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Current Population Survey, May 1997: Work Schedules Supplement

TECHNICAL DOCUMENTATION, CPS-97

Current Population Survey, May 1997: Work Schedules 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], 1998.

This file documentation consists of the following materials:

[Attachment 1 - Abstract](#)

Type of File

Microdata; unit of observation is individuals within housing units.

Universe Description

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 57,000 households.

Subject-Matter Description

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

The Work Schedules Supplement questions were asked of all applicable persons age 15 years and older that are currently employed. The file contains information on shift work, flexible hours, and work at home for both main and second jobs.

Geographic Coverage

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

Technical Description

File Structure: Rectangular.

File Size: 135,116 logical records; 913 character logical record length.

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

Reference Materials

Current Population Survey, May 1997: Work Schedules Supplement Technical Documentation. Documentation contains this abstract, including ordering information, overview, definitions, questionnaire facsimiles, code lists, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, D.C. 20233.

Bureau of the Census. The *Current Population Survey Design and Methodology* (Technical Paper 40) (out of print). Describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries.

File Availability

The file may be ordered from Marketing Services Office, Customer Services Center using the attached [order form](#). It is available on 9-track tape reel (ASCII or EBCDIC, labeled or unlabeled, 6250 bpi). The file also can be made available on IBM 3480 compatible tape cartridge or CD-R (compact disc-recordable) in ASCII format.

[Attachment 2 - Overview- Current Population Survey](#)

Introduction

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

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

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

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

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

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

CPS Sample Design

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

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

Relationship of Current Population Survey Files to Publications

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

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

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

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238.

Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, \$101 per year (sold as a package only); Population Estimates and Projections, (P-25), \$27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the Census Catalog and Guide, the Monthly Product Announcement (MPA), and in Census and You. Selected reports also may be accessed on the internet at <http://www.census.gov/main/www/a2z/P>.

Geographic Limitations

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

Weights

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

1. **Noninterview adjustment.** The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA". Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of occupied sample households not interviewed fluctuates around 5 percent depending on weather, vacations, etc.
2. **Ratio estimates.** The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:
 - a. *First-stage ratio estimate.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 1990 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).
 - b. *Second-stage ratio estimate.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:
 - i. 51 state controls of the civilian noninstitutional population 16 years of age and older
 - ii. national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories
 - iii. national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to

the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of Employment and Earnings.

Comparability of CPS From Microdata Files With Published Sources

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

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

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

Comparison of CPS Estimates from Microdata Files with Published Sources

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

[Attachment 3 - Overview - May 1997 Work Schedules Supplement File](#)

May 1997 Work Schedules Supplement

General

Census Bureau staff conducted the May 1997 Work Schedules Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey conducted in approximately 57,000 interviewed households across the Nation. Attachment 7 contains a copy of the labor force questions asked each month as part of the basic CPS questions. Attachment 9 is a copy of the May 1997 Work Schedules questionnaire.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the May 1997 Work Schedules Survey follows.

Data Collection

Census Bureau staff conducted interviews during the period of May 18-24, 1997. We asked the work schedules items of persons 15 years old or older that are currently employed. Interviewers received a 1 1/2-hour home study that contained questions on the basic labor force questions, item-by-item instructions for the supplement, supplement exercises, and a practice interview.

Data Processing

The data processing of these items involved a consistency edit to check for the correct skip pattern. Also a recode was created to provide a variable for type of shift worked (PRSHFTWK).

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

May 1997 CPS/Work Schedules Computer File

CPS Labor Force Data

The May 1997 CPS file contains 135,116 records. The first 915 characters contain the labor force data for each record. Attachment 7 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.

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

PRPERTYP

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

The variable HRINTSTA (located in positions 0057:0058 on the CPS Basic Items Record Layout determines the interview status of the household:

HRINTSTA

- 1 = Interview
- 2 = Type A Noninterview (These records represent households that were eligible for the October 1996 CPS interview, but were not interviewed because no one was home, household members were temporarily absent, etc.)
- 3 = Type B Noninterview (These records represent sample addresses determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc.)
- 4 = Type C Noninterview (See explanation for Type B above.)

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

Value	Description	Unweighted Counts
PRPERTYP		
1	Child	27,574
2	Adult civilian, 15+	94,173
3	Adult, Armed Forces	441
HRINTSTA		
2	Type A Noninterview	3,340
3	Type B Noninterview	9,156
4	Type C Noninterview	432

May 1997 Work Schedules Supplement Data

The May supplement data are in locations 815-915. (See Attachment 8)

Tallying the May 1997 Work Schedules Supplement File

The May 1997 supplement universe includes the full CPS sample comprised of all persons 15 years old or older who are currently employed.

Weighting

There is a standardized supplement weight associated with the May 1997 Work Schedules Supplement.

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

Data Contact

For questions regarding the May 1997 Work Schedules data, call Bill Deming on (202) 606-6378.

[Attachment 4 - Glossary](#)

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:

- Federal government
- State government
- Local government
- Private industry (including self-employed, incorporated)
- Self-employed (not incorporated)
- Working without pay

Domain

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

Duration of Unemployment

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

Earners, Number of

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

Edited item

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

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

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

Education

(See Level of School Completed.)

Employed

(See Labor Force.)

Family

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

Family Household

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

Family Weight

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

Final Weight

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

1. States
2. Origin, Sex, and Age
3. Age, Race, and Sex

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

Full-Time Worker

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

Group Quarters

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

Head Versus Householder

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

Highest Grade of School Attended

(See Level of School Completed.)

Hispanic Origin

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

Hours of Work

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

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

Household

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

Household Weight

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

Householder

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

Householder With No Other Relatives in Household

A householder who has no relatives living in the household. This is the entry for a person living alone.

Another example is the designated householder of an apartment shared by two or more unrelated individuals.

Householder With Other Relatives (Including Spouse) in Household

The person designated as householder if he/she has one or more relatives (including spouse) living in the household.

Industry, Occupation, and Class of Worker (I&O)

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

Job Seekers

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

Longitudinal Weight

Used for gross flows analysis. Only found on adult records matched from month to month.

PEMLR (Major Labor Force Recode)

This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items.

Labor Force

Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week.

The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. Employed

Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs.

These persons would have a Monthly Labor Force Recode (MLR) of 1 or 2 respectively in characters 180-181 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. Unemployed

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

- *Job Leavers* - Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.
- *Job Losers* - Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.
- *New Job Entrants* - Persons who never worked at a full-time job lasting two weeks or longer.
- *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 - Changes to CPS Supplement Files Effective September 1995](#)

Effective September 1995, a number of revisions were made to the CPS public use files. Most were related to the

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

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

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

Location changes of variables		
	Location	
Name	Old	New
HUINTTYP	13-14	16-17
HULENSEC	15-19	109-113

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

Suppression of 3-digit occupation codes before and after September 1995

	NON-MARCH LOCATIONS		MARCH LOCATIONS	
Geographic Variable	Prior to September 1995	September 1995 and Forward	Prior to September 1995	March 1996 and Forward
MSA/PMSA FIPS CODE	96-99	97-100	44-47	44-47
CODE CMSA FIPS CODE	94-95	95-96	53-54 ¹	53-54
METROPOLITAN/NON-METROPOLITAN STATUS	107-108	105	57	57
CENTRAL CITY/BALANCE STATUS	111-112	104	58	58
MSA/PMSA SIZE	N/A	107	56 ¹	56
CMSA/MSA SIZE	103-104	108	55 ¹	55
INDIVIDUAL CENTRAL CITY CODE	109-110	106	285	285
FIPS COUNTY CODE	N/A	101-103	N/A	50-52

¹NOT ON THE MARCH 1995 FILE

```
*****
*   STARTING SEPTEMBER 1995   *
*****
```

```

DATA                               SIZE                               BEGIN
*****
*
*      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:
*
*V      -1 .Blank or not in universe
*vV     -2 .Don't know
*vV     -3 .Refused
*
*      Most edited items (E or R) in the
*      second character of the item name
*      also can be blank. This means
*      that the record was not in
*      universe for that item.
*****

```

* A1. HOUSEHOLD INFORMATION *

D HRHHID 15 1
 HOUSEHOLD IDENTIFIER
U ALL HHLD'S IN SAMPLE

D	HUINTTYP	2	16
	TYPE OF	INTERVIEW	
V	0	.Noninterview or	
V		.indeterminate	
V	1	.Personal	
V	2	.Telephone	

D FILLER	2	18
----------	---	----

D	HUPRSCNT	2	20
	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS		
V	1	.Min Value	
V	9	.Max Value	

```

D HURESPLI      2      22
      LINE NUMBER OF THE
      CURRENT RESPONDENT
V          0 .Min Value
V          99 .Max Value

```

```

D HUFINAL      3      24
  FINAL OUTCOME CODE
  Outcome Codes Between 001
  And 200 Are For CATI.
  All Other Outcome Codes Are
  For CAPI.

V      000 .New Interview - Not
V      .Contacted
V      001 .Fully Complete CATI
V      .Interview
V      002 .Partially Completed CATI
V      .Interview
V      005 .Labor Force Complete,
V      .Supplement Incomplete -
V      .CATI
V      024 .HH Occupied Entirely By
V      .Armed Forces Members
V      115 .Partial Interview With
V      .Callback Planned - CATI
V      200 .New Interview -
V      .Contacted

```

V 201 .CAPI Complete
V 202 .Callback Needed
V 203 .Sufficient Partial -
V .Precloseout
V 204 .Sufficient Partial - At
V .Closeout
V 205 .Labor Force Complete, -
V .Suppl. Incomplete - CAPI
V 210 .CAPI Complete
V .Reinterview
V 216 .No One Home
V 217 .Temporarily Absent
V 218 .Refused
V 219 .Other Occupied - Specify
V 224 .Armed Forces Occupied Or
V .Under Age 14
V 225 .Temp. Occupied w/persons
V .With Ure
V 226 .Vacant Regular
V 227 .Vacant - Storage Of Hhld
V .Furniture
V 228 .Unfit, To Be Demolished
V 229 .Under Construction, Not
V .Ready
V 230 .Converted To Temp
V .Business Or Storage
V 231 .Unoccupied Tent Or
V .Trailer Site
V 232 .Permit Granted -
V .Construction Not Started
V 233 .Other - Specify
V 240 .Demolished
V 241 .House Or Trailer Moved
V 242 .Outside Segment
V 243 .Converted To Perm.
V .Business Or Storage
V 244 .Merged
V 245 .Condemned
V 246 .Built After April 1,
V .1980
V 247 .Unused Serial
V .No./listing Sheet Line
V 248 .Other - Specify

D HUSPNISH 2 27
IS SPANISH THE ONLY LANGUAGE
SPOKEN BY ALL MEMBERS OF THIS
HOUSEHOLD WHO ARE 15 YEARS OF
AGE OR OLDER?
V 1 .Spanish Only Language
V .Spoken

D HETENURE 2 29
ARE YOUR LIVING QUARTERS...
(READ ANSWER CATEGORIES)
U HPRINTSTA = 1 OR HUTYPB = 1-3
V 1 .Owned Or Being Bought By
V .A HH Member
V 2 .Rented For Cash
V 3 .Occupied Without Payment
V .Of Cash Rent

D HEHOUSUT 2 31
TYPE OF HOUSING UNIT
U ALL HHLDS IN SAMPLE
V 0 .Other Unit
V 1 .House, Apartment, Flat
V 2 .Hu In Nontransient
V .Hotel, Motel, Etc.
V 3 .Hu Permanent In
V .Transient Hotel, Motel
V 4 .Hu In Rooming House
V 5 .Mobile Home Or Trailer
V .W/no Perm. Room Added
V 6 .Mobile Home Or Trailer
V .W/1 Or More Perm. Rooms
V .Added
V 7 .Hu Not Specified Above
V 8 .Quarters Not Hu In
V .Rooming Or Brding Hs
V 9 .Unit Not Perm. In

V .Transient Hotl, Motl
V 10 .Unoccupied Tent Site Or
V .Trlr Site
V 11 .Student Quarters In
V .College Dorm
V 12 .Other Unit Not Specified
V .Above

D HETELHHD 2 33
IS THERE A TELEPHONE IN
THIS HOUSE/APARTMENT?
U HRINTSTA = 1
V 1 .Yes
V 2 .No

D HETELAVL 2 35
IS THERE A TELEPHONE ELSEWHERE
ON WHICH PEOPLE IN THIS
HOUSEHOLD CAN BE CONTACTED?
U HETELHHD = 2
V 1 .Yes
V 2 .No

D HEPHONEO 2 37
IS A TELEPHONE
INTERVIEW ACCEPTABLE?
U HETELHHD = 1 OR HETELAVL = 1
V 1 .Yes
V 2 .No

D HUFAMINC 2 39
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.)
V 1 .Less Than \$5,000
V 2 .5,000 to 7,499
V 3 .7,500 to 9,999
V 4 .10,000 to 12,499
V 5 .12,500 to 14,999
V 6 .15,000 to 19,999
V 7 .20,000 to 24,999
V 8 .25,000 to 29,999
V 9 .30,000 to 34,999
V 10 .35,000 to 39,999
V 11 .40,000 to 49,999
V 12 .50,000 to 59,999
V 13 .60,000 to 74,999
V 14 .75,000 or More

D HUTYPEA 2 41
TYPE A NONINTERVIEW REASON
V 1 .No One Home (Noh)
V 2 .Temporarily Absent (Ta)
V 3 .Refused (Ref)
V 4 .Other Occupied - Specify

D HUTYPB 2 43
TYPE B NON-INTERVIEW REASON
V 1 .Vacant Regular
V 2 .Temporarily Occupied By
V .Persons W/ Ure
V 3 .Vacant-storage Of Hhld
V .Furniture
V 4 .Unfit Or To Be
V .Demolished
V 5 .Under Construction, Not
V .Ready
V 6 .Converted To Temp
V .Business Or Storage
V 7 .Unoccupied Tent Site Or
V .Trailer Site
V 8 .Permit Granted
V .Construction Not Started
V 9 .Other Type B - Specify

D HUTYPE 2 45
TYPE C NON-INTERVIEW REASON
V 1 .Demolished
V 2 .House Or Trailer Moved
V 3 .Outside Segment
V 4 .Converted To Perm.
V .Business Or Storage
V 5 .Merged
V 6 .Condemned
V 8 .Unused Line Of Listing
V .Sheet
V 9 .Other - Specify

D HWHHWGT 10 47
HOUSEHOLD WEIGHT (4 IMPLIED
DECIMAL PLACES) USED FOR
TALLYING HOUSEHOLD CHARACTERISTICS
U HRINTSTA = 1

D HRINTSTA 2 57
INTERVIEW STATUS
U ALL HHLDS IN SAMPLE
V 1 .Interview
V 2 .Type A Non-Interview
V 3 .Type B Non-Interview
V 4 .Type C Non-Interview

D RNUMHOU 2 59
TOTAL NUMBER OF PERSONS LIVING
IN THE HOUSEHOLD (HOUSEHOLD
MEMBERS).
U ALL HHLDS IN SAMPLE
V 0 .Min Value
V 16 .Max Value

D HRHTYPE 2 61
HOUSEHOLD TYPE
U ALL HHLDS IN SAMPLE
V 0 .Non-Interview Household
V 1 .Husband/Wife Primary
V .Family (Neither AF)
V 2 .Husb/Wife Prim. Family
V .(Either/Both AF)
V 3 .Unmarried Civilian Male-
V .Prim. Fam Hhlder
V 4 .Unmarried Civ. Female-
V .Prim Fam Hhlder
V 5 .Primary Family Hhlder-Rp
V .In AF, Unmar.
V 6 .Civilian Male Primary
V .Individual
V 7 .Civilian Female Primary
V .Individual
V 8 .Primary Individual Hhld-
V .Rp In AFV
V 9 .Group Quarters With
V .Family
V 10 .Group Quarters Without
V .Family

D HRMIS 2 63
MONTH-IN-SAMPLE
U ALL HHLDS IN SAMPLE
V 1 .Min Value
V 8 .Max Value

D HRMONTH 2 65
MONTH OF INTERVIEW
U ALL HHLDS IN SAMPLE
V 01 .Min Value
V 12 .Max Value

D HRYEAR 2 67
YEAR OF INTERVIEW
U ALL HHLDS IN SAMPLE
V 0 .Min Value
V 99 .Max Value

D HRLONGLK 2 69
LONGITUDINAL LINK INDICATOR

U ALL HHLDS IN SAMPLE
V 0 .Mis 1 or Replacement HH
V . (No Link)
V 2 .Mis 2-4 or Mis 6-8
V 3 .Mis 5

D HRSAMPLE 4 71
 SAMPLE IDENTIFIER
U ALL HHLDS IN SAMPLE
V A-Z .1st Digit
V 000-999 .Digits 2-4

D HRSERSUF 2 75
 SERIAL SUFFIX IDENTIFIES EXTRA UNITS
U ALL HHLDS IN SAMPLE
V A-Z .

