CURRENT POPULATION SURVEY, 2004:
CELL PHONE SUPPLEMENT FILE

TECHNICAL DOCUMENTATION
CPS—04

This file documentation consists of the following materials:

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).

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

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	1 - 15
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
FILLER	2		16 - 17
HRYEAR4	4	YEAR OF INTERVIEW	18 - 21
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		<u>VALID ENTRIES</u>	
		1998 MIN VALUE 2999 MAX VALUE	

NAME	SIZE	DESCRIPTION	LOCATION

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

HURESPLI   2   LINE NUMBER OF THE CURRENT   22 - 23
RESPONDENT

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

		226	VACANT REGULAR	
		227	VACANT - STORAGE OF HHLD FURNITURE	
		228	UNFIT, TO BE DEMOLISHED	
		229	UNDER CONSTRUCTION, NOT READY	
		230	CONVERTED TO TEMP BUSINESS OR STORAGE	
		231	UNOCCUPIED TENT OR TRAILER SITE	
		232	PERMIT GRANTED - CONSTRUCTION NOT STARTED	
		233	OTHER - SPECIFY	
		240	DEMOLISHED	
		241	HOUSE OR TRAILER MOVED	
		242	OUTSIDE SEGMENT	
		243	CONVERTED TO PERM. BUSINESS OR STORAGE	
		244	MERGED	
		245	CONDEMNED	
		246	BUILT AFTER APRIL 1, 1980	
		247	UNUSED SERIAL NO./LISTING SHEET LINE	
		248	OTHER - SPECIFY	

HUSPNISH   2   IS SPANISH THE ONLY LANGUAGE SPOKEN   27 - 28
BY ALL MEMBERS OF THIS HOUSEHOLD
WHO ARE 15 YEARS OF AGE OR OLDER?

VALID ENTRIES

1   SPANISH ONLY LANGUAGE SPOKEN

HETENURE   2   ARE YOUR LIVING QUARTERS...   29 - 30
(READ ANSWER CATEGORIES)

EDITED UNIVERSE:
HRINTSTA = 1 OR HUTYPB = 1-3

VALID ENTRIES

1   OWNED OR BEING BOUGHT BY A HH
     MEMBER
2   RENTED FOR CASH
3   OCCUPIED WITHOUT PAYMENT OF
     CASH RENT

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

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
HETELHHD	2	IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?	33 - 34

EDITED UNIVERSE:
HRINTSTA = 1

<u>VALID ENTRIES</u>

1	YES
2	NO

NAME	SIZE	DESCRIPTION	LOCATION
HETELAVL	2	IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED?	35 - 36

EDITED UNIVERSE:
HETELHHD = 2

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE?	37 - 38

EDITED UNIVERSE:
HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
HUFAMINC	2	FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.)	39 - 40

VALID ENTRIES

1   LESS THAN $5,000
2   5,000 TO 7,499
3   7,500 TO 9,999
4   10,000 TO 12,499
5   12,500 TO 14,999
6   15,000 TO 19,999
7   20,000 TO 24,999
8   25,000 TO 29,999
9   30,000 TO 34,999

		10 35,000 TO 39,999	
		11 40,000 TO 49,999	
		12 50,000 TO 59,999	
		13 60,000 TO 74,999	
		14 75,000 OR MORE	

FILLER   16   41 - 56

HRINTSTA   2   INTERVIEW STATUS   57 - 58

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

1   INTERVIEW
2   TYPE A NON-INTERVIEW
3   TYPE B NON-INTERVIEW
4   TYPE C NON-INTERVIEW

HRNUMHOU   2   TOTAL NUMBER OF PERSONS LIVING   59 - 60
IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

0   MIN VALUE
16   MAX VALUE

HRHTYPE   2   HOUSEHOLD TYPE   61 - 62

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

0   NON-INTERVIEW HOUSEHOLD
1   HUSBAND/WIFE PRIMARY FAMILY
        (NEITHER AF)
2   HUSB/WIFE PRIM. FAMILY (EITHER/
        BOTH AF)
3   UNMARRIED CIVILIAN MALE-PRIM.
        FAM HHLDER

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   67 - 68
                          ATTEMPTED PERSONAL CONTACTS

                          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	71 - 74

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
HRSERSUF	2	SERIAL SUFFIX IDENTIFIES EXTRA UNITS	75 - 76

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

A-Z

NAME	SIZE	DESCRIPTION	LOCATION
HUHHNUM	2	HOUSEHOLD NUMBER	77 - 78

THE INITIAL HOUSEHOLD RECEIVES A
VALUE OF 1, AND SUBSEQUENT REPLACE-
MENT HOUSEHOLDS INCREASE THE VALUE
BY 1.

VALID ENTRIES

1   MIN VALUE
8   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?	79 - 80

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1	81 - 82

VALID ENTRIES

1   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL2	2	See BUSL1	83 - 84

VALID ENTRIES

1   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL3	2	See BUSL1	85 - 86

VALID ENTRIES

1   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL4	2	See BUSL1	87 - 88

VALID ENTRIES

1   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

A2. GEOGRAPHIC INFORMATION

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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	93 - 94

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

<u>VALID ENTRIES</u>

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		LOCATION
FILLER	21		95 - 115

NAME	SIZE	DESCRIPTION	LOCATION

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

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

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

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:
EVERY PERSON

<u>VALID ENTRIES</u>

-1   NO PARENT
01   MIN VALUE
99   MAX VALUE

PEAGE   2   PERSONS AGE AS OF THE   122 - 123
END OF SURVEY WEEK

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

<u>VALID ENTRIES</u>

0   MIN VALUE
90   MAX VALUE

PTAGE   1   TOP CODE FLAG FOR AGE   124 - 124

<u>VALID ENTRIES</u>

0   NO TOP CODE
1   TOP CODED VALUE FOR AGE

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

PEMARITL   2   MARITAL STATUS   125 - 126

EDITED UNIVERSE:
PEAGE >= 15

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PESPOUSE	2	LINE NUMBER OF SPOUSE	127 - 128

EDITED UNIVERSE:
PEMARITL = 1

VALID ENTRIES

-1   NO SPOUSE
01   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PESEX	2	SEX	129 - 130

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

VALID ENTRIES

1   MALE
2   FEMALE

NAME	SIZE	DESCRIPTION	LOCATION
PUAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?	131 - 132

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHEN	2	WHEN DID YOU SERVE?	133 - 134

EDITED UNIVERSE:
PRPERTYP = 2

VALID ENTRIES

1   VIETNAM ERA (8/64-4/75)
2   KOREAN WAR (6/50-1/55)
3   WORLD WAR II (9/40-7/47)
4   WORLD WAR I (4/17-11/18)
5   OTHER SERVICE (ALL OTHER PERIODS)
6   NONVETERAN

