

**CURRENT POPULATION SURVEY, NOVEMBER 1996:  
VOTING AND REGISTRATION SURVEY**

**TECHNICAL DOCUMENTATION  
CPS-96**

This file documentation consists of the following materials:

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**NOTE**

Questions about accompanying **documentation** should be directed to Administrative and Customer Services Division, Microdata Access Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-1214.

Questions about the **tape** should be directed to Administrative and Customer Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-4100.

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

## **ATTACHMENT 1**

### **ABSTRACT**

*Current Population Survey, November 1996: Voting and Registration  
[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], 1997.*

#### **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 14 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.

The voting and registration survey was asked of all civilian household members 18 years and over. Voting and registration data are collected every 2 years to monitor trends in the voting and nonvoting behavior of U.S. citizens in terms of their different demographic and economic characteristics. The November CPS supplement is a major source of information regarding national voting and registration.

#### **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: 136,279 logical records; 832 character logical record length.

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

#### **Reference Materials:**

*Current Population Survey, November 1994: Voting and Registration Technical Documentation.*  
Documentation contains this abstract, including ordering information, overviews, definitions, questionnaire facsimiles, code lists, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Administrative and Customer Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

Bureau of the Census. The Current Population Survey Design and Methodology (Technical Paper 40) (out of print). 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 Administrative and Customer Services Division using the Customer Services order form on the following page. It is available on a single 9-track tape reel (ASCII or EBCDIC, labeled or unlabeled, 6250 bpi). The file also can be made available on IBM 3480 compatible tape cartridge or CD-R (compact disc-readable) in ASCII format.

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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/>

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

## **ATTACHMENT 3**

### **OVERVIEW**

#### **November 1996 Voting and Registration Survey**

##### **General**

Census Bureau staff conducted the November 1996 Voting and Registration Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 48,000 households across the Nation. Attachment 9 contains the November 1996 Voting and Registration supplement questions asked of all applicable persons 18 years old or older.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the November 1996 Voting and Registration Survey follows.

##### **Data Collection**

The voting and registration questions were asked of all persons who were both U.S. citizens and 18 years of age or older, as applicable. The CPS instrument determined who was eligible for the Voting and Registration supplement through use of check items that referred to basic CPS items, including age and citizenship.

Item S1 asked respondents if they voted in the November 5 election; if they responded "Yes," they were skipped to Item S4. Otherwise, they were asked if they were registered to vote in the November 5 election (Item S2).

All respondents, including those who were not U.S. citizens, were asked Item S8, "How long have you lived at this address?" The interviewer filled Item SCK4, "Who reported for this person?", depending upon whether it was a self- or proxy response.

##### **Data Processing**

The data processing involved editing the November Voting and Registration supplement data. This process is described below.

**Edits and Allocations.** The data processing involved a consistency edit of all Voting and Registration supplement items. In addition, age and citizenship were verified.

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

**Weighting.** There is no supplement weight associated with the November 1996 Voting and Registration supplement. Use the basic CPS weight, PWSSWGT (located in positions 613-622), for tallying the supplement items.

##### **November 1996 CPS/Voting and Registration Computer File**

**CPS Labor Force Data.** The November 1996 CPS file contains 136,279 records. Each record contains 832 characters. Attachment 7 contains the variable name, character size, location on record, universe, and the values of the variables.

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

**PRPERTYP**

- = Child household member (0-14 years old)
- = Adult civilian household member (15+ years old)
- = 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 November 1996 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:

**Unweighted Counts**

1 = (Child)	28,440
2 = (Adult Civilian, 15+)	95,227
3 = (Adult, Armed Forces)	445

The values of HRINTSTA are:

2 = Type A Noninterview	2,983
3 = Type B Noninterview	8,824
4 = Type C Noninterview	360

**November 1996 Voting and Registration Supplement Data**

The November 1996 Voting and Registration supplement data are located in positions 815 - 832. (See Attachment 8.)

**Tallying the November 1996 Voting and Registration Supplement File**

The November 1996 Voting and Registration supplement universe represented the full CPS sample comprised of all persons 18 years of age or older.

**Unweighted Counts**

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

**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**

- ◆ 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.
- ◆ The second character of each variable name is one of the following:
  - E - Edited item
  - U - Unedited item
  - X - Allocation flag (see Attachment 17 for more information)
  - W - Weight
  - R - Recode
- ◆ The remaining characters describe the variable.
- ◆ 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	Location	
	Old	New
HUINTTYP	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
MSA/PMSA FIPS CODE	96-99	97-100	44-47	44-47
CMSA FIPS CODE	94-95	95-96	53-54*	53-54
METROPOLITAN/NON-METROPOLITAN STATUS	107-108	105	57	57
CENTRAL CITY/BALANCE STATUS	111-112	104	58	58
MSA/PMSA SIZE	N/A	107	56*	56
CMSA/MSA SIZE	103-104	108	55*	55
INDIVIDUAL CENTRAL CITY CODE	109-110	106	285	285
FIPS COUNTY CODE	N/A	101-103	N/A	50-52

\*NOT ON THE MARCH 1995 FILE

## ATTACHMENT 7

### Basic Current Population Survey Record Layout

STARTING SEPTEMBER 1995

NAME	SIZE	DESCRIPTION	LOCATION
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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.

#### A1. HOUSEHOLD INFORMATION

HRHHID	15	HOUSEHOLD IDENTIFIER	1 - 15
EDITED UNIVERSE: ALL HHLD's IN SAMPLE			
HUINTTYP	2	TYPE OF INTERVIEW	16 - 17
VALID ENTRIES			
00 = Noninterview or indeterminate			
01 = Personal			
02 = Telephone			
FILLER	2		18 - 19
HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS	20 - 21
VALID ENTRIES			
01 = Min Value			
09 = Max Value			
HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT	22 - 23
VALID ENTRIES			
00 = Min Value			
99 = Max Value			

NAME	SIZE	DESCRIPTION	LOCATION
HUFINAL	3	FINAL OUTCOME CODE	24 - 26
Outcome Codes Between 001 And 200 Are For CATI. All Other Outcome Codes Are For CAPI.			
<b>VALID ENTRIES</b>			
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 205 = Labor Force Complete, - Suppl. 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 Age 14 225 = Temp. Occupied W/persons With Ure 226 = Vacant Regular 227 = Vacant - Storage Of Hhld Furniture 220 = Unfit, To Be Demolished 229 = Under Construction, Not Ready 230 = Converted To Temp Business Or Storage 231 = Unoccupied Tent Or Trailer Site 232 = Permit Granted - Construction Not Started 233 = Other - Specify 240 = Demolished 241 = House Or Trailer Moved 242 = Outside Segment 243 = Converted To Perm. Business Or Storage 244 = Merged 245 = Condemned 246 = Built After April 1, 1980 247 = Unused Serial No./listing Sheet Line 248 = Other - Specify			
HUSPNISH	2	IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER?	27 - 28
<b>VALID ENTRIES</b>			
01 = Spanish Only Language Spoken			

NAME	SIZE	DESCRIPTION	LOCATION
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES)	29 - 30
		EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3	
		VALID ENTRIES	
		01 = Owned Or Being Bought By A HH Member 02 = Rented For Cash 03 = Occupied Without Payment Of Cash Rent	
HEHOUSUT	2	TYPE OF HOUSING UNIT	31 - 32
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		VALID ENTRIES	
		00 = Other Unit 01 = House, Apartment, Flat 02 = Hu In Nontransient Hotel, Motel, Etc. 03 = Hu Permanent In Transient Hotel, Motel 04 = Hu In Rooming House 05 = Mobile Home Or Trailer W/no Perm. Room Added 06 = Mobile Home Or Trailer W/1 Or More Perm. Rooms Added 07 = Hu Not Specified Above 08 = Quarters Not Hu In Rooming Or Brding Hs 09 = 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: HRINTSTA = 1	
		VALID ENTRIES	
		01 = Yes 02 = No	
HETELAVL	2	IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED?	35 - 36
		EDITED UNIVERSE: HETELHHD = 2	
		VALID ENTRIES	
		01 = Yes 02 = No	

NAME	SIZE	DESCRIPTION	LOCATION
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE?	37 - 38
		EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1	
		VALID ENTRIES	
		01 = Yes 02 = No	
HUFAMINC	2	FAMILY INCOME (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.)	39 - 40
		VALID ENTRIES1	
		01 = Less Than \$5,000 02 = 5,000 to 7,499 03 = 7,500 to 9,999 04 = 10,000 to 12,499 05 = 12,500 to 14,999 06 = 15,000 to 19,999 07 = 20,000 to 24,999 08 = 25,000 to 29,999 09 = 30,000 to 34,999 10 = 35,000 to 39,999 11 = 40,000 to 49,999 12 = 50,000 to 59,999 13 = 60,000 to 74,999 14 = 75,000 or More	
HUTYPEA	2	TYPE A NONINTERVIEW REASON	41 - 42
		VALID ENTRIES	
		01 = No One Home (NoH) 02 = Temporarily Absent (Ta) 03 = Refused (Ref) 04 = Other Occupied - Specify	
HUTYPB	2	TYPE B NON-INTERVIEW REASON	43 - 44
		VALID ENTRIES	
		01 = Vacant Regular 02 = Temporarily Occupied By Persons W/ Ure 03 = Vacant-storage Of Hhld Furniture 04 = Unfit Or To Be Demolished 05 = Under Construction, Not Ready 06 = Converted To Temp Business Or Storage 07 = Unoccupied Tent Site Or Trailer Site 08 = Permit Granted Construction Not Started 09 = Other Type B - Specify	

NAME	SIZE	DESCRIPTION	LOCATION
HUTYPC	2	TYPE C NON-INTERVIEW REASON	45 - 46
<b>VALID ENTRIES</b>			
01 = Demolished 02 = House Or Trailer Moved 03 = Outside Segment 04 = Converted To Perm. Business Or Storage 05 = Merged 06 = Condemned 08 = Unused Line Of Listing Sheet 09 = Other - Specify			
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS	47 - 56
EDITED UNIVERSE: HRINTSTA = 1			
HRINTSTA	2	INTERVIEW STATUS	57 - 58
EDITED UNIVERSE: ALL HHLDs IN SAMPLE			
<b>VALID ENTRIES</b>			
01 = Interview 02 = Type A Non-Interview 03 = Type B Non-Interview 04 = Type C Non-Interview			
RNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS)	59 - 60
EDITED UNIVERSE: ALL HHLDs IN SAMPLE			
<b>VALID ENTRIES</b>			
00 = Min Value 16 = Max Value			
HRHTYPE	2	HOUSEHOLD TYPE	61 - 62
EDITED UNIVERSE: ALL HHLDs IN SAMPLE			
<b>VALID ENTRIES</b>			
00 = Non-Interview Household 01 = Husband/Wife Primary Family (Neither AF) 02 = Husb/Wife Prim. Family (Either/Both AF) 03 = Unmarried Civilian Male-Prim. Fam Hhlder 04 = Unmarried Civ. Female-Prim Fam Hhlder 05 = Primary Family Hhlder-Rp In AF, Unmar. 06 = Civilian Male Primary Individual 07 = Civilian Female Primary Individual 08 = Primary Individual Hhld-Rp In AF 09 = Group Quarters With Family 10 = Group Quarters Without Family			

NAME	SIZE	DESCRIPTION	LOCATION
HRMIS	2	MONTH-IN-SAMPLE  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  VALID ENTRIES  01 = Min Value 08 = Max Value	63 - 64
HRMONTH	2	MONTH OF INTERVIEW  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  VALID ENTRIES  01 = Min Value 12 = Max Value	65 - 66
HYEAR	2	YEAR OF INTERVIEW  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  VALID ENTRIES  00 = Min Value 99 = Max Value	67 - 68
HRLONGLK	2	LONGITUDINAL LINK INDICATOR  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  VALID ENTRIES  00 = Mis 1 or Replacement HH (No Link) 02 = Mis 2-4 or Mis 6-8 03 = Mis 5	69 - 70
HRSAMPLE	4	SAMPLE IDENTIFIER  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  VALID ENTRIES  1st Digit - A-Z Digits 2-4 - 000-999	71 - 74
HRSERSUF	2	SERIAL SUFFIX IDENTIFIES EXTRA UNITS  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  VALID ENTRIES  A-Z	75 - 76

NAME	SIZE	DESCRIPTION	LOCATION
HUHHNUM	2	Household Number  The Initial Household Receives A Value Of 1, And Subsequent Replacement Households Increase The Value By 1.	77 - 78
		VALID ENTRIES	
		01 = Min Value 08 = Max Value	
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?	79 - 80
		VALID ENTRIES	
		01 = Yes 02 = No	
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1	81 - 82
		VALID ENTRIES	
		01 = Min Value 99 = Max Value	
HUBUSL2	2	See BUSL1	83 - 84
		VALID ENTRIES	
		01 = Min Value 99 = Max Value	
HUBUSL3	2	See BUSL1	85 - 86
		VALID ENTRIES	
		01 = Min Value 99 = Max Value	
HUBUSL4	2	See BUSL1	87 - 88
		VALID ENTRIES	
		01 = Min Value 99 = Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
A2. GEOGRAPHIC INFORMATION			
GEREG	2	REGION	89 - 90
EDITED UNIVERSE: ALL HHLD's IN SAMPLE			
VALID ENTRIES			
01 = Northeast 02 = Midwest (Formerly North Central) 03 = South 04 = West			
GESTCEN	2	CENSUS STATE CODE	91 - 92
EDITED UNIVERSE: ALL HHLD's IN SAMPLE			
VALID ENTRIES			
11 = ME    51 = DE    85 = NM 12 = NH    52 = MD    86 = AZ 13 = VT    53 = DC    87 = UT 14 = MA    54 = VA    88 = NV 15 = RI    55 = WV    91 = WA 16 = CT    56 = NC    92 = OR 21 = NY    57 = SC    93 = CA 22 = NJ    58 = GA    94 = AK 23 = PA    59 = FL    95 = HI 31 = OH    61 = KY 32 = IN    62 = TN 33 = IL    63 = AL 34 = MI    64 = MS 35 = WI    71 = AR 41 = MN    72 = LA 42 = IA    73 = OK 43 = MO    74 = TX 44 = ND    81 = MT 45 = SD    82 = ID 46 = NE    83 = WY 47 = KS    84 = CO			
GESTFIPS	2	FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE	93 - 94
EDITED UNIVERSE: ALL HHLD's IN SAMPLE			
VALID ENTRIES			
01 = AL    12 = FL 02 = AK    13 = GA 04 = AZ    15 = HI 05 = AR    16 = ID 06 = CA    17 = IL 08 = CO    18 = IN 09 = CT    19 = IA 10 = DE    20 = KS 11 = DC    21 = KY			

NAME	SIZE	DESCRIPTION	LOCATION
		22 = LA    39 = OH 23 = ME    40 = OK 24 = MD    41 = OR 25 = MA    42 = PA 26 = MI    44 = RI 27 = MN    45 = SC 28 = MS    46 = SD 29 = MO    47 = TN 30 = MT    48 = TX 31 = NE    49 = UT 32 = NV    50 = VT 33 = NH    51 = VA 34 = NJ    53 = WA 35 = NM    54 = WV 36 = NY    55 = WI 37 = NC    56 = WY 38 = ND	
GECMSA	2	CMSA FIPS CODE	95 - 96
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		VALID ENTRIES	
		00 = Not Identified Or Nonmetropolitan 07 = Min Value 97 = Max Value	
		SPECIFIC CMSA CODE (SEE ATTACHMENT 13)	
GEMSA	4	MSA/PMSA FIPS CODE	97 - 100
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		VALID ENTRIES	
		0000 Identified Or Nonmetropolitan 0080 Min Value 9360 Max Value	
		SPECIFIC MSA/PMSA CODE (SEE ATTACHMENT 13)	
GECO	3	FIPS COUNTY CODE	101 - 103
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		VALID ENTRIES	
		000 = Not Identified 001-810 = Specific County Code (See Attachment 13) Note: This Code Must Be Used In Combination With A State Code (Gestfips or Gestcen) In Order To Uniquely Identify A County.	

NAME	SIZE	DESCRIPTION	LOCATION
GEMSAST	1	CENTRAL CITY/BALANCE STATUS  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  VALID ENTRIES  01 = Central City 02 = Balance 03 = Nonmetropolitan 04 = Not Identified	104 - 104
GEMETSTA	1	METROPOLITAN STATUS  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  VALID ENTRIES  01 = Metropolitan 02 = Nonmetropolitan 03 = Not Identified	105 - 105
GEINDVCC	1	INDIVIDUAL CENTRAL CITY  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  VALID ENTRIES  00 = Not Identified, Nonmetropolitan, or Not A Central City 1-4 = Specific Central City Code (See Attachment 13) Note: Whenever Possible This Code Identifies Specific Central Cities In An MSA/PMSA That Have Multiple Central Cities. This Code Must Be Used In Combination With The MSA/PMSA Fips Code (Gems) In Order To Uniquely Identify A Specific City.	106 - 106
GEMSASZ	1	CMSA/PMSA SIZE  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  VALID ENTRIES  00 = Not Identified Or Nonmetropolitan 02 = 100,000 - 249,999 03 = 250,000 - 499,999 04 = 500,000 - 999,999 05 = 1,000,000 - 2,499,999 06 = 2,500,000 - 4,999,999 07 = 5,000,000 +	107 - 107

NAME	SIZE	DESCRIPTION	LOCATION
GECMSASZ	1	CMSA/MSA SIZE	108 - 108
EDITED UNIVERSE: ALL HHLD's IN SAMPLE			
VALID ENTRIES			
		00 = Not Identified Or Nonmetropolitan 02 = 100,000 - 249,999 03 = 250,000 - 499,999 04 = 500,000 - 999,999 05 = 1,000,000 - 2,499,999 06 = 2,500,000 - 4,999,999 07 = 5,000,000 +	
HULENSEC	5	CUMULATIVE INTERVIEW TIME IN SECONDS	109 - 113
EDITED UNIVERSE: ALL HHLD's IN SAMPLE			
VALID ENTRIES			
		00000 Min Value 99999 Max Value	
A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS			
PROLDRRP	2	RELATIONSHIP TO REFERENCE PERSON (RECODE)	114 - 115
EDITED UNIVERSE: 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			
		01 = Eligible For Interview 02 = Labor Force Fully Complete 03 = Missing Labor Force Data For Person 04 = (Not Used)	

NAME	SIZE	DESCRIPTION	LOCATION
		05 = Assigned If Age Is Blank 06 = Armed Forces Member 07 = Under 15 Years Old 08 = Not a HH Member 09 = Deleted 10 = Deceased 11 = End Of List 12 = After End Of List	
PERRP	2	RELATIONSHIP TO REFERENCE PERSON	118 - 119
EDITED UNIVERSE: 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: EVERY PERSON			
VALID ENTRIES			
		-1 = No Parent 01 = Min Value 99 = Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
PEAGE	2	PERSONS AGE AS OF THE END OF SURVEY WEEK	122 - 123
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		VALID ENTRIES	
		00 = Min Value 90 = Max Value	
PTAGE	1	TOP CODE FOR AGE	124 - 124
		VALID ENTRIES	
		00 = No Top Code 01 = Top Coded Value For Age	
BEGINS IN APRIL 1996			
PEMARITL	2	MARITAL STATUS	125 - 126
		EDITED UNIVERSE: PEAGE >= 15	
		VALID ENTRIES	
		01 = Married - Spouse Present 02 = Married - Spouse Absent 03 = Widowed 04 = Divorced 05 = Separated 06 = 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	
PESEX	2	SEX	129 - 130
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		VALID ENTRIES	
		01 = Male 02 = Female	

NAME	SIZE	DESCRIPTION	LOCATION
PUAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?	131 - 132
		VALID ENTRIES	
		01 = Yes	
		02 = No	
PEAFWHEN	2	WHEN DID YOU SERVE?	133 - 134
		EDITED UNIVERSE: PRPERTYP = 2	
		VALID ENTRIES	
		01 = Vietnam Era (8/64-4/75)	
		02 = Korean War (6/50-1/55)	
		03 = World War II (9/40-7/47)	
		04 = World War I (4/17-11/18)	
		05 = Other Service (All Other Periods)	
		06 = Nonveteran	
PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES	135 - 136
		EDITED UNIVERSE: PRPERTYP = 2 OR 3	
		VALID ENTRIES	
		01 = Yes	
		02 = No	
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)	

NAME	SIZE	DESCRIPTION	LOCATION
PERACE	2	RACE	139 - 140
EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3			
VALID ENTRIES			
		01 = White 02 = Black 03 = American Indian, Aleut, Eskimo 04 = Asian Or Pacific Islander 05 = Other - Specify (Deleted January 1996)	
PRORIGIN	2	ORIGIN OR DESCENT	141 - 142
EDITED UNIVERSE: PRPERTYP = 1, 2, OR 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			
		01 = Person Added 02 = Person Added - Ure 03 = Person Undeleted 04 = Person Died 05 = Deleted For Reason Other Than Death 06 = Person Joined Armed Forces 07 = Person No Longer In AF 09 = Change In Demographic Information	
PUREFLG	2	FLAG FOR RELATIONSHIP TO THE OWNER OF A BUSINESS.	145 - 146
VALID ENTRIES			
		00 = Not Owner Or Related To Owner 01 = Owner Of Bus Or Related To Owner Of Bus	
PULINENO	2	PERSON'S LINE NUMBER	147 - 148
VALID ENTRIES			
		01 = Min Value 99 = Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2		149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152
EDITED UNIVERSE: 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			
PRFAMREL	2	FAMILY RELATIONSHIP RECODE	153 - 154
EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3			
VALID ENTRIES			
00 = Not A Family Member 01 = Reference Person 02 = Spouse 03 = Child 04 = Other Relative (Primary Family & Unrel)			
PRFAMTYP	2	FAMILY TYPE RECODE	155 - 156
EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3			
VALID ENTRIES			
01 = Primary Family 02 = Primary Individual 03 = Related Subfamily 04 = Unrelated Subfamily 05 = Secondary Individual			

NAME	SIZE	DESCRIPTION	LOCATION
PRHSPNON	2	HISPANIC OR NON-HISPANIC  EDITED UNIVERSE: PRPRTYP = 1, 2, OR 3  VALID ENTRIES  01 = Hispanic 02 = Non-Hispanic	157 - 158
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION  EDITED UNIVERSE: PRPRTYP = 2 OR 3  VALID ENTRIES  01 = Married, Civilian Spouse Present 02 = Married, Armed Forces Spouse Present 03 = Married, Spouse Absent (Exc. Separated) 04 = Widowed 05 = Divorced 06 = Separated 07 = Never Married	159 - 160
PRPRTYP	2	TYPE OF PERSON RECORD RECODE  EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS  VALID ENTRIES  01 = Child Household Member 02 = Adult Civilian Household Member 03 = Adult Armed Forces Household Member	161 - 162
PENATVTY	3	COUNTRY OF BIRTH  EDITED UNIVERSE: PRPRTYP = 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	163 - 165
PEMNTVTY	3	MOTHER'S COUNTRY OF BIRTH  EDITED UNIVERSE: PRPRTYP = 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	166 - 168

NAME	SIZE	DESCRIPTION	LOCATION
PEFNTVTY	3	FATHER'S COUNTRY OF BIRTH  EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	169 - 171
		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  EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	172 - 173
		VALID ENTRIES	
		01 = Native, Born In The United States 02 = Native, Born In Puerto Rico or U.S. Outlying Area 03 = Native, Born Abroad Of American Parent Or Parents 04 = Foreign Born, U.S. Citizen By Naturalization 05 = Foreign Born, Not A Citizen Of The United States	
PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG  EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	174 - 175
		(See Allocation Flags attachment For Values Of Allocation Flags) Placed in this position because naming convention is different from all other allocation flags.	
PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY  EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5	176 - 177
		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 = 1992-1995	

NAME	SIZE	DESCRIPTION	LOCATION
<b>STARTING JANUARY 1996</b>			
13 = 1992-1993 14 = 1994-1996			
<b>STARTING JANUARY 1997</b>			
14 = 1994-1997			
<b>STARTING JANUARY 1998</b>			
14 = 1994-1995 15 = 1996-1998			
<b>A4. PERSONS INFORMATION LABOR FORCE ITEMS</b>			
PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE	178 - 179
<b>VALID ENTRIES</b>			
01 = Self 02 = Proxy 03 = Both Self And Proxy			
PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2	180 - 181
<b>VALID ENTRIES</b>			
01 = Employed-At Work 02 = Employed-Absent 03 = Unemployed-On Layoff 04 = Unemployed-Looking 05 = Not In Labor Force-Retired 06 = Not In Labor Force-Disabled 07 = Not In Labor Force-Other			
PUWK	2	LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)?	182 - 183
<b>VALID ENTRIES</b>			
01 = Yes 02 = No 03 = Retired 04 = Disabled 05 = Unable To Work			
PUBUS1	2	LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM?	184 - 185
<b>VALID ENTRIES</b>			
01 = Yes 02 = No			

NAME	SIZE	DESCRIPTION	LOCATION
PUBUS2OT	2	DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS?	186 - 187
		VALID ENTRIES	
		01 = Yes 02 = No	
PUBUSCK1	2	CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK	188 - 189
		VALID ENTRIES	
		01 = Goto PUBUS1 02 = Goto PURETCK1	
PUBUSCK2	2	CHECK ITEM 2 Skips owners of family business who did not work last week	190 - 191
		VALID ENTRIES	
		01 = Goto PUHRUSL1 02 = Goto PUBUS2	
PUBUSCK3	2	CHECK ITEM 3	192 - 193
		VALID ENTRIES	
		01 = Goto PUABSRSN 02 = Goto PULAY	
PUBUSCK4	2	CHECK ITEM 4	194 - 195
		VALID ENTRIES	
		01 = Goto PUHURSL1 02 = Goto PUABSPD	
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?)	196 - 197
		VALID ENTRIES	
		01 = Yes 02 = No 03 = Was Not Retired Last Month	

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS	2	DISABILITY STATUS (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?	198 - 199
VALID ENTRIES			
01 = Yes 02 = No 03 = Did Not Have Disability Last Month			
PERET1      2      DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME?			
200 - 201			
EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR (PUWK = 3 AND PEAGE >= 50) OR (PUABS = 3 AND PEAGE >= 50) OR (PULAY = 3 AND PEAGE >= 50))			
VALID ENTRIES			
01 = Yes 02 = No 03 = Has A Job			
PUDIS1      2      DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?			
202 - 203			
VALID ENTRIES			
01 = Yes 02 = No			
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			
01 = Yes 02 = No			
PUABSTOT      2      LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?			
206 - 207			
VALID ENTRIES			
01 = Yes 02 = No 03 = Retired 04 = Disabled 05 = Unable To Work			

NAME	SIZE	DESCRIPTION	LOCATION
PULAY	2	LAST WEEK, WERE YOU ON LAYOFF FROM A JOB?	208 - 209
		VALID ENTRIES	
		01 = Yes 02 = No 03 = Retired 04 = Disabled 05 = Unable To Work	
PEABSRSM	2	WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK?	210 - 211
		EDITED UNIVERSE: PEMLR = 2	
		VALID ENTRIES	
		01 = On Layoff 02 = Slack Work/Business Conditions 03 = Waiting For A New Job To Begin 04 = Vacation/Personal Days 05 = Own Illness/Injury/Medical Problems 06 = Child Care Problems 07 = Other Family/Personal Obligation 08 = Maternity/Paternity Leave 09 = 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: PEABSRSN = 4-12, 14	
		VALID ENTRIES	
		01 = Yes 02 = No	
PEMJOT	2	DO YOU HAVE MORE THAN ONE JOB?	214 - 215
		EDITED UNIVERSE: PEMLR = 1, 2	
		VALID ENTRIES	
		01 = Yes 02 = No	

NAME	SIZE	DESCRIPTION	LOCATION
PEMJNUM	2	ALTOGETHER, HOW MANY JOBS DID YOU HAVE?  EDITED UNIVERSE: PEMJOT = 1	216 - 217
		VALID ENTRIES	
		02 = 2 Jobs 03 = 3 Jobs 04 = 4 Or More Jobs	
PEHRUSL1	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB?  EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2	218 - 219
		VALID ENTRIES	
		-4 = Hours Vary 00 = Min Value 99 = Max Value	
PEHRUSL2	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOB\$)?  EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2	220 - 221
		VALID ENTRIES	
		-4 = Hours Vary 00 = Min Value 99 = Max Value	
PEHRFTPT	2	DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?  EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4	222 - 223
		VALID ENTRIES	
		01 = Yes 02 = No 03 = Hours Vary	
PEHRUSLT	3	SUM OF HRUSL1 AND HRUSL2.  EDITED UNIVERSE: PEMLR = 1 OR 2	224 - 226
		VALID ENTRIES	
		-4 = Varies 00 = Min Value 198 = Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME WORKWEEK OF 35 HOURS OR MORE PER WEEK?	227 - 228
		EDITED UNIVERSE: PEHRUSLT = 0-34	
		VALID ENTRIES	
		01 = Yes 02 = No 03 = Regular Hours Are Full-time	
PEHRRSN1	2	WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?	229 - 230
		EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35)	
		VALID ENTRIES	
		01 = Slack Work/Business Conditions 02 = Could Only Find Part-Time Work 03 = Seasonal Work 04 = Child Care Problems 05 = Other Family/Personal Obligations 06 = Health/Medical Limitations 07 = School/Training 08 = Retired/Social Security Limit On Earnings 09 = Full-Time Workweek Is Less Than 35 Hrs 10 = Other - Specify	
PEHRRSN2	2	WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?	231 - 232
		EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35)	
		VALID ENTRIES	
		01 = Child Care Problems 02 = Other Family/Personal Obligations 03 = Health/Medical Limitations 04 = School/Training 05 = Retired/Social Security Limit On Earnings 06 = Full-Time Workweek Less Than 35 Hours 07 = Other - Specify	
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK?	233 - 234
		EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+)	
		VALID ENTRIES	
		01 = Slack Work/Business Conditions 02 = Seasonal Work 03 = Job Started Or Ended During Week	

NAME	SIZE	DESCRIPTION	LOCATION
		04 = Vacation/Personal Day 05 = Own Illness/Injury/Medical Appointment 06 = Holiday (Legal Or Religious) 07 = Child Care Problems 08 = Other Family/Personal Obligations 09 = Labor Dispute 10 = Weather Affected Job 11 = School/Training 12 = Civic/Military Duty 13 = Other Reason	
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	
		01 = Yes 02 = No	
PUHROFF2	2	HOW MANY HOURS DID YOU TAKE OFF?	237 - 238
		VALID ENTRIES	
		00 = 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	
		01 = Yes 02 = No	
PUHROT2	2	HOW MANY ADDITIONAL HOURS DID YOU WORK?	241 - 242
		VALID ENTRIES	
		00 = Min Value 99 = Max Value	
PEHRACT1	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB?	243 - 244
		EDITED UNIVERSE: PEMLR = 1	
		VALID ENTRIES	
		00 = Min Value 99 = Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
PEHRACT2	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS)  EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1	245 - 246
		VALID ENTRIES	
		00 = Min Value 99 = Max Value	
PEHRACTT	3	SUM OF PEHRACT1 AND PEHRACT2.	247 - 249
		EDITED UNIVERSE: PEMLR = 1	
		VALID ENTRIES	
		00 = Min Value 198 = Max Value	
PEHRAVL	2	LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?	250 - 251
		EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND PEHRUSLT < 35 AND PEHRSN1 = 1, 2, 3)	
		VALID ENTRIES	
		01 = Yes 02 = No	
PULBHSEC	5	TOTAL SECONDS TO COMPLETE LABOR FORCE ITEMS.	252 - 256
		VALID ENTRIES	
		00000 Min Value 99999 Max Value	
PUHRCK1	2	CHECK ITEM 1	257 - 258
		VALID ENTRIES	
		01 = Goto PUHRUSL2 02 = Goto PUHRUSLT	
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES	259 - 260
		VALID ENTRIES	
		01 = If entry of 1 in MJ and entry of D, R OR V in HRUSL1 and entry of D, R, V or 0-34 in HRUSL2 goto HRFTPT	

NAME	SIZE	DESCRIPTION	LOCATION
		02 = If entry of 1 in MJ and entry of D, R or V in HRUSL2 and entry of D, R V or 0-34 in HRUSL1 goto HRFTPT 03 = If entry of 2, D or R in MJ and entry of D, R or V in HRUSL1 goto HRFTPT 04 = If entry of 1 in BUS1 and entry of D, R or V in HRUSL1 then goto HRFTPT 05 = All others goto HRCK3-C	
PUHRCK3	2	CHECK ITEM 3	261 - 262
		<b>VALID ENTRIES</b>	
		01 = If entry of 1 in Absot or (entry or 2 in ABSOT and entry of 1 in BUS and CURRENT R_P EQUALS BUSLST) then goto HRCK8 02 = If entry of 3 in RET1 Goto HRCK8 03 = If entry in HRUSLT is 0-34 hours goto HRCK4-C 04 = If entry in HRUSLT is 35+ goto HROFF1 05 = All others goto HRCK4-C 06 = Goto PUHRCK4	
PUHRCK4	2	CHECK ITEM 4	263 - 264
		<b>VALID ENTRIES</b>	
		01 = If entry of 1, D, R or V in HRFTPT then goto HRACT1 02 = If entry of 2, D or R in BUS2 then goto HROFF1 03 = If HRUSLT is 0-34 then goto HRWANT 04 = If entry of 2 in HRFTPT then goto HRWANT 05 = All others goto HRACT1	
PUHRCK5	2	CHECK ITEM 5	265 - 266
		<b>VALID ENTRIES</b>	
		01 = If entry of 1 in MJOT goto HRACT2 02 = All others goto HRCK6-C	
PUHRCK6	2	CHECK ITEM 6	267 - 268
		<b>VALID ENTRIES</b>	
		01 = If HRACT1 and HRACT2 EQ 0 and entry of 2, D, R in BUS2 then goto LK 02 = If HRACT1 and HRACT2 EQ 0 then store 1 in ABSOT and goto ABSRSN 03 = All others goto HRACTT-C	

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK7	2	CHECK ITEM 7	269 - 270
VALID ENTRIES			
01 = (If entry of 2, D or R in BUS2) and (HRACT1 less than 15 or D) goto HRCK8 02 = (If entry of 2, D or R in BUS2) and (HRACT1 is 15+) goto HRCK8 03 = (If HRUSLT is 35+ or if entry of 1 in HRFTPT) and (HRACTT < 35) and entry in HRACT1 or HRACT2 isn't D or R then goto HRRSN3 04 = If entry of 1 in HRWANT and HRACTT < 35 and (entry of 1, 2, 3 in HRRSN1) goto HRAVL 05 = All others goto HRCK8			
PUHRCK12	2	CHECK ITEM 12	271 - 272
VALID ENTRIES			
01 = If entry of 2, D or R in BUS2 and HRACTT is less than 15 or D goto LK 02 = All others goto IOCK1			
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK?	273 - 274
VALID ENTRIES			
01 = Yes 02 = No			
PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS?	275 - 276
VALID ENTRIES			
01 = Yes 02 = No			
PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED?	277 - 278
EDITED UNIVERSE: PEMLR = 3			
VALID ENTRIES			
01 = Yes 02 = No			
PULAYAVR	2	WHY IS THAT?	279 - 280
VALID ENTRIES			
01 = Own Temporary Illness 02 = Going To School 03 = Other			

NAME	SIZE	DESCRIPTION	LOCATION
PELAYLK	2	EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS.	281 - 282
		EDITED UNIVERSE: PELAYAVL = 1, 2	
		VALID ENTRIES	
		01 = Yes 02 = No	
PELAYDUR	3	DURATION OF LAYOFF	283 - 285
		EDITED UNIVERSE: PELAYLK = 1, 2	
		VALID ENTRIES	
		01 = Min Value 260 = Max Value	
PELAYFTO	2	FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM	286 - 287
		EDITED UNIVERSE: PELAYDUR = 0-120	
		VALID ENTRIES	
		01 = Yes 02 = No	
PULAYCK1	2	CHECK ITEM 1	288 - 289
		VALID ENTRIES	
		01 = Goto PULAYCK3 02 = Goto PULAYFT 03 = Goto PULAYDR	
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF	290 - 291
		VALID ENTRIES	
		01 = Goto PULAYDR3 02 = Goto PULAYFT	
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O	292 - 293
		VALID ENTRIES	
		01 = MISCK = 5 goto IO1INT 02 = I-ICR = 1 or I-OCR = 1, goto IO1INT 03 = All others goto SCHCK	

NAME	SIZE	DESCRIPTION	LOCATION
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS?	294 - 295
VALID ENTRIES			
01 = Yes 02 = No 03 = Retired 04 = Disabled 05 = Unable To Work			
PELKM1			
2     WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST ANSWER)			296 - 297
EDITED UNIVERSE: PEMLR = 4			
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 12 = Nothing 13 = Other Passive			
PULKM2			
2     ANYTHING ELSE? (SECOND ANSWER)			298 - 299
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive			

NAME	SIZE	DESCRIPTION	LOCATION
PULKM3	2	SAME AS PULKM2 (THIRD ANSWER)	300 - 301
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive			
PULKM4	2	SAME AS PULKM2 (FOURTH ANSWER)	302 - 303
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive			
PULKM5	2	SAME AS PULKM2 (FIFTH ANSWER)	304 - 305
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/university Empl Center 06 = Sent Out Resumes/filled Out Application 07 = Checked Union/professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/courses 13 = Other Passive			

NAME	SIZE	DESCRIPTION	LOCATION
PULKM6	2	SAME AS PULKM2 (SIXTH ANSWER)	306 - 307
<b>VALID ENTRIES</b>			
		01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive	
<b>VALID ENTRIES</b>			
PULKDK1	2	YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST ANSWER)	308 - 309
<b>VALID ENTRIES</b>			
		01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 12 = Nothing 13 = Other Passive	
PULKDK2	2	ANYTHING ELSE? (SECOND ANSWER)	310 - 311
<b>VALID ENTRIES</b>			
		01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive	

NAME	SIZE	DESCRIPTION	LOCATION
PULKDK3	2	SAME AS PULKDK2 (THIRD ANSWER)	312 - 313
<b>VALID ENTRIES</b>			
		01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive	
<b>VALID ENTRIES</b>			
PULKDK4	02	=SAME AS PULKDK2 (FOURTH ANSWER)	314 - 315
<b>VALID ENTRIES</b>			
		01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive	
PULKDK5	2	SAME AS PULKDK2 (FIFTH ANSWER)	316 - 317
<b>VALID ENTRIES</b>			
		01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive	

NAME	SIZE	DESCRIPTION	LOCATION
PULKDK6	2	SAME AS PULKDK2 (SIXTH ANSWER)	318 - 319
<b>VALID ENTRIES</b>			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 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 ANSWER)	320 - 321
<b>VALID ENTRIES</b>			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 12 = Nothing 13 = Other Passive			
PULKPS2	2	ANYTHING ELSE? (SECOND ANSWER)	322 - 323
<b>VALID ENTRIES</b>			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive			

NAME	SIZE	DESCRIPTION	LOCATION
PULKPS3	2	SAME AS PULKPS2 (THIRD ANSWER)	324 - 325
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive			
PULKPS4	2	SAME AS PULKPS2 (FOURTH ANSWER)	326 - 327
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = Other Active 10 = Looked At Ads 11 = Attended Job Training Programs/Courses 13 = Other Passive			
PULKPS5	2	SAME AS PULKPS2 (FIFTH ANSWER)	328 - 329
VALID ENTRIES			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = 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 ANSWER)	330 - 331
<b>VALID ENTRIES</b>			
01 = Contacted Employer Directly/Interview 02 = Contacted Public Employment Agency 03 = Contacted Private Employment Agency 04 = Contacted Friends Or Relatives 05 = Contacted School/University Empl Center 06 = Sent Out Resumes/Filled Out Application 07 = Checked Union/Professional Registers 08 = Placed Or Answered Ads 09 = 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
<b>EDITED UNIVERSE: PELKM1 = 1 - 13</b>			
<b>VALID ENTRIES</b>			
01 = Yes 02 = No			
PULKAVR	2	WHY IS THAT?	334 - 335
<b>VALID ENTRIES</b>			
01 = Waiting For New Job To Begin 02 = Own Temporary Illness 03 = Going To School 04 = Other - Specify			
PELKLL10	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE?	336 - 337
<b>EDITED UNIVERSE: PELKAVL = 1-2</b>			
<b>VALID ENTRIES</b>			
01 = Working 02 = School 03 = Left Military Service 04 = Something Else			

NAME	SIZE	DESCRIPTION	LOCATION
PELKLL2O	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED?  EDITED UNIVERSE: PELKLL1O = 1 OR 3	338 - 339
		VALID ENTRIES	
		01 = Lost Job 02 = Quit Job 03 = Temporary Job Ended	
PEKLWO	2	WHEN LAST WORKED EDITED UNIVERSE: PELKLL1O = 1 - 4	340 - 341
		VALID ENTRIES	
		01 = Within The Last 12 Months 02 = More Than 12 Months Ago 03 = Never Worked	
PELDUR	3	DURATION OF JOB SEEKING  EDITED UNIVERSE: PEKLWO = 1 - 3	342 - 344
		VALID ENTRIES	
		00 = Min Value 999 = Max Value	
PELKFTO	2	FT/PT STATUS OF JOBSEEKER  EDITED UNIVERSE: PELDUR = 0-120	345 - 346
		VALID ENTRIES	
		01 = Yes 02 = No 03 = Doesn't Matter	
PEDWWNTO	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME?  EDITED UNIVERSE: PUDWCK1 = 3, 4, -1	347 - 348
		VALID ENTRIES	
		01 = Yes, Or Maybe, It Depends 02 = No 03 = Retired 04 = Disabled 05 = Unable	