D HUHNUM 2 77
 Household Number
 The Initial Household Receives
 A Value Of 1, And Subsequent
 Replacement Households Increase
 The Value By 1.
V 01 .Min Value
V 08 .Max Value

D HUBUS 2 79
 DOES ANYONE IN THIS
 HOUSEHOLD HAVE A BUSINESS
 OR A FARM?
V 1 .Yes
V 2 .No

D HUBUSL1 2 81
 ENTER LINE NUMBER
 FOR HUBUS = 1
V 01 .Min Value
V 99 .Max Value

D HUBUSL2 2 83
 See BUSL1
V 1 .Min Value
V 99 .Max Value

D HUBUSL3 2 85
 See BUSL1
V 1 .Min Value
V 99 .Max Value

D HUBUSL4 2 87
 See BUSL1
V 1 .Min Value
V 99 .Max Value

* A2. GEOGRAPHIC INFORMATION *

D GREG 2 89
 REGION

U ALL HHLDS IN SAMPLE
V 1 .Northeast
V 2 .Midwest
V . (Formerly North Central)
V 3 .South
V 4 .West

D GESTCEN 2 91
 CENSUS STATE CODE

U ALL HHLDS IN SAMPLE
V 11 .ME
V 12 .NH
V 13 .VT
V 14 .MA
V 15 .RI
V 16 .CT
V 21 .NY
V 22 .NJ
V 23 .PA

V	31	.OH
V	32	.IN
V	33	.IL
V	34	.MI
V	35	.WI
V	41	.MN
V	42	.IA
V	43	.MO
V	44	.ND
V	45	.SD
V	46	.NEV
V	47	.KS
V	51	.DE
V	52	.MD
V	53	.DC
V	54	.VA
V	55	.WV
V	56	.NC
V	57	.SC
V	58	.GA
V	59	.FL
V	61	.KY
V	62	.TN
V	63	.AL
V	64	.MS
V	71	.AR
V	72	.LA
V	73	.OK
V	74	.TX
V	81	.MT
V	82	.ID
V	83	.WY
V	84	.CO
V	85	.NM
V	86	.AZ
V	87	.UT
V	88	.NV
V	91	.WA
V	92	.OR
V	93	.CA
V	94	.AK
V	95	.HI

D GESTFIPS 2 93
 FEDERAL INFORMATION PROCESSING
 STANDARDS (FIPS) STATE CODE

U ALL HHLD'S IN SAMPLE

V	01	.AL
V	02	.AK
V	04	.AZ
V	05	.AR
V	06	.CA
V	08	.CO
V	09	.CT
V	10	.DE
V	11	.DC
V	12	.FL
V	13	.GA
V	15	.HI
V	16	.ID
V	17	.IL
V	18	.IN
V	19	.IA
V	20	.KS
V	21	.KY
V	22	.LA
V	23	.MEV
V	24	.MD
V	25	.MA
V	26	.MI
V	27	.MN
V	28	.MS
V	29	.MO
V	30	.MT
V	31	.NE
V	32	.NV
V	33	.NH
V	34	.NJ
V	35	.NM
V	36	.NY
V	37	.NC

V 38 .ND
V 39 .OH
V 40 .OK
V 41 .OR
V 42 .PA
V 44 .RI
V 45 .SC
V 46 .SD
V 47 .TN
V 48 .TX
V 49 .UT
V 50 .VT
V 51 .VA
V 53 .WA
V 54 .WV
V 55 .WI
V 56 .WY

D GECMSA 2 95
CMSA FIPS CODE
U ALL HHLD's IN SAMPLE
V 00 .Not Identified Or
V .Nonmetropolitan
V 07 .Min Value
V 97 .Max Value

* SPECIFIC CMSA CODE (SEE ATTACHMENT 13) *

D GEMSA 4 97
MSA/PMSA FIPS CODE
U ALL HHLD's IN SAMPLE
V 0000 .Identified Or
V .Nonmetropolitan
V 0080 .Min Value
V 9360 .Max Value

* SPECIFIC MSA/PMSA CODE (SEE ATTACHMENT 13) *

D GECO 3 101
FIPS COUNTY CODE
U ALL HHLD's IN SAMPLE
V 000 .Not Identified
V 001-810 .Specific County Code
V .(See Attachment 13) Note:
V .This Code Must Be Used In
V .Combination With A State
V .Code (Gestfips or
V .Gestcen) In Order To
V .Uniquely Identify A
V .County.

D GEMSAST 1 104
CENTRAL CITY/BALANCE STATUS
U ALL HHLD's IN SAMPLE
V 1 .Central City
V 2 .Balance
V 3 .Nonmetropolitan
V 4 .Not Identified

D GEMETSTA 1 105
METROPOLITAN STATUS
U ALL HHLD's IN SAMPLE
V 1 .Metropolitan
V 2 .Nonmetropolitan
V 3 .Not Identified

D GEINDVCC 1 106
INDIVIDUAL CENTRAL CITY
U ALL HHLD's IN SAMPLE
V 0 .Not Identified,
V .Nonmetropolitan, or
V .Not A Central City 1-4

V .Specific Central City
V .Code
V .(See Attachment 13)
V .Note: Whenever Possible
V .This Code Identifies
V .Specific Central Cities
V .In An MSA/PMSA That
V .Have Multiple Central
V .Cities. This Code Must
V .Be Used In Combination
V .With The MSA/PMSA Fips
V .Code (Gemsas) In Order To
V .Uniquely Identify A
V .Specific City.

D GEMSASZ 1 107
CMSA/PMSA SIZE
U ALL HHLD's IN SAMPLE
V 0 .Not Identified Or
V .Nonmetropolitan
V 2 .100,000 - 249,999
V 3 .250,000 - 499,999
V 4 .500,000 - 999,999
V 5 .1,000,000 - 2,499,999
V 6 .2,500,000 - 4,999,999
V 7 .5,000,000+

D GECMSASZ 1 108
CMSA/MSA SIZE
U ALL HHLD's IN SAMPLE
V 0 .Not Identified Or
V .Nonmetropolitan
V 2 .100,000 - 249,999
V 3 .250,000 - 499,999
V 4 .500,000 - 999,999
V 5 .1,000,000 - 2,499,999
V 6 .2,500,000 - 4,999,999
V 7 .5,000,000+

D HULENSEC 5 109
CUMULATIVE INTERVIEW
TIME IN SECONDS
U ALL HHLD's IN SAMPLE
V 00000 .Min Value
V 99999 .Max Value

* A3. PERSONS INFORMATION *
* DEMOGRAPHIC ITEMS *

D PROLDRRP 2 114
RELATIONSHIP TO REFERENCE
PERSON (RECODE)
U PRPERTYP = 1, 2, OR 3
V 01 .Ref Pers With Other
V .Relatives In HH
V 02 .Ref Pers With No Other
V .Relatives In HH
V 03 .Spouse
V 04 .Child
V 05 .Grandchild
V 06 .Parent
V 07 .Brother/Sister
V 08 .Other Relative
V 09 .Foster Child
V 10 .Non-Rel Of Ref Per W/Own
V .Rels In HH
V 11 .Partner/roommate
V 12 .Non-Rel Of Ref Per W/No
V .Own Rels In HH

* SEE LOCATION 118 - 119 FOR AN *
* UNCOLLAPSED VERSION *

D PUPELIG 2 116
INTERVIEW STATUS OF
EACH PERSON IN THE HOUSEHOLD
V 1 .Eligible For Interview

V 2 .Labor Force Fully
V .Complete
V 3 .Missing Labor Force Data
V .For Person
V 4 .(Not Used)
V 5 .Assigned If Age Is Blank
V 6 .Armed Forces Member
V 7 .Under 15 Years Old
V 8 .Not a HH Member
V 9 .Deleted
V 10 .Deceased
V 11 .End Of List
V 12 .After End Of List

D PERRP 2 118
 RELATIONSHIP TO
 REFERENCE PERSON
U PRPERTYP = 1, 2, OR 3
EXPANDED RELATIONSHIP CATEGORIES
V 01 .Reference Person
V .W/Rels.
V 02 .Reference Person W/O
V .Rels.
V 03 .Spouse
V 04 .Child
V 05 .Grandchild
V 06 .Parent
V 07 .Brother/Sister
V 08 .Other Rel. Or Ref.
V .Person
V 09 .Foster Child
V 10 .Nonrel. Of Ref. Person
V .W/Rels.
V 11 .Not Used
V 12 .Nonrel. Of Ref. Person
V .W/O Rels.
V 13 .Unmarried Partner
V .W/Rels.
V 14 .Unmarried Partner W/Out
V .Rels.
V 15 .Housemate/Roommate
V .W/Rels.
V 16 .Housemate/Roommate W/Out
V .Rels.
V 17 .Roomer/Boarder W/Rels.
V 18 .Roomer/Boarder W/Out
V .Rels.

* SEE LOCATION 114 - 115 FOR THE *
* COLLAPSED VERSION *

D PEPARENT 2 120
 LINE NUMBER OF PARENT
U EVERY PERSON
V -1 .No Parent
V 01 .Min Value
V 99 .Max Value

D PEAGE 2 122
 PERSONS AGE AS OF
 THE END OF SURVEY WEEK
U PRPERTYP = 1, 2, OR 3
V 0 .Min Value
V 90 .Max Value

D PTAGE 1 124
 TOP CODE FOR AGE
V 0 .No Top Code
V 1 .Top Coded Value For Age

* BEGINS IN APRIL 1996 *

D PEMARITL 2 125
 MARITAL STATUS
U PEAGE >= 15
V 1 .Married - Spouse Present
V 2 .Married - Spouse Absent

V 3 .Widowed
V 4 .Divorced
V 5 .Separated
V 6 .Never Married

D PESPOUSE 2 127
 LINE NUMBER OF SPOUSE
U PEMARITL = 1
V -1 .No Spouse
V 01 .Min Value
V 99 .Max Value

D PESEX 2 129
 SEX
U PRPERTYP = 1, 2, 0R 3
V 1 .Male
V 2 .Female

D PUAFEVER 2 131
 DID YOU EVER SERVE ON
 ACTIVE DUTY IN THE
 U.S. ARMED FORCES?
V 1 .Yes
V 2 .No

D PEAFWHEN 2 133
 WHEN DID YOU SERVE?
U PRPERTYP = 2
V 1 .Vietnam Era (8/64-4/75)
V 2 .Korean War (6/50-1/55)
V 3 .World War II (9/40-7/47)
V 4 .World War I (4/17-11/18)
V 5 .Other Service (All Other
V .Periods)
V 6 .Nonveteran

D PEAFNOW 2 135
 ARE YOU NOW IN THE
 ARMED FORCES
U PRPERTYP = 2 0R 3
V 1 .Yes
V 2 .No

D PEEDUCA 2 137
 HIGHEST LEVEL OF SCHOOL
 COMPLETED OR DEGREE RECEIVED
U PRPERTYP = 2 0R 3
V 31 .Less Than 1st Grade
V 32 .1st, 2nd, 3rd Or 4th
V .Grade
V 33 .5th Or 6th Grade
V 34 .7th Or 8th Grade
V 35 .9th Grade
V 36 .10th Grade
V 37 .11th Grade
V 38 .12th Grade No Diploma
V 39 .High School Grad-Diploma
V .Or Equiv (Ged)
V 40 .Some College But No
V .Degree
V 41 .Associate Degree-
V .Occupational/Vocational
V 42 .Associate Degree-
V .Academic Program
V 43 .Bachelor's Degree (Ex:
V .BA, AB, BS)
V 44 .Master's Degree (Ex:
V .MA, MS, MENG, MED, MSW)
V 45 .Professional School Deg
V .(Ex: MD, DDS, DVM)
V 46 .Doctorate Degree (Ex:
V .PHD, EDD)

D PERACE 2 139
 RACE
U PRPERTYP = 1, 2, 0R 3
V 1 .White
V 2 .Black
V 3 .American Indian, Aleut,
V .Eskimo
V 4 .Asian Or Pacific

```

V          .Islander
V          5 .Other - Specify (Deleted
V          .January 1996)

D PRORIGIN    2    141
  ORIGIN OR DESCENT
U PRPERTYP = 1, 2, OR 3
V          01 .Mexican American
V          02 .Chicano
V          03 .Mexican (Mexicano)
V          04 .Puerto Rican
V          05 .Cuban
V          06 .Central Or South
V          .American
V          07 .Other Spanish
V          08 .All Other
V          09 .Don't Know
V          10 .NA

D PUCHINHH    2    143
  CHANGE IN HOUSEHOLD
  COMPOSITION
V          1 .Person Added
V          2 .Person Added - Ure
V          3 .Person Undeleted
V          4 .Person Died
V          5 .Deleted For Reason Other
V          .Than Death
V          6 .Person Joined Armed
V          .Forces
V          7 .Person No Longer In AF
V          9 .Change In Demographic
V          .Information

D PUREFLG     2    145
  FLAG FOR RELATIONSHIP
  TO THE OWNER OF A BUSINESS.
V          0 .Not Owner Or Related To
V          .Owner
V          1 .Owner Of Bus Or Related
V          .To Owner Of Bus

D PULINENO    2    147
  PERSON'S LINE NUMBER
V          01 .Min Value
V          99 .Max Value

D FILLER      2    149

D PRFAMNUM    2    151
  FAMILY NUMBER RECODE
U PRPERTYP = 1, 2, OR 3
V          00 .Not A Family Member
V          01 .Primary Family Member Only
V          02 .Subfamily No. 2 Member
V          03 .Subfamily No. 3 Member
V          04 .Subfamily No. 4 Member
V          05 .Subfamily No. 5 Member
V          06 .Subfamily No. 6 Member
V          07 .Subfamily No. 7 Member
V          08 .Subfamily No. 8 Member
V          09 .Subfamily No. 9 Member
V          10 .Subfamily No. 10 Member
V          11 .Subfamily No. 11 Member
V          12 .Subfamily No. 12 Member
V          13 .Subfamily No. 13 Member
V          14 .Subfamily No. 14 Member
V          15 .Subfamily No. 15 Member
V          16 .Subfamily No. 16 Member
V          17 .Subfamily No. 17 Member
V          18 .Subfamily No. 18 Member
V          19 .Subfamily No. 19 Member

D PRFAMREL    2    153
  FAMILY RELATIONSHIP RECODE
U PRPERTYP = 1, 2, OR 3
V          0 .Not A Family Member
V          1 .Reference Person
V          2 .Spouse
V          3 .Child
V          4 .Other Relative

```

V .(Primary Family & Unrel)

D PRFAMTYP 2 155
FAMILY TYPE RECODE

U PRPERTYP = 1, 2, 0R 3

V 1 .Primary Family

V 2 .Primary Individual

V 3 .Related Subfamily

V 4 .Unrelated Subfamily

V 5 .Secondary Individual

D PRHSPNON 2 157
HISPANIC OR NON-HISPANIC

U PRPERTYP = 1, 2, 0R 3

V 1 .Hispanic

V 2 .Non-Hipsanic

D PRMARSTA 2 159
MARITAL STATUS BASED ON
ARMED FORCES PARTICIPATION

U PRPERTYP = 2 0R 3

V 1 .Married, Civilian Spouse

V .Present

V 2 .Married, Armed Forces

V .Spouse Present

V 3 .Married, Spouse Absent

V .(Exc. Separated)

V 4 .Widowed

V 5 .Divorced

V 6 .Separated

V 7 .Never Married

D PRPERTYP 2 161
TYPE OF PERSON RECORD RECODE

U ALL HOUSEHOLD MEMBERS

V 1 .Child Household Member

V 2 .Adult Civilian Household

V .Member

V 3 .Adult Armed Forces

V .Household Member

D PENATVTY 3 163
COUNTRY OF BIRTH

U PRPERTYP = 1, 2, 0R 3

V 057 .United States

V 072 .Puerto Rico

V 096 .U.S. Outlying Area

V 100-554 .Foreign Country Or At

V .Sea

V 555 .Abroad, Country Not

V .Known

D PEMNTVTY 3 166
MOTHER'S COUNTRY OF BIRTH

U PRPERTYP = 1, 2, 0R 3

V 057 .United States

V 072 .Puerto Rico

V 096 .U.S. Outlying Area * See

V .User Note 1

V 100-554 .Foreign Country Or At

V .Sea

V 555 .Abroad, Country Not

V .Known

D PEFNTVTY 3 169
FATHER'S COUNTRY OF BIRTH

U PRPERTYP = 1, 2, 0R 3

V 057 .United States

V 072 .Puerto Rico

V 096 .U.S. Outlying Area

V 100-554 .Foreign Country Or At

V .Sea

V 555 .Abroad, Country Not

V .Known

D PRCITSHP 2 172
CITIZENSHIP STATUS

U PRPERTYP = 1, 2, 0R 3

V 1 .Native, Born In The

V .United States

V 2 .Native, Born In Puerto

V .Rico or U.S. Outlying
V .Area
V 3 .Native, Born Abroad Of
V .American Parent Or
V .Parents
V 4 .Foreign Born, U.S.
V .Citizen By
V .Naturalization
V 5 .Foreign Born, Not A
V .Citizen Of The United
V .States

D PRCITFLG 2 174
CITIZENSHIP ALLOCATION FLAG
U PRPERTYP = 1, 2, OR
3 (See Allocation Flags
attachment For Values Of
Allocation Flags) Placed
in this position because
naming convention is different
from all other allocation flags.