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

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2		145 - 146

VALID ENTRIES

0	NOT OWNER OR RELATED TO OWNER
1	OWNER OF BUS OR RELATED TO OWNER OF BUS

NAME	SIZE	DESCRIPTION	LOCATION
PULINENO	2	PERSON'S LINE NUMBER	147 - 148

VALID ENTRIES

01	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2		149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152

EDITED UNIVERSE:
PRPERTYP = 1, 2, 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

10	SUBFAMILY NO. 10 MEMBER
11	SUBFAMILY NO. 11 MEMBER
12	SUBFAMILY NO. 12 MEMBER
13	SUBFAMILY NO. 13 MEMBER
14	SUBFAMILY NO. 14 MEMBER
15	SUBFAMILY NO. 15 MEMBER
16	SUBFAMILY NO. 16 MEMBER
17	SUBFAMILY NO. 17 MEMBER
18	SUBFAMILY NO. 18 MEMBER
19	SUBFAMILY NO. 19 MEMBER

PRFAMREL   2   FAMILY RELATIONSHIP RECODE   153 - 154

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

VALID ENTRIES

0   NOT A FAMILY MEMBER
1   REFERENCE PERSON
2   SPOUSE
3   CHILD
4   OTHER RELATIVE (PRIMARY FAMILY &
     UNREL)

PRFAMTYP   2   FAMILY TYPE RECODE   155 - 156

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

VALID ENTRIES

1   PRIMARY FAMILY
2   PRIMARY INDIVIDUAL
3   RELATED SUBFAMILY
4   UNRELATED SUBFAMILY
5   SECONDARY INDIVIDUAL

PEHSPNON   2   HISPANIC OR NON-HISPANIC   157 - 158

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

VALID ENTRIES

1   HISPANIC
2   NON-HIPSANIC

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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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	174 - 175

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

(SEE ATTACHMENT 13 FOR VALUES OF
ALLOCATION FLAGS)
Placed in this position because naming convention is
different from all other allocation flags.

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

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

VALID ENTRIES

-1   NOT IN UNIVERSE (BORN IN U.S.)
00   NOT FOREIGN BORN
01   BEFORE 1950
02   1950-1959
03   1960-1964
04   1965-1969
05   1970-1974
06   1975-1979
07   1980-1981
08   1982-1983
09   1984-1985
10   1986-1987
11   1988-1989
12   1990-1991
13   1992-1993
14   1994-1995
15   1996-1997
16   1998-1999
17   2000-2003

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

17   2000-2001
18   2002-2004

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

18

NAME	SIZE	DESCRIPTION		LOCATION

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*********************************
*    STARTING JANUARY 2006      *
*********************************
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| | 18 | 2002-2003 |
| | 19 | 2004-2006 |

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*********************************
*    STARTING JANUARY 2007      *
*********************************
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| | 19 | 2004-2007 |

NAME	SIZE	DESCRIPTION	LOCATION

PUSLFPRX   2   LABOR FORCE INFORMATION COLLECTED   178 - 179
                     BY SELF OR PROXY RESPONSE

                     VALID ENTRIES

                     1   SELF
                     2   PROXY
                     3   BOTH SELF AND PROXY

PEMLR   2   MONTHLY LABOR FORCE RECODE   180 - 181

                     EDITED UNIVERSE:
                     PRPERTYP = 2

                     VALID ENTRIES

                     1   EMPLOYED-AT WORK
                     2   EMPLOYED-ABSENT
                     3   UNEMPLOYED-ON LAYOFF
                     4   UNEMPLOYED-LOOKING
                     5   NOT IN LABOR FORCE-RETIRED
                     6   NOT IN LABOR FORCE-DISABLED
                     7   NOT IN LABOR FORCE-OTHER

PUWK   2   LAST WEEK, DID YOU DO ANY WORK   182 - 183
                     FOR (EITHER) PAY (OR PROFIT)?

                     VALID ENTRIES

                     1   YES
                     2   NO
                     3   RETIRED
                     4   DISABLED
                     5   UNABLE TO WORK

PUBUS1   2   LAST WEEK, DID YOU DO ANY   184 - 185
                     UNPAID WORK IN THE FAMILY
                     BUSINESS OR FARM?

                     VALID ENTRIES

                     1   YES
                     2   NO

NAME	SIZE	DESCRIPTION	LOCATION

PUBUS2OT   2   DO YOU RECEIVE ANY PAYMENTS   186 - 187

OR PROFITS FROM THE BUSINESS?

<u>VALID ENTRIES</u>

1   YES
2   NO

PUBUSCK1   2   CHECK ITEM 1   188 - 189

FILTER FOR QUESTIONS ON UNPAID WORK

<u>VALID ENTRIES</u>

1   GOTO PUBUS1
2   GOTO PURETCK1

PUBUSCK2   2   CHECK ITEM 2   190 - 191

SKIPS OWNERS OF FAMILY BUSINES WHO DID
NOT WORK LAST WEEK

<u>VALID ENTRIES</u>

1   GOTO PUHRUSL1
2   GOTO PUBUS2

PUBUSCK3   2   CHECK ITEM 3   192 - 193

<u>VALID ENTRIES</u>

1   GOTO PUABSRSN
2   GOTO PULAY

PUBUSCK4   2   CHECK ITEM 4   194 - 195

<u>VALID ENTRIES</u>

1   GOTO PUHRUSL1
2   GOTO PUABSPD

NAME	SIZE	DESCRIPTION	LOCATION
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?)	196 - 197

VALID ENTRIES

1   YES
2   NO
3   WAS NOT RETIRED LAST MONTH

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS	2	DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS?	198 - 199

VALID ENTRIES

1   YES
2   NO
3   DID NOT HAVE DISABILITY LAST MONTH

NAME	SIZE	DESCRIPTION	LOCATION
PERET1	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME?	200 - 201

EDITED UNIVERSE:
PEMLR = 5 AND (PURETOT = 1 OR
(PUWK = 3 AND PEAGE >= 50) OR
(PUABS = 3 AND PEAGE >= 50) OR
(PULAY = 3 AND PEAGE >= 50))

VALID ENTRIES

1   YES
2   NO
3   HAS A JOB

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?	202 - 203

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?	204 - 205

VALID ENTRIES

1 YES
2 NO

| PUABSOT | 2 | LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME? | 206 - 207 |

VALID ENTRIES

1 YES
2 NO
3 RETIRED
4 DISABLED
5 UNABLE TO WORK

| PULAY | 2 | LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? | 208 - 209 |

VALID ENTRIES

1 YES
2 NO
3 RETIRED
4 DISABLED
5 UNABLE TO WORK

| PEABSRSN | 2 | WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? | 210 - 211 |

EDITED UNIVERSE:
PEMLR = 2

VALID ENTRIES

1 ON LAYOFF
2 SLACK WORK/BUSINESS CONDITIONS
3 WAITING FOR A NEW JOB TO BEGIN
4 VACATION/PERSONAL DAYS
5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS
6 CHILD CARE PROBLEMS
7 OTHER FAMILY/PERSONAL OBLIGATION

NAME	SIZE	DESCRIPTION	LOCATION

8   MATERNITY/PATERNITY LEAVE
9   LABOR DISPUTE
10   WEATHER AFFECTED JOB
11   SCHOOL/TRAINING
12   CIVIC/MILITARY DUTY
13   DOES NOT WORK IN THE BUSINESS
14   OTHER (SPECIFY)

PEABSPDO   2   ARE YOU BEING PAID BY YOUR   212 - 213
EMPLOYER FOR ANY OF THE
TIME OFF LAST WEEK?

