| PRMJIND1 | 2    | MAJOR INDUSTRY RECODE - JOB 1 | 482 - 483 |

EDITED UNIVERSE:  
PRDTIND1 = 1-51

VALID ENTRIES

- 1 AGRICULTURE
- 2 MINING
- 3 CONSTRUCTION
- 4 MANUFACTURING - DURABLE GOODS
- 5 MANUFACTURING - NON-DURABLE GOODS
- 6 TRANSPORTATION
- 7 COMMUNICATIONS
- 8 UTILITIES AND SANITARY SERVICES
- 9 WHOLESALE TRADE
- 10 RETAIL TRADE
- 11 FINANCE, INSURANCE, AND REAL ESTATE
- 12 PRIVATE HOUSEHOLDS
- 13 BUSINESS, AUTO AND REPAIR SERVICES
- 14 PERSONAL SERVICES, EXC. PRIVATE HHLDS
- 15 ENTERTAINMENT AND RECREATION SERVICES
- 16 HOSPITALS
- 17 MEDICAL SERVICES, EXC. HOSPITALS
- 18 EDUCATIONAL SERVICES
- 19 SOCIAL SERVICES
- 20 OTHER PROFESSIONAL SERVICES
- 21 FORESTRY AND FISHERIES
- 22 PUBLIC ADMINISTRATION
- 23 ARMED FORCES

|          |   |                               |           |
|----------|---|-------------------------------|-----------|
| PRMJIND2 | 2 | MAJOR INDUSTRY RECODE - JOB 2 | 484 - 485 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE:  
PRDTIND2 = 1-51

VALID ENTRIES

- 1 AGRICULTURE
- 2 MINING
- 3 CONSTRUCTION
- 4 MANUFACTURING - DURABLE GOODS

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 5 MANUFACTURING - NON-DURABLE GOODS                         |           |
|         |      | 6 TRANSPORTATION  |           |
|         |      | 7 COMMUNICATIONS  |           |
|         |      | 8 UTILITIES AND SANITARY SERVICES                           |           |
|         |      | 9 WHOLESALE TRADE   |           |
|         |      | 10 RETAIL TRADE   |           |
|         |      | 11 FINANCE, INSURANCE, AND REAL ESTATE                      |           |
|         |      | 12 PRIVATE HOUSEHOLDS                                       |           |
|         |      | 13 BUSINESS, AUTO AND REPAIR SERVICES                       |           |
|         |      | 14 PERSONAL SERVICES, EXC. PRIVATE HHLDS                    |           |
|         |      | 15 ENTERTAINMENT AND RECREATION SERVICES                    |           |
|         |      | 16 HOSPITALS  |           |
|         |      | 17 MEDICAL SERVICES, EXC. HOSPITALS                         |           |
|         |      | 18 EDUCATIONAL SERVICES                                     |           |
|         |      | 19 SOCIAL SERVICES  |           |
|         |      | 20 OTHER PROFESSIONAL SERVICES                              |           |
|         |      | 21 FORESTRY AND FISHERIES                                   |           |
|         |      | 22 PUBLIC ADMINISTRATION                                    |           |
|         |      | 23 ARMED FORCES   |           |
| PRMJOC1 | 2    | MAJOR OCCUPATION RECODE<br>- JOB 1                          | 486 - 487 |
|         |      | EDITED UNIVERSE:<br>PRDTOCC1 = 1-46                         |           |
|         |      | VALID ENTRIES   |           |
|         |      | 1 EXECUTIVE, ADMINISTRATIVE, &<br>MANAGERIAL OCCUPATIONS    |           |
|         |      | 2 PROFESSIONAL SPECIALTY<br>OCCUPATIONS                     |           |
|         |      | 3 TECHNICIANS AND RELATED SUPPORT<br>OCCUPATIONS            |           |
|         |      | 4 SALES OCCUPATIONS   |           |
|         |      | 5 ADMINISTRATIVE SUPPORT<br>OCCUPATIONS, INCLUDING CLERICAL |           |
|         |      | 6 PRIVATE HOUSEHOLD OCCUPATIONS                             |           |
|         |      | 7 PROTECTIVE SERVICE OCCUPATIONS                            |           |
|         |      | 8 SERVICE OCCUPATIONS, EXCEPT<br>PROTECTIVE & HHLD          |           |



| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
|         |      | 9 PRECISION PRODUCTION, CRAFT & REPAIR OCCUPATIONS       |           |
|         |      | 10 MACHINE OPERATORS, ASSEMBLERS & INSPECTORS            |           |
|         |      | 11 TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS        |           |
|         |      | 12 HANDLERS, EQUIP CLEANERS, HELPERS, LABORERS           |           |
|         |      | 13 FARMING, FORESTRY AND FISHING OCCUPATIONS             |           |
|         |      | 14 ARMED FORCES  |           |
| PRMJOC2 | 2    | MAJOR OCCUPATION RECODE<br>- JOB 2                       | 488 - 489 |
|         |      | EDITED UNIVERSE:<br>PRDTOCC2 = 1-46                      |           |
|         |      | VALID ENTRIES  |           |
|         |      | 1 EXECUTIVE, ADMINISTRATIVE, & MANAGERIAL OCCUPATIONS    |           |
|         |      | 2 PROFESSIONAL SPECIALTY OCCUPATIONS                     |           |
|         |      | 3 TECHNICIANS AND RELATED SUPPORT OCCUPATIONS            |           |
|         |      | 4 SALES OCCUPATIONS                                      |           |
|         |      | 5 ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL |           |
|         |      | 6 PRIVATE HOUSEHOLD OCCUPATIONS                          |           |
|         |      | 7 PROTECTIVE SERVICE OCCUPATIONS                         |           |
|         |      | 8 SERVICE OCCUPATIONS, EXCEPT PROTECTIVE & HHL D         |           |
|         |      | 9 PRECISION PRODUCTION, CRAFT & REPAIR OCCUPATIONS       |           |
|         |      | 10 MACHINE OPERATORS, ASSEMBLERS & INSPECTORS            |           |
|         |      | 11 TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS        |           |
|         |      | 12 HANDLERS, EQUIP CLEANERS, HELPERS, LABORERS           |           |
|         |      | 13 FARMING, FORESTRY AND FISHING OCCUPATIONS             |           |
|         |      | 14 ARMED FORCES  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRMJOCGR | 2    | <p>MAJOR OCCUPATION CATEGORIES</p> <p>EDITED UNIVERSE:<br/>PRMJOC = 1-13</p> <p>VALID ENTRIES</p> <p>1     MANAGERAIL &amp; PROFESSIONAL,<br/>          TECHNICAL,<br/>          SALES &amp; SUPPORT OCCUPATIONS</p> <p>2     SERVICE OCCUPATIONS</p> <p>3     PRODUCTION, CRAFT, REPAIR,<br/>          OPERATORS</p> <p>4     FARMING, FORESTRY &amp; FISHING<br/>          OCCUPATIONS</p> | 490 - 491 |
| PRNAGPWS | 2    | <p>NON-AGRICULTURE, PRIVATE<br/>WAGE AND SALARY WORKERS RECODE</p> <p>EDITED UNIVERSE:<br/>PRCOW1 = 1 AND PEIO1ICD ne 761 OR 010-030</p> <p>VALID ENTRY</p> <p>1     NON-AG PRIV WAGE &amp; SALARY (EX<br/>          PRIV HH)</p>  | 492 - 493 |
| PRNAGWS  | 2    | <p>NON-AGRICULTURE WAGE AND<br/>SALARY WORKERS RECODE</p> <p>EDITED UNIVERSE:<br/>PEMLR = 1-4 AND PRCOW = 1-4<br/>AND PEIO1ICD ne 010-030</p> <p>VALID ENTRY</p> <p>1     NON-AG WAGE AND SALARY WORKERS</p>   | 494 - 495 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRSJMJ   | 2    | SINGLE/MULTIPLE JOBHOLDER<br><br>EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br><br>VALID ENTRIES<br><br>1 SINGLE JOBHOLDER<br>2 MULTIPLE JOBHOLDER  | 496 - 497 |
| PRERELG  | 2    | EARNINGS ELIGIBILITY FLAG<br><br>EDITED UNIVERSE:<br>PEMLR = 1-2 AND HRMIS = 4 OR 8<br><br>VALID ENTRIES<br><br>0 NOT ELIGIBLE FOR EDIT<br>1 ELIGIBLE FOR EDIT                        | 498 - 499 |
| PEERNUOT | 2    | DO YOU USUALLY RECEIVE OVERTIME PAY,<br>TIPS, OR COMMISSIONS AT YOUR JOB?<br><br>EDITED UNIVERSE:<br>PRERELG = 1<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO                            | 500 - 501 |
| PEERNPER | 2    | PERIODICITY<br><br>EDITED UNIVERSE:<br>PRERELG = 1<br><br>VALID ENTRIES<br><br>1 HOURLY<br>2 WEEKLY<br>3 BI-WEEKLY<br>4 TWICE MONTHLY<br>5 MONTHLY<br>6 ANNUALLY<br>7 OTHER - SPECIFY | 502 - 503 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEERNRT  | 2    | (EVEN THOUGH YOU TOLD ME IT IS EASIER TO REPORT YOUR EARNINGS (PERIODICITY); ARE YOU PAID AT AN HOURLY RATE ON YOUR (MAIN/THIS) JOB?<br><br>EDITED UNIVERSE:<br>PEERNPER = 2-7<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO   | 504 - 505 |
| PEERNHRY | 2    | HOURLY/NONHOURLY STATUS<br><br>EDITED UNIVERSE:<br>PRERELG = 1<br><br>VALID ENTRIES<br><br>1 HOURLY WORKER<br>2 NONHOURLY WORKER   | 506 - 507 |
| PUERNH1C | 4    | WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNH1C < or = 2884.61) | 508 - 511 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEERNH2  | 4    | (EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB?<br>DOLLAR AMOUNT - 2 IMPLIED DECIMALS<br><br>EDITED UNIVERSE:<br>PEERNRT = 1<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the in PEERNHRO such that PEERNHRO x PEERNH2 < or = 2884.61) | 512 - 515 |
| PEERNH10 | 4    | OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS)<br><br>EDITED UNIVERSE:<br>PEERNPER = 1<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)  | 516 - 519 |
| PRERNHLY | 4    | RECODE FOR HOURLY RATE<br>2 IMPLIED DECIMALS<br><br>EDITED UNIVERSE:<br>PEERNPER = 1 OR PEERNRT = 1<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)   | 520 - 523 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PTHR     | 1    | HOURLY PAY - TOP CODE                                   | 524 - 524 |
|          |      | VALID ENTRIES   |           |
|          |      | 0 NOT TOPCODED  |           |
|          |      | 1 TOPCODED  |           |
| PEERNHRO | 2    | USUAL HOURS   | 525 - 526 |
|          |      | EDITED UNIVERSE:<br>PEERNH10 = ENTRY                    |           |
|          |      | VALID ENTRIES   |           |
|          |      | 0 MIN VALUE<br>99 MAX VALUE                             |           |
| PRERNWA  | 8    | WEEKLY EARNINGS RECODE<br>2 IMPLIED DECIMALS            | 527 - 534 |
|          |      | EDITED UNIVERSE:<br>PRERELG = 1                         |           |
|          |      | VALID ENTRIES   |           |
|          |      | 0 MIN VALUE<br>288461 MAX VALUE                         |           |
| PTWK     | 1    | WEEKLY EARNINGS - TOP CODE                              | 535 - 535 |
|          |      | 0 NOT TOPCODED  |           |
|          |      | 1 TOPCODED  |           |
| FILLER   | 4    | FILLER  | 536 - 539 |
| PEERN    | 8    | CALCULATED WEEKLY OVERTIME AMOUNT<br>2 IMPLIED DECIMALS | 540 - 547 |
|          |      | EDITED UNIVERSE:<br>PEERNUOT = 1 AND PEERNPER = 1       |           |
|          |      | VALID ENTRIES   |           |
|          |      | 0 MIN VALUE<br>288461 MAX VALUE                         |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUERN2   | 8    | CALCULATED WEEKLY<br>OVERTIME AMOUNT<br>2 IMPLIED DECIMALS<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>288461 MAX VALUE  | 548 - 555 |
| PTOT     | 1    | WEEKLY OVERTIME AMOUNT - TOP CODE<br><br>VALID ENTRIES<br><br>0 NOT TOPCODED<br>1 TOPCODED  | 556 - 556 |
| FILLER   | 2    | FILLER  | 557 - 558 |
| PEERNWKP | 2    | HOW MANY WEEKS A YEAR DO YOU<br>GET PAID FOR?<br><br>EDITED UNIVERSE:<br>PEERNPER = 6<br><br>VALID ENTRIES<br><br>01 MIN VALUE<br>52 MAX VALUE  | 559 - 560 |
| PEERNLAB | 2    | ON THIS JOB, ARE YOU A MEMBER OF A<br>LABOR UNION OR OF AN EMPLOYEE<br>ASSOCIATION<br>SIMILAR TO A UNION?<br><br>EDITED UNIVERSE:<br>(PEIO1COW = 1-5 AND PEMLR = 1-2<br>AND HRMIS = 4, 8)<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 561 - 562 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEERNCOV | 2    | <p>ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT?</p> <p>EDITED UNIVERSE:<br/>(PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)</p> <p>VALID ENTRIES</p> <p>1      YES<br/>2      NO</p>                     | 563 - 564 |
| PENLFJH  | 2    | <p>WHEN DID YOU LAST WORK AT A JOB OR BUSINESS?</p> <p>EDITED UNIVERSE:<br/>HRMIS = 4 OR 8 AND PEMLR = 3-7</p> <p>VALID ENTRIES</p> <p>1      WITHIN THE LAST 12 MONTHS<br/>2      MORE THAN 12 MONTHS AGO<br/>3      NEVER WORKED</p> | 565 - 566 |
| PENLFRET | 2    | <p>ARE YOU RETIRED FROM A JOB OR BUSINESS?</p> <p>EDITED UNIVERSE:<br/>PEAGE = 50+ AND PEMLR = 3-7</p> <p>VALID ENTRIES</p> <p>1      YES<br/>2      NO</p>  | 567 - 568 |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PENLFACT | 2    | <p>WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE?</p> <p>EDITED UNIVERSE:<br/>(PEAGE = 14-49) or (PENLFRET = 2)</p> <p>VALID ENTRIES</p> <p>1     DISABLED<br/>2     ILL<br/>3     IN SCHOOL<br/>4     TAKING CARE OF HOUSE OR FAMILY<br/>5     IN RETIREMENT<br/>6     SOMETHING ELSE/OTHER</p> | 569 - 570 |
| PUNLFCK1 | 2    | <p>NOT IN LABOR FORCE<br/>CHECK ITEM - 1</p> <p>VALID ENTRIES</p> <p>1     IF AGERNG EQUALS 1-4 OR 9<br/>       THEN GOTO NLFACT<br/>2     ALL OTHERS GO TO NLFRET</p>   | 571 - 572 |
| PUNLFCK2 | 2    | <p>NOT IN LABOR FORCE<br/>CHECK ITEM - 2</p> <p>VALID ENTRIES</p> <p>1     IF MISCK EQUALS 4 OR 8 THEN GOTO<br/>       NLFJH<br/>2     ALL OTHERS GOTO LBFR-END</p>  | 573 - 574 |
| PESCHENR | 2    | <p>LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?</p> <p>EDITED UNIVERSE:<br/>PRPERTYP = 2 and PEAGE = 16-24</p> <p>VALID ENTRIES</p> <p>1     YES<br/>2     NO</p>  | 575 - 576 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PESCHFT  | 2    | ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT?<br><br>EDITED UNIVERSE:<br>PESCHLVL = 1, 2<br><br>VALID ENTRIES<br><br>1 FULL-TIME<br>2 PART-TIME      | 577 - 578 |
| PESCHLVL | 2    | WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY?<br><br>EDITED UNIVERSE:<br>PESCHENR = 1<br><br>VALID ENTRIES<br><br>1 HIGH SCHOOL<br>2 COLLEGE OR UNIVERSITY        | 579 - 580 |
| PRNLFSCH | 2    | NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL<br><br>EDITED UNIVERSE:<br>PENLFACT = -1 OR 1-6 AND PEAGE = 16-24<br><br>VALID ENTRIES<br><br>1 IN SCHOOL<br>2 NOT IN SCHOOL | 581 - 582 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
|         |      | PERSON'S WEIGHTS   |           |
| PWFMWGT | 10   | FAMILY WEIGHT<br>(4 IMPLIED DECIMALS)<br>ONLY USED FOR TALLYING FAMILY<br>CHARACTERISTICS.<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1-3   | 583 - 592 |
| PWLGWGT | 10   | LONGITUDINAL WEIGHT<br>(4 IMPLIED DECIMALS)<br>ONLY FOUND ON ADULT RECORDS MATCHED<br>FROM MONTH TO MONTH.<br>(USED FOR GROSS FLOWS ANALYSIS)<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2  | 593 - 602 |
| PWORWGT | 10   | OUTGOING ROTATION WEIGHT<br>(4 IMPLIED DECIMALS)<br>USED FOR TALLYING INFORMATION<br>COLLECTED ONLY IN OUTGOING ROTATIONS<br>(i.e., EARNINGS, 2nd JOB I & O,<br>DETAILED NILF)<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2             | 603 - 612 |
| PWSSWGT | 10   | FINAL WEIGHT<br>(4 IMPLIED DECIMAL PLACES)<br>USED FOR MOST TABULATIONS, CONTROLLED<br>TO INDEPENDENT ESTIMATES FOR 1)<br>STATES; 2) ORIGIN, SEX,<br>AND AGE; AND 3) AGE, RACE, AND SEX.<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1-3 | 613 - 622 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PWVETWGT | 10   | VETERANS WEIGHT<br>(4 IMPLIED DECIMALS)<br>USED FOR TALLYING VETERAN'S DATA ONLY,<br>CONTROLLED TO ESTIMATES OF VETERANS<br>SUPPLIED BY VA.<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2 | 623 - 632 |
| PRCHLD   | 2    | Presence of own children <18 years of age by<br>selected age group  | 633 - 634 |

\*\*\*\*\*  
\* (STARTING NOVEMBER 1999) \*  
\*\*\*\*\*

EDITED UNIVERSE: PRFAMREL = 1 or 2

#### VALID ENTRIES

- 1 NIU (Not a parent)
- 0 No own children under 18 years of age
- 1 All own children 0- 2 years of age
- 2 All own children 3- 5 years of age
- 3 All own children 6-13 years of age
- 4 All own children 14-17 years of age
- 5 Own children 0- 2 and 3-5 years  
of age (none 6-17)
- 6 Own children 0- 2 and 6-13 years  
of age (none 3- 5 or 14-17)
- 7 Own children 0- 2 and 14-17  
years of age (none 3-13)
- 8 Own children 3- 5 and 6-13 years  
of age (none 0- 2 or 14-17)
- 9 Own children 3- 5 and 14-17  
years of age (none 0- 2 or 6- 13)
- 10 Own children 6-13 and 14-17  
years of age (none 0- 5)
- 11 Own children 0- 2, 3- 5, and  
6-13 years of age (none 14-17)
- 12 Own children 0- 2, 3- 5, and  
14-17 years of age (none 6-13)

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
|          |      | 13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5) |          |
|          |      | 14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2) |          |
|          |      | 15 Own children from all age groups                            |          |
| PRNMCHLD | 2    | Number of own children <18 years of age                        | 635-636  |

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\* (STARTING NOVEMBER 1999) \*

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EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

-1 NIU (Not a parent)  
0:99 Number of own children under 18 years of age

|        |   |                          |           |
|--------|---|--------------------------|-----------|
| FILLER | 2 | (STARTING NOVEMBER 1999) | 637 - 638 |
|--------|---|--------------------------|-----------|

ALLOCATION FLAGS

|          |   |                 |           |
|----------|---|-----------------|-----------|
| PRWERNAL | 2 | ALLOCATION FLAG | 639 - 640 |
|----------|---|-----------------|-----------|

WEEKLY EARNINGS RECODE (PRERNWA)  
ALLOCATION FLAG

EDITED UNIVERSE:  
PRERELG = 1

00 NO ALLOCATION  
01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED

|          |   |                 |           |
|----------|---|-----------------|-----------|
| PRHERNAL | 2 | ALLOCATION FLAG | 641 - 642 |
|----------|---|-----------------|-----------|

HOURLY EARNINGS RECODE (PRERNHLY)  
ALLOCATION FLAG

EDITED UNIVERSE:  
PRERNHRY = 1

00 NO ALLOCATION  
01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| HXTENURE | 2    | ALLOCATION FLAG | 643 - 644 |
| HXHOUSUT | 2    | ALLOCATION FLAG | 645 - 646 |
| HXTELHHD | 2    | ALLOCATION FLAG | 647 - 648 |
| HXTELAVL | 2    | ALLOCATION FLAG | 649 - 650 |
| HXPHONEO | 2    | ALLOCATION FLAG | 651 - 652 |
| PXINUSYR | 2    | ALLOCATION FLAG | 653 - 654 |
| PXRRP    | 2    | ALLOCATION FLAG | 655 - 656 |
| PXPARENT | 2    | ALLOCATION FLAG | 657 - 658 |
| PXAGE    | 2    | ALLOCATION FLAG | 659 - 660 |
| PXMARITL | 2    | ALLOCATION FLAG | 661 - 662 |
| PXSPOUSE | 2    | ALLOCATION FLAG | 663 - 664 |
| PXSEX    | 2    | ALLOCATION FLAG | 665 - 666 |
| PXAFWHEN | 2    | ALLOCATION FLAG | 667 - 668 |
| PXAFNOW  | 2    | ALLOCATION FLAG | 669 - 670 |
| PXEDUCA  | 2    | ALLOCATION FLAG | 671 - 672 |
| PXRACE   | 2    | ALLOCATION FLAG | 673 - 674 |
| PXNATVTY | 2    | ALLOCATION FLAG | 675 - 676 |
| PXMNTVTY | 2    | ALLOCATION FLAG | 677 - 678 |
| PXFNTVTY | 2    | ALLOCATION FLAG | 679 - 680 |
| FILLER   | 2    | FILLER          | 681 - 682 |
| PXORIGIN | 2    | ALLOCATION FLAG | 683 - 684 |
| PXMLR    | 2    | ALLOCATION FLAG | 685 - 686 |
| PXRET1   | 2    | ALLOCATION FLAG | 687 - 688 |

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXABSRSN | 2    | ALLOCATION FLAG | 689 - 690 |
| PXABSPDO | 2    | ALLOCATION FLAG | 691 - 692 |
| PXMJOT   | 2    | ALLOCATION FLAG | 693 - 694 |
| PXMJNUM  | 2    | ALLOCATION FLAG | 695 - 696 |
| PXHRUSL1 | 2    | ALLOCATION FLAG | 697 - 698 |
| PXHRUSL2 | 2    | ALLOCATION FLAG | 699 - 700 |
| PXHRFTPT | 2    | ALLOCATION FLAG | 701 - 702 |
| PXHRUSLT | 2    | ALLOCATION FLAG | 703 - 704 |
| PXHRWANT | 2    | ALLOCATION FLAG | 705 - 706 |
| PXHRRSN1 | 2    | ALLOCATION FLAG | 707 - 708 |
| PXHRRSN2 | 2    | ALLOCATION FLAG | 709 - 710 |
| PXHRACT1 | 2    | ALLOCATION FLAG | 711 - 712 |
| PXHRACT2 | 2    | ALLOCATION FLAG | 713 - 714 |
| PXHRACTT | 2    | ALLOCATION FLAG | 715 - 716 |
| PXHRRSN3 | 2    | ALLOCATION FLAG | 717 - 718 |
| PXHRAVL  | 2    | ALLOCATION FLAG | 719 - 720 |
| PXLAYAVL | 2    | ALLOCATION FLAG | 721 - 722 |
| PXLAYLK  | 2    | ALLOCATION FLAG | 723 - 724 |
| PXLAYDUR | 2    | ALLOCATION FLAG | 725 - 726 |
| PXLAYFTO | 2    | ALLOCATION FLAG | 727 - 728 |
| PXLKM1   | 2    | ALLOCATION FLAG | 729 - 730 |
| PXLKAVL  | 2    | ALLOCATION FLAG | 731 - 732 |
| PXLKLL10 | 2    | ALLOCATION FLAG | 733 - 734 |

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXLKLL2O | 2    | ALLOCATION FLAG | 735 - 736 |
| PXLKLWO  | 2    | ALLOCATION FLAG | 737 - 738 |
| PXLKDUR  | 2    | ALLOCATION FLAG | 739 - 740 |
| PXLKFTO  | 2    | ALLOCATION FLAG | 741 - 742 |
| PXDWWNTO | 2    | ALLOCATION FLAG | 743 - 744 |
| PXDWRSN  | 2    | ALLOCATION FLAG | 745 - 746 |
| PXDWLKO  | 2    | ALLOCATION FLAG | 747 - 748 |
| PXDWWK   | 2    | ALLOCATION FLAG | 749 - 750 |
| PXDW4WK  | 2    | ALLOCATION FLAG | 751 - 752 |
| PXDWLKWK | 2    | ALLOCATION FLAG | 753 - 754 |
| PXDWAVL  | 2    | ALLOCATION FLAG | 755 - 756 |
| PXDWAVR  | 2    | ALLOCATION FLAG | 757 - 758 |
| PXJHWKO  | 2    | ALLOCATION FLAG | 759 - 760 |
| PXJHRSN  | 2    | ALLOCATION FLAG | 761 - 762 |
| PXJHWANT | 2    | ALLOCATION FLAG | 763 - 764 |
| PXIO1COW | 2    | ALLOCATION FLAG | 765 - 766 |
| PXIO1ICD | 2    | ALLOCATION FLAG | 767 - 768 |
| PXIO1OCD | 2    | ALLOCATION FLAG | 769 - 770 |
| PXIO2COW | 2    | ALLOCATION FLAG | 771 - 772 |
| PXIO2ICD | 2    | ALLOCATION FLAG | 773 - 774 |
| PXIO2OCD | 2    | ALLOCATION FLAG | 775 - 776 |
| PXERNUOT | 2    | ALLOCATION FLAG | 777 - 778 |
| PXERNPER | 2    | ALLOCATION FLAG | 779 - 780 |



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PXERNH1O | 2    | ALLOCATION FLAG   | 781 - 782 |
| PXERNHRO | 2    | ALLOCATION FLAG   | 783 - 784 |
| PXERN    | 2    | ALLOCATION FLAG   | 785 - 786 |
| FILLER   | 4    | FILLER  | 787 - 790 |
| PXERNWKP | 2    | ALLOCATION FLAG   | 791 - 792 |
| PXERNRT  | 2    | ALLOCATION FLAG   | 793 - 794 |
| PXERNHRY | 2    | ALLOCATION FLAG   | 795 - 796 |
| PXERNH2  | 2    | ALLOCATION FLAG   | 797 - 798 |
| PXERNLAB | 2    | ALLOCATION FLAG   | 799 - 800 |
| PXERNCOV | 2    | ALLOCATION FLAG   | 801 - 802 |
| PXNLFJH  | 2    | ALLOCATION FLAG   | 803 - 804 |
| PXNLFRET | 2    | ALLOCATION FLAG   | 805 - 806 |
| PXNLFACT | 2    | ALLOCATION FLAG   | 807 - 808 |
| PXSCHENR | 2    | ALLOCATION FLAG   | 809 - 810 |
| PXSCHFT  | 2    | ALLOCATION FLAG   | 811 - 812 |
| PXSCHLVL | 2    | ALLOCATION FLAG   | 813 - 814 |
| QSTNUM   | 5    | Unique household identifier.<br>Valid only within any specific month. | 815 - 819 |
| OCCURNUM | 2    | Unique person identifier.<br>Valid only within any specific month.    | 820 - 821 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEDIPGED | 2    | How did...get...s high school diploma?<br><br>EDITED UNIVERSE = PEEDUCA = 39<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 Graduation from high school<br>2 GED or other equivalent   | 822 - 823 |
| PEHGCOMP | 2    | What was the highest grade of regular school...completed before receiving...s GED?<br><br>EDITED UNIVERSE = PEDIPGED = 2<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 Less than 1st grade<br>2 1st, 2nd, 3rd, or 4th grade<br>3 5th or 6th grade<br>4 7th or 8th grade<br>5 9th grade<br>6 10th grade<br>7 11th grade<br>8 12th grade (no diploma) | 824 - 825 |
| PECYC    | 2    | How many years of college credit has...completed?<br><br>EDITED UNIVERSE: PEEDUCA =40-42<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 Less than 1 year (includes 0 years completed)<br>2 The first or Freshman year<br>3 The second or Sophomore year<br>4 The third or Junior year<br>5 Four or more years  | 826 - 827 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEGRPROF  | 2    | Since completing...bachelor's degree, have you taken any graduate or professional school courses for credit?<br><br>EDITED UNIVERSE: PEEDUCA = 43<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 Yes<br>2 No    | 828 - 829 |
| PEGR6COR  | 2    | Did...complete 6 or more graduate or professional school courses?<br><br>EDITED UNIVERSE: PEGRPROF = 1<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 Yes<br>2 No   | 830 - 831 |
| PEMS123   | 2    | Was ... master's degree program a 1 year, 2 year, or 3 year program?<br><br>EDITED UNIVERSE: PEEDUCA = 44<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 1 year program<br>2 2 year program<br>3 3 year program | 832 - 833 |
| PXDIPGED  | 2    | ALLOCATION FLAG  | 834 - 835 |
| PXHGCCOMP | 2    | ALLOCATION FLAG  | 836 - 837 |
| PXCYC     | 2    | ALLOCATION FLAG  | 838 - 839 |
| PXGRPROF  | 2    | ALLOCATION FLAG  | 840 - 841 |
| PXGR6COR  | 2    | ALLOCATION FLAG  | 842 - 843 |
| PXMS123   | 2    | ALLOCATION FLAG  | 844 - 845 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PWCMPWGT | 2    | Composited Final Weight. Used to create BLS's published labor force statistics (4 implied decimal places)<br><br>EDITED UNIVERSE: PRPERTYP = 2 AND PEAGE = 16+ | 846 - 855 |
| FILLER   | 1    | FILLER   | 856 - 856 |

## ATTACHMENT 8

### SUPPLEMENT RECORD LAYOUT

June 2000 Current Population Survey  
Fertility Supplement

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>                              | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
| PESF1       | 2           | How many live births, if any, has ... ever had? | 857-858         |

EDITED UNIVERSE:

PEAGE = 15-44 and PESEX = 2

VALID ENTRIES:

-1 Not in universe  
0 None  
1-13 One birth to thirteen births

|        |   |   |         |
|--------|---|---|---------|
| PESF2A | 2 | When was ..'s last child born?<br>(month) | 859-860 |
|--------|---|---|---------|

EDITED UNIVERSE: PESF1 = 1+

VALID ENTRIES:

-1 Not in universe  
1 January  
2 February  
3 March  
4 April  
5 May  
6 June  
7 July  
8 August  
9 September  
10 October  
11 November  
12 December

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
| PESF2B      | 4           | When was ..'s last child born?<br>(year)<br><br>EDITED UNIVERSE: PESF1 = 1+<br><br>VALID ENTRIES:<br><br>-1 Not in Universe<br>1967-2000 1967 to 2000 | 861-864         |
| PESAS       | 3           | Age of subject in months<br><br>VALID ENTRIES:<br><br>-1 Not in Universe<br>181-539 181 months to 539 months  | 865-867         |
| PESAYC      | 3           | Age of women in months at birth of last child<br><br>VALID ENTRIES:<br><br>-1 Not in Universe<br>168-532 168 months to 532 months                     | 868-870         |
| PXSF1       | 2           | Allocation variable for PESF1<br><br>VALID ENTRIES:<br><br>-1 Not allocated<br>1 Allocated  | 871-872         |
| PXSF2A      | 2           | Allocation variable for PESF2A<br><br>VALID ENTRIES:<br><br>-1 Not allocated<br>1 Allocated   | 873-874         |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>             | <u>LOCATION</u> |
|-------------|-------------|--------------------------------|-----------------|
| PXSF2B      | 2           | Allocation variable for PESF2B | 875-876         |

VALID ENTRIES:

-1 Not allocated

1 Allocated

**ATTACHMENT 9**

**SUPPLEMENT QUESTIONNAIRE**

**June 2000 CPS - Fertility Supplement**

**PRESUP**

This month we are asking some additional questions about women and the number of children they have or expect to have.

ENTER (P) TO PROCEED

ENTER (I) FOR IMPORTANCE OF RESPONDING

====>     

**SUPP-I**

The information you give is important. Answers to the questions on fertility will help project future population growth and assist policymakers in making decisions regarding housing, maternity care, recreation, and educational facilities, and other such needs.

**SF1**

How many live births, if any, (have/has) (you/NAME) ever had?  
(Do not include any stillbirths or adopted children)

ENTER (N) FOR NONE

====>     

**SF2**

In what month and year was (your/NAME'S) (child/last child) born?

- |              |            |               |
|--------------|------------|---------------|
| (1) January  | (5) May    | (9) September |
| (2) February | (6) June   | (10) October  |
| (3) March    | (7) July   | (11) November |
| (4) April    | (8) August | (12) December |

ENTER MONTH ====>     

ENTER YEAR ====>       
(1967-2000)



## ATTACHMENT 10

### INDUSTRY CLASSIFICATIONS

#### Industry Classification Codes for Detailed Industry (3-digit)

There are 236 categories for the employed, with 1 additional category for the experienced unemployed. These categories are aggregated into 51 detailed groups and 23 major groups (see pages 11-9 through 11-11).

(Numbers in parentheses are the 1987 SIC code equivalent; see Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1987. "Pt" means part, "n.e.c." means not elsewhere classified.)

These codes correspond to Items PEIO1ICD and PEIO2ICD located in the adults record layout. These codes are located in positions 436-438 and 446-448 in all months **except** March. In **March**, these codes correspond to Item A-IND, positions 103-105.

| Code    | Industry   |
|---------|--|
| 000-009 | not used   |
| 010-030 | AGRICULTURE  |
| 010     | Agricultural production, crops (01)                      |
| 011     | Agricultural production, livestock (02)                  |
| 012     | Veterinary services (074)                                |
| 013-019 | not used   |
| 020     | Landscape and horticultural services (078)               |
| 021-029 | not used   |
| 030     | Agricultural services, n.e.c. (071, 072, 075, 076)       |
| 031-032 | FORESTRY AND FISHERIES                                   |
| 031     | Forestry (08)  |
| 032     | Fishing, hunting, and trapping (09)                      |
| 033-039 | not used   |
| 040-050 | MINING   |
| 040     | Metal mining (10)  |
| 041     | Coal mining (12)   |
| 042     | Oil and gas extraction (13)                              |
| 043-049 | not used   |
| 050     | Nonmetallic mining and quarrying, except fuel (14)       |
| 051-059 | not used   |
| 060     | CONSTRUCTION (15, 16, 17)                                |
| 061-099 | not used   |
| 100-392 | MANUFACTURING  |
| 100-222 | NONDURABLE GOODS   |
| 100-122 | Food and kindred products                                |
| 100     | Meat products (201)                                      |
| 101     | Dairy products (202)                                     |
| 102     | Canned, frozen and preserved fruits and vegetables (203) |
| 103-109 | not used   |
| 110     | Grain mill products (204)                                |
| 111     | Bakery products (205)                                    |

| <b>Code</b> | <b>Industry</b>  |
|-------------|--|
| 112         | Sugar and confectionery products (206)                                   |
| 113-119     | not used   |
| 120         | Beverage industries (208)  |
| 121         | Miscellaneous food preparations and kindred products (207, 209)          |
| 122         | Not specified food industries  |
| 123-129     | not used   |
| 130         | Tobacco manufactures (21)  |
| 131         | not used   |
| 132-150     | Textile mill products  |
| 132         | Knitting mills (225)   |
| 133-139     | not used   |
| 140         | Dyeing and finishing textiles, except wool and knit goods (226)          |
| 141         | Carpets and rugs (227)   |
| 142         | Yarn, thread, and fabric mills (221-224, 228)                            |
| 143-149     | not used   |
| 150         | Miscellaneous textile mill products (229)                                |
| 151-152     | Apparel and other finished textile products                              |
| 151         | Apparel and accessories, except knit (231-238)                           |
| 152         | Miscellaneous fabricated textile products (239)                          |
| 153-159     | not used   |
| 160-162     | Paper and allied products  |
| 160         | Pulp, paper, and paperboard mills (261-263)                              |
| 161         | Miscellaneous paper and pulp products (267)                              |
| 162         | Paperboard containers and boxes (265)                                    |
| 163-170     | not used   |
| 171-172     | Printing, publishing, and allied industries                              |
| 171         | Newspaper publishing and printing (271)                                  |
| 172         | Printing, publishing, and allied industries, except newspapers (272-279) |
| 173-179     | not used   |
| 180-192     | Chemicals and allied products  |
| 180         | Plastics, synthetics, and resins (282)                                   |
| 181         | Drugs (283)  |
| 182         | Soaps and cosmetics (284)  |
| 183-189     | not used   |
| 190         | Paints, varnishes, and related products (285)                            |
| 191         | Agricultural chemicals (287)   |
| 192         | Industrial and miscellaneous chemicals (281, 286, 289)                   |
| 193-199     | not used   |
| 200-201     | Petroleum and coal products  |
| 200         | Petroleum refining (291)   |
| 201         | Miscellaneous petroleum and coal products (295, 299)                     |
| 202-209     | not used   |
| 210-212     | Rubber and miscellaneous plastics products                               |
| 210         | Tires and inner tubes (301)  |
| 211         | Other rubber products, and plastics footwear and belting (302-306)       |
| 212         | Miscellaneous plastics products (308)                                    |
| 213-219     | not used   |
| 220-222     | Leather and leather products   |
| 220         | Leather tanning and finishing (311)                                      |
| 221         | Footwear, except rubber and plastic (313, 314)                           |
| 222         | Leather products, except footwear (315-317, 319)                         |
| 223-229     | not used   |

| <b>Code</b> | <b>Industry</b>  |
|-------------|--|
| 230-392     | DURABLE GOODS  |
| 230-241     | Lumber and wood products, except furniture   |
| 230         | Logging (241)  |
| 231         | Sawmills, planing mills, and millwork (242, 243)   |
| 232         | Wood buildings and mobile homes (245)  |
| 233-240     | not used   |
| 241         | Miscellaneous wood products (244, 249)   |
| 242         | Furniture and fixtures (25)  |
| 243-249     | not used   |
| 250-262     | Stone, clay, glass, and concrete products  |
| 250         | Glass and glass products (321-323)   |
| 251         | Cement, concrete, gypsum, and plaster products (324, 327)                                      |
| 252         | Structural clay products (325)   |
| 253-260     | not used   |
| 261         | Pottery and related products (326)   |
| 262         | Miscellaneous nonmetallic mineral and stone products (328, 329)                                |
| 263-269     | not used   |
| 270-301     | Metal industries   |
| 270         | Blast furnaces, steelworks, rolling and finishing mills (331)                                  |
| 271         | Iron and steel foundries (332)   |
| 272         | Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)                            |
| 273-279     | not used   |
| 280         | Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339) |
| 281         | Cutlery, handtools, and general hardware (342)   |
| 282         | Fabricated structural metal products (344)   |
| 283-289     | not used   |
| 290         | Screw machine products (345)   |
| 291         | Metal forgings and stampings (346)   |
| 292         | Ordnance (348)   |
| 293-299     | not used   |
| 300         | Miscellaneous fabricated metal products (341, 343, 347, 349)                                   |
| 301         | Not specified metal industries   |
| 302-309     | not used   |
| 310-332     | Machinery and computing equipment  |
| 310         | Engines and turbines (351)   |
| 311         | Farm machinery and equipment (352)   |
| 312         | Construction and material handling machines (353)  |
| 313-319     | not used   |
| 320         | Metalworking machinery (354)   |
| 321         | Office and accounting machines (3578, 3579)  |
| 322         | Computers and related equipment (3571-3577)  |
| 323-330     | not used   |
| 331         | Machinery, except electrical, n.e.c. (355, 356, 358, 359)                                      |
| 332         | Not specified machinery  |
| 333-339     | not used   |
| 340-350     | Electrical machinery, equipment, and supplies  |
| 340         | Household appliances (363)   |
| 341         | Radio, TV, and communication equipment (365, 366)  |
| 342         | Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)                |
| 343-349     | not used   |
| 350         | Not specified electrical machinery, equipment, and supplies                                    |
| 351-370     | Transportation equipment   |
| 351         | Motor vehicles and motor vehicle equipment (371)   |

| <b>Code</b> | <b>Industry</b>  |
|-------------|--|
| 352         | Aircraft and parts (372)   |
| 353-359     | not used   |
| 360         | Ship and boat building and repairing (373)                             |
| 361         | Railroad locomotives and equipment (374)                               |
| 362         | Guided missiles, space vehicles, and parts (376)                       |
| 363-369     | not used   |
| 370         | Cycles and miscellaneous transportation equipment (375, 379)           |
| 371-381     | Professional and photographic equipment, and watches                   |
| 371         | Scientific and controlling instruments (381, 382 except 3827)          |
| 372         | Medical, dental, and optical instruments and supplies (3827, 384, 385) |
| 373-379     | not used   |
| 380         | Photographic equipment and supplies (386)                              |
| 381         | Watches, clocks, and clockwork operated devices (387)                  |
| 382-389     | not used   |
| 390         | Toys, amusement, and sporting goods (394)                              |
| 391         | Miscellaneous manufacturing industries (39 except 394)                 |
| 392         | Not specified manufacturing industries                                 |
| 393-399     | not used   |
| 400-472     | TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES             |
| 400-432     | TRANSPORTATION   |
| 400         | Railroads (40)   |
| 401         | Bus service and urban transit (41, except 412)                         |
| 402         | Taxicab service (412)  |
| 403-409     | not used   |
| 410         | Trucking service (421, 423)  |
| 411         | Warehousing and storage (422)  |
| 412         | U.S. Postal Service (43)   |
| 413-419     | not used   |
| 420         | Water transportation (44)  |
| 421         | Air transportation (45)  |
| 422         | Pipe lines, except natural gas (46)                                    |
| 423-431     | not used   |
| 432         | Services incidental to transportation (47)                             |
| 433-439     | not used   |
| 440-442     | COMMUNICATIONS   |
| 440         | Radio and television broadcasting and cable (483, 484)                 |
| 441         | Telephone communications (481)   |
| 442         | Telegraph and miscellaneous communications services (482, 489)         |
| 443-449     | not used   |
| 450-472     | UTILITIES AND SANITARY SERVICES  |
| 450         | Electric light and power (491)   |
| 451         | Gas and steam supply systems (492, 496)                                |
| 452         | Electric and gas, and other combinations (493)                         |
| 453-469     | not used   |
| 470         | Water supply and irrigation (494, 497)                                 |
| 471         | Sanitary services (495)  |
| 472         | Not specified utilities  |
| 473-499     | not used   |

| <b>Code</b> | <b>Industry</b>  |
|-------------|--|
| 500-571     | WHOLESALE TRADE  |
| 500-532     | Durable Goods  |
| 500         | Motor vehicles and equipment (501)                         |
| 501         | Furniture and home furnishings (502)                       |
| 502         | Lumber and construction materials (503)                    |
| 503-509     | not used   |
| 510         | Professional and commercial equipment and supplies (504)   |
| 511         | Metals and minerals, except petroleum (505)                |
| 512         | Electrical goods (506)                                     |
| 513-520     | not used   |
| 521         | Hardware, plumbing and heating supplies (507)              |
| 522-529     | not used   |
| 530         | Machinery, equipment, and supplies (508)                   |
| 531         | Scrap and waste materials (5093)                           |
| 532         | Miscellaneous wholesale, durable goods (509 except 5093)   |
| 533-539     | not used   |
| 540-571     | Nondurable Goods   |
| 540         | Paper and paper products (511)                             |
| 541         | Drugs, chemicals and allied products (512, 516)            |
| 542         | Apparel, fabrics, and notions (513)                        |
| 543-549     | not used   |
| 550         | Groceries and related products (514)                       |
| 551         | Farm-product raw materials (515)                           |
| 552         | Petroleum products (517)                                   |
| 553-559     | not used   |
| 560         | Alcoholic beverages (518)                                  |
| 561         | Farm supplies (5191)                                       |
| 562         | Miscellaneous wholesale, nondurable goods (5192-5199)      |
| 563-570     | not used   |
| 571         | Not specified wholesale trade                              |
| 572-579     | not used   |
| 580-691     | RETAIL TRADE   |
| 580         | Lumber and building material retailing (521, 523)          |
| 581         | Hardware stores (525)                                      |
| 582         | Retail nurseries and garden stores (526)                   |
| 583-589     | not used   |
| 590         | Mobile home dealers (527)                                  |
| 591         | Department stores (531)                                    |
| 592         | Variety stores (533)                                       |
| 593-599     | not used   |
| 600         | Miscellaneous general merchandise stores (539)             |
| 601         | Grocery stores (541)                                       |
| 602         | Dairy products stores (545)                                |
| 603-609     | not used   |
| 610         | Retail bakeries (546)                                      |
| 611         | Food stores, n.e.c. (542, 543, 544, 549)                   |
| 612         | Motor vehicle dealers (551, 552)                           |
| 613-619     | not used   |
| 620         | Auto and home supply stores (553)                          |
| 621         | Gasoline service stations (554)                            |
| 622         | Miscellaneous vehicle dealers (555, 556, 557, 559)         |
| 623         | Apparel and accessory stores, except shoe (56, except 566) |
| 624-629     | not used   |

| <b>Code</b> | <b>Industry</b>  |
|-------------|--|
| 630         | Shoe stores (566)  |
| 631         | Furniture and home furnishings stores (571)                      |
| 632         | Household appliance stores (572)                                 |
| 633         | Radio, TV, and computer stores (5731, 5734)                      |
| 634-639     | not used   |
| 640         | Music stores (5735, 5736)  |
| 641         | Eating and drinking places (58)                                  |
| 642         | Drug stores (591)  |
| 643-649     | not used   |
| 650         | Liquor stores (592)  |
| 651         | Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)    |
| 652         | Book and stationery stores (5942, 5943)                          |
| 653-659     | not used   |
| 660         | Jewelry stores (5944)  |
| 661         | Gift, novelty, and souvenir shops (5947)                         |
| 662         | Sewing, needlework and piece goods stores (5949)                 |
| 663         | Catalog and mail order houses (5961)                             |
| 664-669     | not used   |
| 670         | Vending machine operators (5962)                                 |
| 671         | Direct selling establishments (5963)                             |
| 672         | Fuel dealers (598)   |
| 673-680     | not used   |
| 681         | Retail florists (5992)   |
| 682         | Miscellaneous retail stores (593, 5948, 5993-5995, 5999)         |
| 683-690     | not used   |
| 691         | Not specified retail trade                                       |
| 692-699     | not used   |
| 700-712     | <b>FINANCE, INSURANCE, AND REAL ESTATE</b>                       |
| 700         | Banking (60 except 603 and 606)                                  |
| 701         | Savings institutions, including credit unions (603, 606)         |
| 702         | Credit agencies, n.e.c. (61)                                     |
| 703-709     | not used   |
| 710         | Security, commodity brokerage, and investment companies (62, 67) |
| 711         | Insurance (63, 64)   |
| 712         | Real estate, including real estate-insurance offices (65)        |
| 713-720     | not used   |
| 721-760     | <b>BUSINESS AND REPAIR SERVICES</b>                              |
| 721         | Advertising (731)  |
| 722         | Services to dwellings and other buildings (734)                  |
| 723-730     | not used   |
| 731         | Personnel supply services (736)                                  |
| 732         | Computer and data processing services (737)                      |
| 733-739     | not used   |
| 740         | Detective and protective services (7381, 7382)                   |
| 741         | Business services, n.e.c. (732, 733, 735, 7383-7389)             |
| 742         | Automotive rental and leasing, without drivers (751)             |
| 743-749     | not used   |
| 750         | Automotive parking and carwashes (752, 7542)                     |
| 751         | Automotive repair and related services (753, 7549)               |
| 752         | Electrical repair shops (762, 7694)                              |
| 753-759     | not used   |
| 760         | Miscellaneous repair services (763, 764, 7692, 7699)             |

| <b>Code</b> | <b>Industry</b>   |
|-------------|---|
| 761-791     | PERSONAL SERVICES   |
| 761         | PRIVATE HOUSEHOLDS (88)   |
| 762-791     | PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD                         |
| 762         | Hotels and motels (701)   |
| 763-769     | not used  |
| 770         | Lodging places, except hotels and motels (702, 703, 704)            |
| 771         | Laundry, cleaning, and garment services (721 except part 7219)      |
| 772         | Beauty shops (723)  |
| 773-779     | not used  |
| 780         | Barber shops (724)  |
| 781         | Funeral service and crematories (726)                               |
| 782         | Shoe repair shops (725)   |
| 783-789     | not used  |
| 790         | Dressmaking shops (part 7219)                                       |
| 791         | Miscellaneous personal services (722, 729)                          |
| 792-799     | not used  |
| 800-810     | ENTERTAINMENT AND RECREATION SERVICES                               |
| 800         | Theaters and motion pictures (781-783, 792)                         |
| 801         | Video tape rental (784)   |
| 802         | Bowling centers (793)   |
| 803-809     | not used  |
| 810         | Miscellaneous entertainment and recreation services (791, 794, 799) |
| 811         | not used  |
| 812-893     | PROFESSIONAL AND RELATED SERVICES                                   |
| 812-830     | MEDICAL SERVICES, EXCEPT HOSPITALS                                  |
| 812         | Offices and clinics of physicians (801, 803)                        |
| 813-819     | not used  |
| 820         | Offices and clinics of dentists (802)                               |
| 821         | Offices and clinics of chiropractors (8041)                         |
| 822         | Offices and clinics of optometrists (8042)                          |
| 823-829     | not used  |
| 830         | Offices and clinics of health practitioners, n.e.c. (8043, 8049)    |
| 831         | HOSPITALS (806)   |
| 832-840     | MEDICAL SERVICES, EXCEPT HOSPITALS (Continued)                      |
| 832         | Nursing and personal care facilities (805)                          |
| 833-839     | not used  |
| 840         | Health services, n.e.c. (807, 808, 809)                             |
| 841         | OTHER PROFESSIONAL SERVICES (also includes codes 872-893)           |
| 841         | Legal services (81)   |
| 842-860     | EDUCATIONAL SERVICES  |
| 842         | Elementary and secondary schools (821)                              |
| 843-849     | not used  |
| 850         | Colleges and universities (822)                                     |
| 851         | Vocational schools (824)  |
| 852         | Libraries (823)   |
| 853-859     | not used  |

| <b>Code</b> | <b>Industry</b>  |
|-------------|--|
| 860         | Educational services, n.e.c. (829)   |
| 861-871     | <b>SOCIAL SERVICES</b>   |
| 861         | Job training and vocational rehabilitation services (833)                                      |
| 862         | Child day care services (part 835)   |
| 863         | Family child care homes (part 835)   |
| 864-869     | not used   |
| 870         | Residential care facilities, without nursing (836)   |
| 871         | Social services, n.e.c. (832, 839)   |
| 872-893     | <b>OTHER PROFESSIONAL SERVICES (Also includes code 840)</b>                                    |
| 872         | Museums, art galleries, and zoos (84)  |
| 873         | Labor unions (863)   |
| 874-879     | not used   |
| 880         | Religious organizations (866)  |
| 881         | Membership organizations, n.e.c. (861, 862, 864, 865, 869)                                     |
| 882         | Engineering, architectural, and surveying services (871)                                       |
| 883-889     | not used   |
| 890         | Accounting, auditing, and bookkeeping services (872)   |
| 891         | Research, development, and testing services (873)  |
| 892         | Management and public relations services (874)   |
| 893         | Miscellaneous professional and related services (899)  |
| 894-899     | not used   |
| 900-932     | <b>PUBLIC ADMINISTRATION</b>   |
| 900         | Executive and legislative offices (911-913)  |
| 901         | General government, n.e.c. (919)   |
| 902-909     | not used   |
| 910         | Justice, public order, and safety (92)   |
| 911-920     | not used   |
| 921         | Public finance, taxation, and monetary policy (93)   |
| 922         | Administration of human resources programs (94)  |
| 923-929     | not used   |
| 930         | Administration of environmental quality and housing programs (95)                              |
| 931         | Administration of economic programs (96)   |
| 932         | National security and international affairs (97)   |
| 933-990     | not used   |
| 991         | Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces |



## Detailed Industry Recodes

(01-51)

These codes correspond to Items PRDTIND1 and PRDTIND2 located in positions 472-475 of the adult record layout in all months **except** March. In **March**, these codes are located in positions 0157-0158.

| Detailed Industry   | Recode | Industry Code    |
|---|--------|------------------|
| Agriculture Service   | 01     | 012-030          |
| Other Agriculture   | 02     | 010-011          |
| Mining  | 03     | 040-050          |
| Construction  | 04     | 060              |
| Manufacturing (Durable Goods)                               |        |                  |
| Lumber and wood products, except furniture                  | 05     | 230-241          |
| Furniture and fixtures                                      | 06     | 242              |
| Stone clay, glass, and concrete product                     | 07     | 250-262          |
| Primary metals  | 08     | 270-280          |
| Fabricated metal  | 09     | 281-300          |
| Not specified metal industries                              | 10     | 301              |
| Machinery, except electrical                                | 11     | 310-332          |
| Electrical machinery, equipment, and supplies               | 12     | 340-350          |
| Motor vehicles and equipment                                | 13     | 351              |
| Aircraft and parts  | 14     | 352              |
| Other transportation equipment                              | 15     | 360-370          |
| Professional and photographic equipment,<br>and watches     | 16     | 371-382          |
| Toys, amusements, and sporting goods                        | 17     | 390              |
| Miscellaneous and not specified manufacturing<br>industries | 18     | 391-392          |
| Manufacturing (Nondurable Goods)                            |        |                  |
| Food and kindred products                                   | 19     | 100-122          |
| Tobacco manufactures  | 20     | 130              |
| Textile mill products                                       | 21     | 132-150          |
| Apparel and other finished textile products                 | 22     | 151-152          |
| Paper and allied products                                   | 23     | 160-162          |
| Printing, publishing and allied industries                  | 24     | 171-172          |
| Chemicals and allied products                               | 25     | 180-192          |
| Petroleum and coal products                                 | 26     | 200-201          |
| Rubber and miscellaneous plastics products                  | 27     | 210-212          |
| Leather and leather products                                | 28     | 220-222          |
| Transportation  | 29     | 400-432          |
| Communications  | 30     | 440-442          |
| Utilities and Sanitary Services                             | 31     | 450-472          |
| Wholesale Trade   | 32     | 500-571          |
| Eating and Drinking Places                                  | 33     | 641              |
| Other Retail Trade  | 34     | 580-640, 642-691 |
| Banking and Other Finance                                   | 35     | 700-710          |
| Insurance and Real Estate                                   | 36     | 711-712          |

| <b>Detailed Industry</b>                    | <b>Recode</b> | <b>Industry Code</b> |
|---|---------------|----------------------|
| Private Household Services                  | 37            | 761                  |
| Business Services                           | 38            | 721-750              |
| Repair Services                             | 39            | 751-760              |
| Personal Services, Except Private Household | 40            | 762-791              |
| Entertainment and Recreation Services       | 41            | 800-810              |
| Hospitals                                   | 42            | 831                  |
| Health Services, Except Hospitals           | 43            | 812-830<br>832-840   |
| Educational Services                        | 44            | 842-860              |
| Social Services                             | 45            | 861-871              |
| Other Professional Services                 | 46            | 841,872-893          |
| Forestry and Fisheries                      | 47            | 031,032              |
| Justice, Public Order and Safety            | 48            | 910                  |
| Administration of Human Resource Programs   | 49            | 922                  |
| National Security and Internal Affairs      | 50            | 932                  |
| Other Public Administration                 | 51            | 900,901,921,930,931  |
| Armed Forces last job, currently employed   | 52            | 991                  |

## Major Industry Recodes

(01-23)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0155-0156.

| Major Industry   | Recode | Industry Code    |
|--|--------|------------------|
| Agriculture  | 01     | 010-030          |
| Mining   | 02     | 040-050          |
| Construction   | 03     | 060              |
| Manufacturing  |        |                  |
| (Durable Goods)  | 04     | 230-392          |
| Nondurable Goods   | 05     | 100-222          |
| Transportation, communications<br>and other public utilities |        |                  |
| Transportation   | 06     | 400-432          |
| Communications and public utilities                          |        |                  |
| Communications   | 07     | 440-442          |
| Utilities and sanitary service                               | 08     | 450-472          |
| Wholesale Trade  |        |                  |
| Wholesale trade  | 09     | 500-571          |
| Retail Trade   | 10     | 580-691          |
| Finance, insurance, and real estate                          | 11     | 700-712          |
| Services   |        |                  |
| Private households   | 12     | 761              |
| Miscellaneous services                                       |        |                  |
| Business and Repair Services                                 | 13     | 721-760          |
| Personal services, except pri. hhlds.                        | 14     | 762-791          |
| Entertainment and recreation services                        | 15     | 800-810          |
| Professional and related Services                            |        |                  |
| Hospitals  | 16     | 831              |
| Medical services, except hospitals                           | 17     | 812-830, 832-840 |
| Educational services   | 18     | 842-860          |
| Social services  | 19     | 861-871          |
| Other professional services                                  | 20     | 841, 872-893     |
| Forestry and fisheries                                       | 21     | 031-032          |
| Public administration  | 22     | 900-932          |
| Armed forces   | 23     | 991              |

# ATTACHMENT 11

## OCCUPATION CLASSIFICATIONS

### Occupational Classification Codes for Detailed Occupational Categories (3-digit)

There are 500 categories for the employed with 1 additional category for the experienced unemployed. These categories are aggregated into 46 detailed groups and 14 major groups (see pages 12-15 through 12-17).

The classification is developed from the 1980 Standard Occupational Classification. "n.e.c." is the abbreviation for not elsewhere classified.

These codes correspond to Items PEIO1OCD and PEIO2OCD located in the adults record layout. These codes are located in positions 439-441 and 449-451 in all months **except** March. In **March**, these codes correspond to Item A-OCC, positions 106-108.

| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 000-199     | MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS                        |
| 000-037     | EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS                    |
| 000-003     | not used   |
| 004         | Chief executives and general administrators, public administration (112) |
| 005         | Administrators and officials, public administration (1132-1139)          |
| 006         | Administrators, protective services (1131)                               |
| 007         | Financial managers (122)   |
| 008         | Personnel and labor relations managers (123)                             |
| 009         | Purchasing managers (124)  |
| 010-012     | not used   |
| 013         | Managers, marketing, advertising, and public relations (125)             |
| 014         | Administrators, education and related fields (128)                       |
| 015         | Managers, medicine and health (131)                                      |
| 016         | not used   |
| 017         | Managers, food serving and lodging establishments (1351)                 |
| 018         | Managers, properties and real estate (1353)                              |
| 019         | Funeral directors (part 1359)  |
| 020         | not used   |
| 021         | Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)     |
| 022         | Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)        |
| 023-037     | Management Related Occupations   |
| 023         | Accountants and auditors (1412)  |
| 024         | Underwriters (1414)  |
| 025         | Other financial officers (1415, 1419)                                    |
| 026         | Management analysts (142)  |
| 027         | Personnel, training, and labor relations specialists (143)               |
| 028         | Purchasing agents and buyers, farm products (1443)                       |
| 029         | Buyers, wholesale and retail trade except farm products (1442)           |
| 030-032     | not used   |
| 033         | Purchasing agents and buyers, n.e.c. (1449)                              |
| 034         | Business and promotion agents (145)                                      |
| 035         | Construction inspectors (1472)   |
| 036         | Inspectors and compliance officers, except construction (1473)           |
| 037         | Management related occupations, n.e.c. (149)                             |
| 038-042     | not used   |

| <b>Code</b> | <b>Occupation</b>                                     |
|-------------|---|
| 043-199     | PROFESSIONAL SPECIALTY OCCUPATIONS                    |
| 043-063     | Engineers, Architects, and Surveyors                  |
| 043         | Architects (161)                                      |
| 044-059     | Engineers   |
| 044         | Aerospace (1622)                                      |
| 045         | Metallurgical and materials (1623)                    |
| 046         | Mining (1624)   |
| 047         | Petroleum (1625)                                      |
| 048         | Chemical (1626)                                       |
| 049         | Nuclear (1627)  |
| 050-052     | not used  |
| 053         | Civil (1628)  |
| 054         | Agricultural (1632)                                   |
| 055         | Electrical and electronic (1633, 1636)                |
| 056         | Industrial (1634)                                     |
| 057         | Mechanical (1635)                                     |
| 058         | Marine and naval architects (1637)                    |
| 059         | Engineers, n.e.c. (1639)                              |
| 060-062     | not used  |
| 063         | Surveyors and mapping scientists (164)                |
| 064-068     | Mathematical and Computer Scientists                  |
| 064         | Computer systems analysts and scientists (171)        |
| 065         | Operations and systems researchers and analysts (172) |
| 066         | Actuaries (1732)                                      |
| 067         | Statisticians (1733)                                  |
| 068         | Mathematical scientists, n.e.c. (1739)                |
| 069-083     | Natural Scientists                                    |
| 069         | Physicists and astronomers (1842, 1843)               |
| 070-072     | not used  |
| 073         | Chemists, except biochemists (1845)                   |
| 074         | Atmospheric and space scientists (1846)               |
| 075         | Geologists and geodesists (1847)                      |
| 076         | Physical scientists, n.e.c. (1849)                    |
| 077         | Agricultural and food scientists (1853)               |
| 078         | Biological and life scientists (1854)                 |
| 079         | Forestry and conservation scientists (1852)           |
| 080-082     | not used  |
| 083         | Medical scientists (1855)                             |
| 084-089     | Health Diagnosing Occupations                         |
| 084         | Physicians (261)                                      |
| 085         | Dentists (262)  |
| 086         | Veterinarians (27)                                    |
| 087         | Optometrists (281)                                    |
| 088         | Podiatrists (283)                                     |
| 089         | Health diagnosing practitioners, n.e.c. (289)         |
| 090-094     | not used  |
| 095-106     | Health Assessment and Treating Occupations            |
| 095         | Registered nurses (29)                                |
| 096         | Pharmacists (301)                                     |
| 097         | Dietitians (302)                                      |
| 098-105     | Therapists  |
| 098         | Respiratory therapists (3031)                         |
| 099         | Occupational therapists (3032)                        |

| Code    | Occupation   |
|---------|--|
| 100-102 | not used   |
| 103     | Physical therapists (3033)                               |
| 104     | Speech therapists (3034)                                 |
| 105     | Therapists, n.e.c. (3039)                                |
| 106     | Physicians' assistants (304)                             |
| 107-112 | not used   |
| 113-154 | Teachers, Postsecondary                                  |
| 113     | Earth, environmental, and marine science teachers (2212) |
| 114     | Biological science teachers (2213)                       |
| 115     | Chemistry teachers (2214)                                |
| 116     | Physics teachers (2215)                                  |
| 117     | Natural science teachers, n.e.c. (2216)                  |
| 118     | Psychology teachers (2217)                               |
| 119     | Economics teachers (2218)                                |
| 120-122 | not used   |
| 123     | History teachers (2222)                                  |
| 124     | Political science teachers (2223)                        |
| 125     | Sociology teachers (2224)                                |
| 126     | Social science teachers, n.e.c. (2225)                   |
| 127     | Engineering teachers (2226)                              |
| 128     | Mathematical science teachers (2227)                     |
| 129     | Computer science teachers (2228)                         |
| 130-132 | not used   |
| 133     | Medical science teachers (2231)                          |
| 134     | Health specialties teachers (2232)                       |
| 135     | Business, commerce, and marketing teachers (2233)        |
| 136     | Agriculture and forestry teachers (2234)                 |
| 137     | Art, drama, and music teachers (2235)                    |
| 138     | Physical education teachers (2236)                       |
| 139     | Education teachers (2237)                                |
| 140-142 | not used   |
| 143     | English teachers (2238)                                  |
| 144     | Foreign language teachers (2242)                         |
| 145     | Law teachers (2243)                                      |
| 146     | Social work teachers (2244)                              |
| 147     | Theology teachers (2245)                                 |
| 148     | Trade and industrial teachers (2246)                     |
| 149     | Home economics teachers (2247)                           |
| 150-152 | not used   |
| 153     | Teachers, postsecondary, n.e.c. (2249)                   |
| 154     | Postsecondary teachers, subject not specified            |
| 155-159 | Teachers, Except Postsecondary                           |
| 155     | Teachers, prekindergarten and kindergarten (231)         |
| 156     | Teachers, elementary school (232)                        |
| 157     | Teachers, secondary school (233)                         |
| 158     | Teachers, special education (235)                        |
| 159     | Teachers, n.e.c. (236, 239)                              |
| 160-162 | not used   |
| 163     | Counselors, Educational and Vocational (24)              |
| 164-165 | Librarians, Archivists, and Curators                     |
| 164     | Librarians (251)   |
| 165     | Archivists and curators (252)                            |
| 166-173 | Social Scientists and Urban Planners                     |
| 166     | Economists (1912)  |

| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 167         | Psychologists (1915)   |
| 168         | Sociologists (1916)  |
| 169         | Social scientists, n.e.c. (1913, 1914, 1919)                     |
| 170-172     | not used   |
| 173         | Urban planners (192)   |
| 174-177     | Social, Recreation, and Religious Workers                        |
| 174         | Social workers (2032)  |
| 175         | Recreation workers (2033)  |
| 176         | Clergy (2042)  |
| 177         | Religious workers, n.e.c. (2049)                                 |
| 178         | Lawyers and Judges (211-212)                                     |
| 179-182     | not used   |
| 183-199     | Writers, Artists, Entertainers, and Athletes                     |
| 183         | Authors (321)  |
| 184         | Technical writers (398)  |
| 185         | Designers (322)  |
| 186         | Musicians and composers (323)                                    |
| 187         | Actors and directors (324)                                       |
| 188         | Painters, sculptors, craft-artists, and artist printmakers (325) |
| 189         | Photographers (326)  |
| 190-192     | not used   |
| 193         | Dancers (327)  |
| 194         | Artists, performers, and related workers, n.e.c. (328, 329)      |
| 195         | Editors and reporters (331)                                      |
| 196         | not used   |
| 197         | Public relations specialists (332)                               |
| 198         | Announcers (333)   |
| 199         | Athletes (34)  |
| 200-202     | not used   |
| 203-389     | TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS         |
| 203-235     | TECHNICIANS AND RELATED SUPPORT OCCUPATIONS                      |
| 203-208     | Health Technologists and Technicians                             |
| 203         | Clinical laboratory technologists and technicians (362)          |
| 204         | Dental hygienists (363)  |
| 205         | Health record technologists and technicians (364)                |
| 206         | Radiologic technicians (365)                                     |
| 207         | Licensed practical nurses (366)                                  |
| 208         | Health technologists and technicians, n.e.c. (369)               |
| 209-212     | not used   |
| 213-235     | Technologists and Technicians, Except Health                     |
| 213-218     | Engineering and Related Technologists and Technicians            |
| 213         | Electrical and electronic technicians (3711)                     |
| 214         | Industrial engineering technicians (3712)                        |
| 215         | Mechanical engineering technicians (3713)                        |
| 216         | Engineering technicians, n.e.c. (3719)                           |
| 217         | Drafting occupations (372)                                       |
| 218         | Surveying and mapping technicians (373)                          |
| 219-222     | not used   |
| 223-225     | Science Technicians  |
| 223         | Biological technicians (382)                                     |
| 224         | Chemical technicians (3831)                                      |
| 225         | Science technicians, n.e.c. (3832, 3833, 384, 389)               |
| 226-235     | Technicians, Except Health, Engineering, and Science             |

| <b>Code</b> | <b>Occupation</b>   |
|-------------|---|
| 226         | Airplane pilots and navigators (825)  |
| 227         | Air traffic controllers (392)   |
| 228         | Broadcast equipment operators (393)   |
| 229         | Computer programmers (3971, 3972)   |
| 230-232     | not used  |
| 233         | Tool programmers, numerical control (3974)                                    |
| 234         | Legal assistants (396)  |
| 235         | Technicians, n.e.c. (399)   |
| 236-242     | not used  |
| 243-285     | <b>SALES OCCUPATIONS</b>  |
| 243         | Supervisors and Proprietors, Sales Occupations (40)                           |
| 244-252     | not used  |
| 253-257     | Sales Representatives, Finance and Business Services                          |
| 253         | Insurance sales occupations (4122)  |
| 254         | Real estate sales occupations (4123)  |
| 255         | Securities and financial services sales occupations (4124)                    |
| 256         | Advertising and related sales occupations (4153)                              |
| 257         | Sales occupations, other business services (4152)                             |
| 258-259     | Sales Representatives, Commodities, Except Retail                             |
| 258         | Sales engineers (421)   |
| 259         | Sales representatives, mining, manufacturing, and wholesale (423, 424)        |
| 260-262     | not used  |
| 263-278     | Sales Workers, Retail and Personal Services                                   |
| 263         | Sales workers, motor vehicles and boats (4342, 4344)                          |
| 264         | Sales workers, apparel (4346)   |
| 265         | Sales workers, shoes (4351)   |
| 266         | Sales workers, furniture and home furnishings (4348)                          |
| 267         | Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)                  |
| 268         | Sales workers, hardware and building supplies (4353)                          |
| 269         | Sales workers, parts (4367)   |
| 270-273     | not used  |
| 274         | Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)   |
| 275         | Sales counter clerks (4363)   |
| 276         | Cashiers (4364)   |
| 277         | Street and door-to-door sales workers (4366)                                  |
| 278         | News vendors (4365)   |
| 279-282     | not used  |
| 283-285     | Sales Related Occupations   |
| 283         | Demonstrators, promoters and models, sales (445)                              |
| 284         | Auctioneers (447)   |
| 285         | Sales support occupations, n.e.c. (444, 446, 449)                             |
| 286-302     | not used  |
| 303-389     | <b>ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL</b>                 |
| 303-307     | Supervisors, Administrative Support Occupations                               |
| 303         | Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)              |
| 304         | Supervisors, computer equipment operators (4512)                              |
| 305         | Supervisors, financial records processing (4521)                              |
| 306         | Chief communications operators (4523)   |
| 307         | Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528) |
| 308-309     | Computer Equipment Operators  |
| 308         | Computer operators (4612)   |
| 309         | Peripheral equipment operators (4613)   |



| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 310-312     | not used   |
| 313-315     | Secretaries, Stenographers, and Typists                    |
| 313         | Secretaries (4622)   |
| 314         | Stenographers (4623)                                       |
| 315         | Typists (4624)   |
| 316-323     | Information Clerks   |
| 316         | Interviewers (4642)  |
| 317         | Hotel clerks (4643)  |
| 318         | Transportation ticket and reservation agents (4644)        |
| 319         | Receptionists (4645)                                       |
| 320-322     | not used   |
| 323         | Information clerks, n.e.c. (4649)                          |
| 324         | not used   |
| 325-336     | Records Processing Occupations, Except Financial           |
| 325         | Classified-ad clerks (4662)                                |
| 326         | Correspondence clerks (4663)                               |
| 327         | Order clerks (4664)  |
| 328         | Personnel clerks, except payroll and timekeeping (4692)    |
| 329         | Library clerks (4694)                                      |
| 330-334     | not used   |
| 335         | File clerks (4696)   |
| 336         | Records clerks (4699)                                      |
| 337-344     | Financial Records Processing Occupations                   |
| 337         | Bookkeepers, accounting, and auditing clerks (4712)        |
| 338         | Payroll and timekeeping clerks (4713)                      |
| 339         | Billing clerks (4715)                                      |
| 340-342     | not used   |
| 343         | Cost and rate clerks (4716)                                |
| 344         | Billing, posting, and calculating machine operators (4718) |
| 345-347     | Duplicating, Mail and Other Office Machine Operators       |
| 345         | Duplicating machine operators (4722)                       |
| 346         | Mail preparing and paper handling machine operators (4723) |
| 347         | Office machine operators, n.e.c. (4729)                    |
| 348-353     | Communications Equipment Operators                         |
| 348         | Telephone operators (4732)                                 |
| 350-352     | not used   |
| 353         | Communications equipment operators, n.e.c. (4733, 4739)    |
| 354-357     | Mail and Message Distributing Occupations                  |
| 354         | Postal clerks, except mail carriers (4742)                 |
| 355         | Mail carriers, postal service (4743)                       |
| 356         | Mail clerks, except postal service (4744)                  |
| 357         | Messengers (4745)  |
| 358         | not used   |
| 359-374     | Material Recording, Scheduling, and Distributing Clerks    |
| 359         | Dispatchers (4751)   |
| 360-362     | not used   |
| 363         | Production coordinators (4752)                             |
| 364         | Traffic, shipping, and receiving clerks (4753)             |
| 365         | Stock and inventory clerks (4754)                          |
| 366         | Meter readers (4755)                                       |
| 367         | not used   |
| 368         | Weighers, measurers, checkers, and samplers (4756, 4757)   |
| 369-372     | not used   |
| 373         | Expeditors (4758)  |

| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 374         | Material recording, scheduling, and distributing clerks, n.e.c. (4759) |
| 375-378     | Adjusters and Investigators  |
| 375         | Insurance adjusters, examiners, and investigators (4782)               |
| 376         | Investigators and adjusters, except insurance (4783)                   |
| 377         | Eligibility clerks, social welfare (4784)                              |
| 378         | Bill and account collectors (4786)                                     |
| 379-389     | Miscellaneous Administrative Support Occupations                       |
| 379         | General office clerks (463)  |
| 380-382     | not used   |
| 383         | Bank tellers (4791)  |
| 384         | Proofreaders (4792)  |
| 385         | Data-entry keyers (4793)   |
| 386         | Statistical clerks (4794)  |
| 387         | Teachers' aides (4795)   |
| 388         | not used   |
| 389         | Administrative support occupations, n.e.c. (4787, 4799)                |
| 390-402     | not used   |
| 403-469     | SERVICE OCCUPATIONS  |
| 403-407     | PRIVATE HOUSEHOLD OCCUPATIONS  |
| 403         | Launderers and ironers (503)   |
| 404         | Cooks, private household (504)   |
| 405         | Housekeepers and butlers (505)   |
| 406         | Child care workers, private household (506)                            |
| 407         | Private household cleaners and servants (502, 507, 509)                |
| 408-412     | not used   |
| 413-427     | PROTECTIVE SERVICE OCCUPATIONS   |
| 413-415     | Supervisors, Protective Service Occupations                            |
| 413         | Supervisors, firefighting and fire prevention occupations (5111)       |
| 414         | Supervisors, police and detectives (5112)                              |
| 415         | Supervisors, guards (5113)   |
| 416-417     | Firefighting and Fire Prevention Occupations                           |
| 416         | Fire inspection and fire prevention occupations (5122)                 |
| 417         | Firefighting occupations (5123)  |
| 418-424     | Police and Detectives  |
| 418         | Police and detectives, public service (5132)                           |
| 419-422     | not used   |
| 423         | Sheriffs, bailiffs, and other law enforcement officers (5134)          |
| 424         | Correctional institution officers (5133)                               |
| 425-432     | Guards   |
| 425         | Crossing guards (5142)   |
| 426         | Guards and police, except public service (5144)                        |
| 427         | Protective service occupations, n.e.c. (5149)                          |
| 428-432     | not used   |
| 433-469     | SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD                   |
| 433-444     | Food Preparation and Service Occupations                               |
| 433         | Supervisors, food preparation and service occupations (5211)           |
| 434         | Bartenders (5212)  |
| 435         | Waiters and waitresses (5213)  |
| 436         | Cooks (5214, 5215)   |
| 437         | not used   |
| 438         | Food counter, fountain and related occupations (5216)                  |

| <b>Code</b> | <b>Occupation</b>   |
|-------------|---|
| 439         | Kitchen workers, food preparation (5217)                    |
| 440-442     | not used  |
| 443         | Waiters'/waitresses' assistants (5218)                      |
| 444         | Miscellaneous food preparation occupations (5219)           |
| 445-447     | Health Service Occupations                                  |
| 445         | Dental assistants (5232)                                    |
| 446         | Health aides, except nursing (5233)                         |
| 447         | Nursing aides, orderlies, and attendants (5236)             |
| 448-455     | Cleaning and Building Service Occupations, Except Household |
| 448         | Supervisors, cleaning and building service workers (5241)   |
| 449         | Maids and housemen (5242, 5249)                             |
| 450-452     | not used  |
| 453         | Janitors and cleaners (5244)                                |
| 454         | Elevator operators (5245)                                   |
| 455         | Pest control occupations (5246)                             |
| 456-469     | Personal Service Occupations                                |
| 456         | Supervisors, personal service occupations (5251)            |
| 457         | Barbers (5252)  |
| 458         | Hairdressers and cosmetologists (5253)                      |
| 459         | Attendants, amusement and recreation facilities (5254)      |
| 460         | not used  |
| 461         | Guides (5255)   |
| 462         | Ushers (5256)   |
| 463         | Public transportation attendants (5257)                     |
| 464         | Baggage porters and bellhops (5262)                         |
| 465         | Welfare service aides (5263)                                |
| 466         | Family child care providers (part 5264)                     |
| 467         | Early childhood teacher's assistants (part 5264)            |
| 468         | Child care workers, n.e.c. (part 5264)                      |
| 469         | Personal service occupations, n.e.c. (5258, 5269)           |
| 470-472     | not used  |
| 473-499     | <b>FARMING, FORESTRY, AND FISHING OCCUPATIONS</b>           |
| 473-476     | Farm Operators and Managers                                 |
| 473         | Farmers, except horticultural (5512-5514)                   |
| 474         | Horticultural specialty farmers (5515)                      |
| 475         | Managers, farms, except horticultural (5522-5524)           |
| 476         | Managers, horticultural specialty farms (5525)              |
| 477-489     | Other Agricultural and Related Occupations                  |
| 477-484     | Farm Occupations, Except Managerial                         |
| 477         | Supervisors, farm workers (5611)                            |
| 478         | not used  |
| 479         | Farm workers (5612-5617)                                    |
| 480-482     | not used  |
| 483         | Marine life cultivation workers (5618)                      |
| 484         | Nursery workers (5619)                                      |
| 485-489     | Related Agricultural Occupations                            |
| 485         | Supervisors, related agricultural occupations (5621)        |
| 486         | Groundskeepers and gardeners, except farm (5622)            |
| 487         | Animal caretakers, except farm (5624)                       |
| 488         | Graders and sorters, agricultural products (5625)           |
| 489         | Inspectors, agricultural products (5627)                    |
| 490-493     | not used  |
| 494-496     | Forestry and Logging Occupations                            |

| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 494         | Supervisors, forestry and logging workers (571)                                  |
| 495         | Forestry workers, except logging (572)   |
| 496         | Timber cutting and logging occupations (573, 579)                                |
| 497-499     | Fishers, Hunters, and Trappers   |
| 497         | Captains and other officers, fishing vessels (part 8241)                         |
| 498         | Fishers (583)  |
| 499         | Hunters and trappers (584)   |
| 500-502     | not used   |
| 503-699     | PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS                              |
| 503-552     | Mechanics and Repairers  |
| 503         | Supervisors, mechanics and repairers (60)  |
| 504         | not used   |
| 505-549     | Mechanics and Repairers, Except Supervisors                                      |
| 505-517     | Vehicle and Mobile Equipment Mechanics and Repairers                             |
| 505         | Automobile mechanics (part 6111)   |
| 506         | Automobile mechanic apprentices (part 6111)                                      |
| 507         | Bus, truck, and stationary engine mechanics (6112)                               |
| 508         | Aircraft engine mechanics (6113)   |
| 509         | Small engine repairers (6114)  |
| 510-513     | not used   |
| 514         | Automobile body and related repairers (6115)                                     |
| 515         | Aircraft mechanics, except engine (6116)   |
| 516         | Heavy equipment mechanics (6117)   |
| 517         | Farm equipment mechanics (6118)  |
| 518         | Industrial machinery repairers (613)   |
| 519         | Machinery maintenance occupations (614)  |
| 520-522     | not used   |
| 523-533     | Electrical and Electronic Equipment Repairers                                    |
| 523         | Electronic repairers, communications and industrial equipment (6151, 6153, 6155) |
| 524         | not used   |
| 525         | Data processing equipment repairers (6154)                                       |
| 526         | Household appliance and power tool repairers (6156)                              |
| 527         | Telephone line installers and repairers (6157)                                   |
| 528         | not used   |
| 529         | Telephone installers and repairers (6158)  |
| 530-532     | not used   |
| 533         | Miscellaneous electrical and electronic equipment repairers (6152, 6159)         |
| 534         | Heating, air conditioning, and refrigeration mechanics (616)                     |
| 535-549     | Miscellaneous Mechanics and Repairers  |
| 535         | Camera, watch, and musical instrument repairers (6171, 6172)                     |
| 536         | Locksmiths and safe repairers (6173)   |
| 537         | not used   |
| 538         | Office machine repairers (6174)  |
| 539         | Mechanical controls and valve repairers (6175)                                   |
| 540-542     | not used   |
| 543         | Elevator installers and repairers (6176)   |
| 544         | Millwrights (6178)   |
| 545-546     | not used   |
| 547         | Specified mechanics and repairers, n.e.c. (6177, 6179)                           |
| 548         | not used   |
| 549         | Not specified mechanics and repairers  |
| 550-552     | not used   |
| 553-599     | Construction Trades  |

| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 553-558     | Supervisors, Construction Occupations                              |
| 553         | Supervisors, brickmasons, stonemasons, and tile setters (6312)     |
| 554         | Supervisors, carpenters and related workers (6313)                 |
| 555         | Supervisors, electricians and power transmission installers (6314) |
| 556         | Supervisors, painters, paperhangers, and plasterers (6315)         |
| 557         | Supervisors, plumbers, pipefitters, and steamfitters (6316)        |
| 558         | Supervisors, construction, n.e.c. (6311, 6318)                     |
| 559-562     | not used   |
| 563-599     | Construction Trades, Except Supervisors                            |
| 563         | Brickmasons and stonemasons (part 6412, part 6413)                 |
| 564         | Brickmason and stonemason apprentices (part 6412, part 6413)       |
| 565         | Tile setters, hard and soft (part 6414, part 6462)                 |
| 566         | Carpet installers (part 6462)                                      |
| 567         | Carpenters (part 6422)   |
| 568         | not used   |
| 569         | Carpenter apprentices (part 6422)                                  |
| 570-572     | not used   |
| 573         | Drywall installers (6424)  |
| 574         | not used   |
| 575         | Electricians (part 6432)   |
| 576         | Electrician apprentices (part 6432)                                |
| 577         | Electrical power installers and repairers (6433)                   |
| 578         | not used   |
| 579         | Painters, construction and maintenance (6442)                      |
| 582         | not used   |
| 583         | Paperhangers (6443)  |
| 584         | Plasterers (6444)  |
| 585         | Plumbers, pipefitters, and steamfitters (part 645)                 |
| 586         | not used   |
| 587         | Plumber, pipefitter, and steamfitter apprentices (part 645)        |
| 588         | Concrete and terrazzo finishers (6463)                             |
| 589         | Glaziers (6464)  |
| 590-592     | not used   |
| 593         | Insulation workers (6465)  |
| 594         | Paving, surfacing, and tamping equipment operators (6466)          |
| 595         | Roofers (6468)   |
| 596         | Sheetmetal duct installers (6472)                                  |
| 597         | Structural metal workers (6473)                                    |
| 598         | Drillers, earth (6474)   |
| 599         | Construction trades, n.e.c. (6467, 6475, 6476, 6479)               |
| 600-612     | not used   |
| 613-617     | Extractive Occupations   |
| 613         | Supervisors, extractive occupations (632)                          |
| 614         | Drillers, oil well (652)   |
| 615         | Explosives workers (653)   |
| 616         | Mining machine operators (654)                                     |
| 617         | Mining occupations, n.e.c. (656)                                   |
| 618-627     | not used   |
| 628-699     | Precision Production Occupations                                   |
| 628         | Supervisors, production occupations (67, 71)                       |
| 629-633     | not used   |
| 634-655     | Precision Metal Working Occupations                                |
| 634         | Tool and die makers (part 6811)                                    |
| 635         | Tool and die maker apprentices (part 6811)                         |

| <b>Code</b> | <b>Occupation</b>  |
|-------------|--|
| 636         | Precision assemblers, metal (6812)   |
| 637         | Machinists (part 6813)   |
| 638         | not used   |
| 639         | Machinist apprentices (part 6813)  |
| 640-642     | not used   |
| 643         | Boilermakers (6814)  |
| 644         | Precision grinders, filers, and tool sharpeners (6816)                     |
| 645         | Patternmakers and model makers, metal (6817)                               |
| 646         | Lay-out workers (6821)   |
| 647         | Precious stones and metals workers (Jewelers) (6822, 6866)                 |
| 648         | not used   |
| 649         | Engravers, metal (6823)  |
| 650-652     | not used   |
| 653         | Sheet metal workers (part 6824)  |
| 654         | Sheet metal worker apprentices (part 6824)                                 |
| 655         | Miscellaneous precision metal workers (6829)                               |
| 656-659     | Precision Woodworking Occupations  |
| 656         | Patternmakers and model makers, wood (6831)                                |
| 657         | Cabinet makers and bench carpenters (6832)                                 |
| 658         | Furniture and wood finishers (6835)  |
| 659         | Miscellaneous precision woodworkers (6839)                                 |
| 660-665     | not used   |
| 666-674     | Precision Textile, Apparel, and Furnishings Machine Workers                |
| 666         | Dressmakers (part 6852, part 7752)   |
| 667         | Tailors (part 6852)  |
| 668         | Upholsterers (6853)  |
| 669         | Shoe repairers (6854)  |
| 670-673     | not used   |
| 674         | Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752) |
| 675-684     | Precision Workers, Assorted Materials                                      |
| 675         | Hand molders and shapers, except jewelers (6861)                           |
| 676         | Patternmakers, lay-out workers, and cutters (6862)                         |
| 677         | Optical goods workers (6864, part 7477, part 7677)                         |
| 678         | Dental laboratory and medical appliance technicians (6865)                 |
| 679         | Bookbinders (6844)   |
| 680-682     | not used   |
| 683         | Electrical and electronic equipment assemblers (6867)                      |
| 684         | Miscellaneous precision workers, n.e.c. (6869)                             |
| 685         | not used   |
| 686-688     | Precision Food Production Occupations                                      |
| 686         | Butchers and meat cutters (6871)   |
| 687         | Bakers (6872)  |
| 688         | Food batchmakers (6873, 6879)  |
| 689-693     | Precision Inspectors, Testers, and Related Workers                         |
| 689         | Inspectors, testers, and graders (6881, 828)                               |
| 690-692     | not used   |
| 693         | Adjusters and calibrators (6882)   |
| 694-699     | Plant and System Operators   |
| 694         | Water and sewage treatment plant operators (691)                           |
| 695         | Power plant operators (part 693)   |
| 696         | Stationary engineers (part 693, 7668)                                      |
| 697-698     | not used   |
| 699         | Miscellaneous plant and system operators (692, 694, 695, 696)              |
| 700-702     | not used   |

| <b>Code</b> | <b>Occupation</b>   |
|-------------|---|
| 703-889     | OPERATORS, FABRICATORS, AND LABORERS  |
| 703-799     | MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS   |
| 703-779     | Machine Operators and Tenders, Except Precision                                       |
| 703-715     | Metal Working and Plastic Working Machine Operators                                   |
| 703         | Lathe and turning machine set-up operators (7312)                                     |
| 704         | Lathe and turning machine operators (7512)  |
| 705         | Milling and planing machine operators (7313, 7513)                                    |
| 706         | Punching and stamping press machine operators (7314, 7317, 7514, 7517)                |
| 707         | Rolling machine operators (7316, 7516)  |
| 708         | Drilling and boring machine operators (7318, 7518)                                    |
| 709         | Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)       |
| 710-712     | not used  |
| 713         | Forging machine operators (7319, 7519)  |
| 714         | Numerical control machine operators (7326)  |
| 715         | Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529) |
| 716         | not used  |
| 717         | Fabricating machine operators, n.e.c. (7339, 7539)                                    |
| 718         | not used  |
| 719-725     | Metal and Plastic Processing Machine Operators  |
| 719         | Molding and casting machine operators (7315, 7342, 7515, 7542)                        |
| 720-722     | not used  |
| 723         | Metal plating machine operators (7343, 7543)  |
| 724         | Heat treating equipment operators (7344, 7544)  |
| 725         | Miscellaneous metal and plastic processing machine operators (7349, 7549)             |
| 726-733     | Woodworking Machine Operators   |
| 726         | Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)           |
| 727         | Sawing machine operators (7433, 7633)   |
| 728         | Shaping and joining machine operators (7435, 7635)                                    |
| 729         | Nailing and tacking machine operators (7636)  |
| 730-732     | not used  |
| 733         | Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)                  |
| 734-737     | Printing Machine Operators  |
| 734         | Printing press operators (7443, 7643)   |
| 735         | Photoengravers and lithographers (6842, 7444, 7644)                                   |
| 736         | Typesetters and compositors (6841, 7642)  |
| 737         | Miscellaneous printing machine operators (6849, 7449, 7649)                           |
| 738-749     | Textile, Apparel, and Furnishings Machine Operators                                   |
| 738         | Winding and twisting machine operators (7451, 7651)                                   |
| 739         | Knitting, looping, taping, and weaving machine operators (7452, 7652)                 |
| 740-742     | not used  |
| 743         | Textile cutting machine operators (7654)  |
| 744         | Textile sewing machine operators (7655)   |
| 745         | Shoe machine operators (7656)   |
| 746         | not used  |
| 747         | Pressing machine operators (7657)   |
| 748         | Laundering and dry cleaning machine operators (6855, 7658)                            |
| 749         | Miscellaneous textile machine operators (7459, 7659)                                  |
| 750-752     | not used  |
| 753-779     | Machine Operators, Assorted Materials   |
| 753         | Cementing and gluing machine operators (7661)   |
| 754         | Packaging and filling machine operators (7462, 7662)                                  |
| 755         | Extruding and forming machine operators (7463, 7663)                                  |
| 756         | Mixing and blending machine operators (7664)  |
| 757         | Separating, filtering, and clarifying machine operators (7476, 7666, 7676)            |

| <b>Code</b> | <b>Occupation</b>   |
|-------------|---|
| 758         | Compressing and compacting machine operators (7467, 7667)       |
| 759         | Painting and paint spraying machine operators (7669)            |
| 760-762     | not used  |
| 763         | Roasting and baking machine operators, food (7472, 7672)        |
| 764         | Washing, cleaning, and pickling machine operators (7673)        |
| 765         | Folding machine operators (7474, 7674)                          |
| 766         | Furnace, kiln, and oven operators, except food (7675)           |
| 767         | not used  |
| 768         | Crushing and grinding machine operators (part 7477, part 7677)  |
| 769         | Slicing and cutting machine operators (7478, 7678)              |
| 770-772     | not used  |
| 773         | Motion picture projectionists (part 7479)                       |
| 774         | Photographic process machine operators (6863, 6868, 7671)       |
| 775-776     | not used  |
| 777         | Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679) |
| 778         | not used  |
| 779         | Machine operators, not specified                                |
| 780-782     | not used  |
| 783-795     | Fabricators, Assemblers, and Hand Working Occupations           |
| 783         | Welders and cutters (7332, 7532, 7714)                          |
| 784         | Solderers and brazers (7333, 7533, 7717)                        |
| 785         | Assemblers (772, 774)   |
| 786         | Hand cutting and trimming occupations (7753)                    |
| 787         | Hand molding, casting, and forming occupations (7754, 7755)     |
| 788         | not used  |
| 789         | Hand painting, coating, and decorating occupations (7756)       |
| 790-792     | not used  |
| 793         | Hand engraving and printing occupations (7757)                  |
| 794         | not used  |
| 795         | Miscellaneous hand working occupations (7758, 7759)             |
| 796-799     | Production Inspectors, Testers, Samplers, and Weighers          |
| 796         | Production inspectors, checkers, and examiners (782, 787)       |
| 797         | Production testers (783)  |
| 798         | Production samplers and weighers (784)                          |
| 799         | Graders and sorters, except agricultural (785)                  |
| 800-802     | not used  |
| 803-859     | <b>TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS</b>           |
| 803-814     | Motor Vehicle Operators   |
| 803         | Supervisors, motor vehicle operators (8111)                     |
| 804         | Truck drivers (8212-8214)                                       |
| 805         | not used  |
| 806         | Driver-sales workers (8218)                                     |
| 807         | not used  |
| 808         | Bus drivers (8215)  |
| 809         | Taxicab drivers and chauffeurs (8216)                           |
| 810-812     | not used  |
| 813         | Parking lot attendants (874)                                    |
| 814         | Motor transportation occupations, n.e.c. (8219)                 |
| 815-822     | not used  |
| 823-834     | Transportation Occupations, Except Motor Vehicles               |
| 823-826     | Rail Transportation Occupations                                 |
| 823         | Railroad conductors and yardmasters (8113)                      |
| 824         | Locomotive operating occupations (8232)                         |



| <b>Code</b> | <b>Occupation</b>   |
|-------------|---|
| 825         | Railroad brake, signal, and switch operators (8233)   |
| 826         | Rail vehicle operators, n.e.c. (8239)   |
| 827         | not used  |
| 828-834     | Water Transportation Occupations  |
| 828         | Ship captains and mates, except fishing boats (part 8241, 8242)   |
| 829         | Sailors and deckhands (8243)  |
| 830-832     | not used  |
| 833         | Marine engineers (8244)   |
| 834         | Bridge, lock, and lighthouse tenders (8245)   |
| 835-842     | not used  |
| 843-859     | Material Moving Equipment Operators   |
| 843         | Supervisors, material moving equipment operators (812)  |
| 844         | Operating engineers (8312)  |
| 845         | Longshore equipment operators (8313)  |
| 846-847     | not used  |
| 848         | Hoist and winch operators (8314)  |
| 849         | Crane and tower operators (8315)  |
| 850-852     | not used  |
| 853         | Excavating and loading machine operators (8316)   |
| 854         | not used  |
| 855         | Grader, dozer, and scraper operators (8317)   |
| 856         | Industrial truck and tractor equipment operators (8318)   |
| 857-858     | not used  |
| 859         | Miscellaneous material moving equipment operators (8319)  |
| 860-863     | not used  |
| 864-889     | HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS   |
| 864         | Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)                                    |
| 865         | Helpers, mechanics, and repairers (863)   |
| 866-868     | Helpers, Construction, and Extractive Occupations   |
| 866         | Helpers, construction trades (8641-8645, 8648)  |
| 867         | Helpers, surveyor (8646)  |
| 868         | Helpers, extractive occupations (865)   |
| 869         | Construction laborers (871)   |
| 870-873     | not used  |
| 874         | Production helpers (861, 862)   |
| 875-883     | Freight, Stock, and Material Handlers   |
| 875         | Garbage collectors (8722)   |
| 876         | Stevedores (8723)   |
| 877         | Stock handlers and baggers (8724)   |
| 878         | Machine feeders and offbearers (8725)   |
| 879-882     | not used  |
| 883         | Freight, stock, and material handlers, n.e.c. (8726)  |
| 884         | not used  |
| 885         | Garage and service station related occupations (873)  |
| 886         | not used  |
| 887         | Vehicle washers and equipment cleaners (875)  |
| 888         | Hand packers and packagers (8761)   |
| 889         | Laborers, except construction (8769)  |
| 890-904     | not used  |
| 905         | Assigned to persons whose current labor force status is unemployed and whose last job was Armed Forces. |

Detailed Occupation Recodes  
(01-46)

These codes correspond to the Items PRDTOCC1 and PRDTOCC2 located in positions 476-479 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0161-0162.

| Detailed Occupation   | Recode | Occupation Code                 |
|---|--------|---------------------------------|
| Administrators and Officials,<br>Public Administration          | 01     | 004-006                         |
| Other Executive, Administrators, and Managers                   | 02     | 007-022                         |
| Management Related Occupations                                  | 03     | 023-037                         |
| Engineers   | 04     | 044-059                         |
| Mathematical and Computer Scientists                            | 05     | 064-068                         |
| Natural Scientists  | 06     | 069-083                         |
| Health Diagnosing Occupations                                   | 07     | 084-089                         |
| Health Assessment and Treating Occupations                      | 08     | 095-106                         |
| Teachers, College and University                                | 09     | 113-154                         |
| Teachers, Except College and University                         | 10     | 155-159                         |
| Lawyers and Judges  | 11     | 178-179                         |
| Other Professional Specialty Occupations                        | 12     | 043,063,<br>163-177,<br>183-199 |
| Health Technologists and Technicians                            | 13     | 203-208                         |
| Engineering and Science Technicians                             | 14     | 213-225                         |
| Technicians, Except Health<br>Engineering, and Science          | 15     | 226-235                         |
| Supervisors and Proprietors,<br>Sales Occupations               | 16     | 243                             |
| Sales Representatives, Finance,<br>and Business Service         | 17     | 253-257                         |
| Sales Representatives, Commodities,<br>Except Retail            | 18     | 258-259                         |
| Sales Workers, Retail and<br>Personal Services                  | 19     | 263-278                         |
| Sales Related Occupations                                       | 20     | 283-285                         |
| Supervisors - Administrative Support                            | 21     | 303-307                         |
| Computer Equipment Operators                                    | 22     | 308-309                         |
| Secretaries, Stenographers, and Typists                         | 23     | 313-315                         |
| Financial Records, Processing Occupations                       | 24     | 337-344                         |
| Mail and Message Distributing                                   | 25     | 354-357                         |
| Other Administrative Support Occupations,<br>Including Clerical | 26     | 316-336,<br>345-353,<br>359-389 |
| Private Household Service Occupations                           | 27     | 403-407                         |
| Protective Service Occupations                                  | 28     | 413-427                         |
| Food Service Occupations  | 29     | 433-444                         |
| Health Service Occupations                                      | 30     | 445-447                         |
| Cleaning and Building Service Occupations                       | 31     | 448-455                         |

| <b>Detailed Occupation</b>                              | <b>Recode</b> | <b>Occupation Code</b>  |
|---|---------------|-------------------------|
| Personal Service Occupations                            | 32            | 456-469                 |
| Mechanics and Repairers                                 | 33            | 503-549                 |
| Construction Trades                                     | 34            | 553-599                 |
| Other Precision Production Occupations                  | 35            | 613-699                 |
| Machine Operators and Tenders,<br>Except Precision      | 36            | 703-779                 |
| Fabricators, Assemblers, Inspectors,<br>and Samplers    | 37            | 783-799                 |
| Motor Vehicle Operators                                 | 38            | 803-814                 |
| Other Transportation Occupations<br>and Material Moving | 39            | 823-859                 |
| Construction Laborer                                    | 40            | 869                     |
| Freight, Stock and Material Handlers                    | 41            | 875-883                 |
| Other Handlers, Equipment Cleaners,<br>and Laborers     | 42            | 864-868<br>874, 885-889 |
| Farm Operators and Managers                             | 43            | 473-476                 |
| Farm Workers and Related Occupations                    | 44            | 477-489                 |
| Forestry and Fishing Occupations                        | 45            | 494-499                 |
| Armed Forces last job, currently unemployed             | 46            | 905                     |

Major Occupation Group Recodes  
(01-14)

These codes correspond to Items PRMJOC1 and PRMJOC2 located in positions 486-489 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0159-0160.

| Occupation Group   | Recode | Occupation Code |
|--|--------|-----------------|
| Managerial and professional specialty occupations        |        |                 |
| Executive, administrative, and managerial occupations    | 01     | 004-037         |
| Professional specialty occupations                       | 02     | 043-199         |
| Technical, sales, and administrative support occupations |        |                 |
| Technicians and related support occupations              | 03     | 203-235         |
| Sales occupations  | 04     | 243-285         |
| Administrative support occupations, including clerical   | 05     | 303-389         |
| Service Occupations                                      |        |                 |
| Private household occupations                            | 06     | 403-407         |
| Protective service occupations                           | 07     | 413-427         |
| Service occupations, except protective and household     | 08     | 433-469         |
| Precision production, craft, and repair occupations      | 09     | 503-699         |
| Operators, fabricators, and laborers                     |        |                 |
| Machine operators, assemblers, and inspectors            | 10     | 703-799         |
| Transportation and material moving equipment occupations | 11     | 803-859         |
| Handlers, equipment cleaners, helpers, and laborers      | 12     | 864-889         |
| Farming, forestry, and fishing occupations               | 13     | 473-499         |
| Armed Forces last job, currently unemployed              | 14     | 905             |

## ATTACHMENT 12

### Specific Metropolitan Identifiers

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1993 definitions. MSA's and PMSA's can be identified by using the FIPS MSA/PMSA code (List 3). Identification of individual central cities is based on a combination of codes (List 2). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code. Some examples of the proper coding of specific metropolitan areas are given below:

| <u>AREA</u>                   | <u>INDIVIDUAL<br/>CENTRAL<br/>CITY CODE<br/>(GEINDVCC)</u> | <u>FIPS<br/>MSA/PMSA<br/>CODE<br/>(GEMSA)</u> | <u>FIPS<br/>CMSA<br/>CODE<br/>(GECMSA)</u> |
|-------------------------------|--|---|--|
|                               | List 4   | List 2 or 3                                   | List 1 or 2                                |
| Dallas-Fort Worth, TX CMSA    | N/C  | 1920 and 2800                                 | 31   |
| Fort Worth-Arlington, TX PMSA | N/C  | 2800  | N/C  |
| Fort Worth, TX Central City   | 1  | 2800  | N/C  |
| Phoenix, AZ MSA               | N/C  | 6200  | N/C  |
| Mesa, AZ Central City         | 2  | 6200  | N/C  |
| Burlington, VT MSA            | N/C  | 1305  | N/C  |

N/C = No Code Required

#### NOTE:

Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the household metropolitan statistical area residence status code (GEMSAST). It is recommended that this code in conjunction with the modified household metropolitan statistical area residence status code (GEMETSTA) be used for tallying metropolitan residence status for national and other grouped data. The GE in each variable name refers to Household Geographic.

## LIST 1: CMSA CODE (GECMSA)

| <u>FIPS CODE</u><br><u>(GECMSA)</u> | <u>CMSA TITLE</u>   |
|-------------------------------------|---|
| 07                                  | Boston-Worcester-Lawrence, MA-NH-ME-CT  |
| 14                                  | Chicago-Gary-Kenosha, IL-IN-WI (Kenosha, WI and Kankakee, IL<br>PMSA's not in sample) |
| 21                                  | Cincinnati-Hamilton, OH-KY-IN   |
| 28                                  | Cleveland-Akron, OH   |
| 31                                  | Dallas-Fort Worth, TX   |
| 34                                  | Denver-Boulder-Greeley, CO  |
| 35                                  | Detroit-Ann Arbor-Flint, MI   |
| 42                                  | Houston-Galveston-Brazoria, TX  |
| 49                                  | Los Angeles-Riverside-Orange County, CA   |
| 56                                  | Miami-Fort Lauderdale, FL   |
| 63                                  | Milwaukee-Racine, WI  |
| 70                                  | New York-Northern New Jersey-Long Island, NY-NJ-CT-PA                                 |
| 77                                  | Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD                                    |
| 79                                  | Portland-Salem, OR-WA   |
| 82                                  | Sacramento-Yolo, CA   |
| 84                                  | San Francisco-Oakland-San Jose, CA (Santa Cruz-Watsonville, CA<br>PMSA not in sample) |
| 91                                  | Seattle-Tacoma-Bremerton, WA (Bremerton, WA PMSA not in sample)                       |
| 97                                  | Washington-Baltimore, DC-MD-VA-WV   |

See List 2 or 3 for identification information on all PMSA's in sample.

## LIST 2: PMSA'S WITHIN CMSA'S

| FIPS<br>CMSA<br>CODE<br>(GECMSA) | FIPS<br>PMSA<br>CODE<br>(GEMSA) | <u>TITLE</u>   |
|----------------------------------|---------------------------------|--|
| 07                               |                                 | Boston-Worcester-Lawrence, MA-NH-ME-CT CMSA  |
|                                  | 1120                            | Boston, MA-NH*   |
|                                  | 1200                            | Brockton, MA   |
|                                  | 2600                            | Fitchburg-Leominster, MA   |
|                                  | 4160                            | Lawrence, MA-NH*   |
|                                  | 4560                            | Lowell, MA-NH*   |
|                                  | 4760                            | Manchester, NH   |
|                                  | 5350                            | Nashua, NH   |
|                                  | 5400                            | New Bedford, MA  |
|                                  | 6450                            | Portsmouth-Rochester, NH-ME (Maine portion not identified)   |
|                                  | 9240                            | Worcester, MA-CT (Connecticut portion suppressed)  |
| 14                               |                                 | Chicago-Gary-Kenosha, IL-IN-WI CMSA (The Kankakee, IL and<br>Kenosha, WI PMSA's are not in sample) |
|                                  | 1600                            | Chicago, IL (DeKalb County not in sample)  |
|                                  | 2960                            | Gary-Hammond, IN   |
| 21                               |                                 | Cincinnati-Hamilton, OH-KY-IN CMSA   |
|                                  | 1640                            | Cincinnati, OH-KY-IN (Dearborn County, IN not identified; Ohio<br>County, IN not in sample)        |
|                                  | 3200                            | Hamilton-Middletown, OH  |
| 28                               |                                 | Cleveland-Akron, OH CMSA   |
|                                  | 0080                            | Akron, OH  |
| 79                               | 1680                            | Cleveland-Lorain-Elyria, OH  |
| 31                               |                                 | Dallas-Fort Worth, TX CMSA   |
|                                  | 1920                            | Dallas, TX   |
|                                  | 2800                            | Fort Worth-Arlington, TX   |
| 34                               |                                 | Denver-Boulder-Greeley, CO CMSA  |
|                                  | 1125                            | Boulder-Longmont, CO   |
|                                  | 2080                            | Denver, CO   |
|                                  | 3060                            | Greeley, CO  |
| 35                               |                                 | Detroit-Ann Arbor-Flint, MI CMSA   |
|                                  | 0440                            | Ann Arbor, MI  |
|                                  | 2160                            | Detroit, MI  |
|                                  | 2640                            | Flint, MI  |

| <u>FIPS<br/>CMSA<br/>CODE<br/>(GECMSA)</u> | <u>FIPS<br/>PMSA<br/>CODE<br/>(GEMSA)</u> | <u>TITLE</u>  |
|--|---|---|
| 42   |   | Houston-Galveston-Brazoria, TX CMSA                                 |
|  | 1145                                      | Brazoria, TX  |
|  | 2920                                      | Galveston-Texas City, TX  |
|  | 3360                                      | Houston, TX (Chambers County not in sample)                         |
| 49   |   | Los Angeles-Riverside-Orange County, CA CMSA                        |
|  | 4480                                      | Los Angeles-Long Beach, CA  |
|  | 5945                                      | Orange County, CA   |
|  | 6780                                      | Riverside-San Bernardino, CA  |
|  | 8735                                      | Ventura, CA   |
| 56   |   | Miami-Fort Lauderdale, FL CMSA                                      |
|  | 2680                                      | Fort Lauderdale, FL   |
|  | 5000                                      | Miami, FL   |
| 63   |   | Milwaukee-Racine, WI CMSA   |
|  | 5080                                      | Milwaukee-Waukesha, WI  |
|  | 6600                                      | Racine, WI  |
| 70   |   | New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA          |
|  | 0875                                      | Bergen-Passaic, NJ  |
|  | 1160                                      | Bridgeport, CT  |
|  | 1930                                      | Danbury, CT   |
|  | 2281                                      | Dutchess County, NY   |
|  | 3640                                      | Jersey City, NJ   |
|  | 5015                                      | Middlesex-Somerset-Hunterdon, NJ                                    |
|  | 5190                                      | Monmouth-Ocean, NJ  |
|  | 5380                                      | Nassau-Suffolk, NY  |
|  | 5480                                      | New Haven-Meriden, CT   |
|  | 5600                                      | New York, NY (White Plains Central City recoded as balance of PMSA) |
|  | 5640                                      | Newark, NJ  |
|  | 5660                                      | Newburgh, NY-PA (Pennsylvania portion not identified)               |
|  | 8040                                      | Stamford-Norwalk, CT  |
|  | 8480                                      | Trenton, NJ   |
|  | 8880                                      | Waterbury, CT   |
| 77   |   | Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA             |
|  | 0560                                      | Atlantic-Cape May, NJ   |
|  | 6160                                      | Philadelphia, PA-NJ   |
|  | 8760                                      | Vineland-Millville-Bridgeton, NJ                                    |
|  | 9160                                      | Wilmington-Newark, DE-MD (Maryland portion suppressed)              |



| <u>FIPS<br/>CMSA<br/>CODE<br/>(GECMSA)</u> | <u>FIPS<br/>PMSA<br/>CODE<br/>(GEMSA)</u> | <u>TITLE</u>   |
|--|---|--|
| 79   | 6440<br>7080                              | Portland-Salem, OR-WA CMSA<br>Portland-Vancouver, OR-WA<br>Salem, OR   |
| 82   | 6920<br>9270                              | Sacramento-Yolo, CA CMSA<br>Sacramento, CA<br>Yolo, CA   |
| 84   | 5775<br>7360<br>7400<br>7500<br>8720      | San Francisco-Oakland-San Jose, CA CMSA (Santa Cruz-Watsonville,<br>CA PMSA not in sample)<br>Oakland, CA<br>San Francisco, CA<br>San Jose, CA<br>Santa Rosa, CA<br>Vallejo-Fairfield-Napa, CA |
| 91   | 5910<br>7600<br>8200                      | Seattle-Tacoma-Bremerton, WA CMSA (Bremerton, WA PMSA not in<br>sample)<br>Olympia, WA<br>Seattle-Bellevue-Everett, WA<br>Tacoma, WA   |
| 97   | 0720<br>3180<br>8840                      | Washington-Baltimore, DC-MD-VA-WV CMSA<br>Baltimore, MD<br>Hagerstown, MD<br>Washington, DC-MD-VA-WV (West Virginia portion not identified)  |

\* The New Hampshire portions of these PMSA's are not individually identified; but, they are collectively identified as being in the Boston CMSA.

### LIST 3: FIPS MSA/PMSA CODES (GECMSA)

| FIPS<br>MSA/PMSA<br>CODE (GEMSA) | <u>MSA/PMSA TITLE</u>  |
|----------------------------------|--|
| 0080                             | Akron, OH PMSA   |
| 0160                             | Albany-Schenectady-Troy, NY MSA (Schohaire County not in sample)                                 |
| 0200                             | Albuquerque, NM MSA  |
| 0240                             | Allentown-Bethlehem-Easton, PA MSA   |
| 0380                             | Anchorage, AK MSA  |
| 0440                             | Ann Arbor, MI PMSA   |
| 0450                             | Anniston, AL MSA   |
| 0460                             | Appleton-Oshkosh-Neenah, WI MSA  |
| 0480                             | Asheville, NC MSA (Madison County not in sample)   |
| 0520                             | Atlanta, GA MSA  |
| 0560                             | Atlantic-Cape May, NJ PMSA   |
| 0600                             | Augusta-Aiken, GA-SC MSA   |
| 0640                             | Austin-San Marcos, TX MSA  |
| 0680                             | Bakersfield, CA MSA  |
| 0720                             | Baltimore, MD PMSA   |
| 0760                             | Balton Rouge, LA MSA   |
| 0840                             | Beaumont-Port Arthur, TX MSA   |
| 0860                             | Bellingham, WA MSA   |
| 0870                             | Benton Harbor, MI MSA  |
| 0875                             | Bergen-Passaic, NJ PMSA  |
| 0960                             | Binghamton, NY MSA   |
| 1000                             | Birmingham, AL MSA   |
| 1080                             | Boise City, ID MSA   |
| 1120                             | Boston, MA-NH PMSA (New Hampshire portion not identified)  |
| 1125                             | Boulder-Longmont, CO PMSA  |
| 1145                             | Brazoria, TX PMSA  |
| 1160                             | Bridgeport, CT PMSA  |
| 1200                             | Brockton, MA PMSA  |
| 1240                             | Brownsville-Harlingen-San Benito, TX MSA   |
| 1280                             | Buffalo-Niagara Falls, NY MSA  |
| 1305                             | Burlington, VT MSA   |
| 1320                             | Canton-Massillon, OH MSA   |
| 1360                             | Cedar Rapids, IA MSA   |
| 1440                             | Charleston-North Charleston, SC MSA  |
| 1480                             | Charleston, WV MSA   |
| 1520                             | Charlotte-Gastonia-Rock Hill, NC-SC MSA  |
| 1560                             | Chattanooga, TN-GA MSA   |
| 1600                             | Chicago, IL PMSA (DeKalb County not in sample)   |
| 1620                             | Chico-Paradise, CA MSA   |
| 1640                             | Cincinnati, OH-KY-IN PMSA (Dearborn County, IN not identified;<br>Ohio County, IN not in sample) |

| <u>FIPS</u><br><u>MSA/PMSA</u><br><u>CODE (GEMSA)</u> | <u>MSA/PMSA TITLE</u>  |
|---|--|
| 1660  | Clarksville-Hopkinsville, TN-KY MSA (Kentucky portion not in sample)     |
| 1680  | Cleveland-Lorain-Elyria, OH PMSA   |
| 1720  | Colorado Springs, CO MSA   |
| 1760  | Columbia, SC MSA   |
| 1800  | Columbus, GA-AL MSA (Alabama portion not in sample)                      |
| 1840  | Columbus, OH MSA   |
| 1880  | Corpus Christi, TX MSA   |
| 1920  | Dallas, TX PMSA  |
| 1930  | Danbury, CT PMSA   |
| 1960  | Davenport-Moline-Rock Island, IA-IL MSA                                  |
| 2000  | Dayton-Springfield, OH MSA   |
| 2020  | Daytona Beach, FL MSA  |
| 2030  | Decatur, AL MSA  |
| 2040  | Decatur, IL MSA  |
| 2080  | Denver, CO PMSA  |
| 2120  | Des Moines, IA MSA   |
| 2160  | Detroit, MI PMSA   |
| 2190  | Dover, DE MSA  |
| 2240  | Duluth-Superior, MN-WI MSA (Wisconsin portion not identified)            |
| 2281  | Dutchess County, NY PMSA   |
| 2290  | Eau Claire, WI MSA   |
| 2320  | El Paso, TX MSA  |
| 2360  | Erie, PA MSA   |
| 2400  | Eugene-Springfield, OR MSA   |
| 2440  | Evansville-Henderson, IN-KY MSA (Kentucky portion not identified)        |
| 2520  | Fargo-Moorhead, ND-MN MSA (Minnesota portion not identified)             |
| 2560  | Fayetteville, NC MSA   |
| 2580  | Fayetteville-Springdale-Rogers, AR MSA                                   |
| 2600  | Fitchburg-Leominster, MA PMSA  |
| 2640  | Flint, MI PMSA   |
| 2650  | Florence, AL MSA   |
| 2670  | Fort Collins-Loveland, CO MSA  |
| 2680  | Fort Lauderdale, FL PMSA   |
| 2700  | Fort Myers-Cape Coral, FL MSA  |
| 2710  | Fort Pierce-Port St. Lucie, FL MSA                                       |
| 2720  | Fort Smith, AR-OK MSA (Oklahoma portion not in sample)                   |
| 2750  | Fort Walton Beach, FL MSA  |
| 2760  | Fort Wayne, IN MSA (Adams, Huntington, and Wells Counties not in sample) |
| 2800  | Fort Worth-Arlington, TX PMSA  |
| 2840  | Fresno, CA MSA   |
| 2900  | Gainesville, FL MSA  |
| 2920  | Galveston-Texas City, TX PMSA  |
| 2960  | Gary, IN PMSA  |
| 3000  | Grand Rapids-Muskegon-Holland, MI MSA                                    |

| <u>FIPS</u><br><u>MSA/PMSA</u><br><u>CODE (GEMSA)</u> | <u>MSA/PMSA TITLE</u>  |
|---|--|
| 3060  | Greeley, CO PMSA   |
| 3080  | Green Bay, WI MSA  |
| 3120  | Greenboro-Winston Salem-High Point, NC MSA                                   |
| 3150  | Greenville, NC MSA   |
| 3160  | Greenville-Spartanburg-Anderson, SC MSA                                      |
| 3180  | Hagerstown, MD PMSA  |
| 3200  | Hamilton-Middletown, OH PMSA   |
| 3240  | Harrisburg-Lebanon-Carlisle, PA MSA  |
| 3280  | Hartford, CT MSA   |
| 3290  | Hickory-Morgantown, NC MSA (Caldwell County not in sample)                   |
| 3320  | Honolulu, HI MSA   |
| 3350  | Houma, LA MSA  |
| 3360  | Houston, TX PMSA (Chambers County not in sample)                             |
| 3400  | Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified) |
| 3440  | Huntsville, AL MSA (Limestone County not in sample)                          |
| 3480  | Indianapolis, IN MSA (Madison County not in sample)                          |
| 3520  | Jackson, MI MSA  |
| 3560  | Jackson, MS MSA  |
| 3600  | Jacksonville, FL MSA   |
| 3610  | Jamestown, NY MSA  |
| 3640  | Jersey City, NJ PMSA   |
| 3660  | Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)  |
| 3680  | Johnstown, PA MSA  |
| 3720  | Kalamazoo-Battle Creek, MI MSA (Van Buren County not in sample)              |
| 3760  | Kansas City, MO-KS MSA   |
| 3840  | Knoxville, TN MSA  |
| 3880  | Lafayette, LA MSA (Acadia Parish not in sample)                              |
| 3960  | Lake Charles, LA MSA   |
| 3980  | Lakeland-Winter Haven, FL MSA  |
| 4000  | Lancaster, PA MSA  |
| 4040  | Lansing-East Lansing, MI MSA   |
| 4080  | Laredo, TX MSA   |
| 4100  | Las Cruces, NM MSA   |
| 4120  | Las Vegas, NV-AZ MSA (Nye County, NV and Mohave County, AZ not in sample)    |
| 4160  | Lawrence, MA-NH PMSA (New Hampshire portion not identified)                  |
| 4280  | Lexington, KY MSA (Madison County not in sample)                             |
| 4360  | Lincoln, NE MSA  |
| 4400  | Little Rock-North Little Rock, AR MSA  |
| 4480  | Los Angeles-Long Beach, CA PMSA  |
| 4520  | Louisville, KY-IN MSA (Scott County, IN not in sample)                       |
| 4560  | Lowell, MA-NH PMSA (New Hampshire portion not identified)                    |
| 4600  | Lubbock, TX MSA  |

| <u>FIPS</u><br><u>MSA/PMSA</u><br><u>CODE (GEMSA)</u> | <u>MSA/PMSA TITLE</u>   |
|---|---|
| 4680  | Macon, GA MSA (Twiggs County not in sample)   |
| 4720  | Madison, WI MSA   |
| <b>FIPS</b>   |   |
| 4760  | Manchester, NH PMSA   |
| 4880  | McAllen-Edinburg-Mission, TX MSA  |
| 4890  | Medford-Ashland, OR MSA   |
| 4900  | Melbourne-Titusville-Palm Bay, FL MSA   |
| 4920  | Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)  |
| 4940  | Merced, CA MSA  |
| 5000  | Miami, FL PMSA  |
| 5015  | Middlesex-Somerset-Hunterdon, NJ PMSA   |
| 5080  | Milwaukee-Waukesha, WI PMSA   |
| 5120  | Minneapolis-St., Paul, MN-WI MSA (St. Croix County, WI not identified;<br>Pierce County, WI not in sample)                  |
| 5160  | Mobile, AL MSA  |
| 5170  | Modesto, CA MSA   |
| 5190  | Monmouth-Ocean, NJ PMSA   |
| 5200  | Monroe, LA MSA  |
| 5240  | Montgomery, AL MSA  |
| 5330  | Myrtle Beach, SC MSA  |
| 5345  | Naples, FL MSA  |
| 5350  | Nashua, NH PMSA   |
| 5360  | Nashville, TN MSA   |
| 5380  | Nassau-Suffolk, NY PMSA   |
| 5400  | New Bedford, MA PMSA  |
| 5480  | New Haven-Meriden, CT PMSA  |
| 5520  | New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)   |
| 5560  | New Orleans, LA MSA   |
| 5600  | New York, NY PMSA (White Plains Central City recoded to balance of PMSA)  |
| 5640  | Newark, NJ PMSA   |
| 5660  | Newburgh, NY-PA PMSA (Pennsylvania portion not identified)  |
| 5720  | Norfolk-Virginia Beach-Newport News, VA-NC MSA (Mathews County, VA<br>not in sample; North Carolina portion not identified) |
| 5775  | Oakland, CA PMSA  |
| 5790  | Ocala, FL MSA   |
| 5800  | Odessa-Midland, TX MSA (Ector County not in sample)   |
| 5880  | Oklahoma City, OK MSA   |
| 5910  | Olympia, WA PMSA  |
| 5920  | Omaha, NE-IA MSA (Iowa portion not identified)  |
| 5945  | Orange County, CA PMSA  |
| 5960  | Orlando, FL MSA   |
| 6015  | Panama City, FL MSA   |
| 6080  | Pensacola, FL MSA   |
| 6120  | Peoria-Pekin, IL MSA  |

| <u>FIPS</u><br><u>MSA/PMSA</u><br><u>CODE (GEMSA)</u> | <u>MSA/PMSA TITLE</u>  |
|---|--|
| 6160  | Philadelphia, PA-NJ PMSA   |
| 6200  | Phoenix-Mesa, AZ MSA   |
| 6280  | Pittsburgh, PA MSA   |
| 6400  | Portland, ME MSA   |
| 6440  | Portland-Vancouver, OR-WA PMSA   |
| 6450  | Portsmouth-Rochester, NH-ME PMSA (Maine portion not identified)                  |
| 6480  | Providence-Fall River-Warwick, RI-MA MSA (Newport County, RI portion suppressed) |
| 6520  | Provo-Orem, UT MSA   |
| 6560  | Pueblo, CO MSA   |
| 6580  | Punta Gorda, FL MSA  |
| 6600  | Racine, WI PMSA  |
| 6640  | Raleigh-Durham-Chapel Hill, NC MSA   |
| 6680  | Reading, PA MSA  |
| 6720  | Reno, NV MSA   |
| 6760  | Richmond-Petersburg, VA MSA  |
| 6780  | Riverside-San Bernardino, CA PMSA  |
| 6800  | Roanoke, VA MSA  |
| 6840  | Rochester, NY MSA  |
| 6880  | Rockford, IL MSA   |
| 6920  | Sacramento, CA PMSA  |
| 6960  | Saginaw-Bay City-Midland, MI MSA   |
| 7040  | St. Louis, MO-IL MSA (Crawford County, MO [part] not in sample)                  |
| 7080  | Salem, OR PMSA   |
| 7120  | Salinas, CA MSA  |
| 7160  | Salt Lake City-Ogden, UT MSA   |
| 7240  | San Antonio, TX MSA  |
| 7320  | San Diego, CA MSA  |
| 7360  | San Francisco, CA PMSA   |
| 7400  | San Jose, CA PMSA  |
| 7460  | San Luis Obispo-Atascadero-Paso Robles, CA MSA                                   |
| 7480  | Santa Barbara-Santa Maria-Lompoc, CA MSA   |
| 7490  | Santa Fe, NM MSA   |
| 7500  | Santa Rosa, CA PMSA  |
| 7510  | Sarasota-Bradenton, FL MSA   |
| 7560  | Scranton-Wilkes Barre-Hazleton, PA MSA   |
| 7600  | Seattle-Bellevue-Everett, WA PMSA  |
| 7680  | Shreveport-Bossier City, LA MSA  |
| 7760  | Sioux Falls, SD MSA (Central City portion only identified)                       |
| 7800  | South Bend, IN MSA   |
| 7840  | Spokane, WA MSA  |
| 7880  | Springfield, IL MSA  |
| 7920  | Springfield, MO MSA (Webster County not in sample)                               |
| 8000  | Springfield, MA MSA  |

| <u>FIPS</u><br><u>MSA/PMSA</u><br><u>CODE (GEMSA)</u> | <u>MSA/PMSA TITLE</u>   |
|---|---|
| 8040  | Stamford-Norwalk, CT PMSA   |
| 8120  | Stockton-Lodi, CA MSA   |
| 8160  | Syracuse, NY MSA (Cayuga County not in sample)                      |
| 8200  | Tacoma, WA PMSA   |
| 8240  | Tallahassee, FL MSA   |
| 8280  | Tampa-St. Petersburg-Clearwater, FL MSA                             |
| 8400  | Toledo, OH MSA  |
| 8440  | Topeka, KS MSA (Central City portion only identified)               |
| 8480  | Trenton, NJ PMSA  |
| 8520  | Tucson, AZ MSA  |
| 8560  | Tulsa, OK MSA   |
| 8600  | Tuscaloosa, AL MSA  |
| 8680  | Utica-Rome, NY MSA  |
| 8720  | Vallejo-Fairfield-Napa, CA PMSA                                     |
| 8735  | Ventura, CA PMSA  |
| 8760  | Vineland-Millville-Bridgeton, NJ PMSA                               |
| 8780  | Visalia-Tulare-Porterville, CA MSA                                  |
| 8800  | Waco, TX MSA  |
| 8840  | Washington, DC-MD-VA-WV PMSA (West Virginia portion not identified) |
| 8880  | Waterbury, CT PMSA  |
| 8920  | Waterloo-Cedar Falls, IA MSA  |
| 8960  | West Palm Beach-Boca Raton, FL MSA                                  |
| 9000  | Wheeling, WV-OH MSA (Ohio portion not identified)                   |
| 9040  | Wichita, KS MSA   |
| 9160  | Wilmington-Newark, DE-MD PMSA (Maryland portion suppressed)         |
| 9200  | Wilmington, NC MSA (Brunswick County not in sample)                 |
| 9240  | Worcester, MA-CT PMSA (Connecticut portion suppressed)              |
| 9270  | Yolo, CA PMSA   |
| 9280  | York, PA MSA  |
| 9320  | Youngstown-Warren, OH MSA   |
| 9340  | Yuba City, CA MSA   |
| 9360  | Yuma, AZ MSA  |

**LIST 4: CENTRAL CITY CODES (GEINDVCC)**

| <u>GEMSA</u> |   | <u>GEINDVCC</u> |
|--------------|---|-----------------|
| 0160         | Albany-Schenectady-Troy, NY MSA             |                 |
|              | Albany                                      | 1               |
|              | Others                                      | 0               |
| 1120         | Boston, MA-NH PMSA                          |                 |
|              | Boston                                      | 1               |
|              | Others                                      | 0               |
| 1520         | Charlotte-Gastonia-Rock Hill, NC-SC MSA     |                 |
|              | Charlotte                                   | 1               |
|              | Others                                      | 0               |
| 1600         | Chicago, IL PMSA                            |                 |
|              | Chicago                                     | 1               |
|              | Others                                      | 0               |
| 1680         | Cleveland-Lorain-Elyria, OH PMSA            |                 |
|              | Cleveland                                   | 1               |
|              | Others                                      | 0               |
| 1920         | Dallas, TX PMSA                             |                 |
|              | Dallas                                      | 1               |
|              | Others                                      | 0               |
| 2000         | Dayton-Springfield, OH MSA                  |                 |
|              | Dayton                                      | 1               |
|              | Others                                      | 0               |
| 2160         | Detroit, MI PMSA                            |                 |
|              | Detroit                                     | 1               |
|              | Others                                      | 0               |
| 2800         | Fort Worth-Arlington, TX PMSA               |                 |
|              | Fort Worth                                  | 1               |
|              | Arlington                                   | 2               |
| 3120         | Greensboro-Winston-Salem-High Point, NC MSA |                 |
|              | Greensboro                                  | 1               |
|              | Winston-Salem                               | 2               |
|              | Others                                      | 0               |
| 4400         | Little Rock-North Little Rock, AR MSA       |                 |
|              | Little Rock                                 | 1               |
|              | Others                                      | 0               |



GEMSAGEINDVCC

|      |  |   |
|------|--|---|
| 4480 | Los Angeles-Long Beach, CA PMSA                |   |
|      | Los Angeles                                    | 1 |
|      | Long Beach                                     | 2 |
|      | Others   | 0 |
| 5120 | Minneapolis-St. Paul, MN MSA                   |   |
|      | Minneapolis                                    | 1 |
|      | St. Paul                                       | 2 |
| 5720 | Norfolk-Virginia Beach-Newport News, VA-NC MSA |   |
|      | Norfolk  | 1 |
|      | Virginia Beach                                 | 2 |
|      | Newport News                                   | 3 |
|      | Hampton  | 4 |
|      | Others   | 0 |
| 5775 | Oakland, CA PMSA                               |   |
|      | Oakland  | 1 |
|      | Others   | 0 |
| 5880 | Oklahoma City, OK MSA                          |   |
|      | Oklahoma City                                  | 1 |
|      | Others   | 0 |
| 5945 | Orange County, CA PMSA                         |   |
|      | Santa Ana                                      | 1 |
|      | Anaheim  | 2 |
|      | Irvine   | 3 |
| 6200 | Phoenix-Mesa, AZ MSA                           |   |
|      | Phoenix  | 1 |
|      | Mesa   | 2 |
|      | Tempe  | 3 |
|      | Scottsdale                                     | 4 |
| 6480 | Providence-Fall River-Warwick, RI-MA MSA       |   |
|      | Providence                                     | 1 |
|      | Others   | 0 |

GEMSAGEINDVCC

|      |   |   |
|------|---|---|
| 6640 | Raleigh-Durham-Chapel Hill, NC MSA      |   |
|      | Raleigh                                 | 1 |
|      | Others                                  | 0 |
| 6780 | Riverside-San Bernardino, CA PMSA       |   |
|      | Riverside                               | 1 |
|      | San Bernardino                          | 2 |
|      | Others                                  | 0 |
| 7320 | San Diego, CA MSA                       |   |
|      | San Diego                               | 1 |
|      | Others                                  | 0 |
| 7400 | San Jose, CA PMSA                       |   |
|      | San Jose                                | 1 |
|      | Sunnyvale                               | 2 |
|      | Others                                  | 0 |
| 7600 | Seattle-Bellevue-Everett, WA PMSA       |   |
|      | Seattle                                 | 1 |
|      | Others                                  | 0 |
| 8000 | Springfield, MA MSA                     |   |
|      | Springfield                             | 1 |
|      | Others                                  | 0 |
| 8280 | Tampa-St. Petersburg-Clearwater, FL MSA |   |
|      | Tampa                                   | 1 |
|      | Others                                  | 0 |
| 8720 | Vallejo-Fairfield-Napa, CA PMSA         |   |
|      | Vallejo                                 | 1 |
|      | Others                                  | 0 |

## LIST 5: COUNTY CODE LIST (GECO)

FIPS  
COUNTY  
CODE

### ALABAMA

|     |            |
|-----|------------|
| 015 | CALHOUN    |
| 073 | JEFFERSON  |
| 089 | MADISON    |
| 125 | TUSCALOOSA |

### ALASKA

|     |           |
|-----|-----------|
| 020 | ANCHORAGE |
|-----|-----------|

### ARIZONA

|     |          |
|-----|----------|
| 013 | MARICOPA |
| 019 | PIMA     |
| 021 | PINAL    |
| 025 | YAVAPAI  |
| 027 | YUMA     |

### CALIFORNIA

|     |               |
|-----|---------------|
| 001 | ALAMEDA       |
| 007 | BUTTE         |
| 013 | CONTRA COSTA  |
| 017 | EL DORADO     |
| 029 | KERN          |
| 037 | LOS ANGELES   |
| 041 | MARIN         |
| 047 | MERCED        |
| 053 | MONTERAY      |
| 059 | ORANGE        |
| 061 | PLACER        |
| 067 | SACRAMENTO    |
| 073 | SAN DIEGO     |
| 075 | SAN FRANCISCO |
| 077 | SAN JOAQUIN   |

FIPS  
COUNTY  
CODE

|     |                 |
|-----|-----------------|
| 079 | SAN LUIS OBISPO |
| 081 | SAN MATEO       |
| 083 | SANTA BARBARA   |
| 085 | SANTA CLARA     |
| 097 | SONOMA          |
| 099 | STANISLAUS      |
| 107 | TULARE          |
| 111 | VENTURA         |
| 113 | YOLO            |

**COLORADO**

|     |           |
|-----|-----------|
| 005 | ARAPAHOE  |
| 013 | BOULDER   |
| 031 | DENVER    |
| 041 | EL PASO   |
| 059 | JEFFERSON |
| 069 | LARIMER   |
| 101 | PUEBLO    |
| 123 | WELD      |

**DELAWARE**

|     |            |
|-----|------------|
| 001 | KENT       |
| 003 | NEW CASTLE |
| 005 | SUSSEX     |

**DISTRICT OF COLUMBIA**

|     |                      |
|-----|----------------------|
| 001 | DISTRICT OF COLUMBIA |
|-----|----------------------|

**FLORIDA**

|     |           |
|-----|-----------|
| 001 | ALACHUA   |
| 005 | BAY       |
| 009 | BREVARD   |
| 011 | BROWARD   |
| 015 | CHARLOTTE |
| 019 | CLAY      |
| 021 | COLLIER   |

FIPS  
COUNTY  
CODE

|     |              |
|-----|--------------|
| 025 | DADE         |
| 053 | HERNANDO     |
| 057 | HILLSBOROUGH |
| 069 | LAKE         |
| 071 | LEE          |
| 081 | MANATEE      |
| 083 | MARION       |
| 091 | OKALOOSA     |
| 095 | ORANGE       |
| 097 | OSCEOLA      |
| 099 | PALM BEACH   |
| 101 | PASCO        |
| 103 | PINELLAS     |
| 105 | POLK         |
| 115 | SARASOTA     |
| 117 | SEMINOLE     |

**GEORGIA**

|     |          |
|-----|----------|
| 063 | CLAYTON  |
| 067 | COBB     |
| 089 | DEKALB   |
| 121 | FULTON   |
| 135 | GWINNETT |

**HAWAII**

|     |          |
|-----|----------|
| 003 | HONOLULU |
|-----|----------|

**ILLINOIS**

|     |         |
|-----|---------|
| 099 | LASALLE |
| 115 | MACON   |

FIPS  
COUNTY  
CODE

**INDIANA**

|     |            |
|-----|------------|
| 057 | HAMILTON   |
| 089 | LAKE       |
| 091 | LAPORTE    |
| 127 | PORTER     |
| 141 | ST. JOSEPH |

**IOWA**

|     |            |
|-----|------------|
| 013 | BLACK HAWK |
| 113 | LINN       |
| 163 | SCOTT      |

**KANSAS**

|     |         |
|-----|---------|
| 177 | SHAWNEE |
|-----|---------|

**KENTUCKY**

|     |        |
|-----|--------|
| 117 | KENTON |
|-----|--------|

**LOUISIANA**

|     |                  |
|-----|------------------|
| 019 | CALCASIEU        |
| 033 | EAST BATON ROUGE |
| 051 | JEFFERSON        |
| 073 | OUACHITA         |

**MAINE**

|     |          |
|-----|----------|
| 011 | KENNEBEC |
|-----|----------|

FIPS  
COUNTY  
CODE

**MARYLAND**

|     |                 |
|-----|-----------------|
| 005 | BALTIMORE       |
| 013 | CARROLL         |
| 021 | FREDERICK       |
| 025 | HARFORD         |
| 027 | HOWARD          |
| 031 | MONTGOMERY      |
| 033 | PRINCE GEORGE'S |
| 043 | WASHINGTON      |

**MICHIGAN**

|     |           |
|-----|-----------|
| 021 | BERRIEN   |
| 049 | GENESEE   |
| 075 | JACKSON   |
| 099 | MACOMB    |
| 115 | MONROE    |
| 161 | WASHTENAW |

**MINNESOTA**

|     |            |
|-----|------------|
| 003 | ANOKA      |
| 037 | DAKOTA     |
| 053 | HENNEPIN   |
| 123 | RAMSEY     |
| 137 | ST. LOUIS  |
| 163 | WASHINGTON |

**MISSOURI**

|     |           |
|-----|-----------|
| 003 | CLAY      |
| 037 | JACKSON   |
| 099 | JEFFERSON |
| 189 | ST. LOUIS |

**NEBRASKA**

|     |           |
|-----|-----------|
| 109 | LANCASTER |
|-----|-----------|

FIPS  
COUNTY  
CODE

**NEVADA**

003 CLARK  
031 WASHOE

**NEW JERSEY**

003 BERGEN  
005 BURLINGTON  
007 CAMDEN  
011 CUMBERLAND  
013 ESSEX  
017 HUDSON  
019 HUNTERDON  
021 MERCER  
023 MIDDLESEX  
025 MONMOUTH  
027 MORRIS  
029 OCEAN  
031 PASSAIC  
035 SOMERSET  
039 UNION

**NEW MEXICO**

013 DONA ANA

**NEW YORK**

005 BRONX  
013 CHAUTAUQUA  
027 DUTCHESS  
047 KINGS  
055 MONROE  
059 NASSAU  
061 NEW YORK  
071 ORANGE  
075 OSWEGO  
081 QUEENS  
085 RICHMOND  
089 ST. LAWRENCE



FIPS  
COUNTY  
CODE

103 SUFFOLK  
111 ULSTER  
119 WESTCHESTER

**NORTH CAROLINA**

051 CUMBERLAND  
067 FORSYTHE  
119 MECKLENBURG  
129 NEW HANOVER  
147 PITT  
155 ROBESON  
183 WAKE

**NORTH DAKOTA**

017 CASS

**OHIO**

025 CLERMONT  
029 COLUMBIANA  
035 CUYAHOGA  
061 HAMILTON  
085 LAKE  
093 LORAIN  
103 MEDINA

**OKLAHOMA**

143 TULSA

**OREGON**

029 JACKSON  
039 LANE

FIPS  
COUNTY  
CODE

**PENNSYLVANIA**

|     |              |
|-----|--------------|
| 003 | ALLEGHENY    |
| 007 | BEAVER       |
| 011 | BERKS        |
| 017 | BUCKS        |
| 019 | BUTLER       |
| 029 | CHESTER      |
| 045 | DELAWARE     |
| 049 | ERIE         |
| 051 | FAYETTE      |
| 071 | LANCASTER    |
| 091 | MONTGOMERY   |
| 101 | PHILADELPHIA |
| 125 | WASHINGTON   |
| 129 | WESTMORELAND |
| 133 | YORK         |

**SOUTH CAROLINA**

|     |           |
|-----|-----------|
| 051 | HORRY     |
| 063 | LEXINGTON |
| 079 | RICHLAND  |
| 091 | YORK      |

**SOUTH DAKOTA**

|     |           |
|-----|-----------|
| 099 | MINNEHAHA |
|-----|-----------|

**TENNESSEE**

|     |            |
|-----|------------|
| 125 | MONTGOMERY |
|-----|------------|

**TEXAS**

|     |           |
|-----|-----------|
| 039 | BRAZORIA  |
| 061 | CAMERON   |
| 141 | EL PASO   |
| 157 | FORT BEND |

FIPS  
COUNTY  
CODE

|     |           |
|-----|-----------|
| 167 | GALVESTON |
| 215 | HIDALGO   |
| 303 | LUBBOCK   |
| 329 | MIDLAND   |
| 439 | TARRANT   |
| 479 | WEBB      |

**UTAH**

|     |      |
|-----|------|
| 049 | UTAH |
|-----|------|

**VIRGINIA**

|     |                     |
|-----|---------------------|
| 041 | CHESTERFIELD        |
| 059 | FAIRFAX             |
| 087 | HENRICO             |
| 153 | PRINCE WILLIAM      |
| 510 | ALEXANDRIA CITY     |
| 650 | HAMPTON CITY        |
| 700 | NEWPORT NEWS CITY   |
| 710 | NORFOLK CITY        |
| 810 | VIRGINIA BEACH CITY |

**WASHINGTON**

|     |          |
|-----|----------|
| 011 | CLARK    |
| 053 | PIERCE   |
| 063 | SPOKANE  |
| 067 | THURSTON |
| 073 | WHATCOM  |

**WISCONSIN**

|     |        |
|-----|--------|
| 009 | BROWN  |
| 025 | DANE   |
| 101 | RACINE |

## ATTACHMENT 13

### Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly earnings does not exceed an annualized wage of \$100,000 (\$1,923.07 per week). Below is a list of the appropriate topcodes.

| Hours | Topcode | Hours | Topcode | Hours | Topcode |
|-------|---------|-------|---------|-------|---------|
| 1     | None    | 34    | \$56.56 | 67    | \$28.70 |
| 2     | None    | 35    | \$54.94 | 68    | \$28.28 |
| 3     | None    | 36    | \$53.41 | 69    | \$27.87 |
| 4     | None    | 37    | \$51.97 | 70    | \$27.47 |
| 5     | None    | 38    | \$50.60 | 71    | \$27.08 |
| 6     | None    | 39    | \$49.30 | 72    | \$26.70 |
| 7     | None    | 40    | \$48.07 | 73    | \$26.34 |
| 8     | None    | 41    | \$46.90 | 74    | \$25.98 |
| 9     | None    | 42    | \$45.78 | 75    | \$25.64 |
| 10    | None    | 43    | \$44.72 | 76    | \$25.30 |
| 11    | None    | 44    | \$43.70 | 77    | \$24.97 |
| 12    | None    | 45    | \$42.73 | 78    | \$24.65 |
| 13    | None    | 46    | \$41.80 | 79    | \$24.34 |
| 14    | None    | 47    | \$40.91 | 80    | \$24.03 |
| 15    | None    | 48    | \$40.06 | 81    | \$23.74 |
| 16    | None    | 49    | \$39.24 | 82    | \$23.45 |
| 17    | None    | 50    | \$38.46 | 83    | \$23.16 |
| 18    | None    | 51    | \$37.70 | 84    | \$22.89 |
| 19    | None    | 52    | \$36.98 | 85    | \$22.62 |
| 20    | \$96.15 | 53    | \$36.28 | 86    | \$22.36 |
| 21    | \$91.57 | 54    | \$35.61 | 87    | \$22.10 |
| 22    | \$87.41 | 55    | \$34.96 | 88    | \$21.85 |
| 23    | \$83.61 | 56    | \$34.34 | 89    | \$21.60 |
| 24    | \$80.12 | 57    | \$33.73 | 90    | \$21.36 |
| 25    | \$76.92 | 58    | \$33.15 | 91    | \$21.13 |
| 26    | \$73.96 | 59    | \$32.59 | 92    | \$20.90 |
| 27    | \$71.22 | 60    | \$32.05 | 93    | \$20.67 |
| 28    | \$68.68 | 61    | \$31.52 | 94    | \$20.45 |
| 29    | \$66.31 | 62    | \$31.01 | 95    | \$20.24 |
| 30    | \$64.10 | 63    | \$30.52 | 96    | \$20.03 |
| 31    | \$62.03 | 64    | \$30.04 | 97    | \$19.82 |
| 32    | \$60.09 | 65    | \$29.58 | 98    | \$19.62 |
| 33    | \$58.27 | 66    | \$29.13 | 99    | \$19.42 |

## ATTACHMENT 14

### CURRENT POPULATION SURVEY

#### Selected Unweighted Tallies from the June 2000 Fertility Supplement

NOTE: Screen adult female items using PRPERTYP = 2, PESEX = 2, and PEAGE = 15-44 to match the universes for the items listed.

| ITEM  | VALUE   | TALLIES |
|-------|---|---------|
| PESF1 | How many live births, if any, has ... ever had? |         |
|       | 0 None  | 11249   |
|       | 1 One   | 4711    |
|       | 2 Two   | 6017    |
|       | 3 Three   | 3081    |
|       | 4 Four  | 1028    |
|       | 5 Five  | 319     |
|       | 6 Six   | 113     |
|       | 7 Seven   | 39      |
|       | 8 Eight   | 18      |
|       | 9 Nine  | 6       |
|       | 10 Ten  | 4       |
|       | 11 Eleven                                       | 3       |
|       | 12 Twelve                                       | 1       |
|       | 13 Thirteen                                     | 1       |

## ATTACHMENT 15

### COUNTRIES AND AREAS OF THE WORLD

#### Current Population Survey

##### List A -- Alphabetical List of Countries and Areas of the World

If the specific country reported was not on the interviewer's list, or if the respondent did not know the specific country, the following codes for broad areas of the world were available for coding:

| Code | Name                                   |
|------|--|
| 148  | Europe                                 |
| 245  | Asia                                   |
| 252  | Middle East                            |
| 304  | North America                          |
| 318  | Central America                        |
| 353  | Caribbean                              |
| 389  | South America                          |
| 468  | North Africa                           |
| 462  | Other Africa                           |
| 527  | Pacific Islands                        |
| 555  | Elsewhere (includes country not known) |

The countries (or areas) shown below were coded separately, if reported.

| Code | Name           | Code | Name              |
|------|----------------|------|-------------------|
| 200  | Afghanistan    | 213  | Iraq              |
| 60   | American Samoa | 119  | Ireland/Eire      |
| 375  | Argentina      | 214  | Israel            |
| 185  | Armenia        | 120  | Italy             |
| 501  | Australia      | 343  | Jamaica           |
| 102  | Austria        | 215  | Japan             |
| 130  | Azores         | 216  | Jordan            |
| 333  | Bahamas        | 427  | Kenya             |
| 202  | Bangladesh     | 217  | Korea/South Korea |
| 334  | Barbados       | 221  | Laos              |
| 103  | Belgium        | 183  | Latvia            |
| 310  | Belize         | 222  | Lebanon           |
| 300  | Bermuda        | 184  | Lithuania         |
| 376  | Bolivia        | 224  | Malaysia          |
| 377  | Brazil         | 315  | Mexico            |
| 205  | Burma          | 436  | Morocco           |
| 206  | Cambodia       | 126  | Netherlands       |
| 301  | Canada         | 514  | New Zealand       |
| 378  | Chile          | 316  | Nicaragua         |
| 207  | China          | 440  | Nigeria           |
| 379  | Colombia       | 142  | Northern Ireland  |
| 311  | Costa Rica     | 127  | Norway            |
| 337  | Cuba           | 229  | Pakistan          |
| 155  | Czech Republic | 253  | Palestine         |
| 105  | Czechoslovakia | 317  | Panama            |
| 106  | Denmark        | 385  | Peru              |

| <b>Code</b> | <b>Name</b>        | <b>Code</b> | <b>Name</b>              |
|-------------|--------------------|-------------|--------------------------|
| 339         | Dominican Republic | 231         | Philippines              |
| 338         | Dominica           | 128         | Poland                   |
| 380         | Ecuador            | 129         | Portugal                 |
| 415         | Egypt              | 72          | Puerto Rico              |
| 312         | El Salvador        | 132         | Romania                  |
| 139         | England            | 192         | Russia                   |
| 417         | Ethiopia           | 233         | Saudi Arabia             |
| 507         | Figi               | 140         | Scotland                 |
| 108         | Finland            | 234         | Singapore                |
| 109         | France             | 156         | Slovakia/Slovak Republic |
| 110         | Germany            | 449         | South Africa             |
| 421         | Ghana              | 134         | Spain                    |
| 138         | Great Britain      | 136         | Sweden                   |
| 116         | Greece             | 137         | Switzerland              |
| 340         | Grenada            | 237         | Syria                    |
| 66          | Guam               | 238         | Taiwan                   |
| 313         | Guatemala          | 239         | Thailand                 |
| 383         | Guyana             | 351         | Trinidad & Tobago        |
| 342         | Haiti              | 240         | Turkey                   |
| 126         | Holland            | 57          | United States            |
| 314         | Honduras           | 78          | U.S. Virgin Islands      |
| 209         | Hong Kong          | 180         | USSR                     |
| 117         | Hungary            | 195         | Ukraine                  |
| 210         | India              | 387         | Uruguay                  |
| 211         | Indonesia          | 388         | Venezuela                |
| 212         | Iran               | 242         | Vietnam                  |
|             |                    | 147         | Yugoslavia               |

List B. Numeric List of Countries and Areas of the World

The following list of countries/areas is in numeric order by code.

| <b>Code</b> | <b>Name</b>              | <b>Code</b> | <b>Name</b>        |
|-------------|--------------------------|-------------|--------------------|
| 57          | United States            | 231         | Philippines        |
| 60          | American Samoa           | 233         | Saudi Arabia       |
| 66          | Guam                     | 234         | Singapore          |
| 72          | Puerto Rico              | 237         | Syria              |
| 78          | U.S. Virgin Islands      | 238         | Taiwan             |
| 102         | Austria                  | 239         | Thailand           |
| 103         | Belgium                  | 240         | Turkey             |
| 105         | Czechoslovakia           | 242         | Vietnam            |
| 106         | Denmark                  | 245         | Asia               |
| 108         | Finland                  | 252         | Middle East        |
| 109         | France                   | 253         | Palestine          |
| 110         | Germany                  | 300         | Bermuda            |
| 116         | Greece                   | 301         | Canada             |
| 117         | Hungary                  | 304         | North America      |
| 119         | Ireland/Eire             | 310         | Belize             |
| 120         | Italy                    | 311         | Costa Rica         |
| 126         | Holland                  | 312         | El Salvador        |
| 126         | Netherlands              | 313         | Guatemala          |
| 127         | Norway                   | 314         | Honduras           |
| 128         | Poland                   | 315         | Mexico             |
| 129         | Portugal                 | 316         | Nicaragua          |
| 130         | Azores                   | 317         | Panama             |
| 132         | Romania                  | 318         | Central America    |
| 134         | Spain                    | 333         | Bahamas            |
| 136         | Sweden                   | 334         | Barbados           |
| 137         | Switzerland              | 337         | Cuba               |
| 138         | Great Britain            | 338         | Dominica           |
| 139         | England                  | 339         | Dominican Republic |
| 140         | Scotland                 | 340         | Grenada            |
| 142         | Northern Ireland         | 342         | Haiti              |
| 147         | Yugoslavia               | 343         | Jamaica            |
| 148         | Europe                   | 351         | Trinidad & Tobago  |
| 155         | Czech Republic           | 353         | Caribbean          |
| 156         | Slovakia/Slovak Republic | 375         | Argentina          |
| 180         | USSR                     | 376         | Bolivia            |
| 183         | Latvia                   | 377         | Brazil             |
| 184         | Lithuania                | 378         | Chile              |
| 185         | Armenia                  | 379         | Colombia           |
| 192         | Russia                   | 380         | Ecuador            |
| 195         | Ukraine                  | 383         | Guyana             |
| 200         | Afghanistan              | 385         | Peru               |
| 202         | Bangladesh               | 387         | Uruguay            |
| 205         | Burma                    | 388         | Venezuela          |
| 206         | Cambodia                 | 389         | South America      |
| 207         | China                    | 415         | Egypt              |
| 209         | Hong Kong                | 417         | Ethiopia           |
| 210         | India                    | 421         | Ghana              |
| 211         | Indonesia                | 427         | Kenya              |
| 212         | Iran                     | 436         | Morocco            |
| 213         | Iraq                     | 440         | Nigeria            |
| 214         | Israel                   | 449         | South Africa       |
| 215         | Japan                    | 462         | Other Africa       |



| <b>Code</b> | <b>Name</b>       | <b>Code</b> | <b>Name</b>     |
|-------------|-------------------|-------------|-----------------|
| 216         | Jordan            | 468         | North Africa    |
| 217         | Korea/South Korea | 501         | Australia       |
| 221         | Laos              | 507         | Fiji            |
| 222         | Lebanon           | 514         | New Zealand     |
| 224         | Malaysia          | 527         | Pacific Islands |
| 229         | Pakistan          | 555         | Elsewhere       |

## ATTACHMENT 16

### ALLOCATION FLAGS

#### Current Population Survey

For every edited item, there is a corresponding allocation flag with the prefix "PX". The last six characters of the names are the same. For example, PXMLR is the allocation flag for PEMLR. All allocation flags have the following list of possible values.

|    |                                     |
|----|-------------------------------------|
| 00 | VALUE - NO CHANGE                   |
| 01 | BLANK - NO CHANGE                   |
| 02 | DON'T KNOW - NO CHANGE              |
| 03 | REFUSED - NO CHANGE                 |
| 10 | VALUE TO VALUE                      |
| 11 | BLANK TO VALUE                      |
| 12 | DON'T KNOW TO VALUE                 |
| 13 | REFUSED TO VALUE                    |
| 20 | VALUE TO LONGITUDINAL VALUE         |
| 21 | BLANK TO LONGITUDINAL VALUE         |
| 22 | DON'T KNOW TO LONGITUDINAL VALUE    |
| 23 | REFUSED TO LONGITUDINAL VALUE       |
| 30 | VALUE TO ALLOCATED VALUE LONG.      |
| 31 | BLANK TO ALLOCATED VALUE LONG.      |
| 32 | DON'T KNOW TO ALLOCATED VALUE LONG. |
| 33 | REFUSED TO ALLOCATED VALUE LONG.    |
| 40 | VALUE TO ALLOCATED VALUE            |
| 41 | BLANK TO ALLOCATED VALUE            |
| 42 | DON'T KNOW TO ALLOCATED VALUE       |
| 43 | REFUSED TO ALLOCATED VALUE          |
| 50 | VALUE TO BLANK                      |
| 52 | DON'T KNOW TO BLANK                 |
| 53 | REFUSED TO BLANK                    |

## ATTACHMENT 17

### Source and Accuracy of Estimates for the June 2000 CPS Microdata File on Fertility and Birth Expectations

#### SOURCE OF DATA

The data in this microdata file come from the June 2000 Current Population Survey (CPS). The June survey uses two sets of questions, the basic CPS and the supplement.

**Basic CPS.** The basic CPS collects primarily labor force data about the civilian noninstitutional population. Interviewers ask questions concerning labor force participation about each member 15 years old and over in every sample household.

**June 2000 Supplement.** In addition to the basic CPS questions, interviewers asked supplementary questions in June 2000 about fertility of women between 15 and 44 years of age.

**Sample design.** The present CPS sample was selected from the 1990 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. To obtain the sample, the United States was divided into 2,007 geographic areas. In most states, a geographic area consisted of a county or several contiguous counties. In some areas of New England and Hawaii, minor civil divisions are used instead of counties. These 2,007 geographic areas were then grouped into 754 strata, and one geographic area was selected from each stratum. About 50,000 occupied households are eligible for interview every month out of these 754 areas. Interviewers are unable to obtain interviews at about 3,200 of these units. This occurs when the occupants are not found at home after repeated calls or are unavailable for some other reason.

**Sample Redesign.** Since the introduction of the CPS, the Census Bureau has redesigned the CPS sample several times. These redesigns have improved the quality and accuracy of the data and have satisfied changing data needs. The most recent changes were completely implemented in July 1995.

**Estimation procedure.** This survey's estimation procedure adjusts weighted sample results to agree with independent estimates of the civilian noninstitutional population of the United States by age, sex, race, Hispanic/non-Hispanic origin, and state of residence. The adjusted estimate is called the post-stratification ratio estimate. The independent estimates are calculated based on information from four primary sources:

- ⊆ The 1990 Decennial Census of Population and Housing.
- ⊆ An adjustment for undercoverage in the 1990 census.
- ⊆ Statistics on births, deaths, immigration, and emigration.
- ⊆ Statistics on the size of the Armed Forces.

The independent population estimates include some, but not all, undocumented immigrants.

## ACCURACY OF THE ESTIMATES

A sample survey estimate has two possible types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design. The full extent of the nonsampling error, however, is unknown.

**Sampling Error.** Since the CPS estimates come from a sample, they may differ from figures from a complete census using the same questionnaires, instructions, and enumerators. This possible variation in the estimates due to sampling error is known as “sampling variability.”

Consequently, one should be particularly careful when interpreting results based on a relatively small number of cases or on small differences between estimates. The standard errors for CPS estimates primarily indicate the magnitude of sampling error. They also partially measure the effect of some nonsampling errors in responses and enumeration, but do not measure systematic biases in the data. (Bias is the average over all possible samples of the differences between the sample estimates and the desired value.)

**Nonsampling Error.** All other sources of error in the survey estimates are collectively called nonsampling error. Sources of nonsampling errors include the following:

- Inability to obtain information about all cases in the sample.
- Definitional difficulties.
- Differences in the interpretation of questions.
- Respondents' inability or unwillingness to provide correct information.
- Respondents' inability to recall information.
- Errors made in data collection such as in recording or coding the data.
- Errors made in processing the data.
- Errors made in estimating values for missing data.
- Failure to represent all units with the sample (undercoverage).

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

**Nonresponse.** The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the June 2000 basic CPS, the nonresponse rate was 7.1%. The nonresponse rate for the Fertility supplement was an additional 4.9%, for a total supplement nonresponse rate of 11.6%.

**Coverage.** The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample covers the survey's target population. CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage is estimated to be about 8 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. As described previously, ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to undercoverage. However, biases exist in the estimates to the

extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-origin-state group.

A common measure of survey coverage is the coverage ratio, the estimated population before post-stratification divided by the independent population control. Table A shows CPS coverage ratios for age-sex-race groups for a typical month. The CPS coverage ratios can exhibit some variability from month to month. Other Census Bureau household surveys experience similar coverage.

Table 1. CPS Coverage Ratios

| Age   | Non-Black |       | Black |       | All Persons |       |       |
|-------|-----------|-------|-------|-------|-------------|-------|-------|
|       | M         | F     | M     | F     | M           | F     | Total |
| 0-14  | 0.929     | 0.964 | 0.850 | 0.838 | 0.916       | 0.943 | 0.929 |
| 15    | 0.933     | 0.895 | 0.763 | 0.824 | 0.905       | 0.883 | 0.895 |
| 16-19 | 0.881     | 0.891 | 0.711 | 0.802 | 0.855       | 0.877 | 0.866 |
| 20-29 | 0.847     | 0.897 | 0.660 | 0.811 | 0.823       | 0.884 | 0.854 |
| 30-39 | 0.904     | 0.931 | 0.680 | 0.845 | 0.877       | 0.920 | 0.899 |
| 40-49 | 0.928     | 0.966 | 0.816 | 0.911 | 0.917       | 0.959 | 0.938 |
| 50-59 | 0.953     | 0.974 | 0.896 | 0.927 | 0.948       | 0.969 | 0.959 |
| 60-64 | 0.961     | 0.941 | 0.954 | 0.953 | 0.960       | 0.942 | 0.950 |
| 65-69 | 0.919     | 0.972 | 0.982 | 0.984 | 0.924       | 0.973 | 0.951 |
| 70+   | 0.993     | 1.004 | 0.996 | 0.979 | 0.993       | 1.002 | 0.998 |
| 15+   | 0.914     | 0.945 | 0.767 | 0.874 | 0.898       | 0.927 | 0.918 |
| 0+    | 0.918     | 0.949 | 0.793 | 0.864 | 0.902       | 0.931 | 0.921 |

**A Nonsampling Error Warning.** Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. Even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures probably do not reveal useful information when computed on a base<sup>1</sup> smaller than 75,000. For additional information on nonsampling error including the possible impact on CPS data when known, refer to Statistical Policy Working Paper 3, An Error Profile: Employment as Measured by the Current Population Survey, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978 and Technical Paper 63, The Current Population Survey: Design and Methodology, Bureau of the Census, U.S. Department of Commerce.

<sup>1</sup>Subpopulation

**Standard Errors and Their Use.** The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range that would include the average result of all possible samples with a known probability. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples. However, one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing. This is a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of women between 15 and 44 years of age who had a child in 2000 that were in the labor force to the percentage of women between 15 and 44 years of age who had a child in 1998 that were in the labor force. An illustration of this is included in the following pages.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. To conclude that two parameters are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

**Standard errors of estimated numbers.** The approximate standard error,  $s_x$ , of an estimated number from this microdata file can be obtained using this formula:

$$s_x = \sqrt{ax^2 + bx}$$

*Formula (1)*

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Table 2 or 3 associated with the particular type of characteristic. When calculating standard errors from cross-tabulations involving different characteristics, use the set of parameters for the characteristic which will give the largest standard error.

### Illustration

Suppose there were 563,000 unemployed women 35-44 years of age in the civilian labor force. Use the appropriate parameters from Table 2 and Formula (1) to get

|                |                    |
|----------------|--------------------|
| Number, x      | 563000             |
| a parameter    | -0.000018          |
| b parameter    | 2,957              |
| standard error | 41,000             |
| 90% conf. int. | 496,000 to 630,000 |

The standard error is calculated as

$$s_x = \sqrt{0.000018 \times 563,000^2 + 2,957 \times 563,000} = 41,000$$

the 90-percent confidence interval is calculated as  $563,000 \pm 1.645 \times 41,000$ .

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Estimated Percentages.** The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 2 or 3 indicated by the numerator.

The approximate standard error,  $s_{x,p}$ , of an estimated percentage can be obtained by use of the formula

$$s_{x,p} = \sqrt{\frac{b}{x} p(100 - p)}$$

*Formula (2)*

Here x is the total number of persons, families, households, or unrelated individuals in the base of the percentage, p is the percentage ( $0 \neq p \neq 100$ ), and b is the parameter in Table 2 or 3 associated with the characteristic in the numerator of the percentage.

Illustration.

Suppose that 6.5 percent of the 60,873,000 women 15-44 years old had a child in the last year. Use the appropriate parameter from Table 3 and formula (2) to get

|                |            |
|----------------|------------|
| Percentage, p  | 6.5        |
| Base, x        | 60,873,000 |
| b parameter    | 2,241      |
| Standard error | 0.15       |
| 90% conf. int. | 6.3 to 6.7 |

The standard error is calculated as

$$s_{x,p} = \sqrt{(2,241/60,873,000)(6.5)(100.0 \pm 6.5)} = 0.15$$

The 90-percent confidence interval for the percentage of women 15-44 years old who had a child in the last year is calculated as  $6.5 \pm 1.645 \times 0.15$ .

**Standard Error of a Difference.** The standard error of the difference between two sample estimates is approximately equal to

$$s_{x\&y} = \sqrt{s_x^2 + s_y^2}$$

Formula (3)

where  $s_x$  and  $s_y$  are the standard errors of the estimates, x and y. The estimates can be numbers, percentages, ratios, etc. This will represent the actual standard error quite accurately for the difference between estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.



Illustration

Suppose that of 3,934,000 women in 2000 between 15-44 years of age who had a child in the previous year, 2,170,000 or 55.2 percent were in the labor force, and of the 3,671,000 women in 1998 between 15-44 years of age who had a child in the previous year, 2,155,000 or 58.7 percent were in the labor force. Use the appropriate parameters from Table 2 and formulas (3) and (4) to get

|                | x            | y            | difference |
|----------------|--------------|--------------|------------|
| Percentage, p  | 55.2         | 58.7         | 3.5        |
| Number, x      | 3,934,000    | 3,671,000    | -          |
| b parameter    | 2,530        | 2,530        | -          |
| Standard error | 1.26         | 1.29         | 1.80       |
| 90% conf. int. | 53.1 to 57.3 | 56.6 to 60.8 | 0.5 to 6.5 |

The standard error of the difference is calculated as

$$s_{x \& y} = \sqrt{1.26^2 + 1.29^2} = 1.80$$

The 90-percent confidence interval around the difference is calculated as  $3.5 \pm 1.645 \times 1.80$ . Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of women between 15-44 years of age who had a child in 2000 who were in the labor force is different from the percentage of women between 15-44 years of age who had a child in 1998 who were in the labor force.

**Standard error of a fertility ratio.** The standard error of a fertility ratio is a function of the number of children ever born per 1,000 women and the number of women in a given category. The formula for the standard error of a fertility ratio is

$$s_{x,y} = x \sqrt{a + \frac{b}{xy} + \frac{c}{1,000y}}$$

Formula (4)

where a, b and c are the parameters from Table 4, x is the number of children ever born or expected per 1,000 women and y is the number of women, in thousands. This formula should be used when calculating standard errors for estimates involving the possibility of more than one event per woman, i.e., number of children ever born. For data involving at most one event per woman, convert the ratio to a percentage and use formula (2) and the parameters in Table 2 or 3 to calculate the standard errors.

Illustration.

Suppose that 10,055,000 ever-married women 40-44 years old had 2,050 children ever born per 1,000 women. Use formula (4) and the parameters in Table 4 to get

|                       |                |
|-----------------------|----------------|
| Children Ever Born, x | 2,050          |
| Base, 1,000y          | 10,055,000     |
| a parameter           | +0.0000014     |
| b parameter           | 901            |
| c parameter           | 1,644          |
| Standard error        | 30             |
| 90% conf. int.        | 2,001 to 2,099 |

The standard error is calculated as

$$s_{x,y} = 2,050 \sqrt{0.0000014 \% \frac{901}{2,050 \times 10,055} \% \frac{1,644}{1,000 \times 10,055}} = 30$$

The 90-percent confidence interval is from 2,001 to 2,099 children ever born per 1,000 women (i.e., 2,050 ± 1.645×30). A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Error of a Ratio.** Certain estimates may be calculated as the ratio of two numbers. The standard error of a ratio, x/y, may be computed using

$$s_{x/y} = \frac{x}{y} \sqrt{\left[\frac{s_x}{x}\right]^2 \% \left[\frac{s_y}{y}\right]^2} \& 2r \frac{s_x s_y}{x y}$$

Formula (5)

The standard error of the numerator,  $s_x$ , and that of the denominator,  $s_y$ , may be calculated using formulas described earlier. In formula (5),  $r$  represents the correlation between the numerator and the denominator of the estimate.

For one type of ratio, the denominator is a count of families or households and the numerator is a count of persons in those families or households with a certain characteristic. If there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of  $r$ . An example of this type is the mean number of children per family with children.

For all other types of ratios, r is assumed to be zero. If r is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio. Examples of this type are the mean number of children per family and the poverty rate.

NOTE: For estimates expressed as the ratio of x per 100 y or x per 1,000 y, multiply formula (5) by 100 or 1,000, respectively, to obtain the standard error.

Illustration.

Suppose there are 35,778,000 ever-married women 15-44 years old and 25,095,000 never-married women 15-44 years old. The ratio of ever-married women, x, to never-married women, y, is 1.43. Use the appropriate parameters from Table 3 and equations (1) and (5) to get

|                | x          | y          | ratio |
|----------------|------------|------------|-------|
| Estimate       | 35,778,000 | 25,095,000 | 1.43  |
| a parameter    | -0.000024  | -0.000024  | -     |
| b parameter    | 5,211      | 5,211      | -     |
| Standard error | 395,000    | 340,000    | 0.02  |
| 90% conf. int. | 35,128,000 | 24,536,000 | 1.40  |
|                | to         | to         | to    |
|                | 36,428,000 | 25,654,000 | 1.46  |

Using formula (5) with r = 0, the estimate of the standard error is

$$s_{x/y} = \frac{35,778,000}{25,095,000} \sqrt{\left[ \frac{395,000}{35,778,000} \right]^2 + \left[ \frac{340,000}{25,095,000} \right]^2} = 0.02$$

The 90-percent confidence interval is calculated as 1.43 ± 1.645x0.02.

**Standard errors for region, state and nonmetropolitan estimates.** Multiply the parameters in Tables 2, 3 and 4 by the factors in Tables 5 and 6 to get state, region and nonmetropolitan parameters for labor force and fertility estimates.

| <b>Table 2. Parameters for Computation of Standard Errors for Labor Force Characteristics:<br/>June 2000</b> |           |       |
|--|-----------|-------|
| Characteristic   | a         | b     |
| <b>Labor Force and Not In Labor Force Data<br/>Other than Agricultural Employment and<br/>Unemployment</b>   |           |       |
| Total <sup>1</sup>   | -0.000018 | 2,985 |
| Men <sup>1</sup>   | -0.000033 | 2,764 |
| Women  | -0.000030 | 2,530 |
| Both sexes, 16 to 19 years   | -0.000172 | 2,545 |
| White <sup>1</sup>   | -0.000020 | 2,985 |
| Men  | -0.000037 | 2,767 |
| Women  | -0.000034 | 2,527 |
| Both sexes, 16 to 19 years   | -0.000204 | 2,550 |
| Black  | -0.000125 | 3,139 |
| Men  | -0.000302 | 2,931 |
| Women  | -0.000183 | 2,637 |
| Both sexes, 16 to 19 years   | -0.001295 | 2,949 |
| Hispanic origin  | -0.000206 | 3,896 |
| <b>Not In Labor Force (use only for Total,<br/>Total Men, and White)</b>                                     | +0.000006 | 829   |
| <b>Agricultural Employment</b>   |           |       |
| Total or White   | +0.000782 | 3,049 |
| Men  | +0.000858 | 2,825 |
| Women or<br>Both sexes, 16 to 19 years   | -0.000025 | 2,582 |
| Black  | -0.000135 | 3,155 |
| Hispanic origin  |           |       |
| Total or Women   | +0.011857 | 2,895 |
| Men or<br>Both sexes, 16 to 19 years   | +0.015736 | 1,703 |
| <b>Unemployment</b>  |           |       |
| Total or White   | -0.000018 | 2,957 |
| Black  | -0.000212 | 3,150 |
| Hispanic origin  | -0.000102 | 3,576 |

<sup>1</sup> For not in labor force characteristics, use the Not In Labor Force parameters.

NOTE: These parameters are to be applied to basic CPS monthly labor force estimates.

For foreign-born characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born characteristics for Blacks and Hispanics.

**Table 3. Parameters for Computation of Standard Errors for  
June 2000 Supplement Characteristics**

| Characteristic  | Persons   |        | Households, etc. |       |
|---|-----------|--------|------------------|-------|
|   | a         | b      | a                | b     |
| <b>FERTILITY <sup>1</sup></b>                                     |           |        |                  |       |
| Total or White  | -0.000037 | 2,241  | (X)              | (X)   |
| Black   | -0.000251 | 2,241  | (X)              | (X)   |
| Hispanic  | -0.000450 | 4,100  | (X)              | (X)   |
| Asian/Pacific Islander  | -0.000631 | 2,241  | (X)              | (X)   |
| <b>NUMBER OF BIRTHS</b>   |           |        |                  |       |
| Total or White  | -0.000067 | 4,087  | (X)              | (X)   |
| Black   | -0.000457 | 4,081  | (X)              | (X)   |
| Hispanic  | -0.000802 | 7,312  | (X)              | (X)   |
| Asian/Pacific Islander  | -0.001149 | 4,081  | (X)              | (X)   |
| <b>MARITAL STATUS, HOUSEHOLD &amp;<br/>FAMILY CHARACTERISTICS</b> |           |        |                  |       |
| Total or White  | -0.000024 | 5,211  | -0.000010        | 2,068 |
| Black   | -0.000290 | 7,486  | -0.000072        | 1,871 |
| Hispanic Origin   | -0.000551 | 12,616 | -0.000138        | 3,153 |
| Asian/Pacific Islander  | -0.000729 | 7,486  | -0.000169        | 1,730 |
| <b>INCOME</b>   |           |        |                  |       |
| Total or White  | -0.000011 | 2,454  | -0.000010        | 2,241 |
| Black   | -0.000109 | 2,810  | -0.000095        | 2,447 |
| Hispanic Origin   | -0.000207 | 4,736  | -0.000180        | 4,124 |
| Asian/Pacific Islander  | -0.000274 | 2,810  | -0.000238        | 2,447 |
| <b>EDUCATIONAL ATTAINMENT</b>                                     |           |        |                  |       |
| Total or White  | -0.000011 | 2,369  | -0.000010        | 2,068 |
| Black   | -0.000104 | 2,680  | -0.000072        | 1,871 |
| Hispanic Origin   | -0.000133 | 3,052  | -0.000138        | 3,153 |
| Asian/Pacific Islander  | -0.000211 | 2,164  | -0.000182        | 1,871 |
| <b>NATIVITY - Born in:</b>  |           |        |                  |       |
| Mexico, other North America, South America                        | -0.000052 | 11,054 | (X)              | (X)   |
| Europe  | -0.000030 | 6,351  | (X)              | (X)   |
| Asia, Africa, Oceania   | -0.000048 | 10,351 | (X)              | (X)   |
| United States   | -0.000024 | 5,211  | (X)              | (X)   |

<sup>1</sup> Fertility includes number of women by number of children ever born, percent childless and women who have had a child in the last year.

Note: For foreign-born characteristics for Total and White, multiply the parameters by 1.3. No adjustments are necessary for Nativity or for foreign born characteristics for Blacks, APIs and Hispanics.

**Table 4. Parameters for Computation of Standard Errors for June 2000 Fertility Ratios**

| a          | b   | c     |
|------------|-----|-------|
| +0.0000014 | 901 | 1,644 |

Note: Multiply the parameters by 1.3 to get foreign born parameters

**Table 5. State Factors to be Applied to 2000 Parameters**

| State                | Factor | State          | Factor |
|----------------------|--------|----------------|--------|
| Alabama              | 1.01   | Montana        | 0.20   |
| Alaska               | 0.15   | Nebraska       | 0.42   |
| Arizona              | 0.97   | Nevada         | 0.44   |
| Arkansas             | 0.59   | New Hampshire  | 0.38   |
| California           | 1.29   | New Jersey     | 0.82   |
| Colorado             | 0.93   | New Mexico     | 0.40   |
| Connecticut          | 1.00   | New York       | 0.89   |
| Delaware             | 0.22   | North Carolina | 0.94   |
| District of Columbia | 0.16   | North Dakota   | 0.16   |
| Florida              | 0.97   | Ohio           | 1.02   |
| Georgia              | 1.40   | Oklahoma       | 0.73   |
| Hawaii               | 0.35   | Oregon         | 0.86   |
| Idaho                | 0.27   | Pennsylvania   | 0.96   |
| Illinois             | 1.00   | Rhode Island   | 0.30   |
| Indiana              | 1.38   | South Carolina | 1.01   |
| Iowa                 | 0.71   | South Dakota   | 0.17   |
| Kansas               | 0.65   | Tennessee      | 1.34   |
| Kentucky             | 0.92   | Texas          | 1.21   |
| Louisiana            | 0.95   | Utah           | 0.43   |
| Maine                | 0.37   | Vermont        | 0.18   |
| Maryland             | 1.38   | Virginia       | 1.48   |
| Massachusetts        | 0.81   | Washington     | 1.47   |
| Michigan             | 0.93   | West Virginia  | 0.39   |
| Minnesota            | 1.11   | Wisconsin      | 1.23   |
| Mississippi          | 0.64   | Wyoming        | 0.12   |
| Missouri             | 1.37   |                |        |

**Table 6. Region Factors to be Applied to 2000 Parameters**

| Region                          | Factor |
|---------------------------------|--------|
| Northeast                       | 0.85   |
| Midwest                         | 1.03   |
| South                           | 1.08   |
| West                            | 1.09   |
| Nonmetropolitan characteristics | 1.50   |

## **ATTACHMENT 18**

### **USER NOTES**

This section will contain information relevant to the *Current Population Survey, June 2000: Fertility Supplement File* that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.

User notes will be sent to all users who purchased their file or technical documentation from the Census Bureau.