D PRINUSYR 2 176
IMMIGRANT'S YEAR OF ENTRY
U PRCITSHP = 2, 3, 4, OR 5
V -1 .Not In Universe (Born In
V .U.S.)
V 00 .Not Foreign Born
V 01 .Before 1950
V 02 .1950-1959
V 03 .1960-1964
V 04 .1965-1969
V 05 .1970-1974
V 06 .1975-1979
V 07 .1980-1981
V 08 .1982-1983
V 09 .1984-1985
V 10 .1986-1987
V 11 .1988-1989
V 12 .1990-1991
V 13 .1992-1995

* STARTING JANUARY 1996 *

V 13 .1992-1993
V 14 .1994-1996

* STARTING JANUARY 1997 *

V 14 .1994-1997

* STARTING JANUARY 1998 *

V 14 .1994-1995
V 15 .1996-1998

* A4. PERSONS INFORMATION LABOR *
* FORCE ITEMS *

D PUSLFPRX 2 178
LABOR FORCE INFORMATION COLLECTED
BY SELF OR PROXY RESPONSE
V 1 .Self
V 2 .Proxy
V 3 .Both Self And Proxy

D PEMLR 2 180
MONTHLY LABOR FORCE RECODE
U PRPERTYP = 2
V 1 .Employed-At Work
V 2 .Employed-Absent
V 3 .Unemployed-On Layoff
V 4 .Unemployed-Looking

V 5 .Not In Labor Force-
V .Retired
V 6 .Not In Labor Force-
V .Disabled
V 7 .Not In Labor Force-Other

D PUWK 2 182
LAST WEEK, DID YOU DO ANY
WORK FOR (EITHER) PAY (OR
PROFIT)?
V 1 .Yes
V 2 .No
V 3 .Retired
V 4 .Disabled
V 5 .Unable To Work

D PUBUS1 2 184
LAST WEEK, DID YOU DO ANY
UNPAID WORK IN THE FAMILY
BUSINESS OR FARM?
V 1 .Yes
V 2 .No

D PUBUS20T 2 186
DO YOU RECEIVE ANY PAYMENTS
OR PROFITS FROM THE BUSINESS?
V 1 .Yes
V 2 .No

D PUBUSCK1 2 188
CHECK ITEM 1
Filter for questions on unpaid
work
V 1 .Goto PUBUS1
V 2 .Goto PURETCK1

D PUBUSCK2 2 190
CHECK ITEM 2
Skips owners of family
business who did not work last
week
V 1 .Goto PUHRUSL1
V 2 .Goto PUBUS2

D PUBUSCK3 2 192
CHECK ITEM 3
V 1 .Goto PUABSRSN
V 2 .Goto PULAY

D PUBUSCK4 2 194
CHECK ITEM 4
V 1 .Goto PUHURSL1
V 2 .Goto PUABSPD

D PURETOT 2 196
RETIREMENT STATUS (LAST
MONTH YOU WERE REPORTED TO
BE RETIRED, ARE YOU STILL
RETIRED THIS MONTH?)
V 1 .Yes
V 2 .No
V 3 .Was Not Retired Last
V .Month

D PUDIS 2 198
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?
V 1 .Yes
V 2 .No
V 3 .Did Not Have Disability
V .Last Month

D PERET1 2 200
DO YOU CURRENTLY WANT A
JOB, EITHER FULL OR PART-TIME?

U PEMLR = 5 AND
(PURETOT = 1 OR (PUWK = 3 AND

PEAGE >= 50) OR (PUABS = 3 AND
PEAGE >= 50) OR (PULAY = 3 AND
PEAGE >= 50))
V 1 .Yes
V 2 .No
V 3 .Has A Job

D PUDIS1 2 202
DOES YOUR DISABILITY
PREVENT YOU FROM ACCEPTING
ANY KIND OF WORK DURING THE
NEXT SIX MONTHS?
V 1 .Yes
V 2 .No

D PUDIS2 2 204
DO YOU HAVE A DISABILITY
THAT PREVENTS YOU FROM ACCEPTING
ANY KIND OF WORK DURING THE
NEXT SIX MONTHS?
V 1 .Yes
V 2 .No

D PUABSOT 2 206
LAST WEEK DID YOU HAVE
A JOB EITHER FULL OR PART-TIME?
V 1 .Yes
V 2 .No
V 3 .Retired
V 4 .Disabled
V 5 .Unable To Work

D PULAY 2 208
LAST WEEK, WERE YOU ON
LAYOFF FROM A JOB?
V 1 .Yes
V 2 .No
V 3 .Retired
V 4 .Disabled
V 5 .Unable To Work

D PEABSRSN 2 210
WHAT IS THE MAIN REASON
YOU WERE ABSENT FROM
WORK LAST WEEK?
U PEMLR = 2
V 1 .On Layoff
V 2 .Slack Work/Business
V .Conditions
V 3 .Waiting For A New Job To
V .Begin
V 4 .Vacation/Personal Days
V 5 .Own Illness/Injury/
V .Medical Problems
V 6 .Child Care Problems
V 7 .Other Family/Personal
V .Obligation
V 8 .Maternity/Paternity
V .Leave
V 9 .Labor Dispute
V 10 .Weather Affected Job
V 11 .School/Training
V 12 .Civic/Military Duty
V 13 .Does Not Work In The
V .Business
V 14 .Other (Specify)

D PEABSPDO 2 212
ARE YOU BEING PAID BY
YOUR EMPLOYER FOR ANY
OF THE TIME OFF LAST WEEK?
U PEABSRSN = 4-12, 14
V 1 .Yes
V 2 .No

D PEMJOT 2 214
DO YOU HAVE MORE THAN ONE JOB?
U PEMLR = 1, 2
V 1 .Yes
V 2 .No

D PEMJNUM 2 216
ALTOGETHER, HOW MANY JOBS
DID YOU HAVE?
U PEMJOT = 1
V 2 .2 Jobs
V 3 .3 Jobs
V 4 .4 Or More Jobs

D PEHRUSL1 2 218
HOW MANY HOURS PER WEEK
DO YOU USUALLY WORK AT
YOUR MAIN JOB?
U PEMJOT = 1 OR 2
AND PEMLR = 1 OR 2
V -4 .Hours Vary
V 0 .Min Value
V 99 .Max Value

D PEHRUSL2 2 220
HOW MANY HOURS PER WEEK
DO YOU USUALLY WORK AT
YOUR OTHER (JOB/JOB)?
U PEMJOT = 1
AND PEMLR = 1 OR 2
V -4 .Hours Vary
V 0 .Min Value
V 99 .Max Value

D PEHRFTPT 2 222
DO YOU USUALLY WORK
35 HOURS OR MORE PER WEEK?
U PEHRUSL1 = -4
OR PEHRUSL2 = -4
V 1 .Yes
V 2 .No
V 3 .Hours Vary

D PEHRUSLT 3 224
SUM OF HRUSL1 AND HRUSL2.
U PEMLR = 1 OR 2
V -4 .Varies
V 0 .Min Value
V 198 .Max Value

D PEHRWANT 2 227
DO YOU WANT TO WORK A
FULL-TIME WORKWEEK OF
35 HOURS OR MORE PER WEEK?
U PEHRUSLT = 0-34
V 1 .Yes
V 2 .No
V 3 .Regular Hours Are Full-
V .time

D PEHRRSN1 2 229
WHAT IS YOUR MAIN REASON
FOR WORKING PART-TIME?
U PEHRWANT = 1
PEMLR = 1 AND PEHRUSLT < 35)
V 1 .Slack Work/Business
V .Conditions
V 2 .Could Only Find Part-
V .Time Work
V 3 .Seasonal Work
V 4 .Child Care Problems
V 5 .Other Family/Personal
V .Obligations
V 6 .Health/Medical
V .Limitations
V 7 .School/Training
V 8 .Retired/Social Security
V .Limit On Earnings
V 9 .Full-Time Workweek Is
V .Less Than 35 Hrs
V 10 .Other - Specify

D PEHRRSN2 2 231
WHAT IS THE MAIN REASON
YOU DO NOT WANT TO WORK
FULL-TIME?
U PEHRWANT = 2 PEMLR = 1 AND

PEHRUSLT < 35)
V 1 .Child Care Problems
V 2 .Other Family/Personal
V .Obligations
V 3 .Health/Medical
V .Limitations
V 4 .School/Training
V 5 .Retired/Social Security
V .Limit On Earnings
V 6 .Full-Time Workweek Less
V .Than 35 Hours
V 7 .Other - Specify

D PEHRRSN3 2 233
WHAT IS THE MAIN REASON YOU
WORKED LESS THAN
35 HOURS LAST WEEK?

U PEHRACTT = 1-34
AND PUHRCK7 NE 1, 2 (PEMLR = 1
AND PEHRUSLT = 35+)
V 1 .Slack Work/Business
V .Conditions
V 2 .Seasonal Work
V 3 .Job Started Or Ended
V .During Week
V 4 .Vacation/Personal Day
V 5 .Own Illness/Injury/
V .Medical Appointment
V 6 .Holiday (Legal Or
V .Religious)
V 7 .Child Care Problems
V 8 .Other Family/Personal
V .Obligations
V 9 .Labor Dispute
V 10 .Weather Affected Job
V 11 .School/Training
V 12 .Civic/Military Duty
V 13 .Other Reason

D PUHROFF1 2 235
LAST WEEK, DID YOU LOSE
OR TAKE OFF ANY HOURS FROM
YOUR JOB, FOR ANY REASON
SUCH AS ILLNESS, SLACK
WORK, VACATION, OR HOLIDAY?
V 1 .Yes
V 2 .No

D PUHROFF2 2 237
HOW MANY HOURS DID
YOU TAKE OFF?
V 0 .Min Value
V 99 .Max Value

D PUHROT1 2 239
LAST WEEK, DID YOU WORK
ANY OVERTIME OR EXTRA
HOURS (AT YOUR MAIN JOB)
THAT YOU DO NOT USUALLY WORK?
V 1 .Yes
V 2 .No

D PUHROT2 2 241
HOW MANY ADDITIONAL HOURS
DID YOU WORK?
V 0 .Min Value
V 99 .Max Value

D PEHRACT1 2 243
LAST WEEK, HOW MANY HOURS
DID YOU ACTUALLY WORK AT
YOUR JOB?
U PEMLR = 1
V 0 .Min Value
V 99 .Max Value

D PEHRACT2 2 245
LAST WEEK, HOW MANY HOURS
DID YOU ACTUALLY WORK AT
YOUR OTHER (JOB/JOB)
U PEMLR = 1

```

      AND PEMJOT = 1
V          0 .Min Value
V          99 .Max Value

D PEHRACTT      3      247
      SUM OF PEHRACT1 AND PEHRACT2.
U PEMLR = 1
V          0 .Min Value
V          198 .Max Value

D PEHRAVL      2      250
      LAST WEEK, COULD YOU HAVE
      WORKED FULL-TIME IF THE
      HOURS HAD BEEN AVAILABLE?
U PEHRACTT = 1-34
      (PEMLR = 1 AND PEHRUSLT < 35
      AND PEHRRSN1 = 1, 2, 3)
V          1 .Yes
V          2 .No

D PULBHSEC      5      252
      TOTAL SECONDS TO COMPLETE
      LABOR FORCE ITEMS.
V          00000 .Min Value
V          99999 .Max Value

D PUHRCK1      2      257
      CHECK ITEM 1
V          1 .Goto PUHRUSL2
V          2 .Goto PUHRUSLT

D PUHRCK2      2      259
      CHECK ITEM 2
      SKIPS PERSONS RESPONDING
      YES TO HRFTPT OUT OF PT SERIES
V          1 .If entry of 1 in MJ and
V             .entry of D, R OR V in
V             .HRUSL1 and entry of D,
V             .R, V or 0-34 in HRUSL2
V             .goto HRFTPT
V          2 .If entry of 1 in MJ and
V             .entry of D, R or V in
V             .HRUSL2 and ntry of D, R
V             .or 0-34 in RUSL1 goto
V             .HRFTPT
V          3 .If entry of 2, D or R in
V             .MJ and entry of D, R or
V             .in HRUSL1 goto HRFTPT
V          4 .If entry of 1 in BUS1
V             .and entry of D, R or V
V             .in HRUSL1 then goto
V             .HRFTPT
V          5 .All others goto HRCK3-C

D PUHRCK3      2      261
      CHECK ITEM 3
V          1 .If entry of 1 in Absot
V             .or (entry or 2 in ABSOT
V             .and entry of 1 in BUS
V             .and CURRENT R_P EQUALS
V             .BUSLST) then goto HRCK8
V          2 .If entry of 3 in RET1
V             .Goto HRCK8
V          3 .If entry in HRUSLT is 0-
V             .34 hours goto HRCK4-C
V          4 .If entry in HRUSLT is
V             .35+ goto HROFF1
V          5 .All others goto HRCK4-C
V          6 .Goto PUHRCK4

D PUHRCK4      2      263
      CHECK ITEM 4
V          1 .If entry of 1, D, R or V
V             .in HRFTPT then goto
V             .HRACT1
V          2 .If entry of 2, D or R in
V             .BUS2 then goto HROFF1
V          3 .If HRUSLT is 0-34 then
V             .goto HRWANT
V          4 .If entry of 2 in HRFTPT
V             .then goto HRWANT

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V          5 .All others goto HRACT1

D PUHRCK5      2      265
  CHECK ITEM 5
V          1 .If entry of 1 in MJOT
V          .goto HRACT2
V          2 .All others goto HRCK6-C

D PUHRCK6      2      267
  CHECK ITEM 6
V          1 .If HRACT1 and HRACT2 EQ
V          .0 and entry of 2, D, R
V          .in BUS2 then goto LK
V          2 .If HRACT1 and HRACT2 EQ
V          .0 then store 1 in ABSOT
V          .and goto ABSRSN
V          3 .All others goto HRACTT-C

D PUHRCK7      2      269
  CHECK ITEM 7
V          1 .(If entry of 2, D or R
V          .in BUS2) and (HRACT1
V          .less then 15 or D) goto
V          .HRCK8
V          2 .(If entry of 2, D or R
V          .in BUS2) and (HRACT1 is
V          .15+) goto HRCK8
V          3 .(If HRUSLT is 35+ or if
V          .entry of 1 in HRFTPT)
V          .and (HRACTT < 35) and
V          .entry in HRACT1 or
V          .HRACT2 isn't D or R then
V          .goto HRRSN3
V          4 .If entry of 1 in HRWANT
V          .and HRACTT < 35 and
V          .(entry of 1, 2, 3 in
V          .HRRSN1) goto HRAVL
V          5 .All others goto HRCK8

D PUHRCK12     2      271
  CHECK ITEM 12
V          1 .If entry of 2, D or R in
V          .BUS2 and HRACTT is less
V          .than 15 or D goto LK
V          2 .All others goto IOCK1

D PULAYDTH     2      273
  AS YOUR EMPLOYER GIVEN YOU A
  DATE TO RETURN TO WORK?
V          1 .Yes
V          2 .No

D PULAY6M      2      275
  HAVE YOU BEEN GIVEN ANY
  INDICATION THAT YOU WILL
  BE RECALLED TO WORK WITHIN
  THE NEXT 6 MONTHS?
V          1 .Yes
V          2 .No

D PELAYAVL     2      277
  COULD YOU HAVE RETURNED
  TO WORK LAST WEEK IF YOU
  HAD BEEN RECALLED?
U PEMLR = 3
V          1 .Yes
V          2 .No

D PULAYAVR     2      279
  WHY IS THAT?
V          1 .Own Temporary Illness
V          2 .Going To School
V          3 .Other

D PELAYLK      2      281
  EVEN THOUGH YOU ARE TO
  BE CALLED BACK TO WORK,
  HAVE YOU BEEN LOOKING FOR
  WORK DURING THE LAST 4 WEEKS.
U PELAYAVL= 1, 2
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```
V      1 .Yes
V      2 .No

D PELAYDUR      3      283
  DURATION OF LAYOFF
U PELAYLK = 1, 2
V      1 .Min Value
V      260 .Max Value

D PELAYFT0      2      286
  FT/PT STATUS OF JOB FROM
  WHICH SAMPLE PERSON WAS
  ON LAYOFF FROM
U PELAYDUR = 0-120
V      1 .Yes
V      2 .No

D PULAYCK1      2      288
  CHECK ITEM 1
V      1 .Goto PULAYCK3
V      2 .Goto PULAYFT
V      3 .Goto PULAYDR

D PULAYCK2      2      290
  CHECK ITEM 2
  Screen for dependent layoff
V      1 .Goto PULAYDR3
V      2 .Goto PULAYFT

D PULAYCK3      2      292
  Check item 3 filter for
  dependent I & O
V      1 .MISCK = 5 goto IO1INT
V      2 .I-ICR = 1 or I-OCR = 1,
V      .goto IO1INT
V      3 .All others goto SCHCK

D PULK          2      294
  HAVE YOU BEEN DOING
  ANYTHING TO FIND WORK
  DURING THE LAST 4 WEEKS?
V      1 .Yes
V      2 .No
V      3 .Retired
V      4 .Disabled
V      5 .Unable To Work

D PELKM1        2      296
  WHAT ARE ALL OF THE THINGS
  YOU HAVE DONE TO FIND WORK
  DURING THE LAST 4 WEEKS?
  (FIRST ANSWER)
U PEMLR = 4
V      1 .Contacted Employer
V      .Directly/Interview
V      2 .Contacted Public
V      .Employment Agency
V      3 .Contacted Private
V      .Employment Agency
V      4 .Contacted Friends Or
V      .Relatives
V      5 .Contacted School/
V      .University Empl Center
V      6 .Sent Out Resumes/Filled
V      .Out Application
V      7 .Checked
V      .Union/Professional
V      .Registers
V      8 .Placed Or Answered Ads
V      9 .Other Active
V      10 .Looked At Ads
V      11 .Attended Job Training
V      .Programs/Courses
V      12 .Nothing
V      13 .Other Passive

D PULKM2        2      298
  ANYTHING ELSE? (SECOND ANSWER)
V      1 .Contacted Employer
V      .Directly/Interview
V      2 .Contacted Public
```

V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKM3 2 300
SAME AS PULKM2 (THIRD ANSWER)
V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKM4 2 302
SAME AS PULKM2 (FOURTH ANSWER)
V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKM5 2 304
SAME AS PULKM2 (FIFTH ANSWER)
V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .university Empl Center
V 6 .Sent Out Resumes/filled
V .Out Application
V 7 .Checked Union/
V .professional Registers
V 8 .Placed Or Answered Ads

V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/courses
V 13 .Other Passive

D PULKM6 2 306
SAME AS PULKM2 (SIXTH ANSWER)

V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKDK1 2 308
YOU SAID YOU HAVE BEEN
TRYING TO FIND WORK.
HOW DID YOU GO ABOUT LOOKING?
(FIRST ANSWER)

V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 12 .Nothing
V 13 .Other Passive

D PULKDK2 2 310
ANYTHING ELSE? (SECOND ANSWER)

V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKDK3 2 312
SAME AS PULKDK2 (THIRD ANSWER)

- V 1 .Contacted Employer
- V .Directly/Interview
- V 2 .Contacted Public
- V .Employment Agency
- V 3 .Contacted Private
- V .Employment Agency
- V 4 .Contacted Friends Or
- V .Relatives
- V 5 .Contacted School/
- V .University Empl Center
- V 6 .Sent Out Resumes/Filled
- V .Out Application
- V 7 .Checked Union/
- V .Professional Registers
- V 8 .Placed Or Answered Ads
- V 9 .Other Active
- V 10 .Looked At Ads
- V 11 .Attended Job Training
- V .Programs/Courses
- V 13 .Other Passive