EDITED UNIVERSE:
PEABSRSN = 4-12, 14

VALID ENTRIES

1   YES
2   NO

PEMJOT   2   DO YOU HAVE MORE THAN ONE JOB?   214 - 215

EDITED UNIVERSE:
PEMLR = 1, 2

VALID ENTRIES

1   YES
2   NO

PEMJNUM   2   ALTOGETHER, HOW MANY JOBS   216 - 217
DID YOU HAVE?

EDITED UNIVERSE:
PEMJOT = 1

VALID ENTRIES

2   2 JOBS
3   3 JOBS
4   4 OR MORE JOBS

NAME	SIZE	DESCRIPTION	LOCATION

PEHRUSL1   2   HOW MANY HOURS PER WEEK DO YOU   218 - 219
USUALLY WORK AT YOUR MAIN JOB?

EDITED UNIVERSE:
PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2

VALID ENTRIES

-4   HOURS VARY
 0   MIN VALUE
99   MAX VALUE

PEHRUSL2   2   HOW MANY HOURS PER WEEK DO YOU   220 - 221
USUALLY WORK AT YOUR OTHER (JOB/JOBS)?

EDITED UNIVERSE:
PEMJOT = 1 AND PEMLR = 1 OR 2

VALID ENTRIES

-4   HOURS VARY
0   MIN VALUE
99   MAX VALUE

PEHRFTPT   2   DO YOU USUALLY WORK 35 HOURS OR   222 - 223
MORE PER WEEK?

EDITED UNIVERSE:
PEHRUSL1 = -4 OR PEHRUSL2 = -4

VALID ENTRIES

1   YES
2   NO
3   HOURS VARY

PEHRUSLT   3   SUM OF HRUSL1 AND HRUSL2.   224 - 226

EDITED UNIVERSE:
PEMLR = 1 OR 2

VALID ENTRIES

-4   VARIES
0   MIN VALUE
198   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME WORKWEEK OF 35 HOURS OR MORE PER WEEK?	227 - 228

EDITED UNIVERSE:

PEMLR = 1 AND
(PEHRUSLT = 0-34
PEHRFTPT = 2)

VALID ENTRIES

1   YES
2   NO
3   REGULAR HOURS ARE FULL-TIME

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN1	2	WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?	229 - 230

EDITED UNIVERSE:
PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35)

VALID ENTRIES

1   SLACK WORK/BUSINESS CONDITIONS
2   COULD ONLY FIND PART-TIME WORK
3   SEASONAL WORK
4   CHILD CARE PROBLEMS
5   OTHER FAMILY/PERSONAL OBLIGATIONS
6   HEALTH/MEDICAL LIMITATIONS
7   SCHOOL/TRAINING
8   RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
9   FULL-TIME WORKWEEK IS LESS THAN 35 HRS
10   OTHER - SPECIFY

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN2	2	WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?	231 - 232

EDITED UNIVERSE:
PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35)

VALID ENTRIES

1   CHILD CARE PROBLEMS
2   OTHER FAMILY/PERSONAL OBLIGATIONS
3   HEALTH/MEDICAL LIMITATIONS
4   SCHOOL/TRAINING
5   RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
6   FULL-TIME WORKWEEK LESS THAN 35 HOURS
7   OTHER - SPECIFY

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK?	233 - 234

EDITED UNIVERSE:
PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2
(PEMLR = 1 AND PEHRUSLT = 35+)

VALID ENTRIES

1   SLACK WORK/BUSINESS CONDITIONS
2   SEASONAL WORK
3   JOB STARTED OR ENDED DURING WEEK
4   VACATION/PERSONAL DAY
5   OWN ILLNESS/INJURY/MEDICAL APPOINTMENT
6   HOLIDAY (LEGAL OR RELIGIOUS)
7   CHILD CARE PROBLEMS
8   OTHER FAMILY/PERSONAL OBLIGATIONS
9   LABOR DISPUTE
10   WEATHER AFFECTED JOB
11   SCHOOL/TRAINING
12   CIVIC/MILITARY DUTY
13   OTHER REASON

NAME	SIZE	DESCRIPTION	LOCATION
PUHROFF1	2	LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY?	235 - 236

VALID ENTRIES

1   YES
2   NO

| PUHROFF2 | 2 | HOW MANY HOURS DID YOU TAKE OFF? | 237 - 238 |

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

| PUHROT1 | 2 | LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK? | 239 - 240 |

VALID ENTRIES

1   YES
2   NO

| PUHROT2 | 2 | HOW MANY ADDITIONAL HOURS DID YOU WORK? | 241 - 242 |

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

| PEHRACT1 | 2 | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB? | 243 - 244 |

EDITED UNIVERSE:
PEMLR = 1

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PEHRACT2	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS)	245 - 246

EDITED UNIVERSE:
PEMLR = 1 AND PEMJOT = 1

VALID ENTRIES

0	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PEHRACTT	3	SUM OF PEHRACT1 AND PEHRACT2.	247 - 249

EDITED UNIVERSE:
PEMLR = 1

VALID ENTRIES

0	MIN VALUE
198	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PEHRAVL	2	LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?	250 - 251

EDITED UNIVERSE:
PEHRACTT = 1-34 (PEMLR = 1 AND
PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3)

VALID ENTRIES

1	YES
2	NO

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	5		252 - 256
PUHRCK1	2	CHECK ITEM 1	257 - 258

VALID ENTRIES

1	GOTO PUHRUSL2
2	GOTO PUHRUSLT

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES	259 - 260

VALID ENTRIES

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

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

3   IF ENTRY OF 2, D OR R IN MJ
AND ENTRY OF D, R OR V IN HRUSL1
GOTO HRFTPT

4   IF ENTRY OF 1 IN BUS1 AND ENTRY
OF D, R OR V IN HRUSL1 THEN
GOTO HRFTPT

5   ALL OTHERS GOTO HRCK3-C

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK3	2	CHECK ITEM 3	261 - 262

VALID ENTRIES

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

2   IF ENTRY OF 3 IN RET1 GOTO HRCK8

3   IF ENTRY IN HRUSLT IS 0-34 HOURS GO
TO HRCK4-C

4   IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1

5   ALL OTHERS GOTO HRCK4-C

6   GOTO PUHRCK4

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

VALID ENTRIES

1   IF ENTRY OF 1, D, R OR V
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

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK5	2	CHECK ITEM 5	265 - 266

VALID ENTRIES

1   IF ENTRY OF 1 IN MJOT GOTO HRACT2

2   ALL OTHERS GOTO HRCK6-C

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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	271 - 272

VALID ENTRIES

1   IF ENTRY OF 2, D OR R IN BUS2
       AND HRACTT IS LESS THAN 15
       OR D GOTO LK
2   ALL OTHERS GOTO IOCK1

| PULAYDT | 2 | HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK? | 273 - 274 |

VALID ENTRIES

1   YES
2   NO

| PULAY6M | 2 | HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS? | 275 - 276 |

VALID ENTRIES

1   YES
2   NO

| PELAYAVL | 2 | COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED? | 277 - 278 |

EDITED UNIVERSE:
PEMLR = 3

VALID ENTRIES

1   YES
2   NO

| PULAYAVR | 2 | WHY IS THAT? | 279 - 280 |

VALID ENTRIES

1   OWN TEMPORARY ILLNESS
2   GOING TO SCHOOL
3   OTHER

NAME	SIZE	DESCRIPTION	LOCATION

PELAYLK   2   EVEN THOUGH YOU ARE TO BE CALLED BACK   281 - 282
TO WORK, HAVE YOU BEEN LOOKING FOR
WORK DURING THE LAST 4 WEEKS.

EDITED UNIVERSE:
PELAYAVL= 1, 2

<u>VALID ENTRIES</u>

1   YES
2   NO

PELAYDUR   3   DURATION OF LAYOFF   283 - 285

EDITED UNIVERSE:
PELAYLK = 1, 2

<u>VALID ENTRIES</u>

1   MIN VALUE
260   MAX VALUE

PELAYFTO   2   FT/PT STATUS OF JOB FROM WHICH   286 - 287
SAMPLE PERSON WAS ON LAYOFF FROM

EDITED UNIVERSE:
PELAYDUR = 0-120

<u>VALID ENTRIES</u>

1   YES
2   NO

PULAYCK1   2   CHECK ITEM 1   288 - 289

<u>VALID ENTRIES</u>

1   GOTO PULAYCK3
2   GOTO PULAYFT
3   GOTO PULAYDR

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF	290 - 291

VALID ENTRIES

1   GOTO PULAYDR3
2   GOTO PULAYFT

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O	292 - 293

VALID ENTRIES

1   MISCK = 5 GOTO IO1INT
2   I-ICR = 1 OR I-OCR = 1, GOTO IO1INT
3   ALL OTHERS GOTO SCHCK

NAME	SIZE	DESCRIPTION	LOCATION
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS?	294 - 295

VALID ENTRIES

1   YES
2   NO
3   RETIRED
4   DISABLED
5   UNABLE TO WORK

NAME	SIZE	DESCRIPTION	LOCATION
PELKM1	2	WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD)	296 - 297

EDITED UNIVERSE:
PEMLR = 4

VALID ENTRIES

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

	5	CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
	6	SENT OUT RESUMES/FILLED OUT APPLICATION	
	7	CHECKED UNION/PROFESSIONAL\ REGISTERS	
	8	PLACED OR ANSWERED ADS	
	9	OTHER ACTIVE	
	10	LOOKED AT ADS	
	11	ATTENDED JOB TRAINING PROGRAMS/ COURSES	
	12	NOTHING	
	13	OTHER PASSIVE	

PULKM2 2 ANYTHING ELSE? (SECOND METHOD) 298 - 299

VALID ENTRIES

	1	CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
	2	CONTACTED PUBLIC EMPLOYMEN 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	

PULKM3 2 SAME AS PULKM2 (THIRD METHOD) 300 - 301

VALID ENTRIES

	1	CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
	2	CONTACTED PUBLIC EMPLOYMENT AGENCY	
	3	CONTACTED PRIVATE EMPLOYMENT AGENCY	

NAME	SIZE	DESCRIPTION	LOCATION

| | | 4   CONTACTED FRIENDS OR RELATIVES | |
| | | 5   CONTACTED SCHOOL/UNIVERSITY EMPL CENTER | |

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

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

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION
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   308 - 309
FIND WORK. HOW DID YOU GO ABOUT
LOOKING?
(FIRST METHOD)

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
9   OTHER ACTIVE
10   LOOKED AT ADS
11   ATTENDED JOB TRAINING PROGRAMS/
       COURSES
13   OTHER PASSIVE

PULKDK3   2   SAME AS PULKDK2 (THIRD METHOD)   312 - 313

VALID ENTRIES

1   CONTACTED EMPLOYER DIRECTLY/
      INTERVIEW
      AGENCY
3   CONTACTED PRIVATE EMPLOYME
      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

PULKDK4   2   SAME AS PULKDK2 (FOURTH METHOD)   314 - 315

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

		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

PULKDK5   2   SAME AS PULKDK2 (FIFTH METHOD)   316 - 317

VALID ENTRIES

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

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

VALID ENTRIES

1   CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
2   CONTACTED PUBLIC EMPLOYMENT AGENCY
3   CONTACTED PRIVATE EMPLOYMENT AGENCY
4   CONTACTED FRIENDS OR RELATIVES
5   CONTACTED SCHOOL/UNIVERSITY EMPL CENTER

NAME	SIZE	DESCRIPTION	LOCATION

<table>
<tr><td>6</td><td>SENT OUT RESUMES/FILLED OUT APPLICATION</td></tr>
<tr><td></td><td>REGISTERS</td></tr>
<tr><td>8</td><td>PLACED OR ANSWERED ADS</td></tr>
<tr><td>9</td><td>OTHER ACTIVE</td></tr>
<tr><td>10</td><td>LOOKED AT ADS</td></tr>
<tr><td>11</td><td>ATTENDED JOB TRAINING PROGRAMS COURSES</td></tr>
<tr><td>13</td><td>OTHER PASSIVE</td></tr>
</table>

PULKPS1 2 CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD) 320 - 321

VALID ENTRIES

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

PULKPS2 2 ANYTHING ELSE? (SECOND METHOD) 322 - 323

VALID ENTRIES

1   CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
2   CONTACTED PUBLIC EMPLOYMENT AGENCY

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

PULKPS3   2   SAME AS PULKPS2 (THIRD METHOD)   324 - 325

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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,   336 - 337
WHAT WERE YOU DOING: WORKING, GOING
TO SCHOOL, OR SOMETHING ELSE?

EDITED UNIVERSE:
PELKAVL = 1-2

<u>VALID ENTRIES</u>

1   WORKING
2   SCHOOL
3   LEFT MILITARY SERVICE
4   SOMETHING ELSE

PELKLL2O   2   DID YOU LOSE OR QUIT THAT JOB, OR WAS IT   338 - 339
A TEMPORARY JOB THAT ENDED?