NAME	SIZE	DESCRIPTION	LOCATION
PEDWRSN	2	WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS?	349 - 350
EDITED UNIVERSE: PUDWCK4 = 4, -1			
VALID ENTRIES			
		01 = Believes No Work Available In Area Of Expertise 02 = Couldn't Find Any Work 03 = Lacks Necessary Schooling/Training 04 = Employers Think Too Young Or Too Old 05 = Other Types Of Discrimination 06 = Can't Arrange Child Care 07 = Family Responsibilities 08 = In School Or Other Training 09 = Ill-Health, Physical Disability 10 = Transportation Problems 11 = Other - Specify	
PEDWLKO	2	DID YOU LOOK FOR WORK AT ANY TIME IN THE LAST 12 MONTHS	351 - 352
EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)			
VALID ENTRIES			
		01 = Yes 02 = No	
PEDWWK	2	DID YOU ACTUALLY WORK AT A JOB OR BUSINESS DURING THE LAST 12 MONTHS?	353 - 354
EDITED UNIVERSE: PEDWLKO = 1			
VALID ENTRIES			
		01 = Yes 02 = No	
PEDW4WK	2	DID YOU DO ANY OF THIS WORK DURING THE LAST 4 WEEKS?	355 - 356
EDITED UNIVERSE: PEDWWK = 1			
VALID ENTRIES			
		01 = Yes 02 = No	

NAME	SIZE	DESCRIPTION	LOCATION
PEDWLWK	2	SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK?	357 - 358
EDITED UNIVERSE: PEDW4WK = 2			
VALID ENTRIES			
01 = Yes 02 = No			
PEDWAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?	359 - 360
EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLWK = 1)			
VALID ENTRIES			
01 = Yes 02 = No			
PEDWAVR	2	WHY IS THAT?	361 - 362
EDITED UNIVERSE: PEDWAVL = 2			
VALID ENTRIES			
01 = Own Temporary Illness 02 = Going To School 03 = Other			
PUDWCK1	2	SCREEN FOR DISCOURAGED WORKERS	363 - 364
VALID ENTRIES			
01 = If Entry Of 2 In BUS2 Goto PUSCHCK 02 = If Entry Of 3 On ABSRSN Goto PUNLFCK1 03 = If Entry Of 1 In RDT1, Store 1 In DWWNT0 And Goto PUDWCK4 04 = All Others Goto PUDWWNT			
PUDWCK2	2	SCREEN FOR DISABLED	365 - 366
VALID ENTRIES			
01 = If Entry In DIS1 Or DIS2 Goto PUJHCK1-c 02 = If Entry Of 4 In DWWNT Goto PUDIS1 03 = If Entry Of 5 In DWWNT Goto PUDIS2 04 = All Others Goto PUDWCK4			
PUDWCK3	2	FILTER FOR RETIRED	367 - 368
VALID ENTRIES			
01 = If AGERNG Equals 1-4 Or 9 Goto PUDWCK4 02 = All Others Goto PUNLFCK2			

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS	369 - 370
VALID ENTRIES			
01 = If entry of 10 and/or 11 and/or 13 only in LKM1-LKM3 goto PUDWCK5			
02 = If entry of 10 and/or 11 and/or 13 only in LKDK1-LKDK3 goto PUDWCK5			
03 = If entry of 10 and/or 11 and/or 13 only in LKPS1-LKPS3 goto PUDWCK5			
04 = All others goto PUDWRSN			
PUDWCK5	2	FILTER FOR PASSIVE JOB SEEKERS	371 - 372
VALID ENTRIES			
01 = If entry of 1 in LK then store 1 in DWLKO and goto PUDWWK			
02 = 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: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7			
VALID ENTRIES			
01 = Yes			
02 = No			
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS?	375 - 376
VALID ENTRIES			
01 = Yes			
02 = No			
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB?	377 - 378
EDITED UNIVERSE: PEJHWKO = 1			
VALID ENTRIES			
01 = Personal/Family (Including Pregnancy)			
02 = Return To School			
03 = Health			
04 = Retirement Or Old Age			
05 = Temp, Seasonal Or Intermittent Job Complete			
06 = Slack Work/Business Conditions			
07 = Unsatisfactory Work Arrangements (Hrs, Pay, Etc.)			
08 = Other - Specify			

NAME	SIZE	DESCRIPTION	LOCATION
PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS?  EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8)	379 - 380
		VALID ENTRIES	
		01 = Yes, Or It Depends 02 = No	
PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS	381 - 382
		VALID ENTRIES	
		01 = IF PURET1 = 1, -2, or -3 then goto NLFCK2 02 = IF MISCK equals 4 or 8 then goto PUJHCK2 03 = If others goto PUNLFC1	
PUJHCK2	2	FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES	383 - 384
		VALID ENTRIES	
		01 = If entry of 1 in DWWK and I-MLR = 3, 4 Then store 1 in JHWKO, store DW4WK in JHDP1O and goto PUJHRSN 02 = If entry of 2, D or R in DWWK then store DWWK in JHWKO and goto PUJHWANT 03 = All others goto PUJHWK	
PRABSREA	2	REASON NOT AT WORK AND PAY STATUS	385 - 386
		EDITED UNIVERSE: PEMLR = 2	
		VALID ENTRIES	
		01 = Ft Paid-Vacation 02 = Ft Paid-Own Illness 03 = Ft Paid-Child Care Problems 04 = Ft Paid-Other Family/Personal Oblig. 05 = Ft Paid-Maternity/Paternity Leave 06 = Ft Paid-Labor Dispute 07 = Ft Paid-Weather Affected Job 08 = Ft Paid-School/Training 09 = 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 Obligation 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	

NAME	SIZE	DESCRIPTION	LOCATION
		20 = Ft Unpaid-Other 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	
PRDISC	2	DISCOURAGED WORKER RECODE	389 - 390
		EDITED UNIVERSE: PRJOBSEA = 1-4	
		VALID ENTRIES	
		01 = Discouraged Worker 02 = Conditionally Interested 03 = Not Available	
PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK	391 - 392
		EDITED UNIVERSE: PEMLR = 1-7	
		VALID ENTRIES	
		00 = Unemployed And Nilf 01 = W/Job, Not At Work-Illnes 02 = W/Job, Not At Work-Vacation 03 = W/Job, Not At Work-Weather Affected Job 04 = W/Job, Not At Work-Labor Dispute 05 = W/Job, Not At Work-Child Care Problems 06 = W/Job, Not At Work-Fam/Pers Obligation 07 = W/Job, Not At Work-Maternity/Paternity 08 = W/Job, Not At Work-School/Training 09 = W/Job, Not At Work-Civic/Military Duty 10 = W/Job, Not At Work-Does Not Work In Bus	

NAME	SIZE	DESCRIPTION	LOCATION
		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 21 = At Work- 49-59 Hrs 22 = At Work- 60 Hrs Or More	
PREMPNOT	2	MLR - EMPLOYED, UNEMPLOYED, OR NILF	393 - 394
		EDITED UNIVERSE: PEMLR = 1-7	
		VALID ENTRIES	
		01 = Employed 02 = Unemployed 03 = Not In Labor Force (Nilf)-Discouraged 04 = Not In Labor Force (Nilf)-Other	
PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT	395 - 396
		EDITED UNIVERSE: PEMLR = 1-4 AND PELKLWO ne 3	
		VALID ENTRIES	
		01 = Employed 02 = Unemployed	
PRFTLF	2	FULL TIME LABOR FORCE	397 - 398
		EDITED UNIVERSE: PEMLR = 1-4	
		VALID ENTRIES	
		01 = Full Time Labor Force 02 = Part Time Labor Force	
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400
		EDITED UNIVERSE: PEMLR = 1-2	
		VALID ENTRIES	
		01 = 0-20 Hrs 02 = 21-34 Hrs 03 = 35-39 Hrs 04 = 40 Hrs 05 = 41-49 Hrs 06 = 50 Or More Hrs 07 = Varies-Full Time 08 = Varies-Part Time	

NAME	SIZE	DESCRIPTION	LOCATION
PRJOBSEA	2	JOB SEARCH RECODE	401 - 402
EDITED UNIVERSE: PRWNTJOB = 1			
VALID ENTRIES			
01 = Looked Last 4 Weeks - Not Worked 02 = Looked Last 4 Weeks - Worked 03 = Looked Last 4 Weeks - Layoff 04 = Unavailable Job Seekers 05 = No Recent Job Search			
PRPTHRS	2	AT WORK 1-34 BY HOURS AT WORK	403 - 404
EDITED UNIVERSE: PEMLR = 1 AND PEHRACTT = 1-34			
VALID ENTRIES			
00 = Usu.Ft, Pt For Noneconomic Reasons 01 = Usu.Ft, Pt Econ Reasons; 1-4 Hrs 02 = Usu.Ft, Pt Econ Reasons; 5-14 Hrs 03 = Usu.Ft, Pt Econ Reasons; 15-29 Hrs 04 = Usu.Ft, Pt Econ Reasons; 30-34 Hrs 05 = Usu.Pt, Econ Reasons; 1-4 Hrs 06 = Usu.Pt, Econ Reasons; 5-14 Hrs 07 = Usu.Pt, Econ Reasons; 15-29 Hrs 08 = Usu.Pt, Econ Reasons; 30-34 Hrs 09 = 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	405 - 406
EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 OR PEHRACTT = 1-34)			
VALID ENTRIES			
01 = Usu. Ft-Slack Work/Business Conditions 02 = Usu. Ft-Seasonal Work 03 = Usu. Ft-Job Started/Ended During Week 04 = Usu. Ft-Vacation/Personal Day 05 = Usu. Ft-Own Illness/Injury/Medical Appointment 06 = Usu. Ft-Holiday (Religious Or Legal) 07 = Usu. Ft-Child Care Problems 08 = Usu. Ft-Other Fam/Pers Obligations 09 = 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			

NAME	SIZE	DESCRIPTION	LOCATION
		18 = Usu. Pt-Other Fam/Pers Obligations 19 = Usu. Pt-Health/Medical Limitations 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	
		00 = Min Value 999 = Max Value	
PRUSFTPT	2	USUAL FULLTIME/PARTTIME STATUS	410 - 411
		EDITED UNIVERSE: PEMLR = 1-2	
		VALID ENTRIES	
		01 = Full Time 02 = Part Time 03 = Status Unknown	
PRUNTYPE	2	REASON FOR UNEMPLOYMENT	412 - 413
		EDITED UNIVERSE: PEMLR = 3-4	
		VALID ENTRIES	
		01 = Job Loser/On Layoff 02 = Other Job Loser 03 = Temporary Job Ended 04 = Job Leaver 05 = Re-Entrant 06 = New-Entrant	
PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST	414 - 415
		EDITED UNIVERSE: PEMLR = 1 - 7	
		VALID ENTRIES	
		00 = Not In Labor Force 01 = At Work 02 = With Job, Not At Work 03 = Unemployed, Seeks Ft 04 = Unemployed, Seeks Pt	

NAME	SIZE	DESCRIPTION	LOCATION
PRWKSTAT	2	FULL/PART-TIME WORK STATUS	416 - 417
EDITED UNIVERSE: PEMLR = 1-7			
VALID ENTRIES			
		01 = Not In Labor Force 02 = Ft Hours (35+), Usually Ft 03 = Pt For Economic Reasons, Usually Ft 04 = Pt For Non-Economic Reasons, Usually Ft 05 = Not At Work, Usually Ft 06 = Pt Hrs, Usually Pt For Economic Reasons 07 = Pt Hrs, Usually Pt For Non-Economic Reasons 08 = Ft Hours, Usually Pt For Economic Reasons 09 = Ft Hours, Usually Pt For Non-Economic 10 = Not At Work, Usually Part-Time 11 = Unemployed Ft 12 = Unemployed Pt	
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF	418 - 419
EDITED UNIVERSE: PEMLR = 5-7			
VALID ENTRIES			
		01 = Want A Job 02 = Other Not In Labor Force	
PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
VALID ENTRIES			
		01 = If I-MLR EQ 3 or 4 then goto PUJHDP1 02 = All others goto PUJHSN	
PUJHCK4	2	SCREEN FOR DEPENDENT NILF	422 - 423
VALID ENTRIES			
		01 = If entry of 2, D or R in PUDW4WK or in PUJHDP10 then goto PUJHCK5 02 = If entry of 1 in PUDW4WK or in PUJHDP10 then goto PUO1INT 03 = If I-MLR equals 1 or 2 and entry in PUJHSN then goto PUJHCK5 04 = If entry in PUJHSN then goto PUO1INT 05 = All others goto PUNLFCK1	
PUJHCK5	2	SCREEN FOR DEPENDENT NILF	424 - 425
VALID ENTRIES			
		01 = If I-IO1ICR equals 1 or I-IO1OCR equals 1 then goto PUO1INT 02 = All others goto PUOCK5	

NAME	SIZE	DESCRIPTION	LOCATION
PUIODP1	2	LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)?	426 - 427
VALID ENTRIES			
01 = Yes 02 = No			
PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?	428 - 429
VALID ENTRIES			
01 = Yes 02 = No			
PUIODP3	2	LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB?	430 - 431
VALID ENTRIES			
01 = Yes 02 = No			
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE 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			
01 = Government - Federal 02 = Government - State 03 = Government - Local 04 = Private, For Profit 05 = Private, Nonprofit 06 = Self-Employed, Incorporated 07 = Self-Employed, Unincorporated 08 = Without Pay			

NAME	SIZE	DESCRIPTION	LOCATION
PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	434 - 435
		VALID ENTRIES	
		01 = Manufacturing 02 = Retail Trade 03 = Wholesale Trade 04 = Something Else	
PEIO1ICD	3	INDUSTRY CODE FOR PRIMARY JOB	436 - 438
		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	
		00 = Min Value 999 = Max Value	
PEIO1OCD	3	OCCUPATION CODE FOR PRIMARY JOB.	439 - 441
		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	
		00 = Min Value 999 = Max Value	
PEIO2COW	2	INDIVIDUAL CLASS OF WORKER ON SECOND JOB.	442 - 443
		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.	
		EDITED UNIVERSE: PEMJOT = 1 AND (HRMIS = 4.8 OR PEIO1COW = 7,8)	
		VALID ENTRIES	
		01 = Government - Federal 02 = Government - State 03 = Government - Local 04 = Private, For Profit 05 = Private, Nonprofit 06 = Self-Employed, Incorporated 07 = Self-Employed, Unincorporated 08 = Without Pay	

NAME	SIZE	DESCRIPTION	LOCATION
		09 = Unknown 10 = Government, Level Unknown 11 = Self-Employed, Incorp. Status Unknown	
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	444 - 445
		VALID ENTRIES	
		01 = Manufacturing 02 = Retail Trade 03 = Wholesale Trade 04 = Something Else	
PEIO2ICD	3	INDUSTRY CODE FOR SECOND JOB.	446 - 448
		EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8	
		VALID ENTRIES	
		00 = Min Value 999 = Max Value	
PEIO2OCD	3	OCCUPATION CODE FOR SECOND JOB.	449 - 451
		EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8	
		VALID ENTRIES	
		00 = Min Value 999 = Max Value	
PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O	452 - 453
		VALID ENTRIES	
		01 = If {MISCK EQ 1 or 5) or MISCK EQ 2-4, 6-8 and I-MLR EQ 3-7) and entry of 1 in ABS} then goto PUJO1INT 02 = If (MISCK EQ 1 or 5) or {(MISCK EQ 2-4, 6-8 and I-MLR EQ 3-7) and (entry of 1 in WK or HRCK7-C is blank, 1-3) goto PUJO1INT 03 = If I-IO1NAM is D, R or blank then goto PUJO1INT 04 = All others goto PUIODP1	
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES	454 - 455
		VALID ENTRIES	
		01 = If I-IO1ICR EQ 1 then goto PUJO1IND 02 = If I-IO1OCR EQ 1 then goto PUJO1OCC 03 = All others goto PUIODP2	

NAME	SIZE	DESCRIPTION	LOCATION
PUIOCK3	2	I & O CHECK ITEM 3	456 - 457
VALID ENTRIES			
01 = If I-IO1OCC equals D, R or blank then goto PUIO1OCC 02 = If I-IO1DT1 is D, R or blank then goto PUIO1OCC 03 = All others goto PUIODP3			
PRIELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG	458 - 459
EDITED UNIVERSE: PEMLR = 1-3, OR (PEMLR = 4 AND PELKLWO = 1 OR 2) OR (PEMLR = 5 AND (PEJHWKO = 1 OR PENLFJH=1), OR (PEMLR = 6 AND PENLFJH = 1), OR PEMLR = 7 AND PEJHWKO = 1)			
VALID ENTRIES			
00 = Not Eligible For Edit 01 = Eligible For Edit			
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY	460 - 461
EDITED UNIVERSE: PRIELG = 1			
VALID ENTRIES			
01 = Agricultural 02 = Non-Agricultural			
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1	462 - 463
EDITED UNIVERSE: PRIELG = 1			
VALID ENTRIES			
01 = Federal Govt 02 = State Govt 03 = Local Govt 04 = Private (Incl. Self-Employed Incorp.) 05 = Self-Employed, Unincorp. 06 = Without Pay			
PRCOW2	2	CLASS OF WORKER RRECODE - JOB 2	464 - 465
EDITED UNIVERSE: PRIELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8			
VALID ENTRIES			
01 = Federal Govt 02 = State Govt 03 = Local Govt			

NAME	SIZE	DESCRIPTION	LOCATION
		04 = Private (Incl. Self-Employed Incorp.) 05 = Self-Employed, Unincorp. 06 = Without Pay	
PRCOWPG	2	COW - PRIVATE OR GOVERNMENT	466 - 467
		EDITED UNIVERSE: PEIO1COW = 1 - 5	
		VALID ENTRIES	
		01 = Private 02 = Government	
PRDTCOW1	2	DETAILED CLASS OF WORKER RECODE - JOB 1	468 - 469
		EDITED UNIVERSE: PRIOELG = 1	
		VALID ENTRIES	
		01 = Agri., Wage & Salary, Private 02 = Agri., Wage & Salary, Government 03 = Agri., Self-Employed 04 = Agri., Unpaid 05 = Nonag, Ws, Private, Private Hhlds 06 = Nonag, Ws, Private, Other Private 07 = Nonag, Ws, Govt, Federal 08 = Nonag, Ws, Govt, State 09 = Nonag, Ws, Govt, Local 10 = Nonag, Self-Employed 11 = Nonag, Unpaid	
PRDTCOW2	2	DETAILED CLASS OF WORKER RECODE - JOB 2	470 - 471
		EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8	
		VALID ENTRIES	
		01 = Agri., Wage & Salary, Private 02 = Agri., Wage & Salary, Government 03 = Agri., Self-Employed 04 = Agri., Unpaid 05 = Nonag, Ws, Private, Private Hhlds 06 = Nonag, Ws, Private, Other Private 07 = Nonag, Ws, Govt, Federal 08 = Nonag, Ws, Govt, State 09 = Nonag, Ws, Govt, Local 10 = Nonag, Self-Employed 11 = Nonag, Unpaid	

NAME	SIZE	DESCRIPTION	LOCATION
PRDTIND1	2	DETAILED INDUSTRY RECODE - JOB 1	472 - 473

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 01 = Goods Producing-Agricultural Services
- 02 = Goods Producing-Other Agricultural
- 03 = Mining
- 04 = Construction
- 05 = Mfg-Lumber & Wood Prods, Ex Furniture
- 06 = Mfg-Furniture & Fixtures
- 07 = Mfg-Stone, Clay, Concrete, Glass Prods
- 08 = Mfg-Primary Metals
- 09 = 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
- 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

NAME	SIZE	DESCRIPTION	LOCATION
		50 = National Security & Internal Affairs 51 = Other Public Administration 52 = Armed Forces	
PRDTIND2	2	DETAILED INDUSTRY RECODE - JOB 2	474 - 475
EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8			
VALID ENTRIES			
		01 = Goods Producing-Agricultural Services 02 = Goods Producing-Other Agricultural 03 = Mining 04 = Construction 05 = Mfg-Lumber & Wood Prods, Ex Furniture 06 = Mfg-Furniture & Fixtures 07 = Mfg-Stone, Clay, Concrete, Glass Prods 08 = Mfg-Primary Metals 09 = 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 41 = Entertainment & Recreation Services 42 = Hospitals 43 = Health Services, Exc. Hospitals 44 = Educational Services 45 = Social Services 46 = Other Professional Services	

NAME	SIZE	DESCRIPTION	LOCATION
		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: PRIOELG = 1

#### VALID ENTRIES

- 01 = Officials & Administrators, Public Admin.
- 02 = Other Executive, Admin. & Managerial
- 03 = Management Related Occupations
- 04 = Engineers
- 05 = Mathematical And Computer Scientists
- 06 = Natural Scientists
- 07 = Health Diagnosing Occupations
- 08 = Health Assessment And Treatment Occupations
- 09 = Teachers, College And University
- 10 = Teachers, Except College And University
- 11 = Lawyers And Judges
- 12 = Other Professional Specialty 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
- 24 = Financial Records Processing
- 25 = Mail And Message Distribution
- 26 = Other Admnl. Support, Including Clerical
- 27 = Private Household Service 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, Craft, And Repair
- 36 = Machine Operators, And Tenders, Except Precision
- 37 = Fabricators, Assemblers, Inspectors, Samplers
- 38 = Motor Vehicle Operators
- 39 = Other Transportation And Material Moving Occupations
- 40 = Construction Laborers
- 41 = Freight, Stock, & Materials Handlers
- 42 = Other Handlers, Equipmt. Cleaners. Helpers. Laborers
- 43 = Farm Operators And Managers
- 44 = Farm Workers And Related Occupations

NAME	SIZE	DESCRIPTION	LOCATION
		45 = Forestry And Fishing Occupations 46 = Armed Forces	
PRDTOCC2	2	DETAILED OCCUPATION RECODE	478 - 479
EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8			
VALID ENTRIES			
		01 = Officials & Administrators, Public Admin. 02 = Other Executive, Admin. & Managerial 03 = Management Related Occupations 04 = Engineers 05 = Mathematical And Computer Scientists 06 = Natural Scientists 07 = Health Diagnosing Occupations 08 = Health Assessment And Treatment Occupations 09 = Teachers, College And University 10 = Teachers, Except College And University 11 = Lawyers And Judges 12 = Other Professional Specialitu 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 24 = Financial Records Processing 25 = Mail And Message Distribution 26 = Other Admin. Support, Including Clerical 27 = Private Household Service 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, Craft, And Repair 36 = Machine Operators, And Tenders, Except Precision 37 = Fabricators, Assemblers, Inspectors, Samplers 38 = Motot Vehicle Operators 39 = Other Transportation And Material Moving Occupations 40 = Construction Laborers 41 = Freight, Stock, & Materials Handlers 42 = Other Handlers, Equipt. Cleaners, Helpers, Laborers 43 = Farm Operators And Managers 44 = Farm Workers And Related Occupations 45 = Forestry And Fishing Occupations 46 = Armed Forces	

NAME	SIZE	DESCRIPTION	LOCATION
PREMP	2	EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE	480 - 481
EDITED UNIVERSE: PEMLR = 1 OR 2 AND PEIO1OCD ne 403-407, 473-484			
VALID ENTRY			
1 Employed Persons (Exc. Farm & Priv HH)			
PRMJIND1	2	MAJOR INDUSTRY RECODE - JOB 1	482 - 483
EDITED UNIVERSE: PRDTIND1 = 1-51			
VALID ENTRIES			
01 = Agriculture 02 = Mining 03 = Construction 04 = Manufacturing - Durable Goods 05 = Manufacturing - Non-Durable Goods 06 = Transportation 07 = Communications 08 = Utilities And Sanitary Services 09 = 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			
01 = Agriculture 02 = Mining 03 = Construction 04 = Manufacturing - Durable Goods 05 = Manufacturing - Non-Durable Goods 06 = Transportation 07 = Communications 08 = Utilities And Sanitary Services 09 = Wholesale Trade 10 = Retail Trade 11 = Finance, Insurance, And Real Estate			

NAME	SIZE	DESCRIPTION	LOCATION
		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	
PRMJOCC1	2	MAJOR OCCUPATION RECODE - JOB 1	486 - 487

EDITED UNIVERSE: PRDTOCC1 = 1-46

#### VALID ENTRIES

- 01 = Executive, Administrative, & Managerial Occupations
- 02 = Professional Specialty Occupations
- 03 = Technicians And Related Support Occupations
- 04 = Sales Occupations
- 05 = Administrative Support Occupations, Including Clerical
- 06 = Private Household Occupations
- 07 = Protective Service Occupations
- 08 = Service Occupations, Except Protective & Hhld
- 09 = 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

PRMJOCC2	2	MAJOR OCCUPATION RECODE - JOB 2	488 - 489
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EDITED UNIVERSE: PRDTOCC2 = 1-46

#### VALID ENTRIES

- 01 = Executive, Administrative, & Managerial Occupations
- 02 = Professional Specialty Occupations
- 03 = Technicians And Related Support Occupations
- 04 = Sales Occupations
- 05 = Administrative Support Occupations, Including Clerical
- 06 = Private Household Occupations
- 07 = Protective Service Occupations
- 08 = Service Occupations, Except Protective & Hhld
- 09 = 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	MAJOR OCCUPATION CATEGORIES  EDITED UNIVERSE: PRMJOCC = 1-13	490 - 491
		VALID ENTRIES	
		01 = Managerial & Professional, Technical, Sales & Support Occupations 02 = Service Occupations 03 = Production, Craft, Repair, Operators 04 = Farming, Forestry & Fishing Occupations	
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE  EDITED UNIVERSE: PRCOW1 = 1 AND PEIO1ICD ne 761 OR 010-030	492 - 493
		VALID ENTRY	
		1 Non-ag Priv Wage & Salary (Ex Priv HH)	
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE  EDITED UNIVERSE: PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 010-030	494 - 495
		VALID ENTRY	
		1 Non-ag Wage And Salary Workers	
PRSJMJ	2	SINGLE/MULTIPLE JOBHOLDER  EDITED UNIVERSE: PEMLR = 1 OR 2	496 - 497
		VALID ENTRIES	
		01 = Single Jobholder 02 = Multiple Jobholder	
PRERELG	2	EARNINGS ELIGIBILITY FLAG  EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8	498 - 499
		VALID ENTRIES	
		00 = Not Eligible For Edit 01 = Eligible For Edit	

NAME	SIZE	DESCRIPTION	LOCATION
PEERNUOT	2	DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB?	500 - 501
		EDITED UNIVERSE: PRERELG = 1	
		VALID ENTRIES	
		01 = Yes 02 = No	
PEERNPER	2	PERIODICITY	502 - 503
		EDITED UNIVERSE: PRERELG = 1	
		VALID ENTRIES	
		01 = Hourly 02 = Weekly 03 = Bi-Weekly 04 = Twice Monthly 05 = Monthly 06 = Annually 07 = Other - Specify	
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?)	504 - 505
		EDITED UNIVERSE: PEERNPER = 2-7	
		VALID ENTRIES	
		01 = Yes 02 = No	
PEERNHRY	2	HOURLY/NONHOURLY STATUS	506 - 507
		EDITED UNIVERSE: PRERELG = 1	
		VALID ENTRIES	
		01 = Hourly Worker 02 = Nonhourly Worker	
PUERNH1C	4	WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS	508 - 511
		VALID ENTRIES	
		00 = Min Value 9999 = Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
PEERNH2	4	(EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB? DOLLAR AMOUNT - 2 IMPLIED DECIMALS	512 - 515
		EDITED UNIVERSE: PEERNRT = 1	
		VALID ENTRIES	
		00 = Min Value 9999 = Max Value	
PEERNH10	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS)	516 - 519
		EDITED UNIVERSE: PEERNPER = 1	
		VALID ENTRIES	
		00 = Min Value 9999 = Max Value	
PRERNHLY	4	RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS	520 - 523
		EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1	
		VALID ENTRIES	
		00 = Min Value 9999 = Max Value	
PTHR	1	HOURLY PAY - TOP CODE	524 - 524
		VALID ENTRIES	
		00 = Not Topcoded 01 = Topcoded	
PEERNHRO	2	USUAL HOURS	525 - 526
		EDITED UNIVERSE: PEERNH10 = ENTRY	
		VALID ENTRIES	
		00 = Min Value 99 = Max Value	
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS	527 - 534
		EDITED UNIVERSE: PRERELG = 1	
		VALID ENTRIES	
		0 Min Value 1923Max Value	

NAME	SIZE	DESCRIPTION	LOCATION
PTWK	1	WEEKLY EARNINGS - TOP CODE	535 - 535
		00 = Not Topcoded 01 = Topcoded	
PEERNVR1	2	I HAVE ESTIMATED YOUR USUAL WEEKLY EARNINGS (FOR YOUR MAIN JOB) AS ( ) BEFORE TAXES OR OTHER DEDUCTIONS. DOES THAT SOUND CORRECT?	536 - 537
		EDITED UNIVERSE: PEERNHRO = ENTRY	
		VALID ENTRIES	
		01 = Yes 02 = No	
PEERNVR3	2	I HAVE ESTIMATED YOUR TOTAL WEEKLY EARNINGS (FOR YOUR MAIN JOB) AS ( ) BEFORE TAXES OR OTHER DEDUCTIONS. DOES THAT SOUND CORRECT?	538 - 539
		EDITED UNIVERSE: PEERNVR1 = -2 OR 2 (THIS IS AN APPROXIMATE UNIVERSE AS THE VARIABLES WHICH COMprise THE UNIVERSE ARE NOT INCLUDED ON THIS FILE)	
		VALID ENTRIES	
		01 = Yes 02 = No	
PFFRN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	540 - 547
		EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1	
		VALID ENTRIES	
		00 = Min Value 99999999 = Max Value	
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	548 - 555
		VALID ENTRIES	
		00 = Min Value 99999999 = Max Value	
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE	556 - 556
		VALID ENTRIES	
		00 = Not Topcoded 01 = Topcoded	

NAME	SIZE	DESCRIPTION	LOCATION
PUERNVR4	2	I HAVE RECORDED YOUR TOTAL EARNINGS (FOR YOUR MAIN JOB) AS ( ) BEFORE TAXES OR OTHER DEDUCTIONS. IS THAT CORRECT?	557 - 558
		VALID ENTRIES	
		01 = Yes 02 = No	
PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR?	559 - 560
		EDITED UNIVERSE: PEERNPER = 6	
		VALID ENTRIES	
		01 = Min Value 52 = Max Value	
PEERNLAB	2	ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION?	561 - 562
		EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)	
		VALID ENTRIES	
		01 = Yes 02 = No	
PEERNCOV	2	ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT?	563 - 564
		EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)	
		VALID ENTRIES	
		01 = Yes 02 = No	
PENLFJH	2	WHEN DID YOU LAST WORK AT A JOB OR BUSINESS?	565 - 566
		EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7	
		VALID ENTRIES	
		01 = Within The Last 12 Months 02 = More Than 12 Months Ago 03 = Never Worked	

NAME	SIZE	DESCRIPTION	LOCATION
PENLFRET	2	ARE YOU RETIRED FROM A JOB OR BUSINESS?	567 - 568
EDITED UNIVERSE: PEAGE = 50+ AND PEMLR = 3-7			
VALID ENTRIES			
		01 = Yes 02 = No	
PENLFACT	2	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?	569 - 570
EDITED UNIVERSE: (PEAGE = 14-49) or (PENLFRET = 2)			
VALID ENTRIES			
		01 = Disabled 02 = Ill 03 = In School 04 = Taking Care Of House Or Family 05 = In Retirement 06 = Something Else/Other	
PUNLFCK1	2	NOT IN LABOR FORCE CHECK ITEM - 1	571 - 572
VALID ENTRIES			
		01 - If AGERNG Equals 1-4 or 9 Then Goto NlfACT 02 = All Others Goto NIFRET	
PUNLFCK2	2	NOT IN LABOR FORCE CHECK ITEM - 2	573 - 574
VALID ENTRIES			
		01 = If MISCL Equals 4 or 8 Then Goto NIFJH 02 = All Others Goto LBFR-END	
PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	575 - 576
EDITED UNIVERSE: PRPERTYP = 2 and PEAGE = 16-24			
VALID ENTRIES			
		01 = Yes 02 = No	

NAME	SIZE	DESCRIPTION	LOCATION
PESCHFT	2	ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT?  EDITED UNIVERSE: PESCHLVL = 1, 2	577 - 578
		VALID ENTRIES	
		01 = Full-Time 02 = Part-Time	
PESCHLVL	2	WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY?  EDITED UNIVERSE: PESCHENR = 1	579 - 580
		VALID ENTRIES	
		01 = High School 02 = College or University	
PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL  EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PEAGE = 16-24	581 - 582
		VALID ENTRIES	
		01 = In School 02 = Not in School	
		PERSON'S WEIGHTS	
PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS.  EDITED UNIVERSE: PRPERTYP = 1-3	583 - 592
PWLGWGT	10	LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS)  EDITED UNIVERSE: PRPERTYP = 2	593 - 602
PWORWGT	10	OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF)  EDITED UNIVERSE: PRPERTYP = 2	603 - 612

NAME	SIZE	DESCRIPTION	LOCATION
PWSSWGT	10	FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX.  EDITED UNIVERSE: PRPERTYP = 1-3	613 - 622
PWVETWGT	10	VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA.  EDITED UNIVERSE: PRPERTYP = 2	623 - 632
FILLER	6		633 - 638
<b>ALLOCATION FLAGS</b>			
PRWERNAL	2	ALLOCATION FLAG  WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG  EDITED UNIVERSE: PRERELG = 1  00 = NO ALLOCATION 01 = ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	639 - 640
PRHERNAL	2	ALLOCATION FLAG  HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG  EDITED UNIVERSE: PRERNHRY = 1  00 = NO ALLOCATION 01 = ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED (See the allocation flags attachment for a description of allocation values)	641 - 642
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

NAME	SIZE	DESCRIPTION	LOCATION
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	794 - 680
FILLER	2		681 - 682
PXORIGIN	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688
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

NAME	SIZE	DESCRIPTION	LOCATION
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
PXLKLL1O	2	ALLOCATION FLAG	733 - 734
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
PXDWLWKW	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

NAME	SIZE	DESCRIPTION	LOCATION
PXIO2ICD	2	ALLOCATION FLAG	773 - 774
PXIO2OCD	2	ALLOCATION FLAG	775 - 776
PXERNUOT	2	ALLOCATION FLAG	777 - 778
PXERNPER	2	ALLOCATION FLAG	779 - 780
PXERNH1O	2	ALLOCATION FLAG	781 - 782
PXERNHRO	2	ALLOCATION FLAG	783 - 784
PXERN	2	ALLOCATION FLAG	785 - 786
PXERNVR1	2	ALLOCATION FLAG	787 - 788
PXERNVR3	2	ALLOCATION FLAG	789 - 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

## ATTACHMENT 8

### SUPPLEMENT RECORD LAYOUT

#### November 1996 Voting and Registration

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PES1	2	In any election some people are not able to vote because they are sick or busy or have some other reason, and others do not want to vote. Did (you/name) vote in the election held on Tuesday, November 5?	815 - 816

#### EDITED UNIVERSE:

PEAGE >=18 and  
PRCITSHP = 1, 2, 3, or 4

#### VALID ENTRIES:

- 1 Yes
- 2 No
- 2 Don't Know
- 3 Refused
- 9 No Response

PES2	2	(Were you/Was name) registered to vote in the November 5 election?	817 - 818
------	---	--	-----------

#### EDITED UNIVERSE:

PES1 = 2, -2, -3, -9

#### VALID ENTRIES:

- 1 Yes
- 2 No
- 2 Don't Know
- 3 Refused
- 9 No Response

Additional valid entry for all items: -1 (blank)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PES3	2	What was the main reason (you/name) did not vote?	819 - 820

EDITED UNIVERSE:

PES1 = 2 and PES2 = 1

VALID ENTRIES:

- 1 Had no way to get to polls
- 2 Could not take time off from work/school/too busy
- 3 Out of town or away from home
- 4 Sick, disabled, or family emergency
- 5 Did not prefer any of the candidates
- 6 Not interested, don't care, etc.
- 7 Forgot to vote
- 8 Other reasons
- 9 Lines too long at polls
- 2 Don't know
- 3 Refused
- 9 No Response

PES4	2	How did (you/name) vote? Did (you/he/she) vote in person on election day, in person before election day, or by mail?	821 - 822
------	---	--	-----------

EDITED UNIVERSE:

PES1 = 1

VALID ENTRIES:

- 1 In person on election day
- 2 In person before election day
- 3 Voted by mail (absentee)
- 2 Don't know
- 3 Refused
- 9 No Response

Additional valid entry for all items: -1 (blank)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PES5	2	Did (you/name) register to vote after January 1, 1995?	823 - 824
<u>EDITED UNIVERSE:</u>			
PES1 = 1 or PES2 = 1			
<u>VALID ENTRIES:</u>			
1 Yes 2 No -2 Don't know -3 Refused -9 No Response			
PES6	2	There are various ways people can register to vote. Did (you/name) register to vote when (you/he/she) obtained or renewed (your/his/her) driver's license, or did (you/he/she) register in some other way?	825 - 826
<u>EDITED UNIVERSE:</u>			
PES5 = 1			
<u>VALID ENTRIES:</u>			
1 When driver's license was obtained/renewed 2 Some other way -2 Don't know -3 Refused			
PES7	2	How did you register to vote?	827 - 828
<u>EDITED UNIVERSE:</u>			
PES6 = 2			
<u>VALID ENTRIES:</u>			
1 At a public assistance agency (for example, Medicaid, AFDC, or Food Stamp Unemployment office, office serving disabled persons) 2 Mailed in form to election office			

Additional valid entry for all items: -1 (blank)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		3 At a school, hospital, or on campus 4 Went to a county or government voter registration office 5 Filled out form at a registration drive (for example, political rally, someone came to your door, registration drive at mall, market, fair, post office, library, store, church, etc.) 6 Other place/way 7 Registered at the polls on election day -2 Don't know -3 Refused -9 No Response	
PES8	2	How long (have you/has name) lived at this address?	829 - 830

EDITED UNIVERSE:

PEAGE >= 18

VALID ENTRIES:

- 1 Less than 1 month
- 2 1-6 months
- 3 7-11 months
- 4 1-2 years
- 5 3-4 years
- 6 5 years or longer
- 2 Don't know
- 3 Refused
- 9 No Response

PUSCK4	2	INTERVIEWER CHECK ITEM - Who reported for this person?	831 - 832
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EDITED UNIVERSE:

PEAGE >= 18

VALID ENTRIES:

- 1 Self
- 2 Other

Additional valid entry for all items: -1 (blank)

**ATTACHMENT 9**  
**CPS SUPPLEMENT QUESTIONNAIRE**  
**November 1996 Voting and Registration**

>SCK1< If AGE >= 18 go to SCK2,  
Else, go to next person.

>SCK2< If NAT1 = 57, 72, or 96,  
Or if MNAT1 and FNAT1 = 57, 72, or 96,  
Or if CITIZN = 1, go to PRESUP.  
If CITIZN = 2, go to S8.  
Else, go to PRESUP.

>PRESUP< This month we have some questions concerning voting and registration.

>S1< In any election, some people are not able to vote because they are sick or busy or have some other reason, and others do not want to vote. Did (you/name) vote in the election held on Tuesday, November 5?

- |         |            |
|---------|------------|
| <1> Yes | (Go to S4) |
| <2> No  | (Ask S2)   |

Blind display:

- |                |          |
|----------------|----------|
| <D> Don't know | (Ask S2) |
| <R> Refused    | (Ask S2) |

>S2< (Were you/Was name) registered to vote in the November 5 election?

- |         |              |
|---------|--------------|
| <1> Yes | (Go to SCK3) |
| <2> No  | (Go to S8)   |

Blind display:

- |                |            |
|----------------|------------|
| <D> Don't know | (Go to S8) |
| <R> Refused    | (Go to S8) |

>SCK3< If S1 = 2, go to S3.  
Else, go to S5.

>S3< What was the main reason (you/name) did not vote?

- <1> Had no way to get to the polls
- <2> Could not take off time from work/school
- <3> Out of town or away from home
- <4> Sick or family emergency
- <5> Did not prefer any of the candidates

- <6> Not interested, don't care, etc.
- <7> Forgot to vote
- <8> Other/specify

(Go to S3s)

Blind display:

- <D> Don't know
- <R> Refused

(For entries 1-7, D or R, Go to S5)

>S3s<

\*\*\* DO NOT READ TO RESPONDENT \*\*\*

Enter specific reason for not voting:

(Go to S5)

>S4<

How did (you/name) vote? Did (you/he/she) vote in person on election day, in person before election day, or by mail?

- <1> In person on election day
- <2> In person before election day
- <3> Voted by mail (absentee)

Blind display:

- <D> Don't know
- <R> Refused

>S5<

Did (you/name) register to vote after January 1, 1995?

- <1> Yes
- <2> No

(Ask S6)  
(Go to S8)

Blind display:

- <D> Don't know
- <R> Refused

(Go to S8)  
(Go to S8)

>S6<

There are various ways people can register to vote. Did (you/name) register to vote when (you/he/she) obtained or renewed (your/his/her) driver's license, or did (you/he/she) register in some other way?

- <1> When driver's license was obtained/renewed
- <2> Some other way

(Go to S8)  
(Go to S7)

Blind display:

- <D> Don't know
- <R> Refused

(Go to S8)  
(Go to S8)

>S7< How did (you/name) register to vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

- <1> At a public assistance agency  
(for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office)
- <2> Mailed in form to election office
- <3> At a school or hospital
- <4> Went to a county or government voter registration office
- <5> Filled out form at a registration drive  
(at a booth, a political rally, or someone came to your door)
- <6> Other/specify

(Go to S7s)

Blind display:

- <D> Don't know
- <R> Refused

(For entries 1-5, D, or R, skip to S8)

>S7s< \*\*\* DO NOT READ TO RESPONDENT \*\*\*

Enter specific way in which person registered to vote:

---

(Go to S8)

>S8< How long (have you/has name) lived at this address?

- <1> Less than 1 month
- <2> 1-6 months
- <3> 7-11 months
- <4> 1-2 years
- <5> 3-4 years
- <6> 5 years or longer

Blind display:

- <D> Don't know
- <R> Refused

>SCK4< \*\*\* DO NOT READ TO RESPONDENT \*\*\*

Who reported for this person?

- <1> Self
- <2> Other

(Go to next person; else, end supplement.)

## 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.

<b>Code</b>	<b>Industry</b>
000-009	not used
010-030	<b>AGRICULTURE</b>
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	<b>FORESTRY AND FISHERIES</b>
031	Forestry (08)
032	Fishing, hunting, and trapping (09)
033-039	not used
040-050	<b>MINING</b>
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	<b>CONSTRUCTION (15, 16, 17)</b>
061-099	not used
100-392	<b>MANUFACTURING</b>
100-222	<b>NONDURABLE GOODS</b>
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)
112	Sugar and confectionery products (206)
113-119	not used
120	Beverage industries (208)
121	Miscellaneous food preparations and kindred products (207, 209)

<b>Code</b>	<b>Industry</b>
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
230-392	<b>DURABLE GOODS</b>
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)

<b>Code</b>	<b>Industry</b>
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)
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

<b>Code</b>	<b>Industry</b>
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
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

<b>Code</b>	<b>Industry</b>
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	<b>RETAIL TRADE</b>
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
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)

<b>Code</b>	<b>Industry</b>
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)
761-791	<b>PERSONAL SERVICES</b>
761	<b>PRIVATE HOUSEHOLDS (88)</b>
762-791	<b>PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD</b>
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

<b>Code</b>	<b>Industry</b>
800-810	<b>ENTERTAINMENT AND RECREATION SERVICES</b>
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	<b>PROFESSIONAL AND RELATED SERVICES</b>
812-830	<b>MEDICAL SERVICES, EXCEPT HOSPITALS</b>
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	<b>HOSPITALS (806)</b>
832-840	<b>MEDICAL SERVICES, EXCEPT HOSPITALS (Continued)</b>
832	Nursing and personal care facilities (805)
833-839	not used
840	Health services, n.e.c. (807, 808, 809)
841	<b>OTHER PROFESSIONAL SERVICES (also includes codes 872-893)</b>
841	Legal services (81)
842-860	<b>EDUCATIONAL SERVICES</b>
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
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

<b>Code</b>	<b>Industry</b>
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.

<b>Detailed Industry</b>	<b>Recode</b>	<b>Industry Code</b>
Agriculture Service	01	012-030
Other Agriculture	02	010-011
Mining	03	040-050
Construction	04	060
<b>Manufacturing (Durable Goods)</b>		
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, and watches	16	371-382
Toys, amusements, and sporting goods	17	390
Miscellaneous and not specified manufacturing industries	18	391-392
<b>Manufacturing (Nondurable Goods)</b>		
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
Retail Trade	33	580-691
Banking and Other Finance	34	700-710
Insurance and Real Estate	35	711-712
Private Household Services	36	761
Business Services	37	721-750

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

<b>Major Industry</b>	<b>Recode</b>	<b>Industry Code</b>
Agriculture	01	010-030
Mining	02	040-050
Construction	03	060
Manufacturing		
(Durable Goods)	04	230-392
Nondurable Goods	05	100-222
Transportation, communications 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
043-199	PROFESSIONAL SPECIALTY OCCUPATIONS
043-063	Engineers, Architects, and Surveyors

<b>Code</b>	<b>Occupation</b>
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)
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

<b>Code</b>	<b>Occupation</b>
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)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)

<b>Code</b>	<b>Occupation</b>
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) not used
179-182	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	<b>TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS</b>
203-235	<b>TECHNICIANS AND RELATED SUPPORT OCCUPATIONS</b>
203-208	<b>Health Technologists and Technicians</b>
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	<b>Technologists and Technicians, Except Health</b>
213-218	<b>Engineering and Related Technologists and Technicians</b>
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	<b>Science Technicians</b>
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)
226-235	<b>Technicians, Except Health, Engineering, and Science</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)

<b>Code</b>	<b>Occupation</b>
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)
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)

<b>Code</b>	<b>Occupation</b>
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)
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)

<b>Code</b>	<b>Occupation</b>
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	<b>SERVICE OCCUPATIONS</b>
403-407	<b>PRIVATE HOUSEHOLD OCCUPATIONS</b>
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	<b>PROTECTIVE SERVICE OCCUPATIONS</b>
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	<b>SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD</b>
433-444	<b>Food Preparation and Service Occupations</b>
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)
439	Kitchen workers, food preparation (5217)
440-442	not used
443	Waiters/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)
445-447	<b>Health Service Occupations</b>
445	Dental assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
448-455	<b>Cleaning and Building Service Occupations, Except Household</b>
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)

<b>Code</b>	<b>Occupation</b>
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	FARMING, FORESTRY, AND FISHING OCCUPATIONS
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
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)

<b>Code</b>	<b>Occupation</b>
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 (6113)
519	Machinery maintenance occupations (6114)
520-522	not used
523-533	<b>Electrical and Electronic Equipment Repairers</b>
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	<b>Miscellaneous Mechanics and Repairers</b>
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	<b>Construction Trades</b>
553-558	<b>Supervisors, Construction Occupations</b>
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	<b>Construction Trades, Except Supervisors</b>
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)

<b>Code</b>	<b>Occupation</b>
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
582	not used
583	Paperhanglers (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)
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)

<b>Code</b>	<b>Occupation</b>
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
703-889	<b>OPERATORS, FABRICATORS, AND LABORERS</b>
703-799	<b>MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS</b>
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)

<b>Code</b>	<b>Occupation</b>
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)
/55	Extruding and forming machine operators (7463, 7663)
756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
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

<b>Code</b>	<b>Occupation</b>
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	<b>Motor Vehicle Operators</b>
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	<b>Transportation Occupations, Except Motor Vehicles</b>
823-826	<b>Rail Transportation Occupations</b>
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
827	not used
828-834	<b>Water Transportation Occupations</b>
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	<b>Material Moving Equipment Operators</b>
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	<b>HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS</b>
864	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
865	Helpers, mechanics, and repairers (863)
866-868	<b>Helpers, Construction, and Extractive Occupations</b>
866	Helpers, construction trades (8641-8645, 8648)
867	Helpers, surveyor (8646)

<b>Code</b>	<b>Occupation</b>
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.

<b>Detailed Occupation</b>	<b>Recode</b>	<b>Occupation Code</b>
Administrators and Officials,		
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, 163-177, 183-199
Health Technologists and Technicians	13	203-208
Engineering and Science Technicians	14	213-225
Technicians, Except Health Engineering, and Science	15	226-235
Supervisors and Proprietors.		
Sales Occupations	16	243
Sales Representatives, Finance, and Business Service	17	253-257
Sales Representatives, Commodities, Except Retail	18	258-259
Sales Workers, Retail and 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, Including Clerical	26	316-336, 345-353, 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
Personal Service Occupations	32	456-469

<b>Detailed Occupation</b>	<b>Recode</b>	<b>Occupation Code</b>
Mechanics and Repairers	33	503-549
Construction Trades	34	553-599
Other Precision Production Occupations	35	613-699
Machine Operators and Tenders, Except Precision	36	703-779
Fabricators, Assemblers, Inspectors, and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations and Material Moving	39	823-859
Construction Laborer	40	869
Freight, Stock and Material Handlers	41	875-883
Other Handlers, Equipment Cleaners, and Laborers	42	864-868 874, 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 PRMJ OCC1 and PRMJ OCC2 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.

<b>Occupation Group</b>	<b>Recode</b>	<b>Occupation Code</b>
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>	INDIVIDUAL CENTRAL CITY CODE <u>(GEINDVCC)</u>	FIPS MSA/PMSA CODE <u>(GEMSA)</u>	FIPS CMSA CODE <u>(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 CODES (GECMSA)**

<u>FIPS CODE (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 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 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**

<u>FIPS CMSA CODE (GECMSA)</u>	<u>FIPS PMSA CODE (GEMSA)</u>	<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 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 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 CMSA CODE (GECMSA)</u>	<u>FIPS PMSA CODE (GEMSA)</u>	<u>TITLE</u>
42	1145 2920 3360	Houston-Galveston-Brazoria, TX CMSA Brazoria, TX Galveston-Texas City, TX Houston, TX (Chambers County not in sample)
49	4480 5945 6780 8735	Los Angeles-Riverside-Orange County, CA CMSA Los Angeles-Long Beach, CA Orange County, CA Riverside-San Bernardino, CA Ventura, CA
56	2680 5000	Miami-Fort Lauderdale, FL CMSA Fort Lauderdale, FL Miami, FL
63	5080 6600	Milwaukee-Racine, WI CMSA Milwaukee-Waukesha, WI Racine, WI
70	0875 1160 1930 2281 3640 5015 5190 5380 5480 5600 5640 5660 8040 8480 8880	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA Bergen-Passaic, NJ Bridgeport, CT Danbury, CT Dutchess County, NY Jersey City, NJ Middlesex-Somerset-Hunterdon, NJ Monmouth-Ocean, NJ Nassau-Suffolk, NY New Haven-Meriden, CT New York, NY (White Plains Central City recoded as balance of PMSA) Newark, NJ Newburgh, NY-PA (Pennsylvania portion not identified) Stamford-Norwalk, CT Trenton, NJ Waterbury, CT
77	0560 6160 8760 9160	Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA Atlantic-Cape May, NJ Philadelphia, PA-NJ Vineland-Millville-Bridgeton, NJ Wilmington-Newark, DE-MD (Maryland portion suppressed)
79	6440 7080	Portland-Salem, OR-WA CMSA Portland-Vancouver, OR-WA Salem, OR

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

<b>FIPS MSA/PMSA CODE GEMSA</b>	<b><u>MSA/PMSA TITLE</u></b>
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; Ohio County, IN not in sample)
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

<u>FIPS MSA/PMSA CODE GEMSA</u>	<u>MSA/PMSA TITLE</u>
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 DF 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
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

<u>FIPS MSA/PMSA CODE GEMSA</u>	<u>MSA/PMSA TITLE</u>
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
4680	Macon, GA MSA (Twiggs County not in sample)
4720	Madison, WI MSA
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; Pierce County, WI not in sample)
5160	Mobile, AL MSA
5170	Modesto, CA MSA
5190	Monmouth-Ocean, NJ PMSA

<u>FIPS MSA/PMSA CODE GEMSA</u>	<u>MSA/PMSA TITLE</u>
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 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
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

**FIPS  
MSA/PMSA  
CODE GEMSA**

**MSA/PMSA TITLE**

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
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)

FIPS  
MSA/PMSA  
CODE GEMSA

MSA/PMSA TITLE

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 Others	1 0
1120	Boston, MA-NH PMSA Boston Others	1 0
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA Charlotte Others	1 0
1600	Chicago, IL PMSA Chicago Others	1 0
1680	Cleveland-Lorain-Elyria, OH PMSA Cleveland Others	1 0
1920	Dallas, TX PMSA Dallas Others	1 0
2000	Dayton-Springfield, OH MSA Dayton Others	1 0
2160	Detroit, MI PMSA Detroit Others	1 0
2800	Fort Worth-Arlington, TX PMSA Fort Worth Arlington	1 2
3120	Greensboro-Winston-Salem-High Point, NC MSA Greensboro Winston-Salem Others	1 2 0
4400	Little Rock-North Little Rock, AR MSA Little Rock Others	1 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
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#### **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
079	SAN LUIS OBISPO
081	SAN MATEO
083	SANTA BARBARA
085	SANTA CLARA
097	SONOMA
099	STANISLAUS
107	TULARE

**FIPS  
COUNTY  
CODE**

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  
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

**FIPS  
COUNTY  
CODE**

103	PINELLAS
105	POLK
115	SARASOTA
117	SEMINOLE

**GEORGIA**

063	CLAYTON
067	COBB
089	DEKALB
121	FULTON
135	GWINNETT

**HAWAII**

003	HONOLULU
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**ILLINOIS**

099	LASALLE
115	MACON

**INDIANA**

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

**IOWA**

013	BLACK HAWK
113	LINN
163	SCOTT

**KANSAS**

177	SHAWNEE
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**FIPS  
COUNTY  
CODE**

**KENTUCKY**

117      KENTON

**LOUISIANA**

019      CALCASIEU  
033      EAST BATON ROUGE  
051      JEFFERSON  
073      OUACHITA

**MAINE**

011      KENNEBEC

**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

**FIPS  
COUNTY  
CODE**

**MISSOURI**

003	CLAY
037	JACKSON
099	JEFFERSON
189	ST. LOUIS

**NEBRASKA**

109	LANCASTER
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**NEVADA**

003	CLARK
031	WASHOE

**NEW JERSEY**

003	BERGEN
006	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
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**NEW YORK**

005	BRONX
013	CHAUTAUQUA
027	DUTCHESS
047	KINGS
055	MONROE

**FIPS  
COUNTY  
CODE**

059	NASSAU
061	NEW YORK
071	ORANGE
075	OSWEGO
081	QUEENS
085	RICHMOND
089	ST. LAWRENCE
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
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**OHIO**

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

**OKLAHOMA**

143	TULSA
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**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
167	GALVESTON
215	HIDALGO
303	LUBBOCK
329	MIDLAND
439	TARRANT
479	WEBB

**FIPS  
COUNTY  
CODE**

**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.

<b>Hours</b>	<b>Topcode</b>	<b>Hours</b>	<b>Topcode</b>	<b>Hours</b>	<b>Topcode</b>
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**  
**TALLIES OF UNWEIGHTED COUNTS**  
**November 1996: Voting and Registration Survey**

Item		Count
PES1	1 Yes	50,025
	2 No	28,284
	-2 Don't Know	1,468
	-3 Refused	670
	-9 No Response	4,087
PES2	1 Yes	10,399
	2 No	17,771
	-2 Don't Know	1,594
	-3 Refuscd	626
	-9 No Response	4,119
PES3	1 Had no way to get to polls	441
	2 Could not take time off from work/ school/too busy	2,048
	3 Out of town or away from home	1,133
	4 Sick, disabled, or family emergency	1,515
	5 Did not prefer any of the candidates	1,291
	6 Not interested, don't care, etc.	1,691
	7 Forgot to vote	442
	8 Other reasons	987
	9 Lines too long at polls	127
	-2 Don't know	216
	-3 Refused	18
	-9 No Response	3
PES4	1 In person on election day	45,114
	2 In person before election day	1,186
	3 Voted by mail (absentee)	3,636
	-2 Don't know	64
	-3 Refused	20
	-9 No Response	5
PES5	1 Yes	8,864
	2 No	50,474
	-2 Don't know	1,046
	-3 Refused	27
	-9 No Response	13
PES6	1 When driver's license was obtained/renewed	2,381
	2 Some other way	6,209
	-2 Don't know	270
	-3 Refused	4

<b>Item</b>		<b>Count</b>
PES7	1 At a public assistance agency (for example, Medicaid, AFDC, or Food Stamp Unemployment office, office serving disabled persons)	260
	2 Mailed in form to election office	1,517
	3 At a school, hospital, or on campus	436
	4 Went to a county or government voter registration office	1,988
	5 Filled out form at a registration drive (for example, political rally, someone came to your door, registration drive at mall, market, fair, post office, library, store, church, etc.)	1,390
	6 Other place/way	109
	7 Registered at the polls on election day	285
	-2 Don't know	216
	-3 Refused	7
	-9 No Response	1
PES8	1 Less than 1 month	1,414
	2 1-6 months	8,641
	3 7-11 months	3,776
	4 1-2 years	13,033
	5 3-4 years	11,627
	6 5 years or longer	46,358
	-2 Don't know	356
	-3 Refused	560
	-9 No Response	4,289
PUSCK4	1 Self	48,776
	2 Other	36,986

**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:

<b>Code</b>	<b>Name</b>
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.

<b>Code</b>	<b>Name</b>	<b>Code</b>	<b>Name</b>
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	Fiji	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 Statement for the November 1996 CPS Microdata File for Voting and Registration

#### SOURCE OF DATA

The data for this microdata file come from the November 1996 Current Population Survey (CPS). This month's survey uses two sets of questions, the basic CPS and the supplement. The Bureau of the Census conducts the basic CPS every month and asks supplementary questions during certain months.

**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.

**November 1996 supplement.** In addition to the basic CPS questions, interviewers asked supplementary questions on voting and registration.

**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. 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. A total of 754 geographic areas were selected for sample. About 50,000 occupied households are eligible for interview every month. 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.

Since the introduction of the CPS, the Bureau of the Census 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 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

Since the CPS estimates come from a sample, they may differ from figures from a complete census using the same questionnaires, instructions, and enumerators. A sample survey estimate has two possible types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error, but the full extent of the nonsampling error is unknown. 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 variability.** There are several sources of nonsampling errors including the following:

- Inability to get information about all sample cases.
- 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 recording and coding data.
- Errors made in processing the data.
- Errors made in estimating values for missing data.
- Failure to represent all units with the sample (undercoverage).

CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage is 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 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 the post-stratification ratio estimate 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 A. 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

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 40, The Current Population Survey: Design and Methodology, Bureau of the Census, U.S. Department of Commerce.

**Comparability of data.** Data obtained from the CPS and other sources are not entirely

standard errors. Use caution when comparing results from different sources.

A number of changes were made in data collection and estimation procedures beginning with the January 1994 CPS. The major change was the use of a new questionnaire. The questionnaire was redesigned to measure the official labor force concepts more precisely, to expand the amount of data available, to implement several definitional changes, and to adapt to a computer-assisted interviewing environment. The supplemental questions were also modified for adaptation to computer-assisted interviewing, although there were no changes in definitions and concepts. Due to these and other changes, one should use caution when comparing estimates from data collected in 1994 with estimates from earlier years.

Caution should also be used when comparing estimates obtained from this microdata file (which reflects 1990 census-based population controls) with estimates for 1993 and earlier years (which reflect 1980 census-based population controls). This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions. It did have a significant impact on levels. For example, use of 1990 based population controls results in about a 1-percent increase in the civilian noninstitutional

population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Since no independent population control totals for persons of Hispanic origin were used before 1985, compare Hispanic estimates over time cautiously.

Based on the results of each decennial census, the Bureau of the Census gradually introduces a new sample design for the CPS. During this phase-in period, CPS data are collected from sample designs based on different censuses. While most CPS estimates have been unaffected by this mixed sample, geographic estimates are subject to greater error and variability. Users should exercise caution when comparing estimates across years for metropolitan/nonmetropolitan categories.

**Note when using small estimates.** Because of the large standard errors involved, summary measures (such as medians and percent distributions) probably do not reveal useful information when computed on a base smaller than 75,000. Take care in the interpretation of small differences. For instance, even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

**Sampling variability.** Sampling variability is variation that occurred by chance because a sample was surveyed rather than the entire population. Standard errors, as calculated below, are primarily measures of sampling variability, but they may include some nonsampling error.

**Standard errors and their use.** A number of approximations are required to derive, at a moderate cost, standard errors applicable to estimates from this microdata file. Instead of providing an individual standard error for each estimate, two parameters,  $a$  and  $b$ , are provided to calculate standard errors for each type of characteristic. These parameters are in Tables B through I.

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 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. One common type of

hypothesis is that two population parameters are different. An example of this would be comparing the number of men who were part-time workers with the number of women who were part-time workers.

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, for example, 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.

For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, changes in consecutive quarterly or yearly averages, consecutive month-to-month changes in estimates, and consecutive year-to-year changes in monthly estimates; see "Explanatory Notes and Estimates of Error: Household Data" in the corresponding *Employment and Earnings* published by the Bureau of Labor Statistics.

**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:

$$s_x = \sqrt{ax^2 + bx} \quad (1)$$

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Tables B through J 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 6,000,000 unemployed men in the civilian labor force. Use the appropriate parameters from Table B and formula (1) to get

Number, $x$	6,000,000
a parameter	-0.000018
b parameter	2,957
Standard error	131,000
90% conf. int.	5,784,500 to 6,215,500

The standard error is calculated as

$$s_x = \sqrt{-0.000018 \times 6,000,000^2 + 2,957 \times 6,000,000} = 131,000$$

The 90-percent confidence interval is calculated as  $6,000,000 \pm 1.645 \times 131,000$ .

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 from both numerator and denominator, depends on both 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 one of the parameter tables (Tables B through J) indicated by the numerator.

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

$$s_{x,p} = \sqrt{(b/x)p(100 - p)} \quad (2)$$

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

#### Illustration - Voting and Registration

Suppose that of 15,391,000 people with an elementary school education, 35.1 percent reported voting. Use the appropriate parameter from Table C and formula (2) to get

Percentage, $p$	35.1
Base, $x$	15,391,000
$b$ parameter	3,274
Standard error	0.7
90% conf. int.	33.9 to 36.3

The standard error is calculated as

$$s_{x,p} = \sqrt{(3,274/15,391,000) \times 35.1 \times (100 - 35.1)} = 0.7$$

the 90-percent confidence interval of the percentage of people with an elementary school education who reported voting is calculated as  $35.1 \pm 1.645 \times 0.7$ .

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

$$s_{x-y} = \sqrt{s_x^2 + s_y^2} \quad (3)$$

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 6,285,000 employed men between 20-24 years of age, 1,516,000 or 24.1 percent were part-time workers, and of the 5,824,000 employed women between 20-24 years of age, 2,169,000 or 37.2 percent were part-time workers. Use the appropriate parameters from Table B and formulas (2) and (3) to get

	x	y	difference
Percentage, p	24.1	37.2	13.1
Number, x	6,285,000	5,824,000	-
b parameter	2,764	2,530	-
Standard error	0.9	1.0	1.3
90% conf. int.	22.6 to 25.6	35.6 to 38.8	11.0 to 15.2

The standard error of the difference is calculated as

$$s_{x-y} = \sqrt{0.9^2 + 1.0^2} = 1.3$$

The 90-percent confidence interval around the difference is calculated as  $13.1 \pm 1.645 \times 1.3$ . Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of part-time women workers between 20-24 years of age is greater than the percentage of part-time men workers between 20-24 years of age.

**Table B. Parameters for Computation of Standard Errors for Labor Force Characteristics November 1996**

Characteristic	a	b
Labor Force and Not In Labor Force Data Other than Agricultural Employment and Unemployment		
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
Not In Labor Force (use only for Total, Total Men, and White)	+0.000006	829
Agricultural Employment		
Total or White	+0.000782	3,049
Men	+0.000858	2,825
Women or		
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		
Both sexes, 16 to 19 years	+0.015736	1,703
Unemployment		
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. For Foreign Born parameters, multiply the appropriate parameters by 1.3.

Table C. Parameters for Computation of Standard Errors for Voting  
and Registration in November 1996: Total or White Persons<sup>1</sup>

Characteristic	a	b
Voting, registration, reasons for not voting or registering (includes breakdowns by:		
Citizenship, Household relationship, Family heads by presence of children, Marital status, Duration of residence, Tenure, Education level, Family income of persons, Occupation group)	-0.000017	3,274
Characteristics of all persons, Voting and nonvoting:		
Marital status	-0.000028	5,203
Education of persons	-0.000015	2,753
Education of family head	-0.000011	2,065
Persons by family income	-0.000026	4,901
Duration of residence tenure	-0.000028	5,203
Household relationships, Voting and nonvoting:		
Head, spouse of head	-0.000011	2,065
Nonrelative or other relative of head	-0.000028	5,203

<sup>1</sup>For Foreign Born parameters, multiply the appropriate parameter by 1.3.

**Table D. Parameters for Computation of Standard Errors for Voting  
and Registration in November 1996: Black Persons**

Characteristic	a	b
Voting, registration, reasons for not voting or registering (includes breakdowns by: Citizenship, Household relationship, Family heads by presence of children, Marital status, Duration of residence, Tenure, Education level, Family income of persons, Occupation group)	-0.000222	4,799
Characteristics of all persons, Voting and nonvoting: Marital status	-0.000346	7,474
Education of persons	-0.000173	3,729
Education of family head	-0.000087	1,868
Persons by family income	-0.000260	5,611
Duration of residence tenure	-0.000346	7,474
Household relationships, Voting and nonvoting: Head, spouse of head	-0.000087	1,868
Nonrelative or other relative of head	-0.000346	7,474

Table E. Parameters for Computation of Standard Errors for Voting  
and Registration in November 1996: Hispanic Persons

Characteristic	a	b
Voting, registration, reasons for not voting or registering (includes breakdowns by: Citizenship, Household relationship, Family heads by presence of children, Marital status, Duration of residence, Tenure, Education level, Family income of persons, Occupation group)	-0.000375	8,088
Characteristics of all persons, <u>Voting and nonvoting:</u>		
Marital status	-0.000583	12,596
Education of family head	-0.000140	3,108
Persons by family income	-0.000438	9,456
Duration of residence tenure	-0.000583	12,596
Household relationships, <u>Voting and nonvoting:</u> Head, spouse of head	-0.000146	3,148
Nonrelative or other relative of head	-0.000583	12,596

**Table F. Parameters for Computation of Standard Errors for Voting and Registration in November 1996: Asians or Pacific Islanders**

Characteristic	a	b
Voting, registration, reasons for not voting or registering (includes breakdowns by: Citizenship, Household relationship, Family heads by presence of children, Marital status, Duration of residence, Tenure, Education level, Family income of persons, Occupation group)	-0.000665	5,231
Characteristics of all persons, Voting and nonvoting: Marital status Education of persons Education of family head Persons by family income Duration of residence tenure	-0.001036 -0.000517 -0.000259 -0.000778 -0.001036	8,147 4,065 2,037 6,117 8,147
Household relationships, Voting and nonvoting: Head, spouse of head Nonrelative or other relative of head	-0.000259 -0.001036	2,037 8,147

**Table G. State Voting and Registration Parameters**

<b>State</b>	<b>a</b>	<b>b</b>
Alabama	-0.001029	3,307
Alaska	-0.001200	491
Arizona	-0.001058	3,176
Arkansas	-0.001042	1,932
California	-0.000181	4,223
Colorado	-0.001116	3,045
Connecticut	-0.001290	3,274
Delaware	-0.001341	720
Dist. of Col.	-0.001152	524
Florida	-0.000295	3,176
Georgia	-0.000874	4,584
Hawaii	-0.001331	1,146
Idaho	-0.001087	884
Illinois	-0.000369	3,274
Indiana	-0.001040	4,518
Iowa	-0.001096	2,325
Kansas	-0.001141	2,128
Kentucky	-0.001039	3,012
Louisiana	-0.000988	3,110
Maine	-0.001272	1,211
Maryland	-0.001184	4,518
Massachusetts	-0.000568	2,652
Michigan	-0.000426	3,045
Minnesota	-0.001079	3,634
Mississippi	-0.001071	2,095
Missouri	-0.001137	4,485
Montana	-0.001031	655
Nebraska	-0.001156	1,375
Nevada	-0.001327	1,441
New Hampshire	-0.001441	1,244
New Jersey	-0.000439	2,685
New Mexico	-0.001092	1,310
New York	-0.000207	2,914
North Carolina	-0.000577	3,078

**Table G. State Voting and Registration Parameters (cont'd)**

State	a	b
North Dakota	-0.001129	524
Ohio	-0.000397	3,339
Oklahoma	-0.000990	2,390
Oregon	-0.001197	2,816
Pennsylvania	-0.000338	3,143
Rhode Island	-0.001292	982
South Carolina	-0.001200	3,307
South Dakota	-0.001082	557
Tennessee	-0.001109	4,387
Texas	-0.000295	3,962
Utah	-0.001095	1,408
Vermont	-0.001333	589
Virginia	-0.000988	4,846
Washington	-0.001208	4,813
West Virginia	-0.000887	1,277
Wisconsin	-0.001062	4,027
Wyoming	-0.001136	393

Table H. Census Division Voting and Registration Parameters

Division	a	b
New England	-0.000198	2,020
Middle Atlantic	-0.000087	2,563
East North Central	-0.000097	3,162
West North Central	-0.000241	3,242
South Atlantic	-0.000096	3,371
East South Central	-0.000275	3,312
West South Central	-0.000172	3,582
Mountain	-0.000213	2,361
Pacific	-0.000125	3,865

Table I. Census Region Voting and Registration Parameters

Region	a	b
Northeast	-0.000061	2,423
Midwest	-0.000069	3,184
South	-0.000050	3,424
West	-0.000083	3,492
All Except South	-0.000024	3,037

## **ATTACHMENT 18**

### **USER NOTES**

This section will contain information relevant to the *Current Population Survey, November 1996, Voting and Registration Survey* 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.