# CURRENT POPULATION SURVEY, 2004: CELL PHONE SUPPLEMENT FILE

## TECHNICAL DOCUMENTATION
## CPS—04

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, Electronic Products Development Branch, U.S. Census Bureau, Washington, D.C. 20233. Phone: (301) 763-8004.

Questions about the **CD-ROM** should be directed to Marketing Services Office, Customer Services Center, U.S. Census Bureau, Washington, D.C. 20233. Phone: (301) 763-INFO (4636).

For questions regarding the 2004 Cell Phone supplement data, call Clyde Tucker, Bureau of Labor Statistics, Washington, D.C. 20210. Phone: (202) 691-7371.

For questions regarding procedures for gathering and processing the Cell Phone supplement, call the Demographic Surveys Division, Current Population Surveys Branch, U.S. Census Bureau, Washington, D.C. 20233. Phone: (301) 763-3806.

# ATTACHMENT 1

## ABSTRACT

*Current Population Survey, 2004: Cell Phone Supplement [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], 2005.*

### Type of File:

Microdata; unit of observation is households.

### Universe Description:

The universe consists of all households in the civilian noninstitutional population of the United States. The probability sample selected to represent the universe consists of approximately 56,000 households.

The Cell Phone Use Supplement universe included households where at least one person completed the labor force interview, the MIS was 2, 3, 5, 6, or 7, was not a replacement household and there was a phone in the household.

*Questionnaire Structure:*

- The structure of the questionnaire was a determination of landline phone use, then cell phone use, followed by approximating the amount of use given to each.
- The full universe of the supplement was asked the questions about landline use and cell phone use, but they only got the follow up question about approximate use of each if they had both a landline and a cellphone.
- The Supplement Universe was :
  (HRINTSTA = 1 AND
  HRMIS in 2, 3, 5, 6, 7 AND
  (HETELHHD not equal -2, -3 ) AND
  HUREPLCE not equal 1

### Subject-Matter Description:

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

The Cell Phone Use Supplement questions were asked of any person age 15 years and older in the household. Data are provided on the number of landline telephones and the number of working cell phones in the household .

### Geographic Coverage:

Geography data is provided to the State level.

## Technical Description:

**File Structure:** Rectangular.
**File Size:** 83,554 logical records; 909 character logical record length.
**File Sort Sequence:** The file is sorted by State (GESTFIPS) by household identification number by line number.

## Reference Materials:

*Current Population Survey, 2004: Cell Phone Use Supplement Technical Documentation.* Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

Bureau of the Census. *The Current Population Survey Design and Methodology* (Technical Paper 63RV) 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.

For information about the Current Population Survey and other Census Bureau data products, be sure to visit our online Question & Answer Center on the Census Bureau's home page at http://www.census.gov/ where you can search our knowledge base and submit questions.

## File Availability:

You can order the file on disc from the Customer Services Center at (301) 763-INFO (4636) or through our online sales catalog (click "Catalog" on the Census Bureau's home page).

# 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 57,000 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 a combination of sample households based on both 1990 and 2000 census information. The sample is undergoing a phase-in phase-out period, which began in April 2004 and ends in June 2005, whereupon new sample households are introduced and old sample households are retired each month. Until the transition period is complete in July 2005, the geographic descriptions below are based on the 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 72,000 housing units are assigned for interview each month, of which about 60,000 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 60,000 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 112,000 persons 15 years old and over, approximately 31,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

## Relationship of Current Population Survey Files to Publications

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

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

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

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

## Geographic Limitations

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

## Weights

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

1. **Noninterview adjustment**. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA". Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of occupied sample households not interviewed fluctuates around 5 percent depending on weather, vacations, etc.

2. **Ratio estimates**. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:

    a. *First-stage ratio estimate*. The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 2000 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, 2000. 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 2003, the projections were based on earlier censuses, and prior to January 1994, 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 2003" in the January 2003 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 |
|---|---|---|---|---|---|
| January 1993 Data (000's) | | | | | |
| Final Weights | 192,644 | 126,115 | 116,113 | 10,002 | 66,529 |
| Composited (Not Seasonally Adjusted) | 192,644 | 126,034 | 116,123 | 9,911 | 66,610 |
| Composited (Seasonally Adjusted) | 192,644 | 127,083 | 118,071 | 9,013 | 65,561 |
| July 1993 Data (000's) | | | | | |
| Final Weights | 193,633 | 130,399 | 121,450 | 8,949 | 63,234 |
| Composited (Not Seasonally Adjusted) | 193,633 | 130,324 | 121,323 | 9,002 | 63,309 |
| Composited (Seasonally Adjusted) | 193,633 | 128,070 | 119,301 | 8,769 | 65,563 |

**ATTACHMENT 3**

OVERVIEW

# Overview: 2004 Cell Phone Use Survey

## General

The Cell Phone Use Survey was conducted in 2004 as a supplement to the Current Population Survey (CPS). The CPS is a national monthly labor force survey. Attachment 6 is a copy of the labor force questions asked each month as part of the basic CPS questions. Attachment 8 is a copy of the Cell Phone Use questionnaire asked in eligible CPS households.

Attachment 2 comprises a description of the CPS entitled "Overview–Current Population Survey." A description of the Cell Phone Use Supplement is provided here in Attachment 3.

## Data Collection

The Cell Phone Use Supplement contained household level questions. The questions regarded the number of landline phones and the number of working cell phones in the household. The respondent was at least 15 years old and gave responses for all members of the household. Interviewers were provided with a two-hour home study with the basic CPS labor force exercises, supplement exercises, and a practice interview concerning the supplement.

## Data Processing

The data processing involved a consistency edit to check for the correct skip pattern.

The values and universes for each variable are defined in the supplement record layout (Attachment 7).

## 2004 Cell Phone Use File

The Cell Phone Use File consists of two parts: the CPS labor force data and the supplement data

**CPS Labor Force Data.** The 2004 Cell Phone CPS file contains 83,554 records. The first 876 characters contain the labor force data for each record. Attachment 6 contains the CPS Basic Items record layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.

**2004 Cell Phone Use Supplement Data.** The Cell Phone Use supplement data are in locations 877-909. (See Attachment 7.)

**Tallying the 2004 Cell Phone Use Supplement File.** The Cell Phone Use supplement universe included households where at least one person completed the labor force interview, MIS rotations were 2, 3, 5, 6, 7, not a replacement household and there was a phone in the household.

*Questionnaire Structure:*

- The structure of the questionnaire was a determination of landline phone use, then cell phone use, followed by approximating the amount of use given to each.
- The full universe of the supplement was asked the questions about landline use and cell phone use, but they only got the follow up question about approximate use of each if they had both a landline and a cellphone.
- The Supplement Universe was :
  (HRINTSTA = 1 AND
  HRMIS in 2, 3, 5, 6, 7 AND
  (HETELHHD not equal -2, -3 ) AND
  HUREPLCE not equal 1

**Weighting.** Use the supplement weight (HWSUPWGT in location 900-909) for tallying records on the file.

**Unweighted Counts.** Attachment 11 is a tally listing of unweighted counts from selected supplement items. Use these totals to ensure that the file is being accessed properly

**Data Contact.** For questions regarding the 2004 Cell Phone supplement data, call Clyde Tucker at the Bureau of Labor Statistics on 202-691-7371. For questions regarding procedures for gathering and processing the Cell Phone supplement, call the Current Population Survey at the Census Bureau on 301-763-3806.

# 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/Non-Hispanic Origin**-A person's Hispanic/Non-Hispanic status in this file is determined on the basis of a question that simply ask "(Is/Are) (Name/you) 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 16 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

## CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

## CELL PHONE USE SUPPLEMENT PUBLIC USE FILE

## A1. HOUSEHOLD INFORMATION

**********
* Based on JANUARY 2003 Basic *
**********

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) can also be blank. This means that the record was not in universe for that item.

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HRHHID | 15 | HOUSEHOLD IDENTIFIER<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE | 1 - 15 |
| FILLER | 2 | | 16 - 17 |
| HRYEAR4 | 4 | YEAR OF INTERVIEW<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1998 MIN VALUE<br>2999 MAX VALUE | 18 - 21 |

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

**********
* **Note: For variables HUINTTYP** *
* **and HUPRSCNT, go to** *
* **positions 65-68** *
**********

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

VALID ENTRIES

0 MIN VALUE
99 MAX VALUE

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

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

VALID ENTRIES

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 226 VACANT REGULAR<br>227 VACANT - STORAGE OF HHLD FURNITURE<br>228 UNFIT, TO BE DEMOLISHED<br>229 UNDER CONSTRUCTION, NOT READY<br>230 CONVERTED TO TEMP BUSINESS OR STORAGE<br>231 UNOCCUPIED TENT OR TRAILER SITE<br>232 PERMIT GRANTED - CONSTRUCTION NOT STARTED<br>233 OTHER - SPECIFY<br>240 DEMOLISHED<br>241 HOUSE OR TRAILER MOVED<br>242 OUTSIDE SEGMENT<br>243 CONVERTED TO PERM. BUSINESS OR STORAGE<br>244 MERGED<br>245 CONDEMNED<br>246 BUILT AFTER APRIL 1, 1980<br>247 UNUSED SERIAL NO./LISTING SHEET LINE<br>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?<br><br><u>VALID ENTRIES</u><br><br>1 SPANISH ONLY LANGUAGE SPOKEN | 27 - 28 |
| HETENURE | 2 | ARE YOUR LIVING QUARTERS...<br>(READ ANSWER CATEGORIES)<br><br>EDITED UNIVERSE:<br>HRINTSTA = 1 OR HUTYPB = 1-3<br><br><u>VALID ENTRIES</u><br><br>1 OWNED OR BEING BOUGHT BY A HH MEMBER<br>2 RENTED FOR CASH<br>3 OCCUPIED WITHOUT PAYMENT OF CASH RENT | 29 - 30 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HEHOUSUT | 2 | TYPE OF HOUSING UNIT | 31 - 32 |

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

0 OTHER UNIT
1 HOUSE, APARTMENT, FLAT
2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.
3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL
4 HU IN ROOMING HOUSE
5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED
6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED
7 HU NOT SPECIFIED ABOVE
8 QUARTERS NOT HU IN ROOMING OR BRDING HS
9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL
10 UNOCCUPIED TENT SITE OR TRLR SITE
11 STUDENT QUARTERS IN COLLEGE DORM
12 OTHER UNIT NOT SPECIFIED ABOVE

| | | | |
|---|---|---|---|
| HETELHHD | 2 | IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT? | 33 - 34 |

EDITED UNIVERSE:
HRINTSTA = 1

VALID ENTRIES

1 YES
2 NO

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HETELAVL | 2 | IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED?<br><br>EDITED UNIVERSE:<br>HETELHHD = 2<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 35 - 36 |
| HEPHONEO | 2 | IS A TELEPHONE INTERVIEW ACCEPTABLE?<br><br>EDITED UNIVERSE:<br>HETELHHD = 1 OR HETELAVL = 1<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 37 - 38 |
| HUFAMINC | 2 | FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.)<br><br>VALID ENTRIES<br><br>1 LESS THAN $5,000<br>2 5,000 TO 7,499<br>3 7,500 TO 9,999<br>4 10,000 TO 12,499<br>5 12,500 TO 14,999<br>6 15,000 TO 19,999<br>7 20,000 TO 24,999<br>8 25,000 TO 29,999<br>9 30,000 TO 34,999 | 39 - 40 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 10 35,000 TO 39,999<br>11 40,000 TO 49,999<br>12 50,000 TO 59,999<br>13 60,000 TO 74,999<br>14 75,000 OR MORE | |
| FILLER | 16 | | 41 - 56 |
| HRINTSTA | 2 | INTERVIEW STATUS<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1 INTERVIEW<br>2 TYPE A NON-INTERVIEW<br>3 TYPE B NON-INTERVIEW<br>4 TYPE C NON-INTERVIEW | 57 - 58 |
| HRNUMHOU | 2 | TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>16 MAX VALUE | 59 - 60 |
| HRHTYPE | 2 | HOUSEHOLD TYPE<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 NON-INTERVIEW HOUSEHOLD<br>1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF)<br>2 HUSB/WIFE PRIM. FAMILY (EITHER/ BOTH AF)<br>3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER | 61 - 62 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER | |
| | | 5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR. | |
| | | 6 CIVILIAN MALE PRIMARY INDIVIDUAL | |
| | | 7 CIVILIAN FEMALE PRIMARY INDIVIDUAL | |
| | | 8 PRIMARY INDIVIDUAL HHLD-RP IN AF | |
| | | 9 GROUP QUARTERS WITH FAMILY | |
| | | 10 GROUP QUARTERS WITHOUT FAMILY | |
| FILLER | 2 | | 63 - 64 |
| HUINTTYP | 2 | TYPE OF INTERVIEW | 65 - 66 |
| | | VALID ENTRIES | |
| | | 0 NONINTERVIEW/INDETERMINATE | |
| | | 1 PERSONAL | |
| | | 2 TELEPHONE | |
| HUPRSCNT | 2 | NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS | 67 - 68 |
| | | VALID ENTRIES | |
| | | 1 MIN VALUE | |
| | | 9 MAX VALUE | |

**********
* **Note: For Variable** *
* **HRYEAR, go to location 18-21.** *
**********

| | | | |
|---|---|---|---|
| HRLONGLK | 2 | LONGITUDINAL LINK INDICATOR | 69 - 70 |
| | | EDITED UNIVERSE: ALL HHLDs IN SAMPLE | |
| | | VALID ENTRIES | |
| | | 0 MIS 1 OR REPLACEMENT HH (NO LINK) | |
| | | 2 MIS 2-4 OR MIS 6-8 | |
| | | 3 MIS 5 | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HRSAMPLE | 4 | SAMPLE IDENTIFIER<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE<br><br>VALID ENTRIES<br><br>1ST DIGIT - A-Z<br>DIGITS 2-4 - 000-999 | 71 - 74 |
| HRSERSUF | 2 | SERIAL SUFFIX IDENTIFIES EXTRA UNITS<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE<br><br>VALID ENTRIES<br><br>A-Z | 75 - 76 |
| HUHHNUM | 2 | HOUSEHOLD NUMBER<br><br>THE INITIAL HOUSEHOLD RECEIVES A VALUE OF 1, AND SUBSEQUENT REPLACEMENT HOUSEHOLDS INCREASE THE VALUE BY 1.<br><br>VALID ENTRIES<br><br>1 MIN VALUE<br>8 MAX VALUE | 77 - 78 |
| HUBUS | 2 | DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 79 - 80 |
| HUBUSL1 | 2 | ENTER LINE NUMBER FOR HUBUS = 1<br><br>VALID ENTRIES<br><br>1 MIN VALUE<br>99 MAX VALUE | 81 - 82 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HUBUSL2 | 2 | See BUSL1 | 83 - 84 |
| | | VALID ENTRIES | |
| | | 1 MIN VALUE<br>99 MAX VALUE | |
| HUBUSL3 | 2 | See BUSL1 | 85 - 86 |
| | | VALID ENTRIES | |
| | | 1 MIN VALUE<br>99 MAX VALUE | |
| HUBUSL4 | 2 | See BUSL1 | 87 - 88 |
| | | VALID ENTRIES | |
| | | 1 MIN VALUE<br>99 MAX VALUE | |

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

## A2. GEOGRAPHIC INFORMATION

| | | | |
|---|---|---|---|
| GEREG | 2 | REGION | 89 - 90 |

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

| | |
|---|---|
| 1 | NORTHEAST |
| 2 | MIDWEST (FORMERLY NORTH CENTRAL) |
| 3 | SOUTH |
| 4 | 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 | | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| GESTFIPS | 2 | FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE<br><br><u>VALID ENTRIES</u> | 93 - 94 |
| FILLER | 21 | | 95 - 115 |

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

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

## A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

| | | | |
|---|---|---|---|
| PUPELIG | 2 | INTERVIEW STATUS OF EACH PERSON IN THE HOUSEHOLD | 116 - 117 |

VALID ENTRIES

1 ELIGIBLE FOR INTERVIEW
2 LABOR FORCE FULLY COMPLETE
3 MISSING LABOR FORCE DATA FOR PERSON
4 (NOT USED)
5 ASSIGNED IF AGE IS BLANK
6 ARMED FORCES MEMBER
7 UNDER 15 YEARS OLD
8 NOT A HH MEMBER
9 DELETED
10 DECEASED
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.

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | SEE LOCATION 114 - 115 FOR THE COLLAPSED VERSION | |
| PEPARENT | 2 | LINE NUMBER OF PARENT | 120 - 121 |
| | | EDITED UNIVERSE:<br>EVERY PERSON | |
| | | VALID ENTRIES | |
| | | -1 NO PARENT<br>01 MIN VALUE<br>99 MAX VALUE | |
| PEAGE | 2 | PERSONS AGE AS OF THE END OF SURVEY WEEK | 122 - 123 |
| | | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3 | |
| | | VALID ENTRIES | |
| | | 0 MIN VALUE<br>90 MAX VALUE | |
| PTAGE | 1 | TOP CODE FLAG FOR AGE | 124 - 124 |
| | | VALID ENTRIES | |
| | | 0 NO TOP CODE<br>1 TOP CODED VALUE FOR AGE | |

**********
* BEGINS IN APRIL 1996 *
**********

| | | | |
|---|---|---|---|
| PEMARITL | 2 | MARITAL STATUS | 125 - 126 |
| | | EDITED UNIVERSE:<br>PEAGE >= 15 | |
| | | VALID ENTRIES | |
| | | 1 MARRIED - SPOUSE PRESENT<br>2 MARRIED - SPOUSE ABSENT<br>3 WIDOWED<br>4 DIVORCED<br>5 SEPARATED<br>6 NEVER MARRIED | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PESPOUSE | 2 | LINE NUMBER OF SPOUSE<br><br>EDITED UNIVERSE:<br>PEMARITL = 1<br><br><u>VALID ENTRIES</u><br><br>-1 NO SPOUSE<br>01 MIN VALUE<br>99 MAX VALUE | 127 - 128 |
| PESEX | 2 | SEX<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3<br><br><u>VALID ENTRIES</u><br><br>1 MALE<br>2 FEMALE | 129 - 130 |
| PUAFEVER | 2 | DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 131 - 132 |
| PEAFWHEN | 2 | WHEN DID YOU SERVE?<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2<br><br><u>VALID ENTRIES</u><br><br>1 VIETNAM ERA (8/64-4/75)<br>2 KOREAN WAR (6/50-1/55)<br>3 WORLD WAR II (9/40-7/47)<br>4 WORLD WAR I (4/17-11/18)<br>5 OTHER SERVICE (ALL OTHER PERIODS)<br>6 NONVETERAN | 133 - 134 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PEAFNOW | 2 | ARE YOU NOW IN THE ARMED FORCES | 135 - 136 |

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

VALID ENTRIES

1 YES
2 NO

| | | | |
|---|---|---|---|
| PEEDUCA | 2 | HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED | 137 - 138 |

EDITED UNIVERSE:
PRPERTYP = 2 0R 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 |
|---|---|---|---|
| PRDTRACE | 2 | RACE | 139 - 140 |

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

01 White Only
02 Black Only
03 American Indian, Alaskan Native Only
04 Asian Only
05 Hawaiian/Pacific Islander Only
06 White-Black
07 White-AI
08 White-Asian
09 White-Hawaiian
10 Black-AI
11 Black-Asian
12 Black-HP
13 AI-Asian
14 Asian-HP
15 W-B-AI
16 W-B-A
17 W-AI-A
18 W-A-HP
19 W-B-AI-A
20 2 or 3 Races
21 4 or 5 Races

| | | | |
|---|---|---|---|
| PRDTHSP | 2 | DETAILED HISPANIC ORIGIN GROUP | 141 - 142 |

EDITED UNIVERSE:
PEHSPNON = 1

VALID ENTRIES

1 Mexican
2 Puerto Rican
3 Cuban
4 Central/South American
5 Other Spanish

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUCHINHH | 2 | CHANGE IN HOUSEHOLD COMPOSITION | 143 - 144 |

VALID ENTRIES

1 PERSON ADDED
2 PERSON ADDED - URE
3 PERSON UNDELETED
4 PERSON DIED
5 DELETED FOR REASON OTHER THAN DEATH
6 PERSON JOINED ARMED FORCES
7 PERSON NO LONGER IN AF
9 CHANGE IN DEMOGRAPHIC INFORMATION

| | | | |
|---|---|---|---|
| FILLER | 2 | | 145 - 146 |

VALID ENTRIES

0 NOT OWNER OR RELATED TO OWNER
1 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

| | | | |
|---|---|---|---|
| FILLER | 2 | | 149 - 150 |
| PRFAMNUM | 2 | FAMILY NUMBER RECODE | 151 - 152 |

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 10 SUBFAMILY NO. 10 MEMBER<br>11 SUBFAMILY NO. 11 MEMBER<br>12 SUBFAMILY NO. 12 MEMBER<br>13 SUBFAMILY NO. 13 MEMBER<br>14 SUBFAMILY NO. 14 MEMBER<br>15 SUBFAMILY NO. 15 MEMBER<br>16 SUBFAMILY NO. 16 MEMBER<br>17 SUBFAMILY NO. 17 MEMBER<br>18 SUBFAMILY NO. 18 MEMBER<br>19 SUBFAMILY NO. 19 MEMBER | |
| PRFAMREL | 2 | FAMILY RELATIONSHIP RECODE<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3<br><br><u>VALID ENTRIES</u><br><br>0 NOT A FAMILY MEMBER<br>1 REFERENCE PERSON<br>2 SPOUSE<br>3 CHILD<br>4 OTHER RELATIVE (PRIMARY FAMILY & UNREL) | 153 - 154 |
| PRFAMTYP | 2 | FAMILY TYPE RECODE<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3<br><br><u>VALID ENTRIES</u><br><br>1 PRIMARY FAMILY<br>2 PRIMARY INDIVIDUAL<br>3 RELATED SUBFAMILY<br>4 UNRELATED SUBFAMILY<br>5 SECONDARY INDIVIDUAL | 155 - 156 |
| PEHSPNON | 2 | HISPANIC OR NON-HISPANIC<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3<br><br><u>VALID ENTRIES</u><br><br>1 HISPANIC<br>2 NON-HIPSANIC | 157 - 158 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRMARSTA | 2 | MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION | 159 - 160 |

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

VALID ENTRIES

1 MARRIED, CIVILIAN SPOUSE PRESENT
2 MARRIED, ARMED FORCES SPOUSE PRESENT
3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED)
4 WIDOWED
5 DIVORCED
6 SEPARATED
7 NEVER MARRIED

| | | | |
|---|---|---|---|
| PRPERTYP | 2 | TYPE OF PERSON RECORD RECODE | 161 - 162 |

EDITED UNIVERSE:
ALL HOUSEHOLD MEMBERS

VALID ENTRIES

1 CHILD HOUSEHOLD MEMBER
2 ADULT CIVILIAN HOUSEHOLD MEMBER
3 ADULT ARMED FORCES HOUSEHOLD MEMBER

| | | | |
|---|---|---|---|
| PENATVTY | 3 | COUNTRY OF BIRTH | 163 - 165 |

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

057 UNITED STATES
072 PUERTO RICO
096 U.S. OUTLYING AREA
100-554 FOREIGN COUNTRY OR AT SEA
555 ABROAD, COUNTRY NOT KNOWN

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PEMNTVTY | 3 | MOTHER'S COUNTRY OF BIRTH | 166 - 168 |

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

057 UNITED STATES
072 PUERTO RICO
096 U.S. OUTLYING AREA
100-554 FOREIGN COUNTRY OR AT SEA
555 ABROAD, COUNTRY NOT KNOWN

| | | | |
|---|---|---|---|
| PEFNTVTY | 3 | FATHER'S COUNTRY OF BIRTH | 169 - 171 |

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

057 UNITED STATES
072 PUERTO RICO
096 U.S. OUTLYING AREA
100-554 FOREIGN COUNTRY OR AT SEA
555 ABROAD, COUNTRY NOT KNOWN

| | | | |
|---|---|---|---|
| PRCITSHP | 2 | CITIZENSHIP STATUS | 172 - 173 |

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

1 NATIVE, BORN IN THE UNITED STATES
2 NATIVE, BORN IN PUERTO RICO OR U.S. OUTLYING AREA
3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS
4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION
5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRCITFLG | 2 | CITIZENSHIP ALLOCATION FLAG<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, 0R 3<br><br>(SEE ATTACHMENT 13 FOR VALUES OF ALLOCATION FLAGS)<br>Placed in this position because naming convention is different from all other allocation flags. | 174 - 175 |
| PRINUSYR | 2 | IMMIGRANT'S YEAR OF ENTRY<br><br>EDITED UNIVERSE:<br>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 | 1992-1993 |
| 14 | 1994-1995 |
| 15 | 1996-1997 |
| 16 | 1998-1999 |
| 17 | 2000-2003 |

**********
* STARTING JANUARY 2004 *
**********

| | |
|---|---|
| 17 | 2000-2001 |
| 18 | 2002-2004 |

**********
* STARTING JANUARY 2005 *
**********

| | |
|---|---|
| 18 | 2002-2005 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| ********** | | | |
| * STARTING JANUARY 2006 * | | | |
| ********** | | | |
| | 18 | 2002-2003 | |
| | 19 | 2004-2006 | |
| ********** | | | |
| * STARTING JANUARY 2007 * | | | |
| ********** | | | |
| | 19 | 2004-2007 | |

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

## A4. PERSONS INFORMATION LABOR FORCE ITEMS

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

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUDIS2 | 2 | DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 204 - 205 |
| PUABSOT | 2 | LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO<br>3 RETIRED<br>4 DISABLED<br>5 UNABLE TO WORK | 206 - 207 |
| PULAY | 2 | LAST WEEK, WERE YOU ON LAYOFF FROM A JOB?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO<br>3 RETIRED<br>4 DISABLED<br>5 UNABLE TO WORK | 208 - 209 |
| PEABSRSN | 2 | WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK?<br><br>EDITED UNIVERSE:<br>PEMLR = 2<br><br>VALID ENTRIES<br><br>1 ON LAYOFF<br>2 SLACK WORK/BUSINESS CONDITIONS<br>3 WAITING FOR A NEW JOB TO BEGIN<br>4 VACATION/PERSONAL DAYS<br>5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS<br>6 CHILD CARE PROBLEMS<br>7 OTHER FAMILY/PERSONAL OBLIGATION | 210 - 211 |

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

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PEHRRSN2 | 2 | WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?<br><br>EDITED UNIVERSE:<br>PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35)<br><br>VALID ENTRIES<br><br>1 CHILD CARE PROBLEMS<br>2 OTHER FAMILY/PERSONAL OBLIGATIONS<br>3 HEALTH/MEDICAL LIMITATIONS<br>4 SCHOOL/TRAINING<br>5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS<br>6 FULL-TIME WORKWEEK LESS THAN 35 HOURS<br>7 OTHER - SPECIFY | 231 - 232 |
| PEHRRSN3 | 2 | WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK?<br><br>EDITED UNIVERSE:<br>PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2<br>(PEMLR = 1 AND PEHRUSLT = 35+)<br><br>VALID ENTRIES<br><br>1 SLACK WORK/BUSINESS CONDITIONS<br>2 SEASONAL WORK<br>3 JOB STARTED OR ENDED DURING WEEK<br>4 VACATION/PERSONAL DAY<br>5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT<br>6 HOLIDAY (LEGAL OR RELIGIOUS)<br>7 CHILD CARE PROBLEMS<br>8 OTHER FAMILY/PERSONAL OBLIGATIONS<br>9 LABOR DISPUTE<br>10 WEATHER AFFECTED JOB<br>11 SCHOOL/TRAINING<br>12 CIVIC/MILITARY DUTY<br>13 OTHER REASON | 233 - 234 |

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PEHRACT2 | 2 | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS)<br><br>EDITED UNIVERSE:<br>PEMLR = 1 AND PEMJOT = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>99 MAX VALUE | 245 - 246 |
| PEHRACTT | 3 | SUM OF PEHRACT1 AND PEHRACT2.<br><br>EDITED UNIVERSE:<br>PEMLR = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>198 MAX VALUE | 247 - 249 |
| PEHRAVL | 2 | LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?<br><br>EDITED UNIVERSE:<br>PEHRACTT = 1-34 (PEMLR = 1 AND PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3)<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 250 - 251 |
| FILLER | 5 | | 252 - 256 |
| PUHRCK1 | 2 | CHECK ITEM 1<br><br><u>VALID ENTRIES</u><br><br>1 GOTO PUHRUSL2<br>2 GOTO PUHRUSLT | 257 - 258 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUHRCK2 | 2 | CHECK ITEM 2<br>SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES<br><br><u>VALID ENTRIES</u><br><br>1 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<br>2 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<br>3 IF ENTRY OF 2, D OR R IN MJ AND ENTRY OF D, R OR V IN HRUSL1 GOTO HRFTPT<br>4 IF ENTRY OF 1 IN BUS1 AND ENTRY OF D, R OR V IN HRUSL1 THEN GOTO HRFTPT<br>5 ALL OTHERS GOTO HRCK3-C | 259 - 260 |
| PUHRCK3 | 2 | CHECK ITEM 3<br><br><u>VALID ENTRIES</u><br><br>1 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<br>2 IF ENTRY OF 3 IN RET1 GOTO HRCK8<br>3 IF ENTRY IN HRUSLT IS 0-34 HOURS GO TO HRCK4-C<br>4 IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1<br>5 ALL OTHERS GOTO HRCK4-C<br>6 GOTO PUHRCK4 | 261 - 262 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUHRCK4 | 2 | CHECK ITEM 4 | 263 - 264 |

VALID ENTRIES

1 IF ENTRY OF 1, D, R OR V IN HRFTPT THEN GOTO HRACT1
2 IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1
3 IF HRUSLT IS 0-34 THEN GOTO HRWANT
4 IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT
5 ALL OTHERS GOTO HRACT1

| PUHRCK5 | 2 | CHECK ITEM 5 | 265 - 266 |
|---|---|---|---|

VALID ENTRIES

1 IF ENTRY OF 1 IN MJOT GOTO HRACT2
2 ALL OTHERS GOTO HRCK6-C

| PUHRCK6 | 2 | CHECK ITEM 6 | 267 - 268 |
|---|---|---|---|

VALID ENTRIES

1 IF HRACT1 AND HRACT2 EQ 0 AND ENTRY OF 2, D, R IN BUS2 THEN GOTO LK
2 IF HRACT1 AND HRACT2 EQ 0 THEN STORE 1 IN ABSOT AND GOTO ABSRSN
3 ALL OTHERS GOTO HRACTT-C

| PUHRCK7 | 2 | CHECK ITEM 7 | 269 - 270 |
|---|---|---|---|

VALID ENTRIES

1 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 LESS THAN 15 OR D) GOTO HRCK8
2 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 IS 15+) GOTO HRCK8
3 (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
4 IF ENTRY OF 1 IN HRWANT AND HRACTT < 35 AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL
5 ALL OTHERS GOTO HRCK8

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUHRCK12 | 2 | CHECK ITEM 12<br><br>VALID ENTRIES<br><br>1 IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK<br>2 ALL OTHERS GOTO IOCK1 | 271 - 272 |
| PULAYDT | 2 | HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 273 - 274 |
| PULAY6M | 2 | HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 275 - 276 |
| PELAYAVL | 2 | COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED?<br><br>EDITED UNIVERSE:<br>PEMLR = 3<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 277 - 278 |
| PULAYAVR | 2 | WHY IS THAT?<br><br>VALID ENTRIES<br><br>1 OWN TEMPORARY ILLNESS<br>2 GOING TO SCHOOL<br>3 OTHER | 279 - 280 |

| 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.<br><br>EDITED UNIVERSE:<br>PELAYAVL= 1, 2<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 281 - 282 |
| PELAYDUR | 3 | DURATION OF LAYOFF<br><br>EDITED UNIVERSE:<br>PELAYLK = 1, 2<br><br><u>VALID ENTRIES</u><br><br>1 MIN VALUE<br>260 MAX VALUE | 283 - 285 |
| PELAYFTO | 2 | FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM<br><br>EDITED UNIVERSE:<br>PELAYDUR = 0-120<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 286 - 287 |
| PULAYCK1 | 2 | CHECK ITEM 1<br><br><u>VALID ENTRIES</u><br><br>1 GOTO PULAYCK3<br>2 GOTO PULAYFT<br>3 GOTO PULAYDR | 288 - 289 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PULAYCK2 | 2 | CHECK ITEM 2<br>SCREEN FOR DEPENDENT LAYOFF<br><br>VALID ENTRIES<br><br>1 GOTO PULAYDR3<br>2 GOTO PULAYFT | 290 - 291 |
| PULAYCK3 | 2 | CHECK ITEM 3<br>FILTER FOR DEPENDENT I & O<br><br>VALID ENTRIES<br><br>1 MISCK = 5 GOTO IO1INT<br>2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT<br>3 ALL OTHERS GOTO SCHCK | 292 - 293 |
| PULK | 2 | HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO<br>3 RETIRED<br>4 DISABLED<br>5 UNABLE TO WORK | 294 - 295 |
| PELKM1 | 2 | WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD)<br><br>EDITED UNIVERSE:<br>PEMLR = 4<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY /INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES | 296 - 297 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL\ REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>12 NOTHING<br>13 OTHER PASSIVE | |
| PULKM2 | 2 | ANYTHING ELSE? (SECOND METHOD)<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMEN AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EM CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | 298 - 299 |
| PULKM3 | 2 | SAME AS PULKM2 (THIRD METHOD)<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY | 300 - 301 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | |
| PULKM4 | 2 | SAME AS PULKM2 (FOURTH METHOD)<br><br><u>VALID ENTRIES</u><br><br>1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | 302 - 303 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PULKM5 | 2 | SAME AS PULKM2 (FIFTH METHOD) | 304 - 305 |

VALID ENTRIES

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

| | | | |
|---|---|---|---|
| PULKM6 | 2 | SAME AS PULKM2 (SIXTH METHOD) | 306 - 307 |

VALID ENTRIES

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

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

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES CENTER
6 SENT OUT RESUMES/FILLED OUT APPLICATION
7 CHECKED UNION/PROFESSIONAL REGISTERS
8 PLACED OR ANSWERED ADS
9 OTHER ACTIVE
10 LOOKED AT ADS
11 ATTENDED JOB TRAINING PROGRAM COURSES
12 NOTHING
13 OTHER PASSIVE

| | | | |
|---|---|---|---|
| PULKDK2 | 2 | ANYTHING ELSE? (SECOND METHOD) | 310 - 311 |

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES
5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
APPLICATION
7 CHECKED UNION/PROFESSIONAL REGISTERS

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | |
| PULKDK3 | 2 | SAME AS PULKDK2 (THIRD METHOD)<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW AGENCY<br>3 CONTACTED PRIVATE EMPLOYME AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | 312 - 313 |
| PULKDK4 | 2 | SAME AS PULKDK2 (FOURTH METHOD)<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION | 314 - 315 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | |
| PULKDK5 | 2 | SAME AS PULKDK2 (FIFTH METHOD)<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EM CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/ COURSES<br>13 OTHER PASSIVE | 316 - 317 |
| PULKDK6 | 2 | SAME AS PULKDK2 (SIXTH METHOD)<br><br>VALID ENTRIES<br><br>1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER | 318 - 319 |

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PULKPS4 | 2 | SAME AS PULKPS2 (FOURTH METHOD) | 326 - 327 |

VALID ENTRIES

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

| | | | |
|---|---|---|---|
| PULKPS5 | 2 | SAME AS PULKPS2 (FIFTH METHOD) | 328 - 329 |

VALID ENTRIES

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

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

VALID ENTRIES

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

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

EDITED UNIVERSE:
PELKM1 = 1 - 13

VALID ENTRIES

1 YES
2 NO

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

VALID ENTRIES

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PELKLL1O | 2 | BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE?<br><br>EDITED UNIVERSE:<br>PELKAVL = 1-2<br><br><u>VALID ENTRIES</u><br><br>1 WORKING<br>2 SCHOOL<br>3 LEFT MILITARY SERVICE<br>4 SOMETHING ELSE | 336 - 337 |
| PELKLL2O | 2 | DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED?<br><br>EDITED UNIVERSE:<br>PELKLL1O = 1 OR 3<br><br><u>VALID ENTRIES</u><br><br>1 LOST JOB<br>2 QUIT JOB<br>3 TEMPORARY JOB ENDED | 338 - 339 |
| PELKLWO | 2 | WHEN LAST WORKED<br><br>EDITED UNIVERSE:<br>PELKLL1O = 1 - 4<br><br><u>VALID ENTRIES</u><br><br>1 WITHIN THE LAST 12 MONTHS<br>2 MORE THAN 12 MONTHS AGO<br>3 NEVER WORKED | 340 - 341 |
| PELKDUR | 3 | DURATION OF JOB SEEKING<br><br>EDITED UNIVERSE:<br>PELKLWO = 1 - 3<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>999 MAX VALUE | 342 - 344 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PELKFTO | 2 | FT/PT STATUS OF JOBSEEKER<br><br>EDITED UNIVERSE:<br>PELKDUR = 0-120<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO<br>3 DOESN'T MATTER | 345 - 346 |
| PEDWWNTO | 2 | DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME?<br><br>EDITED UNIVERSE:<br>PUDWCK1 = 3, 4, -1<br><br>VALID ENTRIES<br><br>1 YES, OR MAYBE, IT DEPENDS<br>2 NO<br>3 RETIRED<br>4 DISABLED<br>5 UNABLE | 347 - 348 |
| PEDWRSN | 2 | WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS?<br><br>EDITED UNIVERSE:<br>PUDWCK4 = 4, -1<br><br>VALID ENTRIES<br><br>1 BELIEVES NO WORK AVAILABLE IN AREA OF EXPERTISE<br>2 COULDN'T FIND ANY WORK<br>3 LACKS NECESSARY SCHOOLING/TRAINING<br>4 EMPLOYERS THINK TOO YOUNG OR TOO OLD<br>5 OTHER TYPES OF DISCRIMINATION<br>6 CAN'T ARRANGE CHILD CARE<br>7 FAMILY RESPONSIBILITIES<br>8 IN SCHOOL OR OTHER TRAINING<br>9 ILL-HEALTH, PHYSICAL DISABILITY<br>10 TRANSPORTATION PROBLEMS<br>11 OTHER - SPECIFY | 349 - 350 |

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUDWCK3 | 2 | FILTER FOR RETIRED | 367 - 368 |
| | | VALID ENTRIES | |
| | | 1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4 | |
| | | 2 ALL OTHERS GOTO PUNLFCK2 | |
| PUDWCK4 | 2 | FILTER FOR PASSIVE JOB SEEKERS | 369 - 370 |
| | | VALID ENTRIES | |
| | | 1 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKM1-LKM3 GOTO PUDWCK5 | |
| | | 2 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKDK1-LKDK3 GOTO PUDWCK5 | |
| | | 3 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKPS1-LKPS3 GOTO PUDWCK5 | |
| | | 4 ALL OTHERS GOTO PUDWRSN | |
| PUDWCK5 | 2 | FILTER FOR PASSIVE JOB SEEKERS | 371 - 372 |
| | | VALID ENTRIES | |
| | | 1 IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK | |
| | | 2 ALL OTHERS GOTO PUDWLK | |
| FILLER | 12 | | 373 - 384 |
| PRABSREA | 2 | REASON NOT AT WORK AND PAY STATUS | 385 - 386 |
| | | EDITED UNIVERSE: PEMLR = 2 | |
| | | VALID ENTRIES | |
| | | 1 FT PAID-VACATION | |
| | | 2 FT PAID-OWN ILLNESS | |
| | | 3 FT PAID-CHILD CARE PROBLEMS | |
| | | 4 FT PAID-OTHER FAMILY/PERSONAL OBLIG. | |
| | | 5 FT PAID-MATERNITY/PATERNITY LEAVE | |
| | | 6 FT PAID-LABOR DISPUTE | |
| | | 7 FT PAID-WEATHER AFFECTED JOB | |
| | | 8 FT PAID-SCHOOL/TRAINING | |
| | | 9 FT PAID-CIVIC/MILITARY DUTY | |

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

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

| | | | |
|---|---|---|---|
| PRCIVLF | 2 | CIVILIAN LABOR FORCE | 387 - 388 |

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

01 IN CIVILIAN LABOR FORCE
02 NOT IN CIVILIAN LABOR FORCE

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRDISC | 2 | DISCOURAGED WORKER RECODE | 389 - 390 |

EDITED UNIVERSE:
PRJOBSEA = 1-4

VALID ENTRIES

1 DISCOURAGED WORKER
2 CONDITIONALLY INTERESTED
3 NOT AVAILABLE

| | | | |
|---|---|---|---|
| PREMPHRS | 2 | REASON NOT AT WORK OR HOURS AT WORK | 391 - 392 |

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

0 UNEMPLOYED AND NILF
1 W/JOB, NOT AT WORK-ILLNESS
2 W/JOB, NOT AT WORK-VACATION
3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB
4 W/JOB, NOT AT WORK-LABOR DISPUTE
5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS
6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION
7 W/JOB, NOT AT WORK-MATERNITY/ PATERNITY
8 W/JOB, NOT AT WORK-SCHOOL/ TRAINING
9 W/JOB, NOT AT WORK-CIVI MILITARY DUTY
10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS
11 W/JOB, NOT AT WORK-OTHER
12 AT WORK- 1-4 HRS
13 AT WORK- 5-14 HRS
14 AT WORK- 15-21 HRS
15 AT WORK- 22-29 HRS
16 AT WORK- 30-34 HRS
17 AT WORK- 35-39 HRS

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 18 AT WORK- 40 HRS<br>19 AT WORK- 41-47 HRS<br>20 AT WORK- 48 HRS<br>21 AT WORK- 49-59 HRS<br>22 AT WORK- 60 HRS OR MORE | |
| PREMPNOT | 2 | MLR - EMPLOYED, UNEMPLOYED, OR NILF<br><br>EDITED UNIVERSE:<br>PEMLR = 1-7<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED<br>3 NOT IN LABOR FORCE (NILF)-discouraged<br>4 NOT IN LABOR FORCE (NILF)-other | 393 - 394 |
| PREXPLF | 2 | EXPERIENCED LABOR FORCE EMPLOYMENT<br><br>EDITED UNIVERSE:<br>PEMLR = 1-4 AND<br>PELKLWO ne 3<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED | 395 - 396 |
| PRFTLF | 2 | FULL TIME LABOR FORCE<br><br>EDITED UNIVERSE:<br>PEMLR = 1-4<br><br><u>VALID ENTRIES</u><br><br>1 FULL TIME LABOR FORCE<br>2 PART TIME LABOR FORCE | 397 - 398 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRHRUSL | 2 | USUAL HOURS WORKED WEEKLY | 399 - 400 |

EDITED UNIVERSE:
PEMLR = 1-2

VALID ENTRIES

1 0-20 HRS
2 21-34 HRS
3 35-39 HRS
4 40 HRS
5 41-49 HRS
6 50 OR MORE HRS
7 VARIES-FULL TIME
8 VARIES-PART TIME

| | | | |
|---|---|---|---|
| PRJOBSEA | 2 | JOB SEARCH RECODE | 401 - 402 |

EDITED UNIVERSE:
PRWNTJOB = 1

VALID ENTRIES

1 LOOKED LAST 4 WEEKS - NOT WORKED
2 LOOKED LAST 4 WEEKS - WORKED
3 LOOKED LAST 4 WEEKS - LAYOFF
4 UNAVAILABLE JOB SEEKERS
5 NO RECENT JOB SEARCH

| | | | |
|---|---|---|---|
| PRPTHRS | 2 | AT WORK 1-34 BY HOURS AT WORK | 403 - 404 |

EDITED UNIVERSE:
PEMLR = 1 AND PEHRACTT = 1-34

VALID ENTRIES

0 USUALY FT, PT FOR NONECONOMIC REASONS
1 USU.FT, PT ECON REASONS; 1-4 HRS
2 USU.FT, PT ECON REASONS; 5-14 HRS
3 USU.FT, PT ECON REASONS; 15-29 HRS
4 USU.FT, PT ECON REASONS; 30-34 HRS
5 USU.PT, ECON REASONS; 1-4 HRS

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 6 USU.PT, ECON REASONS; 5-14 HRS<br>7 USU.PT, ECON REASONS; 15-29 HRS<br>8 USU.PT, ECON REASONS; 30-34 HRS<br>9 USU.PT, NON-ECON REASONS; 1-4 HRS<br>10 USU.PT, NON-ECON REASONS; 5-14 HRS<br>11 USU.PT, NON-ECON REASONS; 15-29 HRS<br>12 USU.PT, NON-ECON REASONS; 30-34 HRS | |
| PRPTREA | 2 | DETAILED REASON FOR PART-TIME<br><br>EDITED UNIVERSE:<br>PEMLR = 1 AND (PEHRUSLT = 0-34 OR<br>PEHRACTT = 1-34)<br><br><u>VALID ENTRIES</u><br><br>1 USU. FT-SLACK WORK/BUSINESS CONDITIONS<br>2 USU. FT-SEASONAL WORK<br>3 USU. FT-JOB STARTED/ENDED DURING WEEK<br>4 USU. FT-VACATION/PERSONAL DAY<br>5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT<br>6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)<br>7 USU. FT-CHILD CARE PROBLEMS<br>8 USU. FT-OTHER FAM/PERS OBLIGATIONS<br>9 USU. FT-LABOR DISPUTE<br>10 USU. FT-WEATHER AFFECTED JOB<br>11 USU. FT-SCHOOL/TRAINING<br>12 USU. FT-CIVIC/MILITARY DUTY<br>13 USU. FT-OTHER REASON<br>14 USU. PT-SLACK WORK/BUSINESS CONDITIONS<br>15 USU. PT-COULD ONLY FIND PT WORK<br>16 USU. PT-SEASONAL WORK<br>17 USU. PT-CHILD CARE PROBLEMS<br>18 USU. PT-OTHER FAM/PERS OBLIGATIONS<br>19 USU. PT-HEALTH/MEDICAL LIMITATIONS<br>20 USU. PT-SCHOOL/TRAINING<br>21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS<br>22 USU. PT-WORKWEEK <35 HOURS<br>23 USU. PT-OTHER REASON | 405 - 406 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRUNEDUR | 3 | DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS<br><br>EDITED UNIVERSE:<br>PEMLR = 3-4<br><br>VALID ENTRIES<br><br>0 MIN VALUE<br>999 MAX VALUE | 407 - 409 |
| FILLER | 2 | Filler | 410 - 411 |
| PRUNTYPE | 2 | REASON FOR UNEMPLOYMENT<br><br>EDITED UNIVERSE: PEMLR = 3-4<br><br>VALID ENTRIES<br><br>1 JOB LOSER/ON LAYOFF<br>2 OTHER JOB LOSER<br>3 TEMPORARY JOB ENDED<br>4 JOB LEAVER<br>5 RE-ENTRANT<br>6 NEW-ENTRANT | 412 - 413 |
| PRWKSCH | 2 | LABOR FORCE BY TIME WORKED OR LOST<br><br>EDITED UNIVERSE: PEMLR = 1 - 7<br><br>VALID ENTRIES<br><br>0 NOT IN LABOR FORCE<br>1 AT WORK<br>2 WITH JOB, NOT AT WORK<br>3 UNEMPLOYED, SEEKS FT<br>4 UNEMPLOYED, SEEKS PT | 414 - 415 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRWKSTAT | 2 | FULL/PART-TIME WORK STATUS | 416 - 417 |

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

1 NOT IN LABOR FORCE
2 FT HOURS (35+), USUALLY FT
3 PT FOR ECONOMIC REASONS, USUALLY FT
4 PT FOR NON-ECONOMIC REASONS, USUALLY FT
5 NOT AT WORK, USUALLY FT
6 PT HRS, USUALLY PT FOR ECONOMIC REASONS
7 PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS
8 FT HOURS, USUALLY PT FOR ECONOMIC REASONS
9 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

1 WANT A JOB
2 OTHER NOT IN LABOR FORCE

| | | | |
|---|---|---|---|
| FILLER | 2 | | 420 - 425 |
| 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

1 YES
2 NO

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUIODP2 | 2 | HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 428 - 429 |
| 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?<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 430 - 431 |
| PEIO1COW | 2 | INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB<br><br>NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED.<br><br>EDITED UNIVERSE:<br>(PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR<br>(PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)<br>OR<br>(PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO = 1)<br><br>VALID ENTRIES<br><br>1 GOVERNMENT - FEDERAL<br>2 GOVERNMENT - STATE<br>3 GOVERNMENT - LOCAL<br>4 PRIVATE, FOR PROFIT<br>5 PRIVATE, NONPROFIT<br>6 SELF-EMPLOYED, INCORPORATED<br>7 SELF-EMPLOYED, UNINCORPORATED<br>8 WITHOUT PAY | 432 - 433 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUIO1MFG | 2 | IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?<br><br><u>VALID ENTRIES</u><br><br>1 MANUFACTURING<br>2 RETAIL TRADE<br>3 WHOLESALE TRADE<br>4 SOMETHING ELSE | 434 - 435 |
| PADDING | 6 | Main Job I & O Codes moved to columns 856 - 863 | 436 - 441 |
| FILLER | 10 | | 442 - 451 |
| PUIOCK1 | 2 | I & O CHECK ITEM 1<br>SCREEN FOR DEPENDENT I AND O<br><br><u>VALID ENTRIES</u><br><br>1 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 PUIO1INT<br>2 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 PUIO1INT<br>3 IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT<br>4 ALL OTHERS GOTO PUIODP1 | 452 - 453 |
| PUIOCK2 | 2 | I & O CHECK ITEM 2<br>SCREEN FOR PREVIOUS MONTHS I AND O CASES<br><br><u>VALID ENTRIES</u><br><br>1 IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND<br>2 IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC<br>3 ALL OTHERS GOTO PUIODP2 | 454 - 455 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PUIOCK3 | 2 | I & O CHECK ITEM 3<br><br>VALID ENTRIES<br><br>1 IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC<br>2 IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC<br>3 ALL OTHERS GOTO PUIODP3 | 456 - 457 |
| PRIOELG | 2 | INDUSTRY AND OCCUPATION ELIGIBILITY FLAG<br><br>EDITED UNIVERSE:<br>PEMLR = 1-3,<br>OR (PEMLR = 4 AND PELKLWO = 1 OR 2)<br>OR (PEMLR = 5 AND<br>(PEJHWKO = 1 OR PENLFJH=1),<br>OR (PEMLR = 6 AND PENLFJH = 1),<br>OR PEMLR = 7 AND PEJHWKO = 1)<br><br>VALID ENTRIES<br><br>0 NOT ELIGIBLE FOR EDIT<br>1 ELIGIBLE FOR EDIT | 458 - 459 |
| PRAGNA | 2 | AGRICULTURE/ NON-AGRICULTURE INDUSTRY<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br>VALID ENTRIES<br><br>1 AGRICULTURAL<br>2 NON-AGRICULTURAL | 460 - 461 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRCOW1 | 2 | CLASS OF WORKER<br>RECODE - JOB 1<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br><u>VALID ENTRIES</u><br><br>1 FEDERAL GOVT<br>2 STATE GOVT<br>3 LOCAL GOVT<br>4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)<br>5 SELF-EMPLOYED, UNINCORP.<br>6 WITHOUT PAY | 462 - 463 |
| FILLER | 2 | | 464 - 465 |
| PRCOWPG | 2 | COW - PRIVATE OR GOVERNMENT<br><br>EDITED UNIVERSE:<br>PEIO1COW = 1 - 5<br><br><u>VALID ENTRIES</u><br><br>1 PRIVATE<br>2 GOVERNMENT | 466 - 467 |
| PRDTCOW1 | 2 | DETAILED CLASS OF WORKER RECODE - JOB 1<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br><u>VALID ENTRIES</u><br><br>1 AGRI., WAGE & SALARY, PRIVATE<br>2 AGRI., WAGE & SALARY, GOVERNMENT<br>3 AGRI., SELF-EMPLOYED<br>4 AGRI., UNPAID<br>5 NONAG, WS, PRIVATE, PRIVATE HHLDS<br>6 NONAG, WS, PRIVATE, OTHER PRIVATE<br>7 NONAG, WS, GOVT, FEDERAL<br>8 NONAG, WS, GOVT, STATE<br>9 NONAG, WS, GOVT, LOCAL<br>10 NONAG, SELF-EMPLOYED<br>11 NONAG, UNPAID | 468 - 469 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| FILLER | 2 | | 470 - 471 |
| PRDTIND1 | 2 | DETAILED INDUSTRY RECODE - JOB 1 | 472 - 473 |

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1 Agriculture
2 Forestry, logging, fishing, hunting, and trapping
3 Mining
4 Construction
5 Nonmetallic mineral product manufacturing
6 Primary metals and fabricated metal products
7 Machinery manufacturing
8 Computer and electronic product manufacturing
9 Electrical equipment, appliance manufacturing
10 Transportation equipment manufacturing
11 Wood products
12 Furniture and fixtures manufacturing
13 Miscellaneous and not specified manufacturing
14 Food manufacturing
15 Beverage and tobacco products
16 Textile, apparel, and leather manufacturing
17 Paper and printing
18 Petroleum and coal products manufacturing
19 Chemical manufacturing
20 Plastics and rubber products
21 Wholesale trade
22 Retail trade
23 Transportation and warehousing
24 Utilities
25 Publishing industries (except internet)
26 Motion picture and sound recording industries
27 Broadcasting (except internet)
28 Internet publishing and broadcasting
29 Telecommunications
30 Internet service providers and data processing services
31 Other information services
32 Finance
33 Insurance

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 34 Real estate | |
| | | 35 Rental and leasing services | |
| | | 36 Professional and technical services | |
| | | 37 Management of companies and enterprises | |
| | | 38 Administrative and support services | |
| | | 39 Waste management and remediation services | |
| | | 40 Educational services | |
| | | 41 Hospitals | |
| | | 42 Health care services, except hospitals | |
| | | 43 Social assistance | |
| | | 44 Arts, entertainment, and recreation | |
| | | 45 Accommodation | |
| | | 46 Food services and drinking places | |
| | | 47 Repair and maintenance | |
| | | 48 Personal and laundry services | |
| | | 49 Membership associations and organizations | |
| | | 50 Private households | |
| | | 51 Public administration | |
| | | 52 Armed forces | |
| FILLER | 2 | | 474 - 475 |
| PRDTOCC1 | 2 | DETAILED OCCUPATION RECODE - JOB 1 | 476 - 477 |
| | | EDITED UNIVERSE:<br>PRIOELG = 1 | |
| | | VALID ENTRIES | |
| | | 1 Management occupations | |
| | | 2 Business and financial operations occupations | |
| | | 3 Computer and mathematical science occupations | |
| | | 4 Architecture and engineering occupations | |
| | | 5 Life, physical, and social science occupations | |
| | | 6 Community and social service occupations | |
| | | 7 Legal occupations | |
| | | 8 Education, training, and library occupations | |
| | | 9 Arts, design, entertainment, sports, and media occupations | |
| | | 10 Healthcare practitioner and technical occupations | |
| | | 11 Healthcare support occupations | |
| | | 12 Protective service occupations | |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 13 Food preparation and serving related occupations<br>14 Building and grounds cleaning and maintenance occupations<br>15 Personal care and service occupations<br>16 Sales and related occupations<br>17 Office and administrative support occupations<br>18 Farming, fishing, and forestry occupations<br>19 Construction and extraction occupations<br>20 Installation, maintenance, and repair occupations<br>21 Production occupations<br>22 Transportation and material moving occupations<br>23 Armed Forces | |
| FILLER | 2 | | 478 - 479 |
| PREMP | 2 | EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE<br><br>EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br>AND PEIO1OCD ne 403-407, 473-484<br><br><u>VALID ENTRY</u><br><br>1 EMPLOYED PERSONS (EXC. FARM & PRIV HH) | 480 - 481 |
| PRMJIND1 | 2 | MAJOR INDUSTRY RECODE - JOB 1<br><br>EDITED UNIVERSE:<br>PRDTIND1 = 1-51<br><br><u>VALID ENTRIES</u><br><br>1 Agriculture, forestry, fishing, and hunting<br>2 Mining<br>3 Construction<br>4 Manufacturing<br>5 Wholesale and retail trade<br>6 Transportation and utilities<br>7 Information<br>8 Financial activities<br>9 Professional and business services | 482 - 483 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| | | 10 Educational and health services<br>11 Leisure and hospitality<br>12 Other services<br>13 Public administration<br>14 Armed Forces | |
| FILLER | 2 | | 484 - 485 |
| PRMJOCC1 | 2 | MAJOR OCCUPATION RECODE - JOB 1<br><br>EDITED UNIVERSE:<br>PRDTOCC1 = 1-46<br><br>VALID ENTRIES<br><br>1 Management, business, and financial occupations<br>2 Professional and related occupations<br>3 Service occupations<br>4 Sales and related occupations<br>5 Office and administrative support occupations<br>6 Farming, fishing, and forestry occupations<br>7 Construction and extraction occupations<br>8 Installation, maintenance, and repair occupations<br>9 Production occupations<br>10 Transportation and material moving occupations<br>11 Armed Forces | 486 - 487 |
| FILLER | 2 | | 488 - 489 |
| PRMJOCGR | 2 | MAJOR OCCUPATION CATEGORIES<br><br>EDITED UNIVERSE:<br>PRMJOCC = 1-11<br><br>VALID ENTRIES<br><br>1 Management, professional, and related occupations<br>2 Service occupations<br>3 Sales and office occupations<br>4 Farming, fishing, and forestry occupations<br>5 Construction, and maintenance occupations<br>6 Production, transportation, and material moving occupations<br>7 Armed Forces | 490 - 491 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRNAGPWS | 2 | NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE<br><br>EDITED UNIVERSE:<br>PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890<br><br>VALID ENTRY | 492 - 493 |
| | 1 | NON-AG PRIV WAGE & SALARY | |
| PRNAGWS | 2 | NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE<br><br>EDITED UNIVERSE:<br>PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290<br><br>VALID ENTRY | 494 - 495 |
| | 1 | NON-AG WAGE AND SALARY WORKERS | |
| PRSJMJ | 2 | SINGLE/MULTIPLE JOBHOLDER<br><br>EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br><br>VALID ENTRIES<br><br>1 SINGLE JOBHOLDER<br>2 MULTIPLE JOBHOLDER | 496 - 497 |
| FILLER | 77 | | 498 - 574 |
| PESCHENR | 2 | LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2 and PEAGE = 16-24<br><br>VALID ENTRIES<br><br>1 YES<br>2 NO | 575 - 576 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PESCHFT | 2 | ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT?<br><br>EDITED UNIVERSE:<br>PESCHLVL = 1, 2<br><br><u>VALID ENTRIES</u><br><br>1 FULL-TIME<br>2 PART-TIME | 577 - 578 |
| PESCHLVL | 2 | WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY?<br><br>EDITED UNIVERSE:<br>PESCHENR = 1<br><br><u>VALID ENTRIES</u><br><br>1 HIGH SCHOOL<br>2 COLLEGE OR UNIVERSITY | 579 - 580 |
| PRNLFSCH | 2 | NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL<br><br>EDITED UNIVERSE:<br>PENLFACT = -1 OR 1-6 AND PEAGE = 16-24<br><br><u>VALID ENTRIES</u><br><br>1 IN SCHOOL<br>2 NOT IN SCHOOL | 581 - 582 |
| FILLER | 50 | | 583 - 632 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRCHLD | 2 | Presence of own children <18 years of age by selected age group<br>(STARTING NOVEMBER 1999)<br><br>EDITED UNIVERSE: PRFAMREL = 1 or 2<br><br><u>VALID ENTRIES</u><br><br>-1 NIU (Not a parent)<br>0 No own children under 18 years of age<br>1 All own children 0- 2 years of age<br>2 All own children 3- 5 years of age<br>3 All own children 6-13 years of age<br>4 All own children 14-17 years of age<br>5 Own children 0- 2 and 3- 5 years of age (none 6-17)<br>6 Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)<br>7 Own children 0- 2 and 14-17 years of age (none 3-13)<br>8 Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17)<br>9 Own children 3- 5 and 14-17 years of age (none 0- 2 or 6-13)<br>10 Own children 6-13 and 14-17 years of age (none 0- 5)<br>11 Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17)<br>12 Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13)<br>13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5)<br>14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2)<br>15 Own children from all age groups | 633 - 634 |
| PRNMCHLD | 2 | Number of own children <18 years of age<br>(STARTING NOVEMBER 1999)<br><br>EDITED UNIVERSE: PRFAMREL = 1 or 2<br><br><u>VALID ENTRIES</u><br><br>-1 NIU (Not a parent)<br>0:99 Number of own children under 18 years of age | 635 - 636 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| FILLER | 6 | | 637 - 642 |
| | | **ALLOCATION FLAGS** | |
| HXTENURE | 2 | ALLOCATION FLAG | 643 - 644 |
| HXHOUSUT | 2 | ALLOCATION FLAG | 645 - 646 |
| HXTELHHD | 2 | ALLOCATION FLAG | 647 - 648 |
| HXTELAVL | 2 | ALLOCATION FLAG | 649 - 650 |
| HXPHONEO | 2 | ALLOCATION FLAG | 651 - 652 |
| PXINUSYR | 2 | ALLOCATION FLAG | 653 - 654 |
| PXRRP | 2 | ALLOCATION FLAG | 655 - 656 |
| PXPARENT | 2 | ALLOCATION FLAG | 657 - 658 |
| PXAGE | 2 | ALLOCATION FLAG | 659 - 660 |
| PXMARITL | 2 | ALLOCATION FLAG | 661 - 662 |
| PXSPOUSE | 2 | ALLOCATION FLAG | 663 - 664 |
| PXSEX | 2 | ALLOCATION FLAG | 665 - 666 |
| PXAFWHEN | 2 | ALLOCATION FLAG | 667 - 668 |
| PXAFNOW | 2 | ALLOCATION FLAG | 669 - 670 |
| PXEDUCA | 2 | ALLOCATION FLAG | 671 - 672 |
| PXRACE1 | 2 | ALLOCATION FLAG | 673 - 674 |
| PXNATVTY | 2 | ALLOCATION FLAG | 675 - 676 |
| PXMNTVTY | 2 | ALLOCATION FLAG | 677 - 678 |
| PXFNTVTY | 2 | ALLOCATION FLAG | 679 - 680 |
| FILLER | 2 | | 681 - 682 |
| PXHSPNON | 2 | ALLOCATION FLAG | 683 - 684 |

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| 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 |
| PXDWLKWK | 2 | ALLOCATION FLAG | 753 - 754 |
| PXDWAVL | 2 | ALLOCATION FLAG | 755 - 756 |
| PXDWAVR | 2 | ALLOCATION FLAG | 757 - 758 |
| FILLER | 6 | | 759 - 764 |
| PXIO1COW | 2 | ALLOCATION FLAG | 765 - 766 |
| PXIO1ICD | 2 | ALLOCATION FLAG | 767 - 768 |
| PXIO1OCD | 2 | ALLOCATION FLAG | 769 - 770 |
| FILLER | 38 | | 771 - 808 |
| PXSCHENR | 2 | ALLOCATION FLAG | 809 - 810 |
| PXSCHFT | 2 | ALLOCATION FLAG | 811 - 812 |
| PXSCHLVL | 2 | ALLOCATION FLAG | 813 - 814 |
| FILLER | 5 | | 815 - 819 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| OCCURNUM | 2 | Unique person identifier. Valid only within any specific month. | 820 - 821 |
| PEDIPGED | 2 | How did...get...'s high school diploma?<br><br>EDITED UNIVERSE = PEEDUCA = 39<br><br><u>VALID ENTRIES</u><br><br>-1 = Not in universe<br>1 = Graduation from high school<br>2 = GED or other equivalent | 822 - 823 |
| PEHGCOMP | 2 | What was the highest grade of regular school...completed before receiving...'s GED?<br><br>EDITED UNIVERSE = PEDIPGED = 2<br><br><u>VALID ENTRIES</u><br><br>-1 Not in universe<br>1 Less than 1st grade<br>2 1st, 2nd, 3rd, or 4th grade<br>3 5th or 6th grade<br>4 7th or 8th grade<br>5 9th grade<br>6 10th grade<br>7 11th grade<br>8 12th grade (no diploma) | 824 - 825 |
| PECYC | 2 | How many years of college credit has...completed?<br><br>EDITED UNIVERSE: PEEDUCA =40-42<br><br>VALID ENTRIES<br><br>-1 Not in universe<br>1 Less than 1 year (includes 0 years completed)<br>2 The first or Freshman year<br>3 The second or Sophomore year<br>4 The third or Junior year<br>5 Four or more years | 826 - 827 |

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| FILLER | 10 | | 846 - 855 |
| PEIO1ICD | 4 | INDUSTRY CODE FOR PRIMARY JOB<br><br>EDITED UNIVERSE:<br>(PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO=1)<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>9999 MAX VALUE | 856 - 859 |
| PEIO1OCD | 4 | OCCUPATION CODE FOR PRIMARY JOB.<br><br>EDITED UNIVERSE: (PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO = 1)<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>9999 MAX VALUE | 860 - 863 |
| FILLER | 8 | | 864 - 871 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| PRIMIND1 | 2 | INTERMEDIATE INDUSTRY RECODE (JOB 1) | 872 - 873 |

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

| | |
|---|---|
| 1 | AGRICULTURE, FORESTRY, FISHING, and HUNTING |
| 2 | MINING |
| 3 | CONSTRUCTION |
| 4 | MANUFACTURING - DURABLE GOODS |
| 5 | MANUFACTURING - NON-DURABLE GOODS |
| 6 | WHOLESALE TRADE |
| 7 | RETAIL TRADE |
| 8 | TRANSPORTATION AND WAREHOUSING |
| 9 | UTILITIES |
| 10 | INFORMATION |
| 11 | FINANCE AND INSURANCE |
| 12 | REAL ESTATE AND RENTAL AND LEASING |
| 13 | PROFESSIONAL AND TECHNICAL SERVICES |
| 14 | MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES |
| 15 | EDUCATIONAL SERVICES |
| 16 | HEALTH CARE AND SOCIAL SERVICES |
| 17 | ARTS, ENTERTAINMENT, AND RECREATION |
| 18 | ACCOMMODATION AND FOOD SERVICES |
| 19 | PRIVATE HOUSEHOLDS |
| 20 | OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS |
| 21 | PUBLIC ADMINISTRATION |
| 22 | ARMED FORCES |

| | | | |
|---|---|---|---|
| FILLER | 3 | | 874 - 876 |

## ATTACHMENT 7

SUPPLEMENT RECORD LAYOUT

2004 Cell Phone Use Supplement

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HEPORT | 2 | Is this interview being conducted in person or on th telephone?<br>The interviewer enters this response without asking the question.<br><br>EDITED UNIVERSE<br><br>Entered for all supplement eligible households<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>1 = Personal<br>2 = Telephone | 877-878 |
| HEQ1 | 2 | First I would like to ask about any regular, landline telephone numbers in your household. These numbers are for phones plugged into the wall of your home and they can be used for different reasons, including making or receiving calls, for computer lines or for a fax machine. How many different landline telephone numbers does your household have?<br><br>EDITED UNIVERSE<br><br>HEPORT = 1, 2<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>0 - 99 = Number of landline phone numbers | 879-880 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HEQ1a | 2 | Excluding any numbers used only for faxes and computers, how many of these [fill Q1] landline telephone numbers are used for incoming calls?<br><br>EDITED UNIVERSE<br><br>HEQ1 = 1 through 96<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>0 - 96 = Number of landline phone numbers | 881-882 |
| HEQ1b | 2 | Excluding a number used only for a fax or computer, do you [fill (or any other members of your household) if NUMHOU > 1] take incoming calls on a landline number?<br><br>EDITED UNIVERSE<br><br>HEQ1 = 1 and PORT=1<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>1 = Yes<br>2 = No | 883-884 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HEQ2 | 2 | [Fill (Excluding students living away at school,) if NUMHOU>1] Do you [fill (or any other members of your household) if NUMHOU > 1] have a working cell phone number?<br><br>EDITED UNIVERSE<br><br>PORT = 1, 2<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>1 = Yes<br>2 = No | 885-886 |
| HEQ2a | 2 | [Fill (Excluding students living away at school,) if NUMHOU>1] How many different cell phone numbers [fill (do you have?) if NUMHOU = 1 or fill (do the members of your household have?) if NUMHOU >1]<br><br>EDITED UNIVERSE<br><br>Q2 = 1<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>0 - 96 = Number of cell phones | 887-888 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HEQ2b | 2 | How many of the [fill Q2a] cell phone numbers you have do you [fill (or any other members of your household) if NUMHOU > 1] use regularly?<br><br>EDITED UNIVERSE<br><br>HEQ2 a = 2 - 96<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>2 - 96 = Cell phone numbers used regularly | 889-890 |
| HEQ2c | 2 | How many of the [fill Q2a] cell phone numbers are answered by more than one household member?<br><br>EDITED UNIVERSE<br><br>HEQ2 b = 2 - 96<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br><br>2 - 96 = Cell phone numbers used by more than one household member | 891-892 |
| HEQ2d | 2 | Do you [fill (or members of your household) if NUMHOU > 1] regularly answer this cell phone number?<br><br>EDITED UNIVERSE<br><br>HEQ2 a = 1<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>1 = Yes<br>2 = No | 893-894 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HEQ2e | 2 | Is this cell phone number answered by more than one household member?<br><br>EDITED UNIVERSE<br><br>NUMHOU >1 AND Q2a = 1<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>1 = Yes<br>2 = No | 895-896 |
| HEQ3 | 2 | Of all the phone calls that you [fill (or any other members of your household) if NUMHOU > 1] receive, about how many are received on a cell phone? Would you say …<br><br>EDITED UNIVERSE<br><br>[(If Q1>0<97 AND Q2b>0<=96) OR (If Q1>0<97 AND Q2d=1)]<br><br>VALID ENTRIES<br><br>-9 = No response<br>-3 = Refused<br>-2 = Don't know<br>1 = All or almost all calls,<br>2 = More than half,<br>3 = Less than half, or<br>4 = Very few or none? | 897-898 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|---|---|---|---|
| HRSUPINT | 1 | Cell Phone Supplement interview flag<br><br>VALID ENTRIES<br><br>1 = Interview<br>2 = Noninterview | 899-899 |
| HWSUPWGT | 10 | Cell Phone Supplement Weight<br>(Based on Census 2000 pop controls)<br>(Length = 10 with 4 implied decimals) | 900-909 |

## ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

2004 Cellular Telephone Use Supplement

---

PRESUP Now we are going to ask you some questions about your household's telephone service.

PRESS ENTER TO PROCEED

---

PRESUPb Although we do not plan to interview you over the telephone, we want to ask you some additional questions about your household's telephone service.

PRESS ENTER TO PROCEED

---

IMPORT Your cooperation is important because the data collected will be used to improve the way we do surveys.

---

PORT DO NOT READ: Is this interview being conducted in person or on the telephone?

<1> Personal
<2> Telephone

---

Q1 First I would like to ask about any regular, landline telephone numbers that your household has. These numbers are for phones plugged into the wall of your home and they can be used for different reasons, including making or receiving calls, for computer lines or for a fax machine. How many different landline telephone numbers does your household have?

Enter number: _____

---

VER1 I'd like to verify the information you just provided. I believe you indicated that your household has NO LANDLINE TELEPHONE service for incoming and outgoing calls: Is that correct?

<1> Yes
<1> No

===> __

---

VER2 I just want to verify that your household has [fill Q1] distinct telephone NUMBERS: Is that correct?

<1> Yes
<1> No

===> __

---

Q1a Excluding any numbers used only for faxes and computers, how many of these [fill Q1] landline telephone numbers are used for incoming calls?

Enter number: _____ [Range 0 – 96]

---

Q1b Excluding a number used only for a fax or computer, do you [fill (or any other members of your household) if NUMHOU > 1] take incoming calls on a landline number?

<1> Yes
<1> No

===> __

---

Q2 [Fill (Excluding students living away at school,) if NUMHOU>1] Do you [fill (or any other members of your household) if NUMHOU > 1] have a working cell phone number?

<1> Yes
<1> No

===> __

---

Q2a [Fill (Excluding students living away at school,) if NUMHOU>1] How many different cell phone numbers [fill (do you have?) if NUMHOU = 1 or fill (do the members of your household have?) if NUMHOU >1]

Enter number: _____ [Range 0 – 96]

---

Q2b How many of the [fill Q2a] cell phone numbers you have do you [fill (or any other members of your household) if NUMHOU > 1] use regularly?

Enter number: _____ [Range 0 – 96]

---

Q2c How many of the [fill Q2a] cell phone numbers are answered by more than one household member?

Enter number: _____ [Range 0 – 96]

---

Q2d Do you [fill (or members of your household) if NUMHOU > 1] regularly answer this cell phone number?

<1> Yes
<1> No

[Refused or don't know GO TO CKITM2]

---

Q2e Is this cell phone number answered by more than one household member?

<1> Yes
<1> No

---

Q3 Of all the phone calls that you [fill (or any other members of your household) if NUMHOU > 1] receive, about how many are received on a cell phone? Would you say

<1> All or almost all calls,
<1> More than half,
<1> Less than half, or
<1> Very few or none?

[GO TO CKITM3]

# ATTACHMENT 9

## INDUSTRY CLASSIFICATION

### Industry Classification Codes for Detailed Industry (4 digit)
(Changes from 2000 Census classification noted)

These categories are aggregated into 52 detailed groups and 14 major groups (see page A-11). The codes in the right hand column are the 2002 NAICS equivalent. Changes from the Census 2000 classification are noted by asterisks (*).

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND, in positions 87-90 of the Person record.

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Agriculture, Forestry, Fishing, and Hunting** | |
| 0170 | Crop production | 111 |
| 0180 | Animal production | 112 |
| 0190 | Forestry except logging | 1131, 1132 |
| 0270 | Logging | 1133 |
| 0280 | Fishing, hunting, and trapping | 114 |
| 0290 | Support activities for agriculture and forestry | 115 |
| | **Mining** | |
| 0370 | Oil and gas extraction | 211 |
| 0380 | Coal mining | 2121 |
| 0390 | Metal ore mining | 2122 |
| 0470 | Nonmetallic mineral mining and quarrying | 2123 |
| 0480 | Not specified type of mining | Part of 21 |
| 0490 | Support activities for mining | 213 |
| | **Utilities** | |
| 0570 | Electric power generation, transmission and distribution | Pt. 2211 |
| 0580 | Natural gas distribution | Pt. 2212 |
| 0590 | Electric and gas, and other combinations | Pts. 2211, 2212 |
| 0670 | Water, steam, air-conditioning, and irrigation systems | 22131, 22133 |
| 0680 | Sewage treatment facilities | 22132 |
| 0690 | Not specified utilities | Part of 22 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Construction** | |
| 0770 | ** Construction<br>(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction) | 23 |
| | **Manufacturing**<br>**Nondurable Goods manufacturing** | |
| 1070 | Animal food, grain and oilseed milling | 3111, 3112 |
| 1080 | Sugar and confectionery products | 3113 |
| 1090 | Fruit and vegetable preserving and specialty food manufacturing | 3114 |
| 1170 | Dairy product manufacturing | 3115 |
| 1180 | Animal slaughtering and processing | 3116 |
| 1190 | Retail bakeries | 311811 |
| 1270 | Bakeries, except retail | 3118 exc. 311811 |
| 1280 | Seafood and other miscellaneous foods, n.e.c. | 3117, 3119 |
| 1290 | Not specified food industries | Part of 311 |
| 1370 | Beverage manufacturing | 3121 |
| 1390 | Tobacco manufacturing | 3122 |
| 1470 | Fiber, yarn, and thread mills | 3131 |
| 1480 | Fabric mills, except knitting | 3132 exc. 31324 |
| 1490 | Textile and fabric finishing and coating mills | 3133 |
| 1570 | Carpet and rug mills | 31411 |
| 1590 | Textile product mills, except carpets and rugs | 314 exc. 31411 |
| 1670 | Knitting mills | 31324, 3151 |
| 1680 | Cut and sew apparel manufacturing | 3152 |
| 1690 | Apparel accessories and other apparel manufacturing | 3159 |
| 1770 | Footwear manufacturing | 3162 |
| 1790 | Leather tanning and products, except footwear manufacturing | 3161, 3169 |
| 1870 | Pulp, paper, and paperboard mills | 3221 |
| 1880 | Paperboard containers and boxes | 32221 |
| 1890 | Miscellaneous paper and pulp products | 32222,32223, 32229 |
| 1990 | Printing and related support activities | 3231 |
| 2070 | Petroleum refining | 32411 |
| 2090 | Miscellaneous petroleum and coal products | 32419 |
| 2170 | Resin, synthetic rubber and fibers, and filaments manufacturing | 3252 |
| 2180 | Agricultural chemical manufacturing | 3253 |
| 2190 | Pharmaceutical and medicine manufacturing | 3254 |
| 2270 | Paint, coating, and adhesive manufacturing B46 | 3255 |
| 2280 | Soap, cleaning compound, and cosmetics manufacturing | 3256 |
| 2290 | Industrial and miscellaneous chemicals | 3251, 3259 |
| 2370 | Plastics product manufacturing | 3261 |
| 2380 | Tire manufacturing | 32621 |
| 2390 | Rubber products, except tires, manufacturing | 32622, 32629 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Durable Goods Manufacturing** | |
| 2470 | Pottery, ceramics, and related products manufacturing | 32711 |
| 2480 | Structural clay product manufacturing | 32712 |
| 2490 | Glass and glass product manufacturing | 3272 |
| 2570 | Cement, concrete, lime, and gypsum product manufacturing | 3273, 3274 |
| 2590 | Miscellaneous nonmetallic mineral product manufacturing | 3279 |
| 2670 | Iron and steel mills and steel product manufacturing | 3311, 3312 |
| 2680 | Aluminum production and processing | 3313 |
| 2690 | Nonferrous metal, except aluminum, production and processing | 3314 |
| 2770 | Foundries | 3315 |
| 2780 | Metal forgings and stampings | 3321 |
| 2790 | Cutlery and hand tool manufacturing | 3322 |
| 2870 | Structural metals, and tank and shipping container manufacturing | 3323, 3324 |
| 2880 | Machine shops; turned product; screw, nut and bolt manufacturing | 3327 |
| 2890 | Coating, engraving, heat treating and allied activities | 3328 |
| 2970 | Ordnance | 332992 to 332995 |
| 2980 | Miscellaneous fabricated metal products manufacturing | 3325, 3326, 3329 exc. 332992, 332993, 332994, 332995 |
| 2990 | Not specified metal industries | Part of 331 and 332 |
| 3070 | Agricultural implement manufacturing | 33311 |
| 3080 | Construction, mining and oil field machinery manufacturing | 33312, 33313 |
| 3090 | Commercial and service industry machinery manufacturing | 3333 |
| 3170 | Metalworking machinery manufacturing | 3335 |
| 3180 | Engines, turbines, and power transmission equipment manufacturing | 3336 |
| 3190 | Machinery manufacturing, n.e.c. | 3332, 3334, 3339 |
| 3290 | Not specified machinery manufacturing | Part of 333 |
| 3360 | Computer and peripheral equipment manufacturing | 3341 |
| 3370 | Communications, audio, and video equipment manufacturing | 3342, 3343 |
| 3380 | Navigational, measuring, electromedical, and control instruments manufacturing | 3345 |
| 3390 | Electronic component and product manufacturing, n.e.c. | 3344, 3346 |
| 3470 | Household appliance manufacturing | 3352 |
| 3490 | Electrical lighting, equipment, and supplies manufacturing, n.e.c. | 3351, 3353, 3359 |
| 3570 | Motor vehicles and motor vehicle equipment manufacturing | 3361, 3362, 3363 |
| 3580 | Aircraft and parts manufacturing | 336411 to 336413 |
| 3590 | Aerospace products and parts manufacturing | 336414, 336415, 336419 |
| 3670 | Railroad rolling stock manufacturing | 3365 |
| 3680 | Ship and boat building | 3366 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| 3690 | Other transportation equipment manufacturing | 3369 |
| 3770 | Sawmills and wood preservation | 3211 |
| 3780 | Veneer, plywood, and engineered wood products | 3212 |
| 3790 | Prefabricated wood buildings and mobile homes | 321991, 321992 |
| 3870 | Miscellaneous wood products | 3219 exc. 321991, 321992 |
| 3890 | Furniture and related product manufacturing | 337 |
| 3960 | Medical equipment and supplies manufacturing | 3391 |
| 3970 | Toys, amusement, and sporting goods manufacturing | 33992, 33993 |
| 3980 | Miscellaneous manufacturing, n.e.c. | 3399 exc. 33992, 33993 |
| 3990 | Not specified manufacturing industries | Part of 31, 32, 33 |
| | **Wholesale Trade** | |
| | **Durable Goods Wholesale** | |
| 4070 | ** Motor vehicles, parts and supplies, merchant wholesalers | *4231 |
| 4080 | ** Furniture and home furnishing, merchant wholesalers | *4232 |
| 4090 | ** Lumber and other construction materials, merchant wholesalers | *4233 |
| 4170 | ** Professional and commercial equipment and supplies, merchant wholesalers | *4234 |
| 4180 | ** Metals and minerals, except petroleum, merchant wholesalers | *4235 |
| 4190 | ** Electrical goods, merchant wholesalers | *4236 |
| 4260 | ** Hardware, plumbing and heating equipment, and supplies, merchant wholesalers | *4237 |
| 4270 | ** Machinery, equipment, and supplies, merchant wholesalers | *4238 |
| 4280 | ** Recyclable material, merchant wholesalers | *42393 |
| 4290 | ** Miscellaneous durable goods, merchant wholesalers | *4239 exc. 42393 |
| | **Nondurable Goods Wholesale** | |
| 4370 | ** Paper and paper products, merchant wholesalers | *4241 |
| 4380 | ** Drugs, sundries, and chemical and allied products, merchant wholesalers | *4242, 4246 |
| 4390 | ** Apparel, fabrics, and notions, merchant wholesalers | *4243 |
| 4470 | ** Groceries and related products, merchant wholesalers | *4244 |
| 4480 | ** Farm product raw materials, merchant wholesalers | *4245 |
| 4490 | ** Petroleum and petroleum products, merchant wholesalers | *4247 |
| 4560 | ** Alcoholic beverages, merchant wholesalers | *4248 |
| 4570 | ** Farm supplies, merchant wholesalers | *42491 |
| 4580 | ** Miscellaneous nondurable goods, merchant wholesalers | *4249 exc. 42491 |
| * 4585 | *** Wholesale electronic markets, agents and brokers | New industry *4251 |
| 4590 | **Not specified wholesale trade | Part of 42 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Retail Trade** | |
| 4670 | Automobile dealers | 4411 |
| 4680 | Other motor vehicle dealers | 4412 |
| 4690 | Auto parts, accessories, and tire stores | 4413 |
| 4770 | Furniture and home furnishings stores | 442 |
| 4780 | Household appliance stores | 443111 |
| 4790 | Radio, TV, and computer stores | 443112, 44312 |
| 4870 | Building material and supplies dealers | 4441 exc. 44413 |
| 4880 | Hardware stores | 44413 |
| 4890 | Lawn and garden equipment and supplies stores | 4442 |
| 4970 | Grocery stores | 4451 |
| 4980 | Specialty food stores | 4452 |
| 4990 | Beer, wine, and liquor stores | 4453 |
| 5070 | Pharmacies and drug stores | 4461 |
| 5080 | Health and personal care, except drug, stores | 446 exc. 44611 |
| 5090 | Gasoline stations | 447 |
| 5170 | Clothing and accessories, except shoe, stores | 448 exc. 44821, 4483 |
| 5180 | Shoe stores | 44821 |
| 5190 | Jewelry, luggage, and leather goods stores | 4483 |
| 5270 | Sporting goods, camera, and hobby and toy stores | 44313, 45111, 45112 |
| 5280 | Sewing, needlework, and piece goods stores | 45113 |
| 5290 | Music stores | 45114, 45122 |
| 5370 | Book stores and news dealers | 45121 |
| 5380 | ****Department stores and discount stores | 45211 |
| 5390 | Miscellaneous general merchandise stores | 4529 |
| 5470 | Retail florists | 4531 |
| 5480 | Office supplies and stationery stores | 45321 |
| 5490 | Used merchandise stores | 4533 |
| 5570 | Gift, novelty, and souvenir shops | 45322 |
| 5580 | Miscellaneous retail stores | 4539 |
| 5590 | *** Electronic shopping | New industry *454111 |
| * 5591 | *** Electronic auctions | New industry *454112 |
| * 5592 | ** Mail order houses | *454113 |
| 5670 | Vending machine operators | 4542 |
| 5680 | Fuel dealers | 45431 |
| 5690 | Other direct selling establishments | 45439 |
| 5790 | Not specified retail trade | Part of 44, 45 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Transportation and Warehousing** | |
| 6070 | Air transportation | 481 |
| 6080 | Rail transportation | 482 |
| 6090 | Water transportation | 483 |
| 6170 | Truck transportation | 484 |
| 6180 | Bus service and urban transit | 4851, 4852, 4854, 4855, 4859 |
| 6190 | Taxi and limousine service | 4853 |
| 6270 | Pipeline transportation | 486 |
| 6280 | Scenic and sightseeing transportation | 487 |
| 6290 | Services incidental to transportation | 488 |
| 6370 | Postal Service | 491 |
| 6380 | Couriers and messengers | 492 |
| 6390 | Warehousing and storage | 493 |
| | **Information** | |
| 6470 | **Newspaper publishers | 51111 |
| 6480 | **Publishing, except newspapers and software | 5111 exc. 51111 |
| 6490 | Software publishing | 5112 |
| 6570 | Motion pictures and video industries | 5121 |
| 6590 | Sound recording industries | 5122 |
| 6670 | Radio and television broadcasting and cable | 5151, 5152, 5175 |
| * 6675 | *** Internet publishing and broadcasting | New industry *5161 |
| 6680 | Wired telecommunications carriers | *5171 |
| 6690 | Other telecommunications services | *517 exc. 5171, 5175 |
| * 6692 | *** Internet service providers | New industry *5181 |
| * 6695 | **** Data processing, hosting, and related services | *5182 |
| 6770 | Libraries and archives | *51912 |
| 6780 | Other information services | *5191 exc. 51912 |
| | ***Finance, Insurance, Real Estate, and Rental and Leasing*** | |
| | **Finance and Insurance** | |
| 6870 | Banking and related activities | 521,52211, 52219 |
| 6880 | Savings institutions, including credit unions | 52212, 52213 |
| 6890 | Non-depository credit and related activities | 5222, 5223 |
| 6970 | Securities, commodities, funds, trusts, and other financial investments | 523, 525 |
| 6990 | Insurance carriers and related activities | 524 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Real Estate and Rental and Leasing** | |
| 7070 | Real estate | 531 |
| 7080 | Automotive equipment rental and leasing | 5321 |
| 7170 | Video tape and disk rental | 53223 |
| 7180 | Other consumer goods rental | 53221, 53222, 53229, 5323 |
| 7190 | Commercial, industrial, and other intangible assets rental and leasing | 5324, 533 |
| ***Professional, Scientific, Management, Administrative, and Waste management services*** | | |
| | **Professional, Scientific, and Technical Services** | |
| 7270 | Legal services | 5411 |
| 7280 | Accounting, tax preparation, bookkeeping, and payroll services | 5412 |
| 7290 | Architectural, engineering, and related services | 5413 |
| 7370 | Specialized design services | 5414 |
| 7380 | Computer systems design and related services | 5415 |
| 7390 | Management, scientific, and technical consulting services | 5416 |
| 7460 | Scientific research and development services | 5417 |
| 7470 | Advertising and related services | 5418 |
| 7480 | Veterinary services | 54194 |
| 7490 | Other professional, scientific, and technical services | 5419 exc. 54194 |
| | **Management, Administrative and Support, and Waste Management Services** | |
| | ***Management of companies and enterprises*** | |
| 7570 | Management of companies and enterprises | 551 |
| | ***Administrative and support and waste management services*** | |
| 7580 | Employment services | 5613 |
| 7590 | Business support services | 5614 |
| 7670 | Travel arrangements and reservation services | 5615 |
| 7680 | Investigation and security services | 5616 |
| 7690 | ** Services to buildings and dwellings | 5617 exc. 56173 |
| | (except cleaning during construction and immediately after construction) | |
| 7770 | Landscaping services | 56173 |
| 7780 | Other administrative and other support services | 5611, 5612, 5619 |
| 7790 | Waste management and remediation services | 562 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | ***Educational, Health and Social Services*** | |
| | **Educational Services** | |
| 7860 | Elementary and secondary schools | 6111 |
| 7870 | Colleges and universities, including junior colleges | 6112, 6113 |
| 7880 | Business, technical, and trade schools and training | 6114, 6115 |
| 7890 | Other schools, instruction, and educational services | 6116, 6117 |
| | **Health Care and Social Assistance** | |
| 7970 | Offices of physicians | 6211 |
| 7980 | Offices of dentists | 6212 |
| 7990 | Offices of chiropractors | 62131 |
| 8070 | Offices of optometrists | 62132 |
| 8080 | Offices of other health practitioners | 6213 exc. 62131, 62132 |
| 8090 | Outpatient care centers | 6214 |
| 8170 | Home health care services | 6216 |
| 8180 | Other health care services | 6215, 6219 |
| 8190 | Hospitals | 622 |
| 8270 | Nursing care facilities | 6231 |
| 8290 | Residential care facilities, without nursing | 6232, 6233, 6239 |
| 8370 | Individual and family services | 6241 |
| 8380 | Community food and housing, and emergency services | 6242 |
| 8390 | Vocational rehabilitation services | 6243 |
| 8470 | Child day care services | 6244 |
| | ***Arts, Entertainment, Recreation, Accommodation, and Food Services*** | |
| | **Arts, Entertainment, and Recreation** | |
| 8560 | Independent artists, performing arts, spectator sports, and related industries | 711 |
| 8570 | Museums, art galleries, historical sites, and similar institutions | 712 |
| 8580 | Bowling centers | 71395 |
| 8590 | Other amusement, gambling, and recreation industries | 713 exc. 71395 |
| | **Accommodation and Food Services** | |
| 8660 | Traveler accommodation | 7211 |
| 8670 | Recreational vehicle parks and camps, and rooming and boarding houses | 7212, 7213 |
| 8680 | Restaurants and other food services | 722 exc. 7224 |
| 8690 | Drinking places, alcoholic beverages | 7224 |

| 2002 CENSUS CODE | DESCRIPTION | 2002 NAICS CODE |
|---|---|---|
| | **Other Services (Except Public Administration)** | |
| 8770 | Automotive repair and maintenance | 8111 exc. 811192 |
| 8780 | Car washes | 811192 |
| 8790 | Electronic and precision equipment repair and maintenance | 8112 |
| 8870 | Commercial and industrial machinery and equipment repair and maintenance | 8113 |
| 8880 | Personal and household goods repair and maintenance | 8114 exc. 81143 |
| 8890 | Footwear and leather goods repair | 81143 |
| 8970 | Barber shops | 812111 |
| 8980 | Beauty salons | 812112 |
| 8990 | Nail salons and other personal care services | 812113, 81219 |
| 9070 | Drycleaning and laundry services | 8123 |
| 9080 | Funeral homes, cemeteries, and crematories | 8122 |
| 9090 | Other personal services | 8129 |
| 9160 | Religious organizations | 8131 |
| 9170 | Civic, social, advocacy organizations, and grantmaking and giving services | 8132, 8133, 8134 |
| 9180 | Labor unions | 81393 |
| 9190 | Business, professional, political, and similar organizations | 8139 exc. 81393 |
| 9290 | Private households | 814 |
| | **Public Administration** | |
| 9370 | Executive offices and legislative bodies | 92111, 92112, 92114, pt. 92115 |
| 9380 | Public finance activities | 92113 |
| 9390 | Other general government and support | 92119 |
| 9470 | Justice, public order, and safety activities | 922, pt. 92115 |
| 9480 | Administration of human resource programs | 923 |
| 9490 | Administration of environmental quality and housing programs | 924, 925 |
| 9570 | Administration of economic programs and space research | 926, 927 |
| 9590 | National security and international affairs | 928 |
| | **Armed Forces** | |
| 9890 | Armed Forces | |

* **Code changed from 2000** (In addition to adding of fourth digit)
* * **Industry content changed from 2000, name may have changed**
* * * **New industry**
* * * * **Industry name changed, Content did not**

# Detailed Industry Recodes
(01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 157-158.

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|---|
| 1 | Agriculture | 0170 - 0180, 0290 |
| 2 | Forestry, logging, fishing, hunting, and trapping | 0190 - 0280 |
| 3 | Mining | 0370 - 0490 |
| 4 | Construction | 0770 |
| 5 | Nonmetallic mineral products | 2470 - 2590 |
| 6 | Primary metals and fabricated metal products | 2670 - 2990 |
| 7 | Machinery manufacturing | 3070 - 3290 |
| 8 | Computer and electronic products | 3360 - 3390 |
| 9 | Electrical equipment, appliance manufacturing | 3470, 3490 |
| 10 | Transportation equipment manufacturing | 3570 - 3690 |
| 11 | Wood products | 3770 - 3870 |
| 12 | Furniture and fixtures manufacturing | 3890 |
| 13 | Miscellaneous and not specified manufacturing | 3960 - 3990 |
| 14 | Food manufacturing | 1070 - 1290 |
| 15 | Beverage and tobacco products | 1370, 1390 |
| 16 | Textile, apparel, and leather manufacturing | 1470 - 1790 |
| 17 | Paper and printing | 1870 - 1990 |
| 18 | Petroleum and coal products | 2070, 2090 |
| 19 | Chemical manufacturing | 2170 - 2290 |
| 20 | Plastics and rubber products | 2370 - 2390 |
| 21 | Wholesale trade | 4070 - 4590 |
| 22 | Retail trade | 4670 - 5790 |
| 23 | Transportation and warehousing | 6070 - 6390 |
| 24 | Utilities | 0570 - 0690 |
| 25 | Publishing industries (except internet) | 6470 - 6490 |
| 26 | Motion picture and sound recording industries | 6570, 6590 |
| 27 | Broadcasting (except internet) | 6670 |
| 28 | Internet publishing and broadcasting | 6675 |
| 29 | Telecommunications | 6680, 6690 |
| 30 | Internet service providers and data processing services | 6692, 6695 |
| 31 | Other information services | 6770, 6780 |
| 32 | Finance | 6870 - 6970 |
| 33 | Insurance | 6990 |
| 34 | Real estate | 7070 |
| 35 | Rental and leasing services | 7080 - 7190 |
| 36 | Professional and technical services | 7270 - 7490 |
| 37 | Management of companies and enterprises | 7570 |
| 38 | Administrative and support services | 7580 - 7780 |
| 39 | Waste management and remediation services | 7790 |
| 40 | Educational services | 7860 - 7890 |
| 41 | Hospitals | 8190 |
| 42 | Health care services, except hospitals | 7970 - 8180, 8270, 8290 |

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|---|
| 43 | Social assistance | 8370 - 8470 |
| 44 | Arts, entertainment, and recreation | 8560 - 8590 |
| 45 | Accommodation | 8660, 8670 |
| 46 | Food services and drinking places | 8680, 8690 |
| 47 | Repair and maintenance | 8770 - 8890 |
| 48 | Personal and laundry services | 8970 - 9090 |
| 49 | Membership associations and organizations | 9160 - 9190 |
| 50 | Private households | 9290 |
| 51 | Public administration | 9370 - 9590 |
| 52 | Armed forces | 9890 |

# Major Industry Recodes
# (01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 155-156

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|---|
| 1 | Agriculture, forestry, fishing, and hunting | 0170-0290 |
| 2 | Mining | 0370-0490 |
| 3 | Construction | 0770 |
| 4 | Manufacturing | 1070-3990 |
| 5 | Wholesale and retail trade | 4070-5790 |
| 6 | Transportation and utilities | 6070-6390, 0570-0690 |
| 7 | Information | 6470-6780 |
| 8 | Financial activities | 6870-7190 |
| 9 | Professional and business services | 7270-7790 |
| 10 | Educational and health services | 7860-8470 |
| 11 | Leisure and hospitality | 8560-8690 |
| 12 | Other services | 8770-9290 |
| 13 | Public administration | 9370-9590 |
| 14 | Armed Forces | 9890 |

## ATTACHMENT 10

OCCUPATION CLASSIFICATION

**(Beginning January 2003)**

These categories are aggregated into 23 detailed groups and 11 major groups (see page B-15). The codes in the right hand column are the 2002 NAICS equivalent. Changes from the Census 2000 classification are noted by an asterisk (*).

These codes correspond to Items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item PEIOOCC, and are located in positions 91-94 of the Persons Record.

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Management Occupations** | |
| 0010 | Chief executives | 11-1011 |
| 0020 | General and operations managers | 11-1021 |
| 0040 | Advertising and promotions managers | 11-2011 |
| 0050 | Marketing and sales managers | 11-2020 |
| 0060 | Public relations managers | 11-2031 |
| 0100 | Administrative services managers | 11-3011 |
| 0110 | Computer and information systems managers | 11-3021 |
| 0120 | Financial managers | 11-3031 |
| 0130 | Human resources managers | 11-3040 |
| 0140 | Industrial production managers | 11-3051 |
| 0150 | Purchasing managers | 11-3061 |
| 0160 | Transportation, storage, and distribution managers | 11-3071 |
| 0200 | Farm, ranch, and other agricultural managers | 11-9011 |
| 0210 | Farmers and ranchers | 11-9012 |
| 0220 | Construction managers | 11-9021 |
| 0230 | Education administrators | 11-9030 |
| 0300 | Engineering managers | 11-9041 |
| 0310 | Food service managers | 11-9051 |
| 0320 | Funeral directors | 11-9061 |
| 0330 | Gaming managers | 11-9071 |
| 0340 | Lodging managers | 11-9081 |
| 0350 | Medical and health services managers | 11-9111 |
| 0360 | Natural sciences managers | 11-9121 |
| 0410 | Property, real estate, and community association managers | 11-9141 |
| 0420 | Social and community service managers | 11-9151 |
| 0430 | Managers, all other | 11-9199 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Business and Financial Operations Occupations** | |
| | ***Business Operations Specialists*** | |
| 0500 | Agents and business managers of artists, performers, and athletes | 13-1011 |
| 0510 | Purchasing agents and buyers, farm products | 13-1021 |
| 0520 | Wholesale and retail buyers, except farm products | 13-1022 |
| 0530 | Purchasing agents, except wholesale, retail, and farm products | 13-1023 |
| 0540 | Claims adjusters, appraisers, examiners, and investigators | 13-1030 |
| 0560 | Compliance officers, except agriculture, construction, health and safety, and transportation | 13-1041 |
| 0600 | Cost estimators | 13-1051 |
| 0620 | Human resources, training, and labor relations specialists | 13-1070 |
| 0700 | Logisticians | 13-1081 |
| 0710 | Management analysts | 13-1111 |
| 0720 | Meeting and convention planners | 13-1121 |
| 0730 | Other business operations specialists | 13-11XX |
| | ***Financial Specialists*** | |
| 0800 | Accountants and auditors | 13-2011 |
| 0810 | Appraisers and assessors of real estate | 13-2021 |
| 0820 | Budget analysts | 13-2031 |
| 0830 | Credit analysts | 13-2041 |
| 0840 | Financial analysts | 13-2051 |
| 0850 | Personal financial advisors | 13-2052 |
| 0860 | Insurance underwriters | 13-2053 |
| 0900 | Financial examiners | 13-2061 |
| 0910 | Loan counselors and officers | 13-2070 |
| 0930 | Tax examiners, collectors, and revenue agents | 13-2081 |
| 0940 | Tax prepares | 13-2082 |
| 0950 | Financial specialists, all other | 13-2099 |
| | **Computer and Mathematical Occupations** | |
| 1000 | Computer scientists and systems analysts | 15-10XX |
| 1010 | Computer programmers | 15-1021 |
| 1020 | Computer software engineers | 15-1030 |
| 1040 | Computer support specialists | 15-1041 |
| 1060 | Database administrators | 15-1061 |
| 1100 | Network and computer systems administrators | 15-1071 |
| 1110 | Network systems and data communications analysts | 15-1081 |
| 1200 | Actuaries | 15-2011 |
| 1210 | Mathematicians | 15-2021 |
| 1220 | Operations research analysts | 15-2031 |
| 1230 | Statisticians | 15-2041 |
| 1240 | Miscellaneous mathematical science occupations | 15-2090 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Architecture and Engineering Occupations** | |
| 1300 | Architects, except naval | 17-1010 |
| 1310 | Surveyors, cartographers, and photogrammetrists | 17-1020 |
| 1320 | Aerospace engineers | 17-2011 |
| 1330 | Agricultural engineers | 17-2021 |
| 1340 | Biomedical engineers | 17-2031 |
| 1350 | Chemical engineers | 17-2041 |
| 1360 | Civil engineers | 17-2051 |
| 1400 | Computer hardware engineers | 17-2061 |
| 1410 | Electrical and electronic engineers | 17-2070 |
| 1420 | Environmental engineers | 17-2081 |
| 1430 | Industrial engineers, including health and safety | 17-2110 |
| 1440 | Marine engineers and naval architects | 17-2121 |
| 1450 | Materials engineers | 17-2131 |
| 1460 | Mechanical engineers | 17-2141 |
| 1500 | Mining and geological engineers, including mining safety engineers | 17-2151 |
| 1510 | Nuclear engineers | 17-2161 |
| 1520 | Petroleum engineers | 17-2171 |
| 1530 | Engineers, all other | 17-2199 |
| 1540 | Drafters | 17-3010 |
| 1550 | Engineering technicians, except drafters | 17-3020 |
| 1560 | Surveying and mapping technicians | 17-3031 |
| | **Life, Physical, and Social Science Occupations** | |
| 1600 | Agricultural and food scientists | 19-1010 |
| 1610 | Biological scientists | 19-1020 |
| 1640 | Conservation scientists and foresters | 19-1030 |
| 1650 | Medical scientists | 19-1040 |
| 1700 | Astronomers and physicists | 19-2010 |
| 1710 | Atmospheric and space scientists | 19-2021 |
| 1720 | Chemists and materials scientists | 19-2030 |
| 1740 | Environmental scientists and geoscientists | 19-2040 |
| 1760 | Physical scientists, all other | 19-2099 |
| 1800 | Economists | 19-3011 |
| 1810 | Market and survey researchers | 19-3020 |
| 1820 | Psychologists | 19-3030 |
| 1830 | Sociologists | 19-3041 |
| 1840 | Urban and regional planners | 19-3051 |
| 1860 | Miscellaneous social scientists and related workers | 19-3090 |
| 1900 | Agricultural and food science technicians | 19-4011 |
| 1910 | Biological technicians | 19-4021 |
| 1920 | Chemical technicians | 19-4031 |
| 1930 | Geological and petroleum technicians | 19-4041 |
| 1940 | Nuclear technicians | 19-4051 |
| 1960 | Other life, physical, and social science technicians | 19-40XX |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Community and Social Services Occupations** | |
| 2000 | Counselors | 21-1010 |
| 2010 | Social workers | 21-1020 |
| 2020 | Miscellaneous community and social service specialists | 21-1090 |
| 2040 | Clergy | 21-2011 |
| 2050 | Directors, religious activities and education | 21-2021 |
| 2060 | Religious workers, all other | 21-2099 |
| | **Legal Occupations** | |
| 2100 | Lawyers, Judges, magistrates, and other judicial workers | 23-1011 |
| 2140 | Paralegals and legal assistants | 23-2011 |
| 2150 | Miscellaneous legal support workers | 23-2090 |
| | **Education, Training, and Library Occupations** | |
| 2200 | Postsecondary teachers | 25-1000 |
| 2300 | Preschool and kindergarten teachers | 25-2010 |
| 2310 | Elementary and middle school teachers | 25-2020 |
| 2320 | Secondary school teachers | 25-2030 |
| 2330 | Special education teachers | 25-2040 |
| 2340 | Other teachers and instructors | 25-3000 |
| 2400 | Archivists, curators, and museum technicians | 25-4010 |
| 2430 | Librarians | 25-4021 |
| 2440 | Library technicians | 25-4031 |
| 2540 | Teacher assistants | 25-9041 |
| 2550 | Other education, training, and library workers | 25-90XX |
| | **Arts, Design, Entertainment, Sports, and Media Occupations** | |
| 2600 | Artists and related workers | 27-1010 |
| 2630 | Designers | 27-1020 |
| 2700 | Actors | 27-2011 |
| 2710 | Producers and directors | 27-2012 |
| 2720 | Athletes, coaches, umpires, and related workers | 27-2020 |
| 2740 | Dancers and choreographers | 27-2030 |
| 2750 | Musicians, singers, and related workers | 27-2040 |
| 2760 | Entertainers and performers, sports and related workers, all other | 27-2099 |
| 2800 | Announcers | 27-3010 |
| 2810 | News analysts, reporters and correspondents | 27-3020 |
| 2820 | Public relations specialists | 27-3031 |
| 2830 | Editors | 27-3041 |
| 2840 | Technical writers | 27-3042 |
| 2850 | Writers and authors | 27-3043 |
| 2860 | Miscellaneous media and communication workers | 27-3090 |
| 2900 | Broadcast and sound engineering technicians and radio operators | 27-4010 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| 2910 | Photographers | 27-4021 |
| 2920 | Television, video, and motion picture camera operators and editors | 27-4030 |
| 2960 | Media and communication equipment workers, all other | 27-4099 |
| | **Healthcare Practitioners and Technical Occupations** | |
| 3000 | Chiropractors | 29-1011 |
| 3010 | Dentists | 29-1020 |
| 3030 | Dietitians and nutritionists | 29-1031 |
| 3040 | Optometrists | 29-1041 |
| 3050 | Pharmacists | 29-1051 |
| 3060 | Physicians and surgeons | 29-1060 |
| 3110 | Physician assistants | 29-1071 |
| 3120 | Podiatrists | 29-1081 |
| 3130 | Registered nurses | 29-1111 |
| 3140 | Audiologists | 29-1121 |
| 3150 | Occupational therapists | 29-1122 |
| 3160 | Physical therapists | 29-1123 |
| 3200 | Radiation therapists | 29-1124 |
| 3210 | Recreational therapists | 29-1125 |
| 3220 | Respiratory therapists | 29-1126 |
| 3230 | Speech-language pathologists | 29-1127 |
| 3240 | Therapists, all other | 29-1129 |
| 3250 | Veterinarians | 29-1131 |
| 3260 | Health diagnosing and treating practitioners, all other | 29-1199 |
| 3300 | Clinical laboratory technologists and technicians | 29-2010 |
| 3310 | Dental hygienists | 29-2021 |
| 3320 | Diagnostic related technologists and technicians | 29-2030 |
| 3400 | Emergency medical technicians and paramedics | 29-2041 |
| 3410 | Health diagnosing and treating practitioner support technicians | 29-2050 |
| 3500 | Licensed practical and licensed vocational nurses | 29-2061 |
| 3510 | Medical records and health information technicians | 29-2071 |
| 3520 | Opticians, dispensing | 29-2081 |
| 3530 | Miscellaneous health technologists and technicians | 29-2090 |
| 3540 | Other healthcare practitioners and technical occupations | 29-9000 |
| | **Healthcare Support Occupations** | |
| 3600 | Nursing, psychiatric, and home health aides | 31-1010 |
| 3610 | Occupational therapist assistants and aides | 31-2010 |
| 3620 | Physical therapist assistants and aides | 31-2020 |
| 3630 | Massage therapists | 31-9011 |
| 3640 | Dental assistants | 31-9091 |
| 3650 | Medical assistants and other healthcare support occupations | 31-909X |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Protective Service Occupations** | |
| 3700 | First-line supervisors/managers of correctional officers | 33-1011 |
| 3710 | First-line supervisors/managers of police and detectives | 33-1012 |
| 3720 | First-line supervisors/managers of fire fighting and prevention workers | 33-1021 |
| 3730 | Supervisors, protective service workers, all other | 33-1099 |
| 3740 | Fire fighters | 33-2011 |
| 3750 | Fire inspectors | 33-2020 |
| 3800 | Bailiffs, correctional officers, and jailers | 33-3010 |
| 3820 | Detectives and criminal investigators | 33-3021 |
| 3830 | Fish and game wardens | 33-3031 |
| 3840 | Parking enforcement workers | 33-3041 |
| 3850 | Police and sheriff's patrol officers | 33-3051 |
| 3860 | Transit and railroad police | 33-3052 |
| 3900 | Animal control workers | 33-9011 |
| 3910 | Private detectives and investigators | 33-9021 |
| 3920 | Security guards and gaming surveillance officers | 33-9030 |
| 3940 | Crossing guards | 33-9091 |
| 3950 | Lifeguards and other protective service workers | 33-909X |
| | **Food Preparation and Serving Related Occupations** | |
| 4000 | Chefs and head cooks | 35-1011 |
| 4010 | First-line supervisors/managers of food preparation and serving workers | 35-1012 |
| 4020 | Cooks | 35-2010 |
| 4030 | Food preparation workers | 35-2021 |
| 4040 | Bartenders | 35-3011 |
| 4050 | Combined food preparation and serving workers, including fast food | 35-3021 |
| 4060 | Counter attendants, cafeteria, food concession, and coffee shop | 35-3022 |
| 4110 | Waiters and waitresses | 35-3031 |
| 4120 | Food servers, nonrestaurant | 35-3041 |
| 4130 | Dining room and cafeteria attendants and bartender helpers | 35-9011 |
| 4140 | Dishwashers | 35-9021 |
| 4150 | Hosts and hostesses, restaurant, lounge, and coffee shop | 35-9031 |
| 4160 | Food preparation and serving related workers, all other | 35-9099 |
| | **Building and Grounds Cleaning and Maintenance Occupations** | |
| 4200 | First-line supervisors/managers of housekeeping and janitorial workers | 37-1011 |
| 4210 | First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers | 37-1012 |
| 4220 | Janitors and building cleaners | 31-201X |
| 4230 | Maids and housekeeping cleaners | 37-2012 |
| 4240 | Pest control workers | 37-2021 |
| 4250 | Grounds maintenance workers | 37-3010 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Personal Care and Service Occupations** | |
| 4300 | First-line supervisors/managers of gaming workers | 39-1010 |
| 4320 | First-line supervisors/managers of personal service workers | 39-1021 |
| 4340 | Animal trainers | 39-2011 |
| 4350 | Nonfarm animal caretakers | 39-2021 |
| 4400 | Gaming services workers | 39-3010 |
| 4410 | Motion picture projectionists | 39-3021 |
| 4420 | Ushers, lobby attendants, and ticket takers | 39-3031 |
| 4430 | Miscellaneous entertainment attendants and related workers | 39-3090 |
| 4460 | Funeral service workers | 39-4000 |
| 4500 | Barbers | 39-5011 |
| 4510 | Hairdressers, hairstylists, and cosmetologists | 39-5012 |
| 4520 | Miscellaneous personal appearance workers | 39-5090 |
| 4530 | Baggage porters, bellhops, and concierges | 39-6010 |
| 4540 | Tour and travel guides | 39-6020 |
| 4550 | Transportation attendants | 39-6030 |
| 4600 | Child care workers | 39-9011 |
| 4610 | Personal and home care aides | 39-9021 |
| 4620 | Recreation and fitness workers | 39-9030 |
| 4640 | Residential advisors | 39-9041 |
| 4650 | Personal care and service workers, all other | 39-9099 |
| | **Sales and Related Occupations** | |
| 4700 | First-line supervisors/managers of retail sales workers | 41-1011 |
| 4710 | First-line supervisors/managers of non-retail sales workers | 41-1012 |
| 4720 | Cashiers | 41-2010 |
| 4740 | Counter and rental clerks | 41-2021 |
| 4750 | Parts salespersons | 41-2022 |
| 4760 | Retail salespersons | 41-2031 |
| 4800 | Advertising sales agents | 41-3011 |
| 4810 | Insurance sales agents | 41-3021 |
| 4820 | Securities, commodities, and financial services sales agents | 41-3031 |
| 4830 | Travel agents | 41-3041 |
| 4840 | Sales representatives, services, all other | 41-3099 |
| 4850 | Sales representatives, wholesale and manufacturing | 41-4010 |
| 4900 | Models, demonstrators, and product promoters | 41-9010 |
| 4920 | Real estate brokers and sales agents | 41-9020 |
| 4930 | Sales engineers | 41-9031 |
| 4940 | Telemarketers | 41-9041 |
| 4950 | Door-to-door sales workers, news and street vendors, and related workers | 41-9091 |
| 4960 | Sales and related workers, all other | 41-9099 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Office and Administrative Support Occupations** | |
| 5000 | First-line supervisors/managers of office and administrative support workers | 43-1011 |
| 5010 | Switchboard operators, including answering service | 43-2011 |
| 5020 | Telephone operators | 43-2021 |
| 5030 | Communications equipment operators, all other | 43-2099 |
| 5100 | Bill and account collectors | 43-3011 |
| 5110 | Billing and posting clerks and machine operators | 43-3021 |
| 5120 | Bookkeeping, accounting, and auditing clerks | 43-3031 |
| 5130 | Gaming cage workers | 43-3041 |
| 5140 | Payroll and timekeeping clerks | 43-3051 |
| 5150 | Procurement clerks | 43-3061 |
| 5160 | Tellers | 43-3071 |
| 5200 | Brokerage clerks | 43-4011 |
| 5210 | Correspondence clerks | 43-4021 |
| 5220 | Court, municipal, and license clerks | 43-4031 |
| 5230 | Credit authorizers, checkers, and clerks | 43-4041 |
| 5240 | Customer service representatives | 43-4051 |
| 5250 | Eligibility interviewers, government programs | 43-4061 |
| 5260 | File Clerks | 43-4071 |
| 5300 | Hotel, motel, and resort desk clerks | 43-4081 |
| 5310 | Interviewers, except eligibility and loan | 43-4111 |
| 5320 | Library assistants, clerical | 43-4121 |
| 5330 | Loan interviewers and clerks | 43-4131 |
| 5340 | New accounts clerks | 43-4141 |
| 5350 | Order clerks | 43-4151 |
| 5360 | Human resources assistants, except payroll and timekeeping | 43-4161 |
| 5400 | Receptionists and information clerks | 43-4171 |
| 5410 | Reservation and transportation ticket agents and travel clerks | 43-4181 |
| 5420 | Information and record clerks, all other | 43-4199 |
| 5500 | Cargo and freight agents | 43-5011 |
| 5510 | Couriers and messengers | 43-5021 |
| 5520 | Dispatchers | 43-5030 |
| 5530 | Meter readers, utilities | 43-5041 |
| 5540 | Postal service clerks | 43-5051 |
| 5550 | Postal service mail carriers | 43-5052 |
| 5560 | Postal service mail sorters, processors, and processing machine operators | 43-5053 |
| 5600 | Production, planning, and expediting clerks | 43-5061 |
| 5610 | Shipping, receiving, and traffic clerks | 43-5071 |
| 5620 | Stock clerks and order fillers | 43-5081 |
| 5630 | Weighers, measurers, checkers, and samplers, recordkeeping | 43-5111 |
| 5700 | Secretaries and administrative assistants | 43-6010 |
| 5800 | Computer operators | 43-9011 |
| 5810 | Data entry keyers | 43-9021 |
| 5820 | Word processors and typists | 43-9022 |
| 5830 | Desktop publishers | 43-9031 |
| 5840 | Insurance claims and policy processing clerks | 43-9041 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| 5850 | Mail clerks and mail machine operators, except postal service | 43-9051 |
| 5860 | Office clerks, general | 43-9061 |
| 5900 | Office machine operators, except computer | 43-9071 |
| 5910 | Proofreaders and copy markers | 43-9081 |
| 5920 | Statistical assistants | 43-9111 |
| 5930 | Office and administrative support workers, all other | 43-9199 |
| | **Farming, Fishing, and Forestry Occupations** | |
| 6000 | First-line supervisors/managers of farming, fishing, and forestry workers | 45-1010 |
| 6010 | Agricultural inspectors | 45-2011 |
| 6020 | Animal breeders | 45-2021 |
| 6040 | Graders and sorters, agricultural products | 45-2041 |
| 6050 | Miscellaneous agricultural workers | 45-2090 |
| 6100 | Fishers and related fishing workers | 45-3011 |
| 6110 | Hunters and trappers | 45-3021 |
| 6120 | Forest and conservation workers | 45-4011 |
| 6130 | Logging workers | 45-4020 |
| | **Construction Trades** | |
| 6200 | First-line supervisors/managers of construction trades and extraction workers | 47-1011 |
| 6210 | Boilermakers | 47-2011 |
| 6220 | Brickmasons, blockmasons, and stonemasons | 47-2020 |
| 6230 | Carpenters | 47-2031 |
| 6240 | Carpet, floor, and tile installers and finishers | 47-2040 |
| 6250 | Cement masons, concrete finishers, and terrazzo workers | 47-2050 |
| 6260 | Construction laborers | 47-2061 |
| 6300 | Paving, surfacing, and tamping equipment operators | 47-2071 |
| 6310 | Pile-driver operators | 47-2072 |
| 6320 | Operating engineers and other construction equipment operators | 47-2073 |
| 6330 | Drywall installers, ceiling tile installers, and tapers | 47-2080 |
| 6350 | Electricians | 47-2111 |
| 6360 | Glaziers | 47-2121 |
| 6400 | Insulation workers | 47-2130 |
| 6420 | Painters, construction and maintenance | 47-2141 |
| 6430 | Paperhangers | 47-2142 |
| 6440 | Pipelayers, plumbers, pipefitters, and steamfitters | 47-2150 |
| 6460 | Plasterers and stucco masons | 47-2161 |
| 6500 | Reinforcing iron and rebar workers | 47-2171 |
| 6510 | Roofers | 47-2181 |
| 6520 | Sheet metal workers | 47-2211 |
| 6530 | Structural iron and steel workers | 47-2221 |
| 6600 | Helpers, construction trades | 47-3010 |
| 6660 | Construction and building inspectors | 47-4011 |
| 6700 | Elevator installers and repairers | 47-4021 |
| 6710 | Fence erectors | 47-4031 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| 6720 | Hazardous materials removal workers | 47-4041 |
| 6730 | Highway maintenance workers | 47-4051 |
| 6740 | Rail-track laying and maintenance equipment operators | 47-4061 |
| 6750 | Septic tank servicers and sewer pipe cleaners | 47-4071 |
| 6760 | Miscellaneous construction and related workers | 47-4090 |
| | **Extraction Workers** | |
| 6800 | Derrick, rotary drill, and service unit operators, oil, gas, and mining | 47-5010 |
| 6820 | Earth drillers, except oil and gas | 47-5021 |
| 6830 | Explosives workers, ordnance handling experts, and blasters | 47-5031 |
| 6840 | Mining machine operators | 47-5040 |
| 6910 | Roof bolters, mining | 47-5061 |
| 6920 | Roustabouts, oil and gas | 47-5071 |
| 6930 | Helpers--extraction workers | 47-5081 |
| 6940 | Other extraction workers | 47-50XX |
| | **Installation, Maintenance, and Repair Workers** | |
| 7000 | First-line supervisors/managers of mechanics, installers, and repairers | 49-1011 |
| 7010 | Computer, automated teller, and office machine repairers | 49-2011 |
| 7020 | Radio and telecommunications equipment installers and repairers | 49-2020 |
| 7030 | Avionics technicians | 49-2091 |
| 7040 | Electric motor, power tool, and related repairers | 49-2092 |
| 7050 | Electrical and electronics installers and repairers, transportation equipment | 49-2093 |
| 7100 | Electrical and electronics repairers, industrial and utility | 49-209X |
| 7110 | Electronic equipment installers and repairers, motor vehicles | 49-2096 |
| 7120 | Electronic home entertainment equipment installers and repairers | 49-2097 |
| 7130 | Security and fire alarm systems installers | 49-2098 |
| 7140 | Aircraft mechanics and service technicians | 49-3011 |
| 7150 | Automotive body and related repairers | 49-3021 |
| 7160 | Automotive glass installers and repairers | 49-3022 |
| 7200 | Automotive service technicians and mechanics | 49-3023 |
| 7210 | Bus and truck mechanics and diesel engine specialists | 49-3031 |
| 7220 | Heavy vehicle and mobile equipment service technicians and mechanics | 49-3040 |
| 7240 | Small engine mechanics | 49-3050 |
| 7260 | Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers | 49-3090 |
| 7300 | Control and valve installers and repairers | 49-9010 |
| 7310 | Heating, air conditioning, and refrigeration mechanics and installers | 49-9021 |
| 7320 | Home appliance repairers | 49-9031 |
| 7330 | Industrial and refractory machinery mechanics | 49-904X |
| 7340 | Maintenance and repair workers, general | 49-9042 |
| 7350 | Maintenance workers, machinery | 49-9043 |
| 7360 | Millwrights | 49-9044 |
| 7410 | Electrical power-line installers and repairers | 49-9051 |
| 7420 | Telecommunications line installers and repairers | 49-9052 |
| 7430 | Precision instrument and equipment repairers | 49-9060 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| 7510 | Coin, vending, and amusement machine servicers and repairers | 49-9091 |
| 7520 | Commercial divers | 49-9092 |
| 7540 | Locksmiths and safe repairers | 49-9094 |
| 7550 | Manufactured building and mobile home installers | 49-9095 |
| 7560 | Riggers | 49-9096 |
| 7600 | Signal and track switch repairers | 49-9097 |
| 7610 | Helpers--installation, maintenance, and repair workers | 49-9098 |
| 7620 | Other installation, maintenance, and repair workers | 49-909X |
| | **Production Occupations** | |
| 7700 | First-line supervisors/managers of production and operating workers | 51-1011 |
| 7710 | Aircraft structure, surfaces, rigging, and systems assemblers | 51-2011 |
| 7720 | Electrical, electronics, and electromechanical assemblers | 51-2020 |
| 7730 | Engine and other machine assemblers | 51-2031 |
| 7740 | Structural metal fabricators and fitters | 51-2041 |
| 7750 | Miscellaneous assemblers and fabricators | 51-2090 |
| 7800 | Bakers | 51-3011 |
| 7810 | Butchers and other meat, poultry, and fish processing workers | 51-3020 |
| 7830 | Food and tobacco roasting, baking, and drying machine operators and tenders | 51-3091 |
| 7840 | Food batchmakers | 51-3092 |
| 7850 | Food cooking machine operators and tenders | 51-3093 |
| 7900 | Computer control programmers and operators | 51-4010 |
| 7920 | Extruding and drawing machine setters, operators, and tenders, metal and plastic | 51-4021 |
| 7930 | Forging machine setters, operators, and tenders, metal and plastic | 51-4022 |
| 7940 | Rolling machine setters, operators, and tenders, metal and plastic | 51-4023 |
| 7950 | Cutting, punching, and press machine setters, operators, and tenders, metal and plastic | 51-4031 |
| 7960 | Drilling and boring machine tool setters, operators, and tenders, metal and plastic | 51-4032 |
| 8000 | Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic | 51-4033 |
| 8010 | Lathe and turning machine tool setters, operators, and tenders, metal and plastic | 51-4034 |
| 8020 | Milling and planing machine setters, operators, and tenders, metal and plastic | 51-4035 |
| 8030 | Machinists | 51-4041 |
| 8040 | Metal furnace and kiln operators and tenders | 51-4050 |
| 8060 | Model makers and patternmakers, metal and plastic | 51-4060 |
| 8100 | Molders and molding machine setters, operators, and tenders, metal and plastic | 51-4070 |
| 8120 | Multiple machine tool setters, operators, and tenders, metal and plastic | 51-4081 |
| 8130 | Tool and die makers | 51-4111 |
| 8140 | Welding, soldering, and brazing workers | 51-4120 |
| 8150 | Heat treating equipment setters, operators, and tenders, metal and plastic | 51-4191 |
| 8160 | Lay-out workers, metal and plastic | 51-4192 |
| 8200 | Plating and coating machine setters, operators, and tenders, metal and plastic | 51-4193 |
| 8210 | Tool grinders, filers, and sharpeners | 51-4194 |
| 8220 | Metalworkers and plastic workers, all other | 51-4199 |
| 8230 | Bookbinders and bindery workers | 51-5010 |
| 8240 | Job printers | 51-5021 |
| 8250 | Prepress technicians and workers | 51-5022 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| 8260 | Printing machine operators | 51-5023 |
| 8300 | Laundry and dry-cleaning workers | 51-6011 |
| 8310 | Pressers, textile, garment, and related materials | 51-6021 |
| 8320 | Sewing machine operators | 51-6031 |
| 8330 | Shoe and leather workers and repairers | 51-6041 |
| 8340 | Shoe machine operators and tenders | 51-6042 |
| 8350 | Tailors, dressmakers, and sewers | 51-6050 |
| 8360 | Textile bleaching and dyeing machine operators and tenders | 51-6061 |
| 8400 | Textile cutting machine setters, operators, and tenders | 51-6062 |
| 8410 | Textile knitting and weaving machine setters, operators, and tenders | 51-6063 |
| 8420 | Textile winding, twisting, and drawing out machine setters, operators, and tenders | 51-6064 |
| 8430 | Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers | 51-6091 |
| 8440 | Fabric and apparel patternmakers | 51-6092 |
| 8450 | Upholsterers | 51-6093 |
| 8460 | Textile, apparel, and furnishings workers, all other | 51-6099 |
| 8500 | Cabinetmakers and bench carpenters | 51-7011 |
| 8510 | Furniture finishers | 51-7021 |
| 8520 | Model makers and patternmakers, wood | 51-7030 |
| 8530 | Sawing machine setters, operators, and tenders, wood | 51-7041 |
| 8540 | Woodworking machine setters, operators, and tenders, except sawing | 51-7042 |
| 8550 | Woodworkers, all other | 51-7099 |
| 8600 | Power plant operators, distributors, and dispatchers | 51-8010 |
| 8610 | Stationary engineers and boiler operators | 51-8021 |
| 8620 | Water and liquid waste treatment plant and system operators | 51-8031 |
| 8630 | Miscellaneous plant and system operators | 51-8090 |
| 8640 | Chemical processing machine setters, operators, and tenders | 51-9010 |
| 8650 | Crushing, grinding, polishing, mixing, and blending workers | 51-9020 |
| 8710 | Cutting workers | 51-9030 |
| 8720 | Extruding, forming, pressing, and compacting machine setters, operators, and tenders | 51-9041 |
| 8730 | Furnace, kiln, oven, drier, and kettle operators and tenders | 51-9051 |
| 8740 | Inspectors, testers, sorters, samplers, and weighers | 51-9061 |
| 8750 | Jewelers and precious stone and metal workers | 51-9071 |
| 8760 | Medical, dental, and ophthalmic laboratory technicians | 51-9080 |
| 8800 | Packaging and filling machine operators and tenders | 51-9111 |
| 8810 | Painting workers | 51-9120 |
| 8830 | Photographic process workers and processing machine operators | 51-9130 |
| 8840 | Semiconductor processors | 51-9141 |
| 8850 | Cementing and gluing machine operators and tenders | 51-9191 |
| 8860 | Cleaning, washing, and metal pickling equipment operators and tenders | 51-9192 |
| 8900 | Cooling and freezing equipment operators and tenders | 51-9193 |
| 8910 | Etchers and engravers | 51-9194 |
| 8920 | Molders, shapers, and casters, except metal and plastic | 51-9195 |
| 8930 | Paper goods machine setters, operators, and tenders | 51-9196 |
| 8940 | Tire builders | 51-9197 |
| 8950 | Helpers--production workers | 51-9198 |
| 8960 | Production workers, all other | 51-9199 |

| 2002 CENSUS CODE | DESCRIPTION | 2000 SOC CODE |
|---|---|---|
| | **Transportation and Material Moving Occupations** | |
| 9000 | Supervisors, transportation and material moving workers | 53-1000 |
| 9030 | Aircraft pilots and flight engineers | 53-2010 |
| 9040 | Air traffic controllers and airfield operations specialists | 53-2020 |
| 9110 | Ambulance drivers and attendants, except emergency medical technicians | 53-3011 |
| 9120 | Bus drivers | 53-3020 |
| 9130 | Driver/sales workers and truck drivers | 53-3030 |
| 9140 | Taxi drivers and chauffeurs | 53-3041 |
| 9150 | Motor vehicle operators, all other | 53-3099 |
| 9200 | Locomotive engineers and operators | 53-4010 |
| 9230 | Railroad brake, signal, and switch operators | 53-4021 |
| 9240 | Railroad conductors and yardmasters | 53-4031 |
| 9260 | Subway, streetcar, and other rail transportation workers | 53-30XX |
| 9300 | Sailors and marine oilers | 53-5011 |
| 9310 | Ship and boat captains and operators | 53-5020 |
| 9330 | Ship engineers | 53-5031 |
| 9340 | Bridge and lock tenders | 53-6011 |
| 9350 | Parking lot attendants | 53-6021 |
| 9360 | Service station attendants | 53-6031 |
| 9410 | Transportation inspectors | 53-6051 |
| 9420 | Other transportation workers | 53-60XX |
| 9500 | Conveyor operators and tenders | 53-7011 |
| 9510 | Crane and tower operators | 53-7021 |
| 9520 | Dredge, excavating, and loading machine operators | 53-7030 |
| 9560 | Hoist and winch operators | 53-7041 |
| 9600 | Industrial truck and tractor operators | 53-7051 |
| 9610 | Cleaners of vehicles and equipment | 53-7061 |
| 9620 | Laborers and freight, stock, and material movers, hand | 53-7062 |
| 9630 | Machine feeders and offbearers | 53-7063 |
| 9640 | Packers and packagers, hand | 53-7064 |
| 9650 | Pumping station operators | 53-7070 |
| 9720 | Refuse and recyclable material collectors | 53-7081 |
| 9730 | Shuttle car operators | 53-7111 |
| 9740 | Tank car, truck, and ship loaders | 53-7121 |
| 9750 | Material moving workers, all other | 53-7199 |
| | **Armed Forces** | |
| *9840 | Armed Forces | |

* Code change from 2000

## Detailed Occupation Recodes
## (01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

| CODE | CODE DESCRIPTION | OCCUPATION CODE |
|---|---|---|
| 1 | Management occupations | 0010-0430 |
| 2 | Business and financial operations occupations | 0500-0950 |
| 3 | Computer and mathematical science occupations | 1000-1240 |
| 4 | Architecture and engineering occupations | 1300-1560 |
| 5 | Life, physical, and social science occupations | 1600-1960 |
| 6 | Community and social service occupation | 2000-2060 |
| 7 | Legal occupations | 2100-2150 |
| 8 | Education, training, and library occupations | 2200-2550 |
| 9 | Arts, design, entertainment, sports, and media occupations | 2600-2960 |
| 10 | Healthcare practitioner and technical occupations | 3000-3540 |
| 11 | Healthcare support occupations | 3600-3650 |
| 12 | Protective service occupations | 3700-3950 |
| 13 | Food preparation and serving related occupations | 4000-4160 |
| 14 | Building and grounds cleaning and maintenance occupations | 4200-4250 |
| 15 | Personal care and service occupations | 4300-4650 |
| 16 | Sales and related occupations | 4700-4960 |
| 17 | Office and administrative support occupations | 5000-5930 |
| 18 | Farming, fishing, and forestry occupations | 6000-6130 |
| 19 | Construction and extraction occupations | 6200-6940 |
| 20 | Installation, maintenance, and repair occupations | 7000-7620 |
| 21 | Production occupations | 7700-8960 |
| 22 | Transportation and material moving occupations | 9000-9750 |
| 23 | Armed Forces | 9840 |

## Major Occupation Group Recodes
## (01-11)

These codes correspond to Items PRMJOCC1 and PRMJOCC2 located in positions 486-489 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJOCC and are located in positions 159-160.

| CODE | CODE DESCRIPTION | OCCUPATION CODE |
|---|---|---|
| 1 | Management, business, and financial occupations | 0010-0950 |
| 2 | Professional and related occupations | 1000-3540 |
| 3 | Service occupations | 3600-4650 |
| 4 | Sales and related occupations | 4700-4960 |
| 5 | Office and administrative support occupations | 5000-5930 |
| 6 | Farming, fishing, and forestry occupations | 6000-6130 |
| 7 | Construction and extraction occupations | 6200-6940 |
| 8 | Installation, maintenance, and repair occupations | 7000-7620 |
| 9 | Production occupations | 7700-8960 |
| 10 | Transportation and material moving occupations | 9000-9750 |
| 11 | Armed Forces | 9840 |

## ATTACHMENT 11

CURRENT POPULATION SURVEY

Selected Unweighted Tallies from the
2004 Cell Phone Use Supplement

| ITEM | VALUE | TALLIES |
|---|---|---|
| HEPORT | Is this interview being conducted in person or on the telephone? | |
| | -1 = Not in universe | 1,715 |
| | 1 = Personal | 7,816 |
| | 2 = Telephone | 23,438 |
| HEQ1 | How many different landline telephone numbers does your household have? | |
| | -3 = Refused | 38 |
| | -2 = Don't know | 13 |
| | -1 = Not in universe | 1,715 |
| | 0 = Number of landline phone numbers | 1,851 |
| | 1 = Number of landline phone numbers | 25,842 |
| | 2 = Number of landline phone numbers | 2,974 |
| | 3 = Number of landline phone numbers | 414 |
| | 4 = Number of landline phone numbers | 95 |
| | 5 = Number of landline phone numbers | 17 |
| | 6 = Number of landline phone numbers | 7 |
| | 7 = Number of landline phone numbers | 3 |
| HEQ2 | Do you (or any other members of your household) have a working cell phone? | |
| | -9 = No response | 41 |
| | -3 = Refused | 261 |
| | -2 = Don't know | 91 |
| | -1 = Not in universe | 1,715 |
| | 1 = Yes | 19,174 |
| | 2 = No | 11,687 |

| ITEM | VALUE | TALLIES |
|---|---|---|
| HEQ3 | Of all the phone calls that you (or any other members of your household) receive, about how many are received on a cell phone? | |
| | -9 = No response | 9 |
| | -3 = Refused | 36 |
| | -2 = Don't know | 216 |
| | -1 = Not in universe | 18,388 |
| | 1 = All or almost all calls | 1,159 |
| | 2 = More than half | 3,442 |
| | 3 = Less than half | 5,117 |
| | 4 = Very few or none | 4,602 |
| HRSUPINT | Cell phone supplement interview flag | |
| | 1 = Interview | 31,254 |
| | 2 = Noninterview | 1,715 |

# ATTACHMENT 12

## COUNTRIES AND AREAS OF THE WORLD

### Current Population Survey

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

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

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

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

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

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

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

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

| Code | Name | Code | Name |
|---|---|---|---|
| 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 |

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

# ATTACHMENT 13

## 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 14

Source and Accuracy Statement for the 2004
CPS Microdata File for Cell Phone Use in the U.S.

## SOURCE OF DATA

The data for this microdata file come primarily from the February 2004 Current Population Survey (CPS), with a quantity of additional sample from the November 2004 CPS. The survey uses two sets of questions, the basic CPS given every month and the supplements for those months. The CPS, sponsored jointly by the U.S. Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the entire population.

**Basic CPS**. The monthly CPS collects primarily labor force data about the civilian noninstitutional population living in the United States. Interviewers ask questions concerning labor force participation about each member 15 years old and over in sample households.

The CPS uses a multistage probability sample based on the results of the 1990 Decennial Census files, with coverage in all 50 states and the District of Columbia. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS[1].

In the first stage of the sampling process, the United States was divided into 2,007 primary sampling units (PSUs)[2]. These were grouped into 754 strata, and one PSU was selected for sample from each stratum, with its probability of selection proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

Approximately 73,000 housing units were selected for sample from the mixed sampling frame in February 2004. Based on eligibility criteria, 11 percent of these housing units were sent directly to Computer-Assisted Telephone Interviewing (CATI). The remaining units were assigned to interviewers for Computer-Assisted Personal Interviewing (CAPI)[3]. Of all housing units in sample, about 60,000 were determined to be eligible for interview. Interviewers obtained interviews at about 56,000 of these units. Noninterviews occurred when the occupants were not found at home after repeated calls or were unavailable for some other reason.

**Cell Phone 2004 Supplement**. In addition to the basic CPS questions, interviewers asked supplementary questions on cell phone use. One small category of cases that had belonged in the sample was excluded from the February supplement interviews. These cases were replaced with equivalent sample in November 2004.

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1 For detailed information on the 1990 sample redesign, see the Department of Labor, Bureau of Labor Statistics report, *Employment and Earnings*, Volume 41 Number 5, May 1994.

2 The PSUs correspond to substate areas, counties, or groups of counties that are geographically contiguous.

3 For further information on CATI and CAPI and the eligibility criteria, please see: Technical Paper 63RV, *Current Population Survey: Design and Methodology*, U.S. Census Bureau, U.S. Department of Commerce, 2002. (http://www.census.gov/prod/2002pubs/tp63rv.pdf)

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

**Estimation Procedure**. The cell phone use supplement is different from the other CPS supplements as it only uses five out the eight CPS rotations in sample in February. Therefore, all survey estimates are weighted by 8/5 to make up for this deficiency. (November interviews were directly weighted up to have the same weight as the households from all eight rotation groups with the characteristics of the households omitted from February supplement interviewing that they replaced.) Then, a procedure is used which adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutional population of the United States and states (including the District of Columbia). These population estimates, used as controls for the CPS, are prepared annually to agree with the most current set of population estimates that are released as part of the Census Bureau's population estimates and projections program.

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, Asian alone, and all other groups combined), and
- Age, sex, and Hispanic origin.

The projections for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

The independent estimates by age, sex, race, and Hispanic origin and for states by selected age groups and broad race categories are developed using the basic demographic accounting formula whereby the population from the latest decennial data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

The net international migration component in the population estimates includes a combination of:

- Legal migration to the United States,
- Emigration of foreign born and native people from the United States,
- Net movement between the United States and Puerto Rico,
- Estimates of temporary migration, and
- Estimates of net residual foreign-born population, which include unauthorized migration.

Because the latest available information on these components lag the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

## ACCURACY OF THE ESTIMATES

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

**Sampling Error**. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in "Standard Errors and Their Use," are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

**Nonsampling Error**. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. Sources of nonsampling errors include the following:

- Inability to get information about all sample cases (nonresponse)
- Definitional difficulties
- Differences in the interpretation of questions
- Respondent inability or unwillingness to provide correct information
- Respondent 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).

To minimize these errors, the Census Bureau employs quality control procedures in sample selection, wording of questions, interviewing, coding, data processing, and data analysis.

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

**Nonresponse**. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the February 2004 basic CPS, the nonresponse rate was 7.8 percent. The nonresponse rate for the cell phone use supplement was an additional 3.7 percent. These two nonresponse rates lead to a combined supplement nonresponse rate of 11.2 percent.

**Coverage**. The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample "covers" the survey's target population. CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage for February 2004 is estimated to be about 11 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks than for Non-Blacks.

The CPS weighting procedure partially corrects for bias due to undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic ancestry, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before post-stratification divided by the independent population control. Table 1 shows February 2004

CPS coverage ratios for certain age-sex-race groups. The CPS coverage ratios can exhibit some variability from month to month.

**Table 1. CPS Coverage Ratios: February 2004**

| Age Group | All People | Totals | | White Only | | Black Only | | Residual Race | | Hispanic | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| **0-15** | 0.93 | 0.93 | 0.93 | 0.92 | 0.94 | 0.79 | 0.83 | 1.04 | 1.03 | 0.95 | 0.99 |
| **16-19** | 0.87 | 0.88 | 0.85 | 0.88 | 0.87 | 0.74 | 0.72 | 0.88 | 0.96 | 0.99 | 0.85 |
| **20-24** | 0.79 | 0.75 | 0.82 | 0.76 | 0.84 | 0.63 | 0.74 | 0.82 | 0.83 | 0.77 | 0.94 |
| **25-34** | 0.84 | 0.80 | 0.88 | 0.84 | 0.90 | 0.69 | 0.80 | 0.82 | 0.85 | 0.73 | 0.86 |
| **35-44** | 0.89 | 0.87 | 0.92 | 0.88 | 0.94 | 0.75 | 0.80 | 0.87 | 0.91 | 0.84 | 0.89 |
| **45-54** | 0.92 | 0.90 | 0.94 | 0.91 | 0.94 | 0.78 | 0.89 | 0.94 | 0.99 | 0.79 | 0.94 |
| **55-64** | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.91 | 0.93 | 0.87 | 0.87 | 0.91 | 0.91 |
| **65+** | 0.90 | 0.91 | 0.90 | 0.95 | 0.89 | 0.95 | 1.01 | 1.00 | 0.85 | 0.81 | 0.79 |
| **15+** | 0.88 | 0.87 | 0.90 | 0.88 | 0.91 | 0.76 | 0.85 | 0.88 | 0.90 | 0.81 | 0.89 |
| **0+** | 0.89 | 0.88 | 0.91 | 0.89 | 0.91 | 0.77 | 0.84 | 0.92 | 0.93 | 0.85 | 0.92 |

Notes: (1) The Residual Race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.
(2) Hispanics may be of any race.

**Comparability of Data**. Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Caution should also be used when comparing data from this microdata file, which reflects Census 2000-based controls, with microdata files from March 1994 through December 2001, which reflect 1990 census-based controls. Caution should also be used when comparing the data from this microdata file to certain microdata files from 2002, namely June, October, and November, which contain both Census 2000-based estimates and 1990 census-based estimates. When comparing estimates, the same controls should be used when possible. Microdata files from previous years reflect the latest available census-based population controls. Although this change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of Census 2000-based controls results in about a one percent increase from the 1990 census-based controls in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 2002 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.

Based on the results of each decennial census, the Census Bureau 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 were unaffected by this mixed sample, geographic estimates are subject to greater error and variability. Users should exercise caution when comparing estimates across years fro metropolitan/nonmetropolitan categories.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic ancestry were used before 1985.

**A Nonsampling Error Warning**. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. Even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures probably do not reveal useful information when computed on a subpopulation smaller than 75,000. For additional information on nonsampling error including the possible impact on CPS data when known, refer to

- Statistical Policy Working Paper 3, An Error Profile: Employment as Measured by the Current Population Survey, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978. (http://www.fcsm.gov/working-papers/spp.html)

- Technical Paper 63RV, The Current Population Survey: Design and Methodology, U.S. Census Bureau, U.S. Department of Commerce, 2002. (http://www.census.gov/prod/2002pubs/tp63rv.pdf)

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

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

Standard errors may also be used to perform hypothesis testing. This is a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the number of men who use cell phones with the number of women who use cell phones.

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. For example, to conclude that two parameters are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

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

For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages see "Explanatory Notes and Estimates of Error: Household Data" in *Employment and Earnings* published by the Bureau of Labor Statistics.

**Estimating Standard Errors**. To estimate the standard error of a CPS estimate, the Census Bureau uses replicated variance estimation methods. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data due to nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

**Generalized Variance Parameters**. Consider all the possible estimates of characteristics of the population that are of interest to data users. Now consider all the subpopulations such as racial groups, age ranges, etc. Finally, consider every possible comparison or ratio combination. The list would be completely unmanageable. Similarly, a list of standard errors to go with every estimate would be unmanageable. Therefore, rather than providing an individual standard error for every possibly estimate, we provide generalized variance parameters to allow for the calculation of standard errors.

Through experimentation, we have found that certain groups of estimates have similar relationships between their variances and expected values. We provide a generalized method for calculating standard errors for any of the characteristics of the population of interest. The generalized method uses generalized variance parameters for groups of estimates. These parameters are in Tables 2A and 2B for 2004 CPS supplement data on cell phone use.

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

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

Here x is the size of the estimate and a and b are the parameters in Tables 3A or 3B 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 that will give the largest standard error.

Illustration No. 1

Suppose there were 60,855,000 households with a working cell phone number. Use the appropriate parameters from Table 2A and Formula 1 to get

| Illustration 1 | |
|---|---|
| Number of households with a working cell phone number (x) | 60,855,000 |
| a parameter (a) | -0.000012 |
| b parameter (b) | 2,976 |
| Standard error | 307,000 |
| 90% confidence interval | 60,276,000 to 60,494,000 |

The standard error is calculated as

$$s_x = \sqrt{-0.000012 \times 60{,}855{,}000^2 + 2{,}976 \times 60{,}855{,}000} = 370{,}000$$

The 90-percent confidence interval is calculated as 60,855,000 ± 1.645 × 370,000.

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

**Standard Errors of Estimated Percentages**. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on 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 Tables 2A or 2B as indicated by the numerator.

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

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

Here x is the total number of people, families, households, or unrelated individuals in the base of the percentage, p is the percentage ($0 \le p \le 100$), and b is the parameter in Tables 2A or 2B associated with the characteristic in the numerator of the percentage.

Illustration No. 2

Suppose that of approximately 99,902,000 households, 60.9 percent had a working cell phone number in the household. Use the appropriate parameter from Table 2A and Formula 2 to get

| **Illustration 2** | |
|---|---|
| Percentage of households with a working cell phone number (p) | 60.9 |
| Base (x) | 99,902,000 |
| b parameter (b) | 2,976 |
| Standard error | 0.27 |
| 90% confidence interval | 60.5 to 61.3 |

The standard error is calculated as

$$s_{x,p} = \sqrt{\frac{2{,}976}{99{,}902{,}000} \times 60.9 \times (100 - 60.9)} = 0.27$$

The 90-percent confidence interval of the percentage of households with computers is calculated as 61.8 ± 1.645 × 0.20.

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

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

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 formula 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 No. 3

Suppose that of approximately 99,902,000 households, 18.7 percent were unmarried males, and 29.4 were unmarried females. Use the appropriate parameters from Table 2A and Formulas 2 and 3 to get

| **Illustration 3** | | | |
|---|---|---|---|
| | Men (x) | Women (y) | Difference |
| Percentage of unmarried householders (p) | 18.7 | 29.4 | 10.7 |
| Base (x) | 99,902,000 | 99,902,000 | - |
| b parameter (b) | 2,976 | 2,976 | - |
| Standard error | 0.21 | 0.25 | 0.33 |
| 90% confidence interval | 18.4 to 19.0 | 29.0 to 29.8 | 10.2 to 11.2 |

The standard error of the difference is calculated as

$$s_{x-y} = \sqrt{0.21^2 + 0.25^2} = 0.33$$

The 90-percent confidence interval around the difference is calculated as 10.7 ± 1.645 × 0.33. Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of unmarried male householders is less than the percentage of unmarried female householders.

| Table 2A. Parameters for Computation of the Standard Errors for Cell Phone Use Estimates: 2004 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Characteristics | Total or White | | Black | | API, AIAN, NH & OPI | | Hispanic | |
| | a | b | a | b | a | b | a | b |
| **PEOPLE** | | | | | | | | |
| Educational Attainment | -0.000014 | 3,409 | -0.000083 | 3,857 | -0.000236 | 3,114 | -0.000137 | 4,392 |
| People by Family Income | -0.000028 | 7,053 | -0.000177 | 8,044 | -0.000493 | 8,075 | -0.000424 | 13,608 |
| Income | -0.000014 | 3,531 | -0.000087 | 4,044 | -0.000247 | 4,044 | -0.000212 | 6,815 |
| Marital Status, Household and Family Characteristics | -0.000026 | 7,499 | -0.000194 | 10,773 | -0.000547 | 10,773 | -0.000565 | 18,155 |
| Poverty | -0.000052 | 14,937 | -0.000268 | 14,937 | -0.000759 | 14,937 | -0.000784 | 25,173 |
| **FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS** | | | | | | | | |
| Income | -0.000013 | 3,225 | -0.000076 | 3,521 | -0.000215 | 3,521 | -0.000185 | 5,935 |
| Marital Status, HH and Family Characteristics, Educational Attainment, Population by Age/Sex | -0.000012 | 2,976 | -0.000058 | 2,692 | -0.000165 | 3,514 | -0.000141 | 4,537 |
| Poverty | +0.000052 | 1,243 | +0.000052 | 1,243 | +0.000052 | 1,243 | +0.000052 | 1,243 |

NOTES:
(1) These parameters are to be applied to the CPS 2004 Cell Phone Use Supplement data.
(2) API, AIAN, NH, and OPI are Asian and Pacific Islander, American Indian and Alaska Native, Native Hawaiian, and Other Pacific Islander, respectively.
(3) Hispanics may be of any race.
(4) The Total or White, Black, and API parameters are to be used for both “alone” and “in combination” race group estimates.
(5) For nonmetropolitan characteristics, multiply a and b parameters by 1.5. If the characteristic of interest in total state population, no subtotaled by race or ancestry, the a and b parameters are zero.
(6) For foreign-born and noncitizen characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Blacks, APIs, and Hispanics.

| Table 2B. Parameters for Computation of the Standard Errors for Cell Phone Use Estimates (Two or More Races): 2004 | | |
|---|---|---|
| Characteristics | Two or More | |
| | a | b |
| **PEOPLE** | | |
| Educational Attainment | -0.000236 | 3,857 |
| People by Family Income | -0.000493 | 8,047 |
| Income | -0.000247 | 4,044 |
| Marital Status, Household and Family Characteristics | -0.000547 | 10,773 |
| Poverty | -0.000759 | 14,937 |
| **FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS** | | |
| Income | -0.000215 | 3,521 |
| Marital Status, HH and Family Characteristics Educational Attainment, Population by Age/Sex | -0.000165 | 2,692 |
| Poverty | +0.000052 | 1,243 |

NOTES:

(1) These parameters are to be applied to the CPS 2004 Cell Phone Use Supplement data.
(2) Two or More Races refers to the group of cases self-classified as having two or more races.
(3) For nonmetropolitan characteristics, multiply a and b parameters by 1.5. If the characteristic of interest in total state population, no subtotaled by race or ancestry, the a and b parameters are zero.
(4) For foreign-born and noncitizen characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Blacks, APIs, and Hispanics.

# ATTACHMENT 15

## USER NOTES

This section will contain information relevant to the *Current Population Survey, 2004 Cell Phone Use Supplement File* that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.