EDITED UNIVERSE:
PELKLL1O = 1 OR 3

<u>VALID ENTRIES</u>

1   LOST JOB
2   QUIT JOB
3   TEMPORARY JOB ENDED

PELKLWO   2   WHEN LAST WORKED   340 - 341

EDITED UNIVERSE:
PELKLL1O = 1 - 4

<u>VALID ENTRIES</u>

1   WITHIN THE LAST 12 MONTHS
2   MORE THAN 12 MONTHS AGO
3   NEVER WORKED

PELKDUR   3   DURATION OF JOB SEEKING   342 - 344

EDITED UNIVERSE:
PELKLWO = 1 - 3

<u>VALID ENTRIES</u>

0   MIN VALUE
999   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PELKFTO	2	FT/PT STATUS OF JOBSEEKER	345 - 346

EDITED UNIVERSE:
PELKDUR = 0-120

VALID ENTRIES

1   YES
2   NO
3   DOESN'T MATTER

| PEDWWNTO | 2 | DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME? | 347 - 348 |

EDITED UNIVERSE:
PUDWCK1 = 3, 4, -1

VALID ENTRIES

1   YES, OR MAYBE, IT DEPENDS
2   NO
3   RETIRED
4   DISABLED
5   UNABLE

| PEDWRSN | 2 | WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS? | 349 - 350 |

EDITED UNIVERSE:
PUDWCK4 = 4, -1

VALID ENTRIES

1   BELIEVES NO WORK AVAILABLE IN AREA
     OF EXPERTISE
2   COULDN'T FIND ANY WORK
3   LACKS NECESSARY SCHOOLING/TRAINING
4   EMPLOYERS THINK TOO YOUNG OR
     TOO OLD
5   OTHER TYPES OF DISCRIMINATION
6   CAN'T ARRANGE CHILD CARE
7   FAMILY RESPONSIBILITIES
8   IN SCHOOL OR OTHER TRAINING
9   ILL-HEALTH, PHYSICAL DISABILITY
10   TRANSPORTATION PROBLEMS
11   OTHER - SPECIFY

NAME	SIZE	DESCRIPTION	LOCATION

PEDWLKO   2   DID YOU LOOK FOR WORK AT ANY TIME   351 - 352
IN THE LAST 12 MONTHS

EDITED UNIVERSE:
(PUDWCK4 = 1-3) or (PEDWRSN = 1-11)

VALID ENTRIES

1   YES
2   NO

PEDWWK   2   DID YOU ACTUALLY WORK AT A JOB OR   353 - 354
BUSINESS DURING THE LAST 12 MONTHS?

EDITED UNIVERSE:
PEDWLKO = 1

VALID ENTRIES

1   YES
2   NO

PEDW4WK   2   DID YOU DO ANY OF THIS WORK DURING   355 - 356
THE LAST 4 WEEKS?

EDITED UNIVERSE:
PEDWWK = 1

VALID ENTRIES

1   YES
2   NO

PEDWLKWK   2   SINCE YOU LEFT THAT JOB OR   357 - 358
BUSINESS HAVE YOU LOOKED FOR WORK?

EDITED UNIVERSE:
PEDW4WK = 2

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

PEDWAVL   2   LAST WEEK, COULD YOU HAVE STARTED   359 - 360
A JOB IF ONE HAD BEEN OFFERED?

                      EDITED UNIVERSE:
(PEDWWK = 2) or (PEDWLKWK = 1)

                      <u>VALID ENTRIES</u>

                      1   YES
                      2   NO

PEDWAVR   2   WHY IS THAT?   361 - 362

                      EDITED UNIVERSE:
PEDWAVL = 2

                      <u>VALID ENTRIES</u>

                      1   OWN TEMPORARY ILLNESS
                      2   GOING TO SCHOOL
                      3   OTHER

PUDWCK1   2   SCREEN FOR DISCOURAGED WORKERS   363 - 364

                      <u>VALID ENTRIES</u>

                      1   IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK
                      2   IF ENTRY OF 3 ON ABSRSN GOTO
                             PUNLFCK1
                      3   IF ENTRY OF 1 IN RET1, STORE 1 IN
                             DWWNTO AND GOTO PUDWCK4
                      4   ALL OTHERS GOTO PUDWWNT

PUDWCK2   2   SCREEN FOR DISABLED   365 - 366

                      <u>VALID ENTRIES</u>

                      1   IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C
                      2   IF ENTRY OF 4 IN DWWNT GOTO PUDIS1
                      3   IF ENTRY OF 5 IN DWWNT GOTO PUDIS2
                      4   ALL OTHERS GOTO PUDWCK4

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

	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

<u>VALID ENTRIES</u>

1   DISCOURAGED WORKER
2   CONDITIONALLY INTERESTED
3   NOT AVAILABLE

NAME	SIZE	DESCRIPTION	LOCATION
PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK	391 - 392

EDITED UNIVERSE:
PEMLR = 1-7

<u>VALID ENTRIES</u>

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
19   AT WORK- 41-47 HRS
20   AT WORK- 48 HRS
21   AT WORK- 49-59 HRS
22   AT WORK- 60 HRS OR MORE

PREMPNOT   2   MLR - EMPLOYED, UNEMPLOYED, OR NILF   393 - 394

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

1   EMPLOYED
2   UNEMPLOYED
3   NOT IN LABOR FORCE (NILF)-discouraged
4   NOT IN LABOR FORCE (NILF)-other

PREXPLF   2   EXPERIENCED LABOR FORCE EMPLOYMENT   395 - 396

EDITED UNIVERSE:
PEMLR = 1-4 AND
PELKLWO ne 3

VALID ENTRIES

1   EMPLOYED
2   UNEMPLOYED

PRFTLF   2   FULL TIME LABOR FORCE   397 - 398

EDITED UNIVERSE:
PEMLR = 1-4

VALID ENTRIES

1   FULL TIME LABOR FORCE
2   PART TIME LABOR FORCE

NAME	SIZE	DESCRIPTION	LOCATION

PRHRUSL   2   USUAL HOURS WORKED WEEKLY   399 - 400

EDITED UNIVERSE:
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

	6	USU.PT, ECON REASONS; 5-14 HRS	
	7	USU.PT, ECON REASONS; 15-29 HRS	
	8	USU.PT, ECON REASONS; 30-34 HRS	
	9	USU.PT, NON-ECON REASONS; 1-4 HRS	
	10	USU.PT, NON-ECON REASONS; 5-14 HRS	
	11	USU.PT, NON-ECON REASONS; 15-29 HRS	
	12	USU.PT, NON-ECON REASONS; 30-34 HRS	

PRPTREA   2   DETAILED REASON FOR PART-TIME   405 - 406

EDITED UNIVERSE:
PEMLR = 1 AND (PEHRUSLT = 0-34 OR
PEHRACTT = 1-34)

VALID ENTRIES

1   USU. FT-SLACK WORK/BUSINESS
     CONDITIONS
2   USU. FT-SEASONAL WORK
3   USU. FT-JOB STARTED/ENDED DURING
     WEEK
4   USU. FT-VACATION/PERSONAL DAY
5   USU. FT-OWN ILLNESS/INJURY/MEDICAL
     APPOINTMENT
6   USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)
7   USU. FT-CHILD CARE PROBLEMS
8   USU. FT-OTHER FAM/PERS OBLIGATIONS
9   USU. FT-LABOR DISPUTE
10   USU. FT-WEATHER AFFECTED JOB
11   USU. FT-SCHOOL/TRAINING
12   USU. FT-CIVIC/MILITARY DUTY
13   USU. FT-OTHER REASON
14   USU. PT-SLACK WORK/BUSINESS
     CONDITIONS
15   USU. PT-COULD ONLY FIND PT WORK
16   USU. PT-SEASONAL WORK
17   USU. PT-CHILD CARE PROBLEMS
18   USU. PT-OTHER FAM/PERS OBLIGATIONS
19   USU. PT-HEALTH/MEDICAL LIMITATIONS
20   USU. PT-SCHOOL/TRAINING
21   USU. PT-RETIRED/S.S. LIMIT ON EARNINGS
22   USU. PT-WORKWEEK <35 HOURS
23   USU. PT-OTHER REASON

NAME	SIZE	DESCRIPTION	LOCATION
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS	407 - 409

EDITED UNIVERSE:
PEMLR = 3-4

<u>VALID ENTRIES</u>

0	MIN VALUE
999	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	Filler	410 - 411
PRUNTYPE	2	REASON FOR UNEMPLOYMENT	412 - 413

EDITED UNIVERSE: PEMLR = 3-4

<u>VALID ENTRIES</u>

1	JOB LOSER/ON LAYOFF
2	OTHER JOB LOSER
3	TEMPORARY JOB ENDED
4	JOB LEAVER
5	RE-ENTRANT
6	NEW-ENTRANT

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

EDITED UNIVERSE: PEMLR = 1 - 7

<u>VALID ENTRIES</u>

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

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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
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   428 - 429
OF YOUR JOB CHANGED SINCE LAST MONTH?

VALID ENTRIES

1   YES
2   NO

PUIODP3   2   LAST MONTH YOU WERE REPORTED AS (A/AN)   430 - 431
(OCCUPATION) AND YOUR USUAL ACTIVITIES
WERE (DESCRIPTION). IS THIS AN ACCURATE
DESCRIPTION OF YOUR CURRENT JOB?

VALID ENTRIES

1   YES
2   NO

PEIO1COW   2   INDIVIDUAL CLASS OF WORKER CODE   432 - 433
ON FIRST JOB

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	434 - 435

VALID ENTRIES

1	MANUFACTURING
2	RETAIL TRADE
3	WHOLESALE TRADE
4	SOMETHING ELSE

NAME	SIZE	DESCRIPTION	LOCATION
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 SCREEN FOR DEPENDENT I AND O	452 - 453

VALID ENTRIES

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
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
3	IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT
4	ALL OTHERS GOTO PUIODP1

NAME	SIZE	DESCRIPTION	LOCATION
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES	454 - 455

VALID ENTRIES

1	IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND
2	IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC
3	ALL OTHERS GOTO PUIODP2

NAME	SIZE	DESCRIPTION	LOCATION
PUIOCK3	2	I & O CHECK ITEM 3	456 - 457

VALID ENTRIES

1 IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC
2 IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC
3 ALL OTHERS GOTO PUIODP3

PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG	458 - 459

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

VALID ENTRIES

0 NOT ELIGIBLE FOR EDIT
1 ELIGIBLE FOR EDIT

PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY	460 - 461

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1 AGRICULTURAL
2 NON-AGRICULTURAL

NAME	SIZE	DESCRIPTION	LOCATION
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1	462 - 463

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1   FEDERAL GOVT
2   STATE GOVT
3   LOCAL GOVT
4   PRIVATE (INCL. SELF-EMPLOYED INCORP.)
5   SELF-EMPLOYED, UNINCORP.
6   WITHOUT PAY

| FILLER | 2 | | 464 - 465 |

| PRCOWPG | 2 | COW - PRIVATE OR GOVERNMENT | 466 - 467 |

EDITED UNIVERSE:
PEIO1COW = 1 - 5

VALID ENTRIES

1   PRIVATE
2   GOVERNMENT

| PRDTCOW1 | 2 | DETAILED CLASS OF WORKER RECODE - JOB 1 | 468 - 469 |

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1   AGRI., WAGE & SALARY, PRIVATE
2   AGRI., WAGE & SALARY, GOVERNMENT
3   AGRI., SELF-EMPLOYED
4   AGRI., UNPAID
5   NONAG, WS, PRIVATE, PRIVATE HHLDS
6   NONAG, WS, PRIVATE, OTHER PRIVATE
7   NONAG, WS, GOVT, FEDERAL
8   NONAG, WS, GOVT, STATE
9   NONAG, WS, GOVT, LOCAL
10   NONAG, SELF-EMPLOYED
11   NONAG, UNPAID

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

		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:
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

	13	Food preparation and serving related occupations	
	14	Building and grounds cleaning and maintenance occupations	
	15	Personal care and service occupations	
	16	Sales and related occupations	
	17	Office and administrative support occupations	
	18	Farming, fishing, and forestry occupations	
	19	Construction and extraction occupations	
	20	Installation, maintenance, and repair occupations	
	21	Production occupations	
	22	Transportation and material moving occupations	
	23	Armed Forces	

FILLER   2   478 - 479

PREMP   2   EMPLOYED PERSONS (NON-FARM   480 - 481
& NON-PRIVATE HHLD) RECODE

EDITED UNIVERSE:
PEMLR = 1 OR 2
AND PEIO1OCD ne 403-407, 473-484

VALID ENTRY

1   EMPLOYED PERSONS (EXC. FARM &
PRIV HH)

PRMJIND1   2   MAJOR INDUSTRY RECODE - JOB 1   482 - 483

EDITED UNIVERSE:
PRDTIND1 = 1-51

VALID ENTRIES

1   Agriculture, forestry, fishing, and hunting
2   Mining
3   Construction
4   Manufacturing
5   Wholesale and retail trade
6   Transportation and utilities
7   Information
8   Financial activities
9   Professional and business services

		10 Educational and health services	
		11 Leisure and hospitality	
		12 Other services	
		13 Public administration	
		14 Armed Forces	

FILLER   2   484 - 485

PRMJOCC1   2   MAJOR OCCUPATION RECODE   486 - 487
- JOB 1

EDITED UNIVERSE:
PRDTOCC1 = 1-46

VALID ENTRIES

1   Management, business, and financial occupations
2   Professional and related occupations
3   Service occupations
4   Sales and related occupations
5   Office and administrative support occupations
6   Farming, fishing, and forestry occupations
7   Construction and extraction occupations
8   Installation, maintenance, and repair occupations
9   Production occupations
10   Transportation and material moving occupations
11   Armed Forces

FILLER   2   488 - 489

PRMJOCGR   2   MAJOR OCCUPATION CATEGORIES   490 - 491

EDITED UNIVERSE:
PRMJOCC = 1-11

VALID ENTRIES

1   Management, professional, and related
       occupations
2   Service occupations
3   Sales and office occupations
4   Farming, fishing, and forestry occupations
5   Construction, and maintenance occupations
6   Production, transportation, and material moving
       occupations
7   Armed Forces

NAME	SIZE	DESCRIPTION	LOCATION
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE	492 - 493

EDITED UNIVERSE:
PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890

VALID ENTRY

	1	NON-AG PRIV WAGE & SALARY	
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE	494 - 495

EDITED UNIVERSE:
PEMLR = 1-4 AND PRCOW = 1-4 AND
PEIO1ICD ne 0170-0290

VALID ENTRY

	1	NON-AG WAGE AND SALARY WORKERS	
PRSJMJ	2	SINGLE/MULTIPLE JOBHOLDER	496 - 497

EDITED UNIVERSE:
PEMLR = 1 OR 2

VALID ENTRIES

1 SINGLE JOBHOLDER
2 MULTIPLE JOBHOLDER

FILLER	77		498 - 574
PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	575 - 576

EDITED UNIVERSE:
PRPERTYP = 2 and PEAGE = 16-24

VALID ENTRIES

1 YES
2 NO

NAME	SIZE	DESCRIPTION	LOCATION

PESCHFT   2   ARE YOU ENROLLED IN SCHOOL AS A   577 - 578
FULL-TIME OR PART-TIME STUDENT?

EDITED UNIVERSE:
PESCHLVL = 1, 2

VALID ENTRIES

1   FULL-TIME
2   PART-TIME

PESCHLVL   2   WOULD THAT BE HIGH SCHOOL, COLLEGE,   579 - 580
OR UNIVERSITY?

EDITED UNIVERSE:
PESCHENR = 1

VALID ENTRIES

1   HIGH SCHOOL
2   COLLEGE OR UNIVERSITY

PRNLFSCH   2   NLF ACTIVITY - IN SCHOOL OR   581 - 582
NOT IN SCHOOL

EDITED UNIVERSE:
PENLFACT = -1 OR 1-6 AND PEAGE = 16-24

VALID ENTRIES

1   IN SCHOOL
2   NOT IN SCHOOL

FILLER   50   583 - 632

NAME	SIZE	DESCRIPTION	LOCATION

PRCHLD   2   Presence of own children <18 years of age by   633 - 634
selected age group
(STARTING NOVEMBER 1999)

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

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

PRNMCHLD   2   Number of own children <18 years of age   635 - 636
(STARTING NOVEMBER 1999)

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	6		637 - 642

<u>ALLOCATION FLAGS</u>

NAME	SIZE	DESCRIPTION	LOCATION
HXTENURE	2	ALLOCATION FLAG	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHEN	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
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?	822 - 823

PEDIPGED

EDITED UNIVERSE = PEEDUCA = 39

VALID ENTRIES

-1 = Not in universe
 1 = Graduation from high school
 2 = GED or other equivalent

| PEHGCOMP | 2 | What was the highest grade of regular school...completed before receiving...'s GED? | 824 - 825 |

EDITED UNIVERSE = PEDIPGED = 2

VALID ENTRIES

-1   Not in universe
1   Less than 1st grade
2   1st, 2nd, 3rd, or 4th grade
3   5th or 6th grade
4   7th or 8th grade
5   9th grade
6   10th grade
7   11th grade
8   12th grade (no diploma)

| PECYC | 2 | How many years of college credit has...completed? | 826 - 827 |

EDITED UNIVERSE: PEEDUCA =40-42

VALID ENTRIES

-1   Not in universe
1   Less than 1 year (includes 0 years completed)
2   The first or Freshman year
3   The second or Sophomore year
4   The third or Junior year
5   Four or more years

NAME	SIZE	DESCRIPTION	LOCATION
PEGRPROF	2	Since completing...bachelor's degree, have you taken any graduate or professional school courses for credit?	828 - 829

EDITED UNIVERSE: PEEDUCA = 43

VALID ENTRIES

-1   Not in universe
 1   Yes
 2   No

| PEGR6COR | 2 | Did...complete 6 or more graduate or professional school courses? | 830 - 831 |

EDITED UNIVERSE: PEGRPROF = 1

VALID ENTRIES

-1   Not in universe
 1   Yes
 2   No

| PEMS123 | 2 | Was ... master's degree program a 1 year, 2 year, or 3 year program? | 832 - 833 |

EDITED UNIVERSE: PEEDUCA = 44

VALID ENTRIES

-1   Not in universe
 1   1 year program
 2   2 year program
 3   3 year program

NAME	SIZE	DESCRIPTION	LOCATION
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	856 - 859

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

<u>VALID ENTRIES</u>

0   MIN VALUE
9999   MAX VALUE

| PEIO1OCD | 4 | OCCUPATION CODE FOR PRIMARY JOB. | 860 - 863 |

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

<u>VALID ENTRIES</u>

0   MIN VALUE
9999   MAX VALUE

| FILLER | 8 | | 864 - 871 |

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

EDITED UNIVERSE: PRIOELG = 1

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
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? <u>The interviewer enters this response</u> without asking the question.	877-878

<u>EDITED UNIVERSE</u>

Entered for all supplement eligible households

<u>VALID ENTRIES</u>

-9 = No response
-3 = Refused
-2 = Don't know
 1 = Personal
 2 = Telephone

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?	879-880

<u>EDITED UNIVERSE</u>

HEPORT = 1, 2

<u>VALID ENTRIES</u>

-9 = No response
-3 = Refused
-2 = Don't know
 0 - 99 = Number of landline phone numbers

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?	881-882

EDITED UNIVERSE

HEQ1 = 1 through 96

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
0 - 96 = Number of landline phone numbers

NAME	SIZE	DESCRIPTION	LOCATION
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?	883-884

EDITED UNIVERSE

HEQ1 = 1 and PORT=1

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 1 = Yes
 2 = No

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?	885-886

EDITED UNIVERSE

PORT = 1, 2

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 1 = Yes
 2 = No

NAME	SIZE	DESCRIPTION	LOCATION
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]	887-888

EDITED UNIVERSE

Q2 = 1

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 0 - 96 = Number of cell phones

NAME	SIZE	DESCRIPTION	LOCATION

HEQ2b   2   How many of the [fill Q2a] cell phone   889-890
numbers you have do you [fill
(or any other members of your household)
if NUMHOU > 1] use regularly?

EDITED UNIVERSE

HEQ2 a = 2 - 96

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 2 - 96 = Cell phone numbers used regularly

HEQ2c   2   How many of the [fill Q2a] cell phone   891-892
numbers are answered by more than one
household member?

EDITED UNIVERSE

HEQ2 b = 2 - 96

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know

 2 - 96 = Cell phone numbers used by more
             than one household member

HEQ2d   2   Do you [fill (or members of your household)   893-894
if NUMHOU > 1] regularly answer this cell
phone number?

EDITED UNIVERSE

HEQ2 a = 1

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 1 = Yes
 2 = No

NAME	SIZE	DESCRIPTION	LOCATION

HEQ2e   2   Is this cell phone number answered by more   895-896
than one household member?

EDITED UNIVERSE

NUMHOU >1 AND Q2a = 1

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 1 = Yes
 2 = No

HEQ3   2   Of all the phone calls that you [fill (or any   897-898
other members of your household) if
NUMHOU > 1] receive, about how many
are received on a cell phone? Would you say …

EDITED UNIVERSE

[(If Q1>0<97 AND Q2b>0<=96) OR
(If Q1>0<97 AND Q2d=1)]

VALID ENTRIES

-9 = No response
-3 = Refused
-2 = Don't know
 1 = All or almost all calls,
 2 = More than half,
 3 = Less than half, or
 4 = Very few or none?

NAME	SIZE	DESCRIPTION	LOCATION
HRSUPINT	1	Cell Phone Supplement interview flag	899-899

<u>VALID ENTRIES</u>

1 = Interview
2 = Noninterview

NAME	SIZE	DESCRIPTION	LOCATION
HWSUPWGT	10	Cell Phone Supplement Weight (Based on Census 2000 pop controls) (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

Construction

| 0770 | ** Construction | 23 |

(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)

Manufacturing
Nondurable Goods manufacturing

Census Code	Description	NAICS Code
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

Durable Goods Manufacturing

Census Code	Description	NAICS Code
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

Retail Trade

2002 Census Code	Description	2002 NAICS Code
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

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

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)

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
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

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
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

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
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**

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

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

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

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

Protective Service Occupations

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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

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

Office and Administrative Support Occupations

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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

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

Transportation and Material Moving Occupations

2002 Census Code	Description	2000 SOC Code
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

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

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										
	Totals			**White Only**		**Black Only**		**Residual Race**		**Hispanic**	
Age Group	**All People**	**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:

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

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 $60{,}855{,}000 \pm 1.645 \times 370{,}000$.

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 $61.8 \pm 1.645 \times 0.20$.

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

$$s_{x-y} = \sqrt{s_x^2 + s_y^2}$$ (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 $10.7 \pm 1.645 \times 0.33$. 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.

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

Instructions to Replicate Findings from the
Bureau of Labor Statistics (BLS)[1]

Use the following instructions in order to select the correct cases, weight correctly, and create the "group" variable (measuring types of telephone service in the household). The relative frequency (percentage of valid responses) of this variable was used to estimate the proportion of households with: 1) both landline and cell phone service, 2) landline only service, 3) cell only service, and 4) no telephone service.

I. Select only respondents where PERRP = 1 or 2. The telephone supplement portion of the interview was conducted with one household member, about the entire household. Only a single individual from the household should be selected.

Weight by HWSUPWGT, the census constructed household weight.

II. Construct a group variable in the following manner. This variable will classify respondent households into one of four groups 1 = Cell phone and landline; 2 = Landline only; 3 = Cell phone only; 4 = No phone household.

A. Create two flags:

1. Landline flag: 0 = no landline; 1 = landline in household

if (heq1 = 0) or (heq1a = 0) or (heq1b = 2) then the landline flag = 0;
else if (heport = 2) or ((heq1 >= 1) and ((heq1a >= 1) or (heq1b = 1))) then the landline flag = 1;
else if (heq1 >= 1) and (heq1a = -1) and (heq1b = -1) then the
    landline flag = 1;
else if (heq1 >= 1) and (((heq1a <= -2) and (heq1b = -1))
    or ((heq1a = -1) and (heq1b <= -2))) then the landline flag = 1;
else the landline flag is missing;

(where heq1, heq1a, etc. are questionnaire items found in Attachment 8: 2004 Cell Phone Use Supplement Questionnaire.)

Explanation of Code above:

If there are zero landlines in the household or if all of them are used for faxes and computers and they do not take incoming calls on them, then the landline flag = 0.

If the interview is being conducted by phone, or they have one or more landlines that are not dedicated to faxes and computers on which they take incoming calls, then the landline flag = 1.

If they have one or more landlines and did not answer (in any way) the question about if the number(s) were dedicated to fax/computer or received incoming calls, then the landline flag = 1.

If they have one or more landlines and answered that they didn't know if the number(s) were dedicat fax/computer or received incoming calls, then the landline flag = 1.

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[1]From (Tucker, Brick, Meekins 2005)

In all other cases, the landline flag is missing.

2. Cell phone flag: 0 = no cell; 1 = cell in household

    if (heq2 = 1) and (heq2a >= 1) and ((heq2b > 0) or (heq2d = 1))
        then the cell phone flag = 1;
        else if (heq2 = 2) or (heq2a = 0) or (heq2b = 0) or (heq2d = 2)
        then the cell phone flag = 0;
        else the cell phone flag is missing;

    if (heq2 = 1) and ((heq2a = 0) or (heq2a = -1)) then the cell phone flag = 1;
    if ((heq2 = 1) or (heq2a >= 1)) and ((heq2b > 0) or (heq2d = 1)) then the cell phone flag = 1;
    if (heq2 = 1) and (heq2a <= -2) and (heq2b = -1) and (heq2d = -1) then the cell phone flag =
        1;
    if (heq2 = 1) and ((heq2b <= -2) or (heq2d <= -2)) then the cell phone flag = 1;

    Explanation of Code:

    If they have one or more working cell phone numbers that the household uses regularly or
    answers regularly then the cell phone flag = 1.

    If they do not have a working cell phone number, or one that is not used regularly or
    answered regularly, then the cell phone flag = 0.

    There are some special cases due to missing responses: If they have a working cell phone
    as indicated in heq2 but contradict themselves on the number of "different" cell phone
    numbers (heq2a) and say "0" or do not answer heq2a, then the cell phone flag = 1. It is
    believed that the majority of these respondents interpreted the term "different" to mean
    "other" or "additional."

    If they claim to have a working cell phone number, but claim they don't know how many
    different cell phone numbers are in the household and do not answer questions about
    whether they use the cell phone number regularly, then the cell phone flag = 1.

    If they claim to have a working cell phone number, but claim they don't know whether they
    use it regularly or answer it regularly, then the cell phone
    flag = 1. In all other cases the cell phone flag is missing.

B. Combine the flags into the group variable:

    If the landline flag = 1 and the cell phone flag = 1 then the group variable = 1;
    If the landline flag = 1 and the cell phone flag = 0 then the group variable = 2;
    If the landline flag = 0 and the cell phone flag = 1 then the group variable = 3;
    If the landline flag = 0 and the cell phone flag = 0 then the group variable = 4;
    If the landline flag or the cell phone flag is missing then the group variable is missing.

ATTACHMENT 16

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.