- D PULKDK4 2 314
SAME AS PULKDK2 (FOURTH ANSWER)
- V 1 .Contacted Employer
 - V .Directly/Interview
 - V 2 .Contacted Public
 - V .Employment Agency
 - V 3 .Contacted Private
 - V .Employment Agency
 - V 4 .Contacted Friends Or
 - V .Relatives
 - V 5 .Contacted School/
 - V .University Empl Center
 - V 6 .Sent Out Resumes/Filled
 - V .Out Application
 - V 7 .Checked Union/
 - V .professional Registers
 - V 8 .Placed Or Answered Ads
 - V 9 .Other Active
 - V 10 .Looked At Ads
 - V 11 .Attended Job Training
 - V .Programs/Courses
 - V 13 .Other Passive

- D PULKDK5 2 316
SAME AS PULKDK2 (FIFTH ANSWER)
- V 1 .Contacted Employer
 - V .Directly/Interview
 - V 2 .Contacted Public
 - V .Employment Agency
 - V 3 .Contacted Private
 - V .Employment Agency
 - V 4 .Contacted Friends Or
 - V .Relatives
 - V 5 .Contacted School/
 - V .University Empl Center
 - V 6 .Sent Out Resumes/Filled
 - V .Out Application
 - V 7 .Checked Union/
 - V .Professional Registers
 - V 8 .Placed Or Answered Ads
 - V 9 .Other Active
 - V 10 .Looked At Ads
 - V 11 .Attended Job Training
 - V .Programs/Courses
 - V 13 .Other Passive

- D PULKDK6 2 318
SAME AS PULKDK2
(SIXTH ANSWER)
- V 1 .Contacted Employer
 - V .Directly/Interview
 - V 2 .Contacted Public
 - V .Employment Agency
 - V 3 .Contacted Private
 - V .Employment Agency
 - V 4 .Contacted Friends Or
 - V .Relatives
 - V 5 .Contacted
 - V .School/University Empl
 - V .Center

- V 6 .Sent Out Resumes/Filled
- V .Out Application
- V 7 .Checked Union/
- V .Professional Registers
- V 8 .Placed Or Answered Ads
- V 9 .Other Active
- V 10 .Looked At Ads
- V 11 .Attended Job Training
- V .Programs/Courses
- V 13 .Other Passive

D PULKPS1 2 320
CAN YOU TELL ME MORE ABOUT
WHAT YOU DID TO SEARCH
FOR WORK? (FIRST ANSWER)

- V 1 .Contacted Employer
- V .Directly/Interview
- V 2 .Contacted Public
- V .Employment Agency
- V 3 .Contacted Private
- V .Employment Agency
- V 4 .Contacted Friends Or
- V .Relatives
- V 5 .Contacted School/
- V .University Empl Center
- V 6 .Sent Out Resumes/Filled
- V .Out Application
- V 7 .Checked Union/
- V .Professional Registers
- V 8 .Placed Or Answered Ads
- V 9 .Other Active
- V 10 .Looked At Ads
- V 11 .Attended Job Training
- V .Programs/Courses
- V 12 .Nothing
- V 13 .Other Passive

D PULKPS2 2 322
ANYTHING ELSE? (SECOND ANSWER)

- V 1 .Contacted Employer
- V .Directly/Interview
- V 2 .Contacted Public
- V .Employment Agency
- V 3 .Contacted Private
- V .Employment Agency
- V 4 .Contacted Friends Or
- V .Relatives
- V 5 .Contacted School/
- V .University Empl Center
- V 6 .Sent Out Resumes/Filled
- V .Out Application
- V 7 .Checked Union/
- V .Professional Registers
- V 8 .Placed Or Answered Ads
- V 9 .Other Active
- V 10 .Looked At Ads
- V 11 .Attended Job Training
- V .Programs/Courses
- V 13 .Other Passive

D PULKPS3 2 324
SAME AS PULKPS2 (THIRD ANSWER)

- V 1 .Contacted Employer
- V .Directly/Interview
- V 2 .Contacted Public
- V .Employment Agency
- V 3 .Contacted Private
- V .Employment Agency
- V 4 .Contacted Friends Or
- V .Relatives
- V 5 .Contacted School/
- V .University Empl Center
- V 6 .Sent Out Resumes/Filled
- V .Out Application
- V 7 .Checked Union/
- V .Professional Registers
- V 8 .Placed Or Answered Ads
- V 9 .Other Active
- V 10 .Looked At Ads
- V 11 .Attended Job Training
- V .Programs/Courses

V 13 .Other Passive

D PULKPS4 2 326
SAME AS PULKPS2 (FOURTH ANSWER)

V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKPS5 2 328
SAME AS PULKPS2 (FIFTH ANSWER)

V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

D PULKPS6 2 330
SAME AS PULKPS2 (SIXTH ANSWER)

V 1 .Contacted Employer
V .Directly/Interview
V 2 .Contacted Public
V .Employment Agency
V 3 .Contacted Private
V .Employment Agency
V 4 .Contacted Friends Or
V .Relatives
V 5 .Contacted School/
V .University Empl Center
V 6 .Sent Out Resumes/Filled
V .Out Application
V 7 .Checked Union/
V .Professional Registers
V 8 .Placed Or Answered Ads
V 9 .Other Active
V 10 .Looked At Ads
V 11 .Attended Job Training
V .Programs/Courses
V 13 .Other Passive

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

U PELKM1 = 1 - 13
V 1 .Yes
V 2 .No

D PULKAVR 2 334
WHY IS THAT?

V 1 .Waiting For New Job To
V .Begin
V 2 .Own Temporary Illness
V 3 .Going To School
V 4 .Other - Specify

D PELKLL10 2 336
BEFORE YOU STARTED LOOKING
FOR WORK, WHAT WERE YOU DOING:
WORKING, GOING TO SCHOOL, OR
SOMETHING ELSE?

U PELKAVL = 1-2
V 1 .Working
V 2 .School
V 3 .Left Military Service
V 4 .Something Else

D PELKLL20 2 338
DID YOU LOSE OR QUIT THAT
JOB, OR WAS IT A TEMPORARY
JOB THAT ENDED?

U PELKLL10 = 1 OR 3
V 1 .Lost Job
V 2 .Quit Job
V 3 .Temporary Job Ended

D PELKLW0 2 340
WHEN LAST WORKED

U PELKLL10 = 1 - 4
V 1 .Within The Last 12
V .Months
V 2 .More Than 12 Months Ago
V 3 .Never Worked

D PELKDUR 3 342
DURATION OF JOB SEEKING

U PELKLW0 = 1 - 3
V 0 .Min Value
V 999 .Max Value

D PELKFT0 2 345
FT/PT STATUS OF JOBSEEKER

U PELKDUR = 0-120
V 1 .Yes
V 2 .No
V 3 .Doesn't Matter

D PEDWWNT0 2 347
DO YOU CURRENTLY WANT A
JOB, EITHER FULL OR PART TIME?

U PUDWCK1 = 3, 4, -1
V 1 .Yes, Or Maybe, It
V .Depends
V 2 .No
V 3 .Retired
V 4 .Disabled
V 5 .Unable

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

U PUDWCK4 = 4, -1
V 1 .Believes No Work
V .Available In Area Of
V .Expertise
V 2 .Couldn't Find Any Work
V 3 .Lacks Necessary
V .Schooling/Training
V 4 .Employers Think Too
V .Young Or Too Old
V 5 .Other Types Of
V .Discrimination
V 6 .Can't Arrange Child Care
V 7 .Family Responsibilities
V 8 .In School Or Other
V .Training
V 9 .Ill-Health, Physical
V .Disability
V 10 .Transportation Problems
V 11 .Other - Specify

D PEDWLK0 2 351
DID YOU LOOK FOR WORK AT
ANY TIME IN THE LAST 12 MONTHS
U (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)
V 1 .Yes
V 2 .No

D PEDWWK 2 353
DID YOU ACTUALLY WORK AT
A JOB OR BUSINESS DURING THE
LAST 12 MONTHS?
U PEDWLK0 = 1
V 1 .Yes
V 2 .No

D PEDW4WK 2 355
DID YOU DO ANY OF THIS WORK
DURING THE LAST 4 WEEKS?
U PEDWWK = 1
V 1 .Yes
V 2 .No

D PEDWLKWK 2 357
SINCE YOU LEFT THAT JOB
OR BUSINESS HAVE YOU LOOKED
FOR WORK?
U PEDW4WK = 2
V 1 .Yes
V 2 .No

D PEDWAVL 2 359
LAST WEEK, COULD YOU HAVE
STARTED A JOB IF ONE HAD
BEEN OFFERED?
U (PEDWWK = 2) or (PEDWLKWK = 1)
V 1 .Yes
V 2 .No

D PEDWAVR 2 361
WHY IS THAT?
U PEDWAVL = 2
V 1 .Own Temporary Illness
V 2 .Going To School
V 3 .Other

D PUDWCK1 2 363
SCREEN FOR DISCOURAGED WORKERS
V 1 .If Entry Of 2 In BUS2
V .Goto PUSCHCK
V 2 .If Entry Of 3 On ABSRSN
V .Goto PUNLFCK1
V 3 .If Entry Of 1 In RDT1,
V .Store 1 In DWWNT0 And
V .Goto PUDWCK4
V 4 .All Others Goto PUDWWNT

D PUDWCK2 2 365
SCREEN FOR DISABLED
V 1 .If Entry In DIS1 Or DIS2
V .Goto PUJHCK1-c
V 2 .If Entry Of 4 In DWWNT
V .Goto PUDIS1
V 3 .If Entry Of 5 In DWWNT
V .Goto PUDIS2
V 4 .All Others Goto PUDWCK4

D PUDWCK3 2 367
FILTER FOR RETIRED
V 1 .If AGERNG Equals 1-4 Or
V .9 Goto PUDWCK4
V 2 .All Others Goto PUNLFCK2

D PUDWCK4 2 369
FILTER FOR PASSIVE JOB SEEKERS
V 1 .If entry of 10 and/or 11
V .and/or 13 only in LKM1-
V .LKM3 goto PUDWCK5
V 2 .If entry of 10 and/or 11
V .and/or 13 only in LKDK1-
V .LKDK3 goto PUDWCK5

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V          3 .If entry of 10 and/or 11
V          .and/or 13 only in LKPS1-
V          .LKPS3 goto PUDWCK5
V          4 .All others goto PUDWRSN

D PUDWCK5      2      371
  FILTER FOR PASSIVE JOB SEEKERS
V          1 .If entry of 1 in LK then
V          .store 1 in DWLKO and
V          .goto PUDWWK
V          2 .All others goto PUDWLK

D PEJHWK0      2      373
  HAVE YOU WORKED AT A JOB OR
  BUSINESS AT ANY TIME DURING
  THE PAST 12 MONTHS?
U HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7
V          1 .Yes
V          2 .No

D PUJHDP10     2      375
  DID YOU DO ANY OF THIS WORK
  IN THE LAST 4 WEEKS?
V          1 .Yes
V          2 .No

D PEJHRSN      2      377
  WHAT IS THE MAIN REASON YOU
  LEFT YOUR LAST JOB?
U PEJHWK0 = 1
V          1 .Personal/Family
V          .(Including Pregnancy)
V          2 .Return To School
V          3 .Health
V          4 .Retirement Or Old Age
V          5 .Temp, Seasonal Or
V          .Intermittent Job
V          .Complete
V          6 .Slack Work/Business
V          .Conditions
V          7 .Unsatisfactory Work
V          .Arrangements (Hrs, Pay,
V          .Etc.)
V          8 .Other - Specify

D PEJHWANT     2      379
  DO YOU INTEND TO LOOK FOR
  WORK DURING THE NEXT 12 MONTHS?
U (PEJHWK0 = 2) or (PEJHRSN = 1-8)
V          1 .Yes, Or It Depends
V          2 .No

D PUJHCK1      2      381
  FILTER FOR OUTGOING ROTATIONS
V          1 .IF PURET1 = 1, -2, or -3
V          .then goto NLFCK2
V          2 .IF MISCK equals 4 or 8
V          .then goto PUJHCK2
V          3 .ll others goto PUNLFCK1

D PUJHCK2      2      383
  FILTER FOR PERSONS GOING
  THROUGH THE I AND O SERIES
V          1 .If entry of 1 in DWWK
V          .and I-MLR= 3, 4 Then
V          .store 1 in JHWK0, store
V          .DW4WK in JHDP10 and goto
V          .PUJHRSN
V          2 .If entry of 2, D or R in
V          .DWWK then store DWWK in
V          .JHWK0 and goto PUJHWANT
V          3 .All others goto PUJHWK

D PRABSREA     2      385
  REASON NOT AT WORK AND PAY
  STATUS
U PEMLR = 2
V          1 .Ft Paid-Vacation
V          2 .Ft Paid-Own Illness
V          3 .Ft Paid-Child Care
V          .Problems

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- V 4 .Ft Paid-Other
- V .Family/Personal Oblig.
- V 5 .Ft Paid-
- V .Maternity/Paternity
- V .Leave
- V 6 .Ft Paid-Labor Dispute
- V 7 .Ft Paid-Weather Affected
- V .Job
- V 8 .Ft Paid-School/Training
- V 9 .Ft Paid-Civic/Military
- V .Duty
- V 10 .Ft Paid-Other
- V 11 .Ft Unpaid-Vacation
- V 12 .Ft Unpaid-Own Illness
- V 13 .Ft Unpaid-Child Care
- V .Problems
- V 14 .Ft Unpaid-Other
- V .Fam/Personal Obligation
- V 15 .Ft Unpaid-
- V .Maternity/Paternity
- V .Leave
- V 16 .Ft Unpaid-Labor Dispute
- V 17 .Ft Unpaid-Weather
- V .Affected Job
- V 18 .Ft Unpaid-
- V .School/Training
- V 19 .Ft Unpaid-Civic/Military
- V .Duty
- V 20 .Ft Unpaid-Other
- V 22 .Pt Paid-Own Illness
- V 23 .Pt Paid-Child Care
- V .Problems
- V 24 .Pt Paid-Other Family/
- V .Personal Oblig.
- V 25 .Pt Paid-Maternity/
- V .Paternity Leave
- V 26 .Pt Paid-Labor Dispute
- V 27 .Pt Paid-Weather Affected
- V .Job
- V 28 .Pt Paid-School/Training
- V 29 .Pt Paid-Civic/Military
- V .Duty
- V 30 .Pt Paid-Other
- V 31 .Pt Unpaid-Vacation
- V 32 .Pt Unpaid-Own Illness
- V 33 .Pt Unpaid-Child Care
- V .Problems
- V 34 .Pt Unpaid-Other Fam/
- V .Personal Obligation
- V 35 .Pt Unpaid-Maternity/
- V .Paternity Leave
- V 36 .Pt Unpaid-Labor Dispute
- V 37 .Pt Unpaid-Weather
- V .Affected Job
- V 38 .Pt Unpaid-School/
- V .Training
- V 39 .Pt Unpaid-Civic/Military
- V .Duty
- V 40 .Pt Unpaid-Other

D PRCIVLF 2 387
CIVILIAN LABOR FORCE
U PEMLR = 1-7
V 01 .In Civilian Labor Force
V 02 .Not In Civilian Labor
V .Force

D PRDISC 2 389
DISCOURAGED WORKER RECODE
U PRJOBSEA = 1-4
V 1 .Discouraged Worker
V 2 .Conditionally Interested
V 3 .Not Available

D PREMPHRS 2 391
REASON NOT AT WORK OR HOURS AT
WORK
U PEMLR = 1-7
V 0 .Unemployed And Nilf
V 1 .W/Job, Not At Work-
V .Illnes

V 2 .W/Job, Not At Work-
V .Vacation
V 3 .W/Job, Not At Work-
V .Weather Affected Job
V 4 .W/Job, Not At Work-Labor
V .Dispute
V 5 .W/Job, Not At Work-Child
V .Care Problems
V 6 .W/Job, Not At Work-
V .Fam/Pers Obligation
V 7 .W/Job, Not At Work-
V .Maternity/Paternity
V 8 .W/Job, Not At Work-
V .School/Training
V 9 .W/Job, Not At Work-
V .Civic/Military Duty
V 10 .W/Job, Not At Work-Does
V .Not Work In Bus
V 11 .W/Job, Not At Work-Other
V 12 .At Work- 1-4 Hrs
V 13 .At Work- 5-14 Hrs
V 14 .At Work- 15-21 Hrs
V 15 .At Work- 22-29 Hrs
V 16 .At Work- 30-34 Hrs
V 17 .At Work- 35-39 Hrs
V 18 .At Work- 40 Hrs
V 19 .At Work- 41-47 Hrs
V 20 .At Work- 48 Hrs
V 21 .At Work- 49-59 Hrs
V 22 .At Work- 60 Hrs Or More

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

U PEMLR = 1-7
V 1 .Employed
V 2 .Unemployed
V 3 .Not In Labor Force
V .(Nilf)-Discouraged
V 4 .Not In Labor Force
V .(Nilf)-Other

D PREXPLF 2 395
EXPERIENCED LABOR FORCE
EMPLOYMENT

U PEMLR = 1-4 AND PELKLW0 ne 3
V 1 .Employed
V 2 .Unemployed

D PRFTLF 2 397
FULL TIME LABOR FORCE

U PEMLR = 1-4
V 1 .Full Time Labor Force
V 2 .Part Time Labor Force

D PRHRUSL 2 399
USUAL HOURS WORKED WEEKLY

U PEMLR = 1-2
V 1 .0-20 Hrs
V 2 .21-34 Hrs
V 3 .35-39 Hrs
V 4 .40 Hrs
V 5 .41-49 Hrs
V 6 .50 Or More Hrs
V 7 .Varies-Full Time
V 8 .Varies-Part Time

D PRJOBSEA 2 401
JOB SEARCH RECODE

U PRWNTJOB = 1
V 1 .Looked Last 4 Weeks -
V .Not Worked
V 2 .Looked Last 4 Weeks -
V .Worked
V 3 .Looked Last 4 Weeks -
V .Layoff
V 4 .Unavailable Job Seekers
V 5 .No Recent Job Search

D PRPTHRS 2 403
AT WORK 1-34 BY HOURS AT WORK

U PEMLR = 1 AND PEHRACTT = 1-34
V 0 .Usually Ft, Pt For
V .Noneconomic Reasons
V 1 .Usu.Ft, Pt Econ Reasons;
V .1-4 Hrs
V 2 .Usu.Ft, Pt Econ Reasons;
V .5-14 Hrs
V 3 .Usu.Ft, Pt Econ Reasons;
V .15-29 Hrs
V 4 .Usu.Ft, Pt Econ Reasons;
V .30-34 Hrs
V 5 .Usu.Pt, Econ Reasons;
V .1-4 Hrs
V 6 .Usu.Pt, Econ Reasons;
V .5-14 Hrs
V 7 .Usu.Pt, Econ Reasons;
V .15-29 Hrs
V 8 .Usu.Pt, Econ Reasons;
V .30-34 Hrs
V 9 .Usu.Pt, Non-Econ
V .Reasons; 1-4 Hrs
V 10 .Usu.Pt, Non-Econ
V .Reasons; 5-14 Hrs
V 11 .Usu.Pt, Non-Econ
V .Reasons; 15-29 Hrs
V 12 .Usu.Pt, Non-Econ
V .Reasons; 30-34 Hrs

D PRPTREA 2 405
DETAILED REASON FOR PART-TIME
U PEMLR = 1 AND (PEHRUSLT = 0-34 OR
PEHRACTT = 1-34)
V 1 .Usu. Ft-Slack
V .Work/Business Conditions
V 2 .Usu. Ft-Seasonal Work
V 3 .Usu. Ft-Job
V .Started/Ended During
V .Week
V 4 .Usu. Ft-
V .Vacation/Personal Day
V 5 .Usu. Ft-Own
V .Illness/Injury/Medical
V .Appointment
V 6 .Usu. Ft-Holiday
V .(Religious Or Legal)
V 7 .Usu. Ft-Child Care
V .Problems
V 8 .Usu. Ft-Other Fam/Pers
V .Obligations
V 9 .Usu. Ft-Labor Dispute
V 10 .Usu. Ft-Weather Affected
V .Job
V 11 .Usu. Ft-School/Training
V 12 .Usu. Ft-Civic/Military
V .Duty
V 13 .Usu. Ft-Other Reason
V 14 .Usu. Pt-Slack
V .Work/Business Conditions
V 15 .Usu. Pt-Could Only Find
V .Pt Work
V 16 .Usu. Pt-Seasonal Work
V 17 .Usu. Pt-Child Care
V .Problems
V 18 .Usu. Pt-Other Fam/Pers
V .Obligations
V 19 .Usu. Pt-Health/Medical
V .Limitations
V 20 .Usu. Pt-School/Training
V 21 .Usu. Pt-Retired/S.S.
V .Limit On Earnings
V 22 .Usu. Pt-Workweek <35
V .Hours
V 23 .Usu. Pt-Other Reason

D PRUNEDUR 3 407
DURATION OF UNEMPLOYMENT FOR
LAYOFF AND LOOKING RECORDS
U PEMLR = 3-4
V 0 .Min Value
V 999 .Max Value

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D PRUSFTPT      2      410
  USUAL FULLTIME/PARTTIME STATUS
U PEMLR = 1-2
V      1 .Full Time
V      2 .Part Time
V      3 .Status Unknown

D PRUNTYPE      2      412
  REASON FOR UNEMPLOYMENTU
U PEMLR = 3-4
V      1 .Job Loser/On Layoff
V      2 .Other Job Loser
V      3 .Temporary Job Ended
V      4 .Job Leaver
V      5 .Re-Entrant
V      6 .New-Entrant

D PRWKSCH      2      414
  LABOR FORCE BY TIME WORKED OR
  LOST
U PEMLR = 1 - 7
V      0 .Not In Labor Force
V      1 .At Work
V      2 .With Job, Not At Work
V      3 .Unemployed, Seeks Ft
V      4 .Unemployed, Seeks Pt

D PRWKSTAT      2      416
  FULL/PART-TIME WORK STATUS
U PEMLR = 1-7
V      1 .Not In Labor Force
V      2 .Ft Hours (35+),
V      .Usually Ft
V      3 .Pt For Economic Reasons,
V      .Usually Ft
V      4 .Pt For Non-Economic
V      .Reasons, Usually Ft
V      5 .Not At Work, Usually Ft
V      6 .Pt Hrs, Usually Pt For
V      .Economic Reasons
V      7 .Pt Hrs, Usually Pt For
V      .Non-Economic Reasons
V      8 .Ft Hours, Usually Pt For
V      .Economic Reasons
V      9 .Ft Hours, Usually Pt For
V      .Non-Economic
V      10 .Not At Work, Usually
V      .Part-Time
V      11 .Unemployed Ft
V      12 .Unemployed Pt

D PRWNTJOB      2      418
  NILF RECODE - WANT A JOB OR
  OTHER NILF
U PEMLR = 5-7
V      1 .Want A Job
V      2 .Other Not In Labor Force

D PUJHCK3      2      420
  JOB HISTORY CHECK ITEM
V      1 .If I-MLR EQ 3 or 4 then
V      .goto PUJHDP1
V      2 .All others goto PUJHRSN

D PUJHCK4      2      422
  SCREEN FOR DEPENDENT NILF
V      1 .If entry of 2, D or R in
V      .PUDW4WK or in PUJHDP10
V      .then goto PUJHCK5
V      2 .If entry of 1 in PUDW4WK
V      .or in PUJHDP10 then goto
V      .PUI01INT
V      3 .If I-MLR equals 1 or 2
V      .and entry in PUJHRSN
V      .then goto PUJHCK5
V      4 .If entry in PUJHRSN then
V      .goto PUI01INT
V      5 .All others goto PUNLFCK1

D PUJHCK5      2      424
  SCREEN FOR DEPENDENT NILF

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V 1 .If I-I01ICR equals 1 or
V .I-I010CR equals 1 then
V .goto PUI01INT
V 2 .All others goto PUI0CK5

D PUIODP1 2 426
 LAST MONTH, IT WAS REPORTED
 THAT YOU WORKED FOR (EMPLOYER'S
 NAME). DO STILL WORK FOR
 (EMPLOYER'S NAME) (AT YOUR
 MAIN JOB)?
V 1 .Yes
V 2 .No

D PUIODP2 2 428
 HAVE THE USUAL ACTIVITIES AND
 DUTIES OF YOUR JOB CHANGED
 SINCE LAST MONTH?
V 1 .Yes
V 2 .No

D PUIODP3 2 430
 LAST MONTH YOU WERE REPORTED
 AS (A/AN) (OCCUPATION) AND
 YOUR USUAL ACTIVITIES WERE
 (DESCRIPTION). IS THIS AN
 ACCURATE DESCRIPTION OF
 YOUR CURRENT JOB?
V 1 .Yes
V 2 .No

D PEI01COW 2 432
 INDIVIDUAL CLASS OF WORKER
 CODE ON FIRST JOB NOTE: A
 PEI01COW CODE CAN BE ASSIGNED
 EVEN IF AN INDIVIDUAL IS NOT
 CURRENTLY EMPLOYED.

U (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)

V 1 .Government - Federal
V 2 .Government - State
V 3 .Government - Local
V 4 .Private, For Profit
V 5 .Private, Nonprofit
V 6 .Self-Employed,
V .Incorporated
V 7 .Self-Employed,
V .Unincorporated
V 8 .Without Pay

D PUI01MFG 2 434
 IS THIS BUSINESS OR
 ORGANIZATION MAINLY
 MANUFACTURING, RETAIL
 TRADE, WHOLESALE TRADE,
 OR SOMETHING ELSE?
V 1 .Manufacturing
V 2 .Retail Trade
V 3 .Wholesale Trade
V 4 .Something Else

D PEI01ICD 3 436
 INDUSTRY CODE FOR PRIMARY JOB

U (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)

V 0 .Min Value
V 999 .Max Value

D PEI010CD 3 439
 OCCUPATION CODE FOR PRIMARY JOB.

U (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)

V 0 .Min Value
V 999 .Max Value

D PEIO2COW 2 442
INDIVIDUAL CLASS OF WORKER
ON SECOND JOB.
NOTE: FOR THOSE SELF-EMPLOYED
UNINCORPORATED ON THEIR FIRST
JOB, THIS SHOULD HAVE A RESPONSE
EVERY MONTH. FOR ALL OTHERS,
THIS SHOULD ONLY HAVE A VALUE IN
OUT-GOING ROTATIONS.

U PEMJOT = 1 AND (HRMIS = 4,8 OR
PEIO1COW = 7,8)

V 1 .Government - Federal
V 2 .Government - State
V 3 .Government - Local
V 4 .Private, For Profit
V 5 .Private, Nonprofit
V 6 .Self-Employed,
V .Incorporated
V 7 .Self-Employed,
V .Unincorporated
V 8 .Without Pay
V 9 .Unknown
V 10 .Government, Level
V .Unknown
V 11 .Self-Employed, Incorp.
V .Status Unknown

D PUI02MFG 2 444
IS THIS BUSINESS OR
ORGANIZATION MAINLY
MANUFACTURING, RETAIL TRADE,
WHOLESALE TRADE, OR SOMETHING
ELSE?

V 1 .Manufacturing
V 2 .Retail Trade
V 3 .Wholesale Trade
V 4 .Something Else

D PEIO2ICD 3 446
INDUSTRY CODE FOR SECOND JOB.

U PEMJOT = 1

AND HRMIS = 4 OR 8

V 0 .Min Value
V 999 .Max Value

D PEIO2OCD 3 449
OCCUPATION CODE FOR SECOND JOB.

U PEMJOT = 1

AND HRMIS = 4 OR 8

V 0 .Min Value
V 999 .Max Value

D PUIOCK1 2 452
I & O CHECK ITEM 1 SCREEN FOR
DEPENDENT I AND O

V 1 .If {MISCK EQ 1 or 5) or
V .MISCK EQ 2-4, 6-8 and I-
V .MLR EQ 3-7) and entry of
V .1 in ABS} then goto
V .PUI01INT
V 2 .If (MISCK EQ 1 or 5) or
V .{(MISCK EQ 2-4, 6-8 and
V .I-MLR EQ 3-7) and (entry
V .of 1 in WK or HRCK7-C is
V .blank, 1-3) goto
V .PUI01INT
V 3 .If I-IO1NAM is D, R or
V .blank then goto PUI01INT
V 4 .All others goto PUIODP1

D PUIOCK2 2 454
I & O CHECK ITEM 2 SCREEN FOR
PREVIOUS MONTHS I AND O CASES

V 1 .If I-IO1ICR EQ 1 then
V .goto PUI01IND
V 2 .If I-IO1OCR EQ 1 then
V .goto PUI01OCC
V 3 .All others goto PUIODP2

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D PUIOCK3      2      456
  I & O CHECK ITEM 3
V      1 .If I-I010CC equals D, R
V      .or blank then goto
V      .PUI010CC
V      2 .If I-I01DT1 is D, R or
V      .blank then goto PUI010CC
V      3 .All others goto PUIODP3

D PRIOELG      2      458
  INDUSTRY AND OCCUPATION
  ELIGIBILITY FLAG
U 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)
V      0 .Not Eligible For Edit
V      1 .Eligible For Edit

D PRAGNA      2      460
  AGRICULTURE/NON-AGRICULTURE
  INDUSTRY
U PRIOELG = 1
V      1 .Agricultural
V      2 .Non-Agricultural

D PRCOW1      2      462
  CLASS OF WORKER RECODE - JOB 1
U PRIOELG = 1
V      1 .Federal Govt
V      2 .State Govt
V      3 .Local Govt
V      4 .Private (Incl. Self-
V      .Employed Incorp.)
V      5 .Self-Employed, Unincorp.
V      6 .Without Pay

D PRCOW2      2      464
  CLASS OF WORKER RRECODE - JOB 2
U PRIOELG = 1
  AND PEMJOT = 1 AND HRMIS = 4 OR 8
V      1 .Federal Govt
V      2 .State Govt
V      3 .Local Govt
V      4 .Private (Incl. Self-
V      .Employed Incorp.)
V      5 .Self-Employed, Unincorp.
V      6 .Without Pay

D PRCOWPG      2      466
  COW - PRIVATE OR GOVERNMENT
U PEI01COW = 1 - 5
V      1 .Private
V      2 .Government

D PRDTCOW1     2      468
  DETAILED CLASS OF WORKER
  RECODE - JOB 1
U PRIOELG = 1
V      1 .Agri., Wage & Salary,
V      .Private
V      2 .Agri., Wage & Salary,
V      .Government
V      3 .Agri., Self-Employed
V      4 .Agri., Unpaid
V      5 .Nonag, Ws, Private,
V      .Private Hhlds
V      6 .Nonag, Ws, Private,
V      .Other Private
V      7 .Nonag, Ws, Govt, Federal
V      8 .Nonag, Ws, Govt, State
V      9 .Nonag, Ws, Govt, Local
V      10 .Nonag, Self-Employed
V      11 .Nonag, Unpaid

D PRDTCOW2     2      470
  DETAILED CLASS OF WORKER
  RECODE - JOB 2
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U PRIOELG = 1 AND
PEMJOT = 1 AND HRMIS = 4 OR 8
V 1 .Agri., Wage & Salary,
V .Private
V 2 .Agri., Wage & Salary,
V .Government
V 3 .Agri., Self-Employed
V 4 .Agri., Unpaid
V 5 .Nonag, Ws, Private,
V .Private Hhlds
V 6 .Nonag, Ws, Private,
V .Other Private
V 7 .Nonag, Ws, Govt, Federal
V 8 .Nonag, Ws, Govt, State
V 9 .Nonag, Ws, Govt, Local
V 10 .Nonag, Self-Employed
V 11 .Nonag, Unpaid

D PRDTIND1 2 472
DETAILED INDUSTRY RECODE - JOB 1
U PRIOELG = 1
V 1 .Goods Producing-
V .Agricultural Services
V 2 .Goods Producing-Other
V .Agricultural
V 3 .Mining
V 4 .Construction
V 5 .Mfg-Lumber & Wood Prods,
V .Ex Furniture
V 6 .Mfg-Furniture & Fixtures
V 7 .Mfg-Stone, Clay,
V .Concrete, Glass Prods
V 8 .Mfg-Primary Metals
V 9 .Mfg-Fabricated Metals
V 10 .Mfg-Not Specified Metal
V .Industries
V 11 .Mfg-Machinery, Ex
V .Electrical
V 12 .Mfg-Electrical
V .Machinery, Equip
V .Supplies
V 13 .Mfg-Motor Vehicles &
V .Equip
V 14 .Mfg-Aircraft & Parts
V 15 .Mfg-Other Transportation
V .Equipment
V 16 .Mfg-Professional & Photo
V .Equip, Watches
V 17 .Mfg-Toys, Amusement &
V .Sporting Goods
V 18 .Mfg-Misc & Nec Mfg
V .Industries
V 19 .Mfg-Food & Kindred
V .Prods
V 20 .Mfg-Tobacco Prods
V 21 .Mfg-Textile Mill Prods
V 22 .Mfg-Apparel & Other
V .Finished Textile Pr
V 23 .Mfg-Paper & Allied
V .Products
V 24 .Mfg-Printing,
V .Publishing & Allied Inds
V 25 .Mfg-Chemicals & Allied
V .Prods
V 26 .Mfg-Petroleum & Coal
V .Prods
V 27 .Mfg-Rubber & Misc
V .Plastic Prods
V 28 .Mfg-Leather & Leather
V .Prods
V 29 .Transportation
V 30 .Communications
V 31 .Utilities & Sanitary
V .Services
V 32 .Wholesale Trade
V 33 .Eating And Drinking
V .Places
V 34 .Other Retail Trade
V 35 .Banking And Other
V .Finance
V 36 .Insurance And Real

V .Estate
V 37 .Private Household
V .Services
V 38 .Business Services
V 39 .Automobile And Repair
V .Services
V 40 .Personal Serv Exc
V .Private Households
V 41 .Entertainment &
V .Recreation Services
V 42 .Hospitals
V 43 .Health Services, Exc.
V .Hospitals
V 44 .Educational Services
V 45 .Social Services
V 46 .Other Professional
V .Services
V 47 .Forestry & Fisheries
V 48 .Justice, Public Order &
V .Safety
V 49 .Admin Of Human Resource
V .Programs
V 50 .National Security &
V .Internal Affairs
V 51 .Other Public
V .Administration
V 52 .Armed Forces

D PRDTIND2 2 474
DETAILED INDUSTRY RECODE - JOB 2
U PRIOELG = 1 AND
PEMJOT = 1 AND HRMIS = 4 OR 8
V 1 .Goods Producing-
V .Agricultural Services
V 2 .Goods Producing-Other
V .Agricultural
V 3 .Mining
V 4 .Construction
V 5 .Mfg-Lumber & Wood Prods,
V .Ex Furniture
V 6 .Mfg-Furniture & Fixtures
V 7 .Mfg-Stone, Clay,
V .Concrete, Glass Prods
V 8 .Mfg-Primary Metals
V 9 .Mfg-Fabricated Metals
V 10 .Mfg-Not Specified Metal
V .Industries
V 11 .Mfg-Machinery, Ex
V .Electrical
V 12 .Mfg-Electrical
V .Machinery, Equip
V .Supplies
V 13 .Mfg-Motor Vehicles &
V .Equip
V 14 .Mfg-Aircraft & Parts
V 15 .Mfg-Other Transportation
V .Equipment
V 16 .Mfg-Professional & Photo
V .Equip, Watches
V 17 .Mfg-Toys, Amusement &
V .Sporting Goods
V 18 .Mfg-Misc & Nec Mfg
V .Industries
V 19 .Mfg-Food & Kindred Prods
V 20 .Mfg-Tobacco Prods
V 21 .Mfg-Textile Mill Prods
V 22 .Mfg-Apparel & Other
V .Finished Textile Pr
V 23 .Mfg-Paper & Allied
V .Products
V 24 .Mfg-Printing, Publishing
V .& Allied Inds
V 25 .Mfg-Chemicals & Allied
V .Prods
V 26 .Mfg-Petroleum & Coal
V .Prods
V 27 .Mfg-Rubber & Misc
V .Plastic Prods
V 28 .Mfg-Leather & Leather
V .Prods
V 29 .Transportation

- V 30 .Communications
- V 31 .Utilities & Sanitary
- V .Services
- V 32 .Wholesale Trade
- V 33 .Eating And Drinking
- V .Places
- V 34 .Other Retail Trade
- V 35 .Banking And Other
- V .Finance
- V 36 .Insurance And Real
- V .Estate
- V 37 .Private Household
- V .Services
- V 38 .Business Services
- V 39 .Automobile And Repair
- V .Services
- V 40 .Personal Serv Exc
- V .Private Households
- V 41 .Entertainment &
- V .Recreation Services
- V 42 .Hospitals
- V 43 .Health Services, Exc.
- V .Hospitals
- V 44 .Educational Services
- V 45 .Social Services
- V 46 .Other Professional
- V .Services
- V 47 .Forestry & Fisheries
- V 48 .Justice, Public Order &
- V .Safety
- V 49 .Admin Of Human Resource
- V .Programs
- V 50 .National Security &
- V .Internal Affairs
- V 51 .Other Public
- V .Administration
- V 52 .Armed Forces

D PRDTOCC1 2 476
DETAILED OCCUPATION RECODE -
JOB 1

- U PRIOELG = 1
- V 1 .Officials &
 - V .Administrators, Public
 - V .Admin.
 - V 2 .Other Executive, Admin.
 - V .& Managerial
 - V 3 .Management Related
 - V .Occupations
 - V 4 .Engineers
 - V 5 .Mathematical And
 - V .Computer Scientists
 - V 6 .Natural Scientists
 - V 7 .Health Diagnosing
 - V .Occupations
 - V 8 .Health Assessment And
 - V .Treatment Occupations
 - V 9 .Teachers, College And
 - V .University
 - V 10 .Teachers, Except College
 - V .And University
 - V 11 .Lawyers And Judges
 - V 12 .Other Professional
 - V .Specialty Occupations
 - V 13 .Health Technologists And
 - V .Technicians
 - V 14 .Engineering And Science
 - V .Technicians
 - V 15 .Technicians, Except
 - V .Health, Engineering, And
 - V .Science
 - V 16 .Supervisors And
 - V .Proprietors, Sales
 - V .Occupations
 - V 17 .Sales Reps, Finance And
 - V .Business Services
 - V 18 .Sales Reps, Commodities,
 - V .Except Retail
 - V 19 .Sales Workers, Retail &
 - V .Personal Services
 - V 20 .Sales Related

- V .Occupations
- V 21 .Supervisors,
- V .Administrative Support
- V 22 .Computer Equipment
- V .Operators
- V 23 .Secretaries,
- V .Stenographers, And
- V .Typists
- V 24 .Financial Records
- V .Processing
- V 25 .Mail And Message
- V .Distribution
- V 26 .Other Admin. Support,
- V .Including Clerical
- V 27 .Private Household
- V .Service Occupations
- V 28 .Protective Service
- V 29 .Food Service
- V 30 .Health Service
- V 31 .Cleaning And Building
- V .Service
- V 32 .Personal Service
- V 33 .Mechanics And Repairers
- V 34 .Construction Trades
- V 35 .Other Precision
- V .Production, Craft, And
- V .Repair
- V 36 .Machine Operators, And
- V .Tenders, Except
- V .Precision
- V 37 .Fabricators, Assemblers,
- V .Inspectors, Samplers
- V 38 .Motot Vehicle Operators
- V 39 .Other Transportation And
- V .Material Moving
- V .Occupations
- V 40 .Construction Laborers
- V 41 .Freight, Stock, &
- V .Materials Handlers
- V 42 .Other Handlers, Equipt.
- V .Cleaners, Helpers,
- V .Laborers
- V 43 .Farm Operators And
- V .Managers
- V 44 .Farm Workers And Related
- V .Occupations
- V 45 .Forestry And Fishing
- V .Occupations
- V 46 .Armed Forces

D PRDTOCC2 2 478
DETAILED OCCUPATION RECODE
U PRIOELG = 1 AND
PEMJOT = 1 AND HRMIS = 4 OR 8

- V 1 .Officials &
- V .Administrators, Public
- V .Admin.
- V 2 .Other Executive, Admin.
- V .& Managerial
- V 3 .Management Related
- V .Occupations
- V 4 .Engineers
- V 5 .Mathematical And
- V .Computer Scientists
- V 6 .Natural Scientists
- V 7 .Health Diagnosing
- V .Occupations
- V 8 .Health Assessment And
- V .Treatment Occupations
- V 9 .Teachers, College And
- V .University
- V 10 .Teachers, Except College
- V .And University
- V 11 .Lawyers And Judges
- V 12 .Other Professional
- V .Specialitu Occupations
- V 13 .Health Technologists And
- V .Technicians
- V 14 .Engineering And Science
- V .Technicians
- V 15 .Technicians, Except

V .Health, Engineering, And
V .Science
V 16 .Supervisors And
V .Proprietors, Sales
V .Occupations
V 17 .Sales Reps, Finance And
V .Business Services
V 18 .Sales Reps, Commodities,
V .Except Retail
V 19 .Sales Workers, Retail &
V .Personal Services
V 20 .Sales Related
V .Occupations
V 21 .Supervisors,
V .Administrative Support
V 22 .Computer Equipment
V .Operators
V 23 .Secretaries,
V .Stenographers, And
V .Typists
V 24 .Financial Records
V .Processing
V 25 .Mail And Message
V .Distribution
V 26 .Other Admin. Support,
V .Including Clerical
V 27 .Private Household
V .Service Occupations
V 28 .Protective Service
V 29 .Food Service
V 30 .Health Service
V 31 .Cleaning And Building
V .Service
V 32 .Personal Service
V 33 .Mechanics And Repairers
V 34 .Construction Trades
V 35 .Other Precision
V .Production, Craft, And
V .Repair
V 36 .Machine Operators, And
V .Tenders, Except
V .Precision
V 37 .Fabricators, Assemblers,
V .Inspectors, Samplers
V 38 .Motot Vehicle Operators
V 39 .Other Transportation And
V .Material Moving
V .Occupations
V 40 .Construction Laborers
V 41 .Freight, Stock, &
V .Materials Handlers
V 42 .Other Handlers, Equipt.
V .Cleaners, Helpers,
V .Laborers
V 43 .Farm Operators And
V .Managers
V 44 .Farm Workers And Related
V .Occupations
V 45 .Forestry And Fishing
V .Occupations
V 46 .Armed Forces

D PREMP 2 480
EMPLOYED PERSONS (NON-FARM &
NON-PRIVATE HHLD) RECODE
U PEMLR = 1 OR 2
AND PEI010CD ne 403-407, 473-484
V 1 .Employed Persons (Exc.
V .Farm & Priv Hh)

D PRMJIND1 2 482
MAJOR INDUSTRY RECODE - JOB 1
U PRDTIND1 = 1-51
V 1 .Agriculture
V 2 .Mining
V 3 .Construction
V 4 .Manufacturing - Durable
V .Goods
V 5 .Manufacturing - Non-
V .Durable Goods
V 6 .Transportation

- V 7 .Communications
- V 8 .Utilities And Sanitary
- V .Services
- V 9 .Wholesale Trade
- V 10 .Retail Trade
- V 11 .Finance, Insurance, And
- V .Real Estate
- V 12 .Private Households
- V 13 .Business, Auto And
- V .Repair Services
- V 14 .Personal Services, Exc.
- V .Private Hhlds
- V 15 .Entertainment And
- V .Recreation Services
- V 16 .Hospitals
- V 17 .Medical Services, Exc.
- V .Hospitals
- V 18 .Educational Services
- V 19 .Social Services
- V 20 .Other Professional
- V .Services
- V 21 .Forestry And Fisheries
- V 22 .Public Administration
- V 23 .Armed Forces

- D PRMJIND2 2 484
MAJOR INDUSTRY RECODE - JOB 2
U PRDTIND2 = 1-51
- V 1 .Agriculture
 - V 2 .Mining
 - V 3 .Construction
 - V 4 .Manufacturing - Durable
 - V .Goods
 - V 5 .Manufacturing - Non-
 - V .Durable Goods
 - V 6 .Transportation
 - V 7 .Communications
 - V 8 .Utilities And Sanitary
 - V .Services
 - V 9 .Wholesale Trade
 - V 10 .Retail Trade
 - V 11 .Finance, Insurance, And
 - V .Real Estate
 - V 12 .Private Households
 - V 13 .Business, Auto And
 - V .Repair Services
 - V 14 .Personal Services, Exc.
 - V .Private Hhlds
 - V 15 .Entertainment And
 - V .Recreation Services
 - V 16 .Hospitals
 - V 17 .Medical Services, Exc.
 - V .Hospitals
 - V 18 .Educational Services
 - V 19 .Social Services
 - V 20 .Other Professional
 - V .Services
 - V 21 .Forestry And Fisheries
 - V 22 .Public Administration
 - V 23 .Armed Forces

- D PRMJOCC1 2 486
MAJOR OCCUPATION RECODE - JOB 1
U PRDTOCC1 = 1-46
- V 1 .Executive,
 - V .Administrative, &
 - V .Managerial Occupations
 - V 2 .Professional Specialty
 - V .Occupations
 - V 3 .Technicians And Related
 - V .Support Occupations
 - V 4 .Sales Occupations
 - V 5 .Administrative Support
 - V .Occupations, Including
 - V .Clerical
 - V 6 .Private Household
 - V .Occupations
 - V 7 .Protective Service
 - V .Occupations
 - V 8 .Service Occupations,
 - V .Except Protective & Hhld

V 9 .Precision Production,
V .Craft & Repair
V .Occupations
V 10 .Machine Operators,
V .Assemblers & Inspectors
V 11 .Transportation And
V .Material Moving
V .Occupations
V 12 .Handlers, Equip
V .Cleaners, Helpers,
V .Laborers
V 13 .Farming, Forestry And
V .Fishing Occupations
V 14 .Armed Forces

D PRMJOCC2 2 488
MAJOR OCCUPATION RECODE - JOB 2
U PRDTOCC2 = 1-46
V 1 .Executive,
V .Administrative, &
V .Managerial Occupations
V 2 .Professional Specialty
V .Occupations
V 3 .Technicians And Related
V .Support Occupations
V 4 .Sales Occupations
V 5 .Administrative Support
V .Occupations, Including
V .Clerical
V 6 .Private Household
V .Occupations
V 7 .Protective Service
V .Occupations
V 8 .Service Occupations,
V .Except Protective & Hhld
V 9 .Precision Production,
V .Craft & Repair
V .Occupations
V 10 .Machine Operators,
V .Assemblers & Inspectors
V 11 .Transportation And
V .Material Moving
V .Occupations
V 12 .Handlers, Equip
V .Cleaners, Helpers,
V .Laborers
V 13 .Farming, Forestry And
V .Fishing Occupations
V 14 .Armed Forces

D PRMJOCGR 2 490
MAJOR OCCUPATION CATEGORIES
U PRMJOCC = 1-13
V 1 .Managerail &
V .Professional, Technical,
V .Sales & Support
V .Occupations
V 2 .Service Occupations
V 3 .Production, Craft,
V .Repair, Operators
V 4 .Farming, Forestry &
V .Fishing Occupations

D PRNAGPWS 2 492
NON-AGRICULTURE, PRIVATE WAGE
AND SALARY WORKERS RECODE
U PRCOW1 = 1
AND PEI01ICD ne 761 OR 010-030
V 1 .Non-ag Priv Wage &
V .Salary (Ex Priv Hh)

D PRNAGWS 2 494
NON-AGRICULTURE WAGE AND SALARY
WORKERS RECODE
U PEMLR = 1-4 + AND PRCOW = 1-4 AND
PEI01ICD ne 010-030
V 1 .Non-ag Wage And Salary
V .Workers

D PRSJMJ 2 496
SINGLE/MULTIPLE JOBHOLDER

U PEMLR = 1 OR 2
V 1 .Single Jobholder
V 2 .Multiple Jobholder

D PRERELG 2 498
EARNINGS ELIGIBILITY FLAG
U PEMLR = 1-2
AND HRMIS = 4 OR 8
V 0 .Not Eligible For Edit
V 1 .Eligible For Edit

D PEERNUOT 2 500
DO YOU USUALLY RECEIVE
OVERTIME PAY, TIPS, OR
COMMISSIONS AT YOUR JOB?
U PRERELG = 1
V 1 .Yes
V 2 .No

D PEERNPER 2 502
PERIODICITY
U PRERELG = 1
V 1 .Hourly
V 2 .Weekly
V 3 .Bi-Weekly
V 4 .Twice Monthly
V 5 .Monthly
V 6 .Annually
V 7 .Other - Specify

D PEERNRT 2 504
(EVEN THOUGH YOU TOLD ME IT
IS EASIER TO REPORT YOUR
EARNINGS (PERIODICITY); ARE
YOU PAID AT AN HOURLY RATE
ON YOUR (MAIN/THIS) JOB?
U PEERNPER = 2-7
V 1 .Yes
V 2 .No

D PEERNHRY 2 506
HOURLY/NONHOURLY STATUS
U PRERELG = 1
V 1 .Hourly Worker
V 2 .Nonhourly Worker

D PUERNH1C 4 508
WHAT IS YOUR HOURLY RATE OF
PAY ON THIS JOB, EXCLUDING
OVERTIME PAY, TIPS OR
COMMISSION? DOLLAR AMOUNT -
2 IMPLIED DECIMALS
V 0 .Min Value
V 9999 .Max Value

D PEERNH2 4 512
(EXCLUDING OVERTIME PAY, TIPS
AND COMMISSIONS) WHAT IS YOUR
HOURLY RATE OF PAY ON YOUR
(MAIN/THIS) JOB? DOLLAR AMOUNT
- 2 IMPLIED DECIMALS
U PEERNRT = 1
V 0 .Min Value
V 9999 .Max Value

D PEERNH10 4 516
OUT VARIABLE FOR HOURLY RATE OF
PAY (2 IMPLIED DECIMALS)
U PEERNPER = 1
V 0 .Min Value
V 9999 .Max Value

D PRERNHLY 4 520
RECODE FOR HOURLY RATE 2 IMPLIED
DECIMALS
U PEERNPER = 1 OR PEERNRT = 1
V 0 .Min Value
V 9999 .Max Value

D PTHR 1 524
HOURLY PAY - TOP CODE

V 0 .Not Topcoded
V 1 .Topcoded

D PEERNHRO 2 525
 USUAL HOURS
U PEERNH10 = ENTRY
V 0 .Min Value
V 99 .Max Value

D PRERNWA 8 527
 WEEKLY EARNINGS RECODE
 2 IMPLIED DECIMALS
U PRERELG = 1
V 0 .Min Value
V 1923 .Max Value

D PTWK 1 535
 WEEKLY EARNINGS - TOP CODE
V 0 .Not Topcoded
V 1 .Topcoded

D PEERNVR1 2 536
 I HAVE ESTIMATED YOUR
 USUAL WEEKLY EARNINGS
 (FOR YOUR MAIN JOB) AS ()
 BEFORE TAXES OR OTHER
 DEDUCTIONS. DOES THAT SOUND
 CORRECT?
U PEERNHRO = ENTRY
V 1 .Yes
V 2 .No

D PEERNVR3 2 538
 I HAVE ESTIMATED YOUR
 TOTAL WEEKLY EARNINGS
 (FOR YOUR MAIN JOB) AS ()
 BEFORE TAXES OR OTHER
 DEDUCTIONS. DOES THAT
 SOUND CORRECT?
U PEERNVR1 = -2
 OR 2 (THIS IS AN APPROXIMATE
 UNIVERSE AS THE VARIABLES WHICH
 COMPRISE THE UNIVERSE ARE NOT
 INCLUDED ON THIS FILE)
V 1 .Yes
V 2 .No

D PEERN 8 540
 CALCULATED WEEKLY OVERTIME
 AMOUNT 2 IMPLIED DECIMALS
U PEERNUOT = 1 AND PEERNPER = 1
V 0 .Min Value
V 99999999 .Max Value

D PUERN2 8 548
 CALCULATED WEEKLY OVERTIME
 AMOUNT 2 IMPLIED DECIMALS
V 0 .Min Value
V 99999999 .Max Value

D PTOT 1 556
 WEEKLY OVERTIME AMOUNT -
 TOP CODE
V 0 .Not Topcoded
V 1 .Topcoded

D PUERNVR4 2 557
 I HAVE RECORDED YOUR TOTAL
 EARNINGS (FOR YOUR MAIN
 JOB) AS () BEFORE TAXES
 OR OTHER DEDUCTIONS.
 IS THAT CORRECT?
V 1 .Yes
V 2 .No

D PEERNWKP 2 559
 HOW MANY WEEKS A YEAR DO
 YOU GET PAID FOR?
U PEERNPER = 6
V 01 .Min Value
V 52 .Max Value

D PEERNLAB 2 561
ON THIS JOB, ARE YOU A
MEMBER OF A LABOR UNION OR OF
AN EMPLOYEE ASSOCIATION SIMILAR
TO A UNION?
U (PEI01COW = 1-5
AND PEMLR = 1-2 AND HRMIS = 4, 8)
V 1 .Yes
V 2 .No

D PEERNCOV 2 563
ON THIS JOB ARE YOU COVERED BY
A UNION OR EMPLOYEE ASSOCIATION
CONTRACT?
U (PEI01COW = 1-5
AND PEMLR = 1-2 AND HRMIS = 4, 8)
V 1 .Yes
V 2 .No

D PENLFJH 2 565
WHEN DID YOU LAST WORK AT A
JOB OR BUSINESS?
U HRMIS = 4 OR 8 AND PEMLR = 3-7
V 1 .Within The Last
V .12 Months
V 2 .More Than 12 Months Ago
V 3 .Never Worked

D PENLFRET 2 567
ARE YOU RETIRED FROM A JOB
OR BUSINESS?
U PEAGE = 50+
AND PEMLR = 3-7
V 1 .Yes
V 2 .No

D PENLFACT 2 569
WHAT BEST DESCRIBES YOUR
SITUATION AT THIS TIME? FOR
EXAMPLE, ARE YOU DISABLED, ILL,
IN SCHOOL, TAKING CARE OF
HOUSE OR FAMILY, OR SOMETHING
ELSE?
U (PEAGE = 14-49) or (PENLFRET = 2)
V 1 .Disabled
V 2 .Ill
V 3 .In School
V 4 .Taking Care Of House Or
V .Family
V 5 .In Retirement
V 6 .Something Else/Other

D PUNLFCK1 2 571
NOT IN LABOR FORCE
CHECK ITEM - 1
V 1 .If AGERNG Equals 1-4 or
V .9 Then Goto NlFACT
V 2 .All Others Goto NlFRET

D PUNLFCK2 2 573
NOT IN LABOR FORCE CHECK ITEM - 2
V 1 .If MISCL Equals 4 or 8
V .Then Goto NlFJH
V 2 .All Others Goto LBFR-END

D PESCHENR 2 575
LAST WEEK, WERE YOU ENROLLED I
N A HIGH SCHOOL, COLLEGE, OR
UNIVERSITY?
U PRPERTYP = 2
and PEAGE = 16-24
V 1 .Yes
V 2 .No

D PESCHFT 2 577
ARE YOU ENROLLED IN SCHOOL AS A)
FULL-TIME OR PART-TIME STUDENT?
U PESCHLVL = 1, 2
V 1 .Full-Time
V 2 .Part-Time

D PESCHLVL 2 579
WOULD THAT BE HIGH SCHOOL,
COLLEGE, OR UNIVERSITY?
U PESCHENR = 1
V 1 .High School
V 2 .College or University

D PRNLFSCH 2 581
NLF ACTIVITY - IN SCHOOL OR
NOT IN SCHOOL
U PENLFACT = -1
OR 1-6 AND PEAGE = 16-24
V 1 .In School
V 2 .Not in School PERSON'S
V .WEIGHTS

D PWFMWGT 10 583
FAMILY WEIGHT (4 IMPLIED
DECIMALS) ONLY USED FOR
TALLYING FAMILY CHARACTERISTICS.
U PRPERTYP = 1-3

D PWLGWGT 10 593
LONGITUDINAL WEIGHT (4 IMPLIED
DECIMALS) ONLY FOUND ON ADULT
RECORDS MATCHED FROM MONTH
TO MONTH. (USED FOR GROSS
FLOWS ANALYSIS)
U PRPERTYP = 2

D PWORWGT 10 603
OUTGOING ROTATION WEIGHT
(4 IMPLIED DECIMALS) USED FOR
TALLYING INFORMATION COLLECTED
ONLY IN OUTGOING ROTATIONS
(i.e., EARNINGS, 2nd JOB I & O,
DETAILED NILF)
U PRPERTYP = 2

D PWSSWGT 10 613
FINAL WEIGHT (4 IMPLIED
DECIMAL PLACES) USED FOR
MOST TABULATIONS, CONTROLLED
TO INDEPENDENT ESTIMATES FOR
1) STATES; 2) ORIGIN, SEX,
AND AGE; AND 3) AGE, RACE,
AND SEX.
U PRPERTYP = 1-3

D PWVETWGT 10 623
VETERANS WEIGHT 4 IMPLIED
DECIMALS) USED FOR TALLYING
VETERAN'S DATA ONLY,
CONTROLLED TO ESTIMATES OF
VETERANS SUPPLIED BY VA.
U PRPERTYP = 2

D FILLER 6 633

* ALLOCATION FLAGS *

D PRWERNAL 2 639
ALLOCATION FLAG WEEKLY
EARNINGS RECODE (PRERNWA)
ALLOCATION FLAG
U PRERELG = 1
V 00 .NO ALLOCATION
V 01 .ONE OR MORE
V .COMPONENTS OF THE
V .RECODE ARE ALLOCATED

D PRHERNAL 2 641
ALLOCATION FLAG HOURLY EARNINGS
RECODE (PRERNHLY)ALLOCATION FLAG
U PRERNHRY = 1
V 00 .NO ALLOCATION
V 01 .ONE OR MORE COMPONENT
V .OF THE RECODE ARE

V			.ALLOCATED (See the
V			.allocation flags
V			.attachment for a
V			.description of
V			.allocation values)
D	HXTENURE	2	643
	ALLOCATION		FLAG
D	HXHOUSUT	2	645
	ALLOCATION		FLAG
D	HXTELHHD	2	647
	ALLOCATION		FLAG
D	HXTELAVL	2	649
	ALLOCATION		FLAG
D	HXPHONE0	2	651
	ALLOCATION		FLAG
D	PXINUSYR	2	653
	ALLOCATION		FLAG
D	PXRRP	2	655
	ALLOCATION		FLAG
D	PXPARENT	2	657
	ALLOCATION		FLAG
D	PXAGE	2	659
	ALLOCATION		FLAG
D	PXMARITL	2	661
	ALLOCATION		FLAG
D	PXSPOUSE	2	663
	ALLOCATION		FLAG
D	PXSEX	2	665
	ALLOCATION		FLAG
D	PXAFWHEN	2	667
	ALLOCATION		FLAG
D	PXAFNOW	2	669
	ALLOCATION		FLAG
D	PXEDUCA	2	671
	ALLOCATION		FLAG
D	PXRACE	2	673
	ALLOCATION		FLAG
D	PXNATVTY	2	675
	ALLOCATION		FLAG
D	PXMNTVTY	2	677
	ALLOCATION		FLAG
D	PXFNTVTY	2	679
	ALLOCATION		FLAG
D	FILLER	2	681
D	PXORIGIN	2	683
	ALLOCATION		FLAG
D	PXMLR	2	685
	ALLOCATION		FLAG
D	PXRET1	2	687
	ALLOCATION		FLAG
D	PXABSRSN	2	689
	ALLOCATION		FLAG
D	PXABSPD0	2	691
	ALLOCATION		FLAG
D	PXMJOT	2	693

ALLOCATION FLAG

D	PXMJNUM	2	695
	ALLOCATION FLAG		
D	PXHRUSL1	2	697
	ALLOCATION FLAG		
D	PXHRUSL2	2	699
	ALLOCATION FLAG		
D	PXHRFTPT	2	701
	ALLOCATION FLAG		
D	PXHRUSLT	2	703
	ALLOCATION FLAG		
D	PXHRWANT	2	705
	ALLOCATION FLAG		
D	PXHRRSN1	2	707
	ALLOCATION FLAG		
D	PXHRRSN2	2	709
	ALLOCATION FLAG		
D	PXHRACT1	2	711
	ALLOCATION FLAG		
D	PXHRACT2	2	713
	ALLOCATION FLAG		
D	PXHRACTT	2	715
	ALLOCATION FLAG		
D	PXHRRSN3	2	717
	ALLOCATION FLAG		
D	PXHRAVL	2	719
	ALLOCATION FLAG		
D	PXLAYAVL	2	721
	ALLOCATION FLAG		
D	PXLAYLK	2	723
	ALLOCATION FLAG		
D	PXLAYDUR	2	725
	ALLOCATION FLAG		
D	PXLAYFT0	2	727
	ALLOCATION FLAG		
D	PXLKM1	2	729
	ALLOCATION FLAG		
D	PXLKAVL	2	731
	ALLOCATION FLAG		
D	PXLKLL10	2	733
	ALLOCATION FLAG		
D	PXLKLL20	2	735
	ALLOCATION FLAG		
D	PXLKLW0	2	737
	ALLOCATION FLAG		
D	PXLKDUR	2	739
	ALLOCATION FLAG		
D	PXLKFT0	2	741
	ALLOCATION FLAG		
D	PXDWWNT0	2	743
	ALLOCATION FLAG		
D	PXDWRSN	2	745
	ALLOCATION FLAG		
D	PXDWLK0	2	747

ALLOCATION FLAG

D	PXDWWK	2	749
	ALLOCATION FLAG		
D	PXDW4WK	2	751
	ALLOCATION FLAG		
D	PXDWLKWK	2	753
	ALLOCATION FLAG		
D	PXDWAVL	2	755
	ALLOCATION FLAG		
D	PXDWAVR	2	757
	ALLOCATION FLAG		
D	PXJHWK0	2	759
	ALLOCATION FLAG		
D	PXJHRSN	2	761
	ALLOCATION FLAG		
D	PXJHWANT	2	763
	ALLOCATION FLAG		
D	PXI01COW	2	765
	ALLOCATION FLAG		
D	PXI01ICD	2	767
	ALLOCATION FLAG		
D	PXI010CD	2	769
	ALLOCATION FLAG		
D	PXI02COW	2	771
	ALLOCATION FLAG		
D	PXI02ICD	2	773
	ALLOCATION FLAG		
D	PXI020CD	2	775
	ALLOCATION FLAG		
D	PXERNUOT	2	777
	ALLOCATION FLAG		
D	PXERNPER	2	779
	ALLOCATION FLAG		
D	PXERNH10	2	781
	ALLOCATION FLAG		
D	PXERNHRO	2	783
	ALLOCATION FLAG		
D	PXERN	2	785
	ALLOCATION FLAG		
D	PXERNVR1	2	787
	ALLOCATION FLAG		
D	PXERNVR3	2	789
	ALLOCATION FLAG		
D	PXERNWKP	2	791
	ALLOCATION FLAG		
D	PXERNRT	2	793
	ALLOCATION FLAG		
D	PXERNHRY	2	795
	ALLOCATION FLAG		
D	PXERNH2	2	797
	ALLOCATION FLAG		
D	PXERNLAB	2	799
	ALLOCATION FLAG		
D	PXERNCOV	2	801

ALLOCATION FLAG

D	PXNLFJH	2	803
	ALLOCATION FLAG		
D	PXNLFRET	2	805
	ALLOCATION FLAG		
D	PXNLFACT	2	807
	ALLOCATION FLAG		
D	PXSCHENR	2	809
	ALLOCATION FLAG		
D	PXSCHFT	2	811
	ALLOCATION FLAG		
D	PXSCHLVL	2	813
	ALLOCATION FLAG		

[Attachment 8 - Current Population Survey May 1997 Work Schedules Supplement Record Layout](#)

DATA	SIZE	BEGIN
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D PESINTFG 1 815
Supplement interview flag

V	1	.Supplement interview
V	2	.Supplement noninterview
V	3	.Not in Supplement Universe

D PESMJ1A 4 816
LAST WEEK at what time of day did
(you/name) begin work on (your/his/her)
[main job/job][in (your/his/her)
business/in the family business] most
days?

V	-9	.N/A
V	-4	.It Varies
V	-3	.Refusal
V	-2	.Don't know
V	-1	.Out of universe
V	100-1299	.Hour

D PESMJ1B 2 820
LAST WEEK at what time of day did
(you/name) begin work on (your/his/her)
[main job/job][in (your/his/her)
business/in the family business] most
days?

V	A	.AM
V	NA	.Not in Universe
V	P	.PM

D PESMJ2A 4 822
LAST WEEK at what time of day did
(you/name) end work on (your/his/her)
[main job/job][in (your/his/her)
business/in the family business] most
days?

V	-9	.N/A
V	-4	.It Varies
V	-3	.Refusal
V	-2	.Don't know
V	-1	.Out of universe
V	100-1299	.Hour

D PESMJ2B 2 826
LAST WEEK at what time of day did
(you/name) end work on (your/his/her)
[main job/job][in (your/his/her)
business/in the family business] most
days?

V	A	.AM
V	NA	.Not in universe
V	P	.PM

D PESMJ3 2 828
(Do you/Does name) have flexible work

hours that allow (you/him/her) to vary
or make changes in the time (you/he/
she) begin and end work?

- V -9 .N/A
- V -3 .Refusal
- V -2 .Don't know
- V -1 .Out of universe
- V 1 .Yes
- V 2 .No

D PESMJ4 2 830
On (your/his/her) [main job/ job]
[in (your/his/her) business/in the
family business] (do/does) (you/name)
USUALLY work a regular daytime schedule
or some other schedule?

- V -9 .N/A
- V -3 .Refusal
- V -2 .Don't know
- V -1 .Out of universe
- V 1 .A regular daytime schedule
- V .(Anytime between 6am to 6pm)
- V 2 .Some other schedule

D PESMJ5 2 832
which of the following best describes
the hours (you/name) USUALLY
(work/works) at this [main job/job]
[in (your/his/her) business/in the
family business]?

- V -3 .Refusal
- V -2 .Don't know
- V -1 .Out of universe
- V 1 .A regular evening shift
- V .(Anytime between 2 pm to
- V .Midnight)
- V 2 .A regular night shift (Anytime
- V .around 9pm to 8am)
- V 3 .A rotating shift - one that
- V .changes periodically from days
- V .to evenings or night
- V 4 .A split shift - one consisting
- V .of two distinct periods each
- V .day
- V 5 .An irregular schedule arranged
- V .by employer
- V 6 .Other, specify [If person says
- V .flextime, etc., probe to
- V .determine if shift actually
- V .falls in a day, evening, night,
- V .rotating shift, or split shift
- V .category]

D PRSHFTWK 2 834
Shift work recode

- V -3 .Refusal
- V -2 .Don't know
- V -1 .Out of universe
- V 1 .A regular daytime schedule
- V 2 .A regular evening shift
- V 3 .A regular night shift
- V 4 .A rotating shift - one that
- V .changes periodically from days
- V .to evenings or night
- V 5 .A split shift - one consisting
- V .of two distinct periods each
- V .day
- V 6 .An irregular schedule arranged
- V .by employer
- V 7 .Other

D PESMJ6 2 836
What is the main reason why (you work/
name works) this type of shift?

- V - 9 .N/A
- V -3 .Refusal
- V -2 .Don't know
- V -1 .Out of universe
- V 1 .Better child care arrangements
- V 2 .Better pay
- V 3 .Better arrangements for care of

V .other family members
V 4 .Allows time for school
V 5 .Easier commute, less traffic
V 6 .Could not get any other job
V 7 .Mandated by employer to meet
V .transportation demand
V .management or pollution
V .abatement program
V .requirements...
V 8 .Nature of the job
V 9 .Other (specify)

D PESMJ7 2 838
Including work done at home, the
workplace, or any other location, how
many days of the week (do you/does name)
work [ON THIS JOB/FOR THIS BUSINESS]
[ONLY]?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1-7 .Number of day worked

D PESMJ7AA 2 840
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that apply.)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ7AB 2 842
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that
apply.)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ7AC 2 844
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that
apply.)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ7AD 2 846
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that
apply.)
V -9 .N/A
V -3 .Refusal

V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ7AE 2 848
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that
apply.)
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ7AF 2 850
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that
apply.)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ7AG 2 852
Which days of the week (do you/does
name) work [ON THIS JOB/FOR THIS
BUSINESS] [ONLY]? (Check all that
apply.)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday

D PESMJ8 2 854
As part of [THIS JOB/THE WORK IN THIS
BUSINESS] (do/does) (you/name) do any
of (your/his/her) work at home?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Yes
V 2 .No

D PESMJ9A 2 856
LAST WEEK of the [fill entry from
HRACT1] hours of work (you/name) did,
approximately how many did (you/he/she)
do at home [ON THIS JOB?/FOR THE
BUSINESS?] Regular Hours? ("regular"
hours worked at home for main job last
week)
V -9 .N/A
V -3 .Refusal

V -2 .Don't know
V -1 .Out of universe
V 0 .No regular hours worked at home
V 1-99 .Regular Hours

D PESMJ9B 2 858
LAST WEEK of the [fill entry from
HRACT1] hours of work (you/name) did,
approximately how many did (you/he/she)
do at home [ON THIS JOB?/FOR THE
BUSINESS?] Extra Hours? ("extra"
hours worked at home for main job
last week)
NOTE: The extra hours are ones not
reported in the basic CPS, i.e., not
included in HRACT1.

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 0 .No extra hours worked at home
V 1-99 .Extra Hours

D PESMJ10 2 860
(Do/Does) (you/he/she) have a formal
arrangement with (your/his/her) employer
to be paid for the work that (you/he/she)
(do/does) at home, or (were/was) (you/he/
she) just taking work home from the job?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Paid
V 2 .Taking work home

D PESMJ11 2 862
(Do/Does) (you/ name) run (your/his/her)
business from home or some other
location?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Home
V 2 .Some other location
V 3 .Both

D PESMJ12 2 864
Is the family business for which (you/
name) (work/works) run from (your/his/
her) home or some other location?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Home
V 2 .Some other location
V 3 .Both

D PESMJ13 2 866
The days (you/name) worked at home LAST
WEEK, were they whole days, part days
or both?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Whole days
V 2 .Part days
V 3 .Both

D PESMJ14 2 868
How many whole days did (you/name) work
at home?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1-7 .Number of whole days

D PESMJ15 2 870
How many part days did (you/name) work
at home?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1-7 .Number of part days

D PESMJ16 2 872
On how many of these days did (you/
name) also travel to (your/his/her)
place of business?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1-7 .Number of days travelled

D PESMJ17A 2 874
Which of the following list of
equipment (do/does) (you/name) use at
home to perform (your/his/her) work?
(Read list. Check all that apply)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Computer
V 2 .Modem
V 3 .Fax
V 4 .Telephone
V 5 .Connection to work site to
V .access voice mail
V 6 .Other

D PESMJ17B 2 876
Which of the following list of equipment
(do/does) (you/name) use at home to
perform (your/his/her) work? (Read list.
Check all that apply)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Computer
V 2 .Modem
V 3 .Fax
V 4 .Telephone
V 5 .Connection to work site to
V .access voice mail
V 6 .Other

D PESMJ17C 2 878
Which of the following list of equipment
(do/does) (you/name) use at home to
perform (your/his/her) work? (Read list
Check all that apply)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Computer
V 2 .Modem
V 3 .Fax
V 4 .Telephone
V 5 .Connection to work site to
V .access voice mail
V 6 .Other

D PESMJ17D 2 880
Which of the following list of
equipment (do/does) (you/name) use at
home to perform (your/his/her) work?
(Read list. Check all that apply)
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Computer
V 2 .Modem

V 3 .Fax
V 4 .Telephone
V 5 .Connection to work site to
V .access voice mail
V 6 .Other

D PESMJ17E 2 882
which of the following list of equipment
(do/does) (you/name) use at home to
perform (your/his/her) work? (Read list.
Check all that apply)

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Computer
V 2 .Modem
V 3 .Fax
V 4 .Telephone
V 5 .Connection to work site to
V .access voice mail
V 6 .Other

D PESMJ17F 2 884
which of the following list of equipment
(do/does) (you/name) use at home to
perform (your/his/her) work?
(Read list. Check all that apply)

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Computer
V 2 .Modem
V 3 .Fax
V 4 .Telephone
V 5 .Connection to work site to
V .access voice mail
V 6 .Other

D PESMJ18 2 886
(Do you/Does name) use this modem to
connect to (your/his/her) employers
work site?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Yes
V 2 .No

D PESMJ19 2 888
Is this telephone line furnished by
(your/name's) employer?

V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Yes
V 2 .No

D PESMJ20 2 890
what is the main reason why (you/name)
(work/works) at home?

V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Less commuting
V 2 .Reduce expenses for
V .transportation, food, and
V .clothing, etc.
V 3 .Coordinate work schedule with
V .personal and family needs
V 4 .More control over own life
V 5 .Illness, disability, health
V .reasons
V 6 .Mandated by employer to reduce
V .employer costs.
V 7 .Mandated by employer to meet
V .local transportation demand
V .management or pollution

V .abatement program requirements
V 8 .Other (specify)

D PESMJ21 2 892
LAST WEEK, how many of the [fill entry
from SMJ9] hours that (you/name) worked
at home on this job were worked as paid
hours at home?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 0-80 .Paid hours worked at home

D PESMJ22 2 894
LAST WEEK, in addition to the [fill
entry from SMJ21] paid hours, did
(you/he/she) work any additional UNPAID
hours on this job at home?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Yes
V 2 .No

* ITEMS FOR SECOND JOB *

D PESSJ1 2 896
As part of this job, (do/does) (you/
name) do any of (your/his/her) work
at home?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Yes
V 2 .No

D PESSJ2 2 898
LAST WEEK approximately how many hours
of (your/name s) work did (you/he/she)
do at home as part of this job?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 0-80 .Hours worked at home

D PESSJ3 2 900
Was the work (you/he/she) did at home
as part of this job for a home-based
business?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1 .Yes
V 2 .No

D PESSJ6 2 902
Including work done at home, the
workplace, or any other location, how
many days of the week [do you/does
name] work [ON THIS JOB/FOR THIS
BUSINESS] ONLY?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe
V 1-7 .Days worked

D PESSJ7 2 904
What is the main reason that [you/name]
worked at more than one job?
V -9 .N/A
V -3 .Refusal
V -2 .Don't know
V -1 .Out of universe

- V 1 .To meet regular household expenses
 - V 2 .To pay off debts
 - V 3 .To save for the future
 - V 4 .To get experience in a different occupation or to build a business.
 - V 5 .To help out a friend or relative.
 - V 6 .To get extra money to buy something special.
 - V 7 .Enjoys the work on the second job.
 - V 8 .Changed jobs during the week.
 - V 9 .Other (specify)
- D PWSUPWGT 10 906
Work Schedule Final Weight
- V 0-
V 999999999 .Weight (4 implied decimal places)

[Attachment 9 - Current Population Survey May 1997 Work Schedules Supplement Questionnaire](#) ☐

[Attachment 10 - Industry Classification Codes](#)

**Industry Classification Codes for Detailed Industry
(3 digit)**

There are 236 categories for the employed, with 1 additional category for the experienced unemployed. These categories are aggregated into [51 detailed groups](#) and [23 major groups](#).

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

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

Dot denotes subcategory.

Code	Industry
000-009	not used
010-030	AGRICULTURE
010	.Agricultural production, crops (01)
011	.Agricultural production, livestock (02)
012	.Veterinary services (074)
013-019	.not used
020	.Landscape and horticultural services (078)
021-029	.not used
030	.Agricultural services, n.e.c. (071, 072, 075, 076)
031-032	FORESTRY AND FISHERIES
031	.Forestry (08)
032	.Fishing, hunting, and trapping (09)

033-039	.not used
040-050	MINING
040	.Metal mining (10)
041	.Coal mining (12)
042	.Oil and gas extraction (13)
043-049	.not used
050	.Nonmetallic mining and quarrying, except fuel (14)
051-059	.not used
060	CONSTRUCTION (15, 16, 17)
061-099	.not used
100-392	MANUFACTURING
100-222	NONDURABLE GOODS
100-122	.Food and kindred products
100	.Meat products (201)
101	.Dairy products (202)
102	.Canned, frozen and preserved fruits and vegetables (203)
103-109	.not used
110	.Grain mill products (204)
111	.Bakery products (205)
112	.Sugar and confectionery products (206)
113-119	.not used
120	.Beverage industries (208)
121	.Miscellaneous food preparations and kindred products (207, 209)
122	.Not specified food industries
123-129	.not used
130	.Tobacco manufactures (21)
131	.not used
132-150	.Textile mill products
132	.Knitting mills (225)
133-139	.not used
140	.Dyeing and finishing textiles, except wool and knit goods (226)
141	.Carpets and rugs (227)
142	.Yarn, thread, and fabric mills (221-224, 228)
143-149	.not used
150	.Miscellaneous textile mill products (229)
151-152	.Apparel and other finished textile products
151	.Apparel and accessories, except knit (231-238)
152	.Miscellaneous fabricated textile products (239)
153-159	.not used
160-162	.Paper and allied products

160	.Pulp, paper, and paperboard mills (261-263)
161	.Miscellaneous paper and pulp products (267)
162	.Paperboard containers and boxes (265)
163-170	.not used
171-172	.Printing, publishing, and allied industries
171	.Newspaper publishing and printing (271)
172	.Printing, publishing, and allied industries, except newspapers (272-279)
173-179	.not used
180-192	.Chemicals and allied products
180	.Plastics, synthetics, and resins (282)
181	.Drugs (283)
182	.Soaps and cosmetics (284)
183-189	.not used
190	.Paints, varnishes, and related products (285)
191	.Agricultural chemicals (287)
192	.Industrial and miscellaneous chemicals (281,286, 289)
193-199	.not used
200-201	.Petroleum and coal products
200	.Petroleum refining (291)
201	.Miscellaneous petroleum and coal products (295, 299)
202-209	.not used
210-212	.Rubber and miscellaneous plastics products
	.
210	.Tires and inner tubes (301)
211	.Other rubber products, and plastics footwear and belting (302-306)
212	.Miscellaneous plastics products (308)
213-219	.not used
220-222	.Leather and leather products
220	.Leather tanning and finishing (311)
221	.Footwear, except rubber and plastic (313, 314)
222	.Leather products, except footwear (315-317, 319)
223-229	.not used
230-392	DURABLE GOODS
230-241	.Lumber and wood products, except furniture
230	.Logging (241)
231	.Sawmills, planing mills, and millwork (242, 243)
232	.Wood buildings and mobile homes (245)
233-240	.not used
241	.Miscellaneous wood products (244, 249)
242	.Furniture and fixtures (25)

243-249	.not used
250-262	.Stone, clay, glass, and concrete products
250	.Glass and glass products (321-323)
251	.Cement, concrete, gypsum, and plaster products (324, 327)
252	.Structural clay products (325)
253-260	.not used
261	.Pottery and related products (326)
262	.Miscellaneous nonmetallic mineral and stone products (328, 329)
263-269	.not used
270-301	.Metal industries
270	.Blast furnaces, steelworks, rolling and finishing mills (331)
271	.Iron and steel foundries (332)
272	.Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)
273-279	.not used
280	.Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
281	.Cutlery, handtools, and general hardware (342)
282	.Fabricated structural metal products (344)
283-289	.not used
290	.Screw machine products (345)
291	.Metal forgings and stampings (346)
292	.Ordnance (348)
293-299	.not used
300	.Miscellaneous fabricated metal products (341, 343, 347, 349)
301	.Not specified metal industries
302-309	.not used
310-332	.Machinery and computing equipment
310	.Engines and turbines (351)
311	.Farm machinery and equipment (352)
312	.Construction and material handling machines (353)
313-319	.not used
320	.Metalworking machinery (354)
321	.Office and accounting machines (3578, 3579)
322	.Computers and related equipment (3571-3577)
323-330	.not used
331	.Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	.Not specified machinery
333-339	.not used
340-350	.Electrical machinery, equipment, and supplies
340	.Household appliances (363)
341	.Radio, TV, and communication equipment (365, 366)

342	.Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
343-349	.not used
350	.Not specified electrical machinery, equipment, and supplies
351-370	.Transportation equipment
351	.Motor vehicles and motor vehicle equipment (371)
352	.Aircraft and parts (372)
353-359	.not used
360	.Ship and boat building and repairing (373)
361	.Railroad locomotives and equipment (374)
362	.Guided missiles, space vehicles, and parts (376)
363-369	.not used
370	.Cycles and miscellaneous transportation equipment (375, 379)
371-381	.Professional and photographic equipment, and watches
371	.Scientific and controlling instruments (381, 382 except 3827)
372	.Medical, dental, and optical instruments and supplies (3827, 384, 385)
373-379	.not used
380	.Photographic equipment and supplies (386)
381	.Watches, clocks, and clockwork operated devices (387)
382-389	.not used
390	.Toys, amusement, and sporting goods (394)
391	.Miscellaneous manufacturing industries (39 except 394)
392	.Not specified manufacturing industries
393-399	.not used
400-472	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	TRANSPORTATION
400	.Railroads (40)
401	.Bus service and urban transit (41, except 412)
402	.Taxicab service (412)
403-409	.not used
410	.Trucking service (421, 423)
411	.Warehousing and storage (422)
412	.U.S. Postal Service (43)
413-419	.not used
420	.Water transportation (44)
421	.Air transportation (45)
422	.Pipe lines, except natural gas (46)
423-431	.not used
432	.Services incidental to transportation (47)
433-439	.not used
440-442	COMMUNICATIONS

440	.Radio and television broadcasting and cable (483, 484)
441	.Telephone communications (481)
442	.Telegraph and miscellaneous communications services (482, 489)
443-449	.not used
450-472	UTILITIES AND SANITARY SERVICES
450	.Electric light and power (491)
451	.Gas and steam supply systems (492, 496)
452	.Electric and gas, and other combinations (493)
453-469	.not used
470	.Water supply and irrigation (494, 497)
471	.Sanitary services (495)
472	.Not specified utilities
473-499	.not used
500-571	WHOLESALE TRADE
500-532	.Durable Goods
500	.Motor vehicles and equipment (501)
501	.Furniture and home furnishings (502)
502	.Lumber and construction materials (503)
503-509	.not used
510	.Professional and commercial equipment and supplies (504)
511	.Metals and minerals, except petroleum (505)
512	.Electrical goods (506)
513-520	.not used
521	.Hardware, plumbing and heating supplies (507)
522-529	.not used
530	.Machinery, equipment, and supplies (508)
531	.Scrap and waste materials (5093)
532	.Miscellaneous wholesale, durable goods (509 except 5093)
533-539	.not used
540-571	.Nondurable Goods
540	.Paper and paper products (511)
541	.Drugs, chemicals and allied products (512, 516)
542	.Apparel, fabrics, and notions (513)
543-549	.not used
550	.Groceries and related products (514)
551	.Farm-product raw materials (515)
552	.Petroleum products (517)
553-559	.not used
560	.Alcoholic beverages (518)
561	.Farm supplies (5191)

562	.Miscellaneous wholesale, nondurable goods (5192-5199)
563-570	.not used
571	.Not specified wholesale trade
572-579	.not used
580-691	RETAIL TRADE
580	.Lumber and building material retailing (521, 523)
581	.Hardware stores (525)
582	.Retail nurseries and garden stores (526)
583-589	.not used
590	.Mobile home dealers (527)
591	.Department stores (531)
592	.Variety stores (533)
593-599	.not used
600	.Miscellaneous general merchandise stores (539)
601	.Grocery stores (541)
602	.Dairy products stores (545)
603-609	.not used
610	.Retail bakeries (546)
611	.Food stores, n.e.c. (542, 543, 544, 549)
612	.Motor vehicle dealers (551, 552)
613-619	.not used
620	.Auto and home supply stores (553)
621	.Gasoline service stations (554)
622	.Miscellaneous vehicle dealers (555, 556, 557, 559)
623	.Apparel and accessory stores, except shoe (56, except 566)
624-629	.not used
630	.Shoe stores (566)
631	.Furniture and home furnishings stores (571)
632	.Household appliance stores (572)
633	.Radio, TV, and computer stores (5731, 5734)
634-639	.not used
640	.Music stores (5735, 5736)
641	.Eating and drinking places (58)
642	.Drug stores (591)
643-649	.not used
650	.Liquor stores (592)
651	.Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	.Book and stationery stores (5942, 5943)
653-659	.not used
660	.Jewelry stores (5944)

661	.Gift, novelty, and souvenir shops (5947)
662	.Sewing, needlework and piece goods stores (5949)
663	.Catalog and mail order houses (5961)
664-669	.not used
670	.Vending machine operators (5962)
671	.Direct selling establishments (5963)
672	.Fuel dealers (598)
673-680	.not used
681	.Retail florists (5992)
682	.Miscellaneous retail stores (593, 5948, 5993-5995, 5999)
683-690	.not used
691	.Not specified retail trade
692-699	.not used
700-712	FINANCE, INSURANCE, AND REAL ESTATE
700	.Banking (60 except 603 and 606)
701	.Savings institutions, including credit unions (603, 606)
702	.Credit agencies, n.e.c. (61)
703-709	.not used
710	.Security, commodity brokerage, and investment companies (62, 67)
711	.Insurance (63, 64)
712	.Real estate, including real estate-insurance offices (65)
713-720	.not used
721-760	BUSINESS AND REPAIR SERVICES
721	.Advertising (731)
722	.Services to dwellings and other buildings (734)
723-730	.not used
731	.Personnel supply services (736)
732	.Computer and data processing services (737)
733-739	.not used
740	.Detective and protective services (7381, 7382)
741	.Business services, n.e.c. (732, 733, 735, 7383-7389)
742	.Automotive rental and leasing, without drivers (751)
743-749	.not used
750	.Automotive parking and carwashes (752, 7542)
751	.Automotive repair and related services (753, 7549)
752	.Electrical repair shops (762, 7694)
753-759	.not used
760	.Miscellaneous repair services (763, 764, 7692, 7699)
761-791	PERSONAL SERVICES
761	.PRIVATE HOUSEHOLDS (88)

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

850	.Colleges and universities (822)
851	.Vocational schools (824)
852	.Libraries (823)
853-859	.not used
860	.Educational services, n.e.c. (829)
861-871	SOCIAL SERVICES
861	.Job training and vocational rehabilitation services (833)
862	.Child day care services (part 835)
863	.Family child care homes (part 835)
864-869	.not used
870	.Residential care facilities, without nursing (836)
871	.Social services, n.e.c. (832, 839)
872-893	OTHER PROFESSIONAL SERVICES (Also includes code 840)
872	.Museums, art galleries, and zoos (84)
873	.Labor unions (863)
874-879	.not used
880	.Religious organizations (866)
881	.Membership organizations, n.e.c. (861, 862, 864, 865, 869)
882	.Engineering, architectural, and surveying services (871)
883-889	.not used
890	.Accounting, auditing, and bookkeeping services (872)
891	.Research, development, and testing services (873)
892	.Management and public relations services (874)
893	.Miscellaneous professional and related services (899)
894-899	.not used
900-932	PUBLIC ADMINISTRATION
900	.Executive and legislative offices (911-913)
901	.General government, n.e.c. (919)
902-909	.not used
910	.Justice, public order, and safety (92)
911-920	.not used
921	.Public finance, taxation, and monetary policy (93)
922	.Administration of human resources programs (94)
923-929	.not used
930	.Administration of environmental quality and housing programs (95)
931	.Administration of economic programs (96)
932	.National security and international affairs (97)
933-990	.not used
991	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces

Detailed Industry Recodes (01-51)

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

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

Banking and Other Finance	34	700-710
Insurance and Real Estate	35	711-712
Private Household Services	36	761
Business Services	37	721-750
Repair Services	38	751-760
Personal Services, Except Private Household	39	762-791
Entertainment and Recreation Services	40	800-810
Hospitals	41	831
Health Services, Except Hospitals	42	812-830
Not assigned		832-840
Educational Services	43	842-860
Social Services	44	861-871
Other Professional Services	45	841,872-893
Forestry and Fisheries	46	031,032
Justice, Public Order and Safety	47	910
Administration of Human Resource Programs	48	922
National Security and Internal Affairs	49	932
Other Public Administration	50	900,901,921,930,931
Armed Forces last job, currently unemployed	51	991

Major Industry Recodes (01-23)

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

Major Industry	Recode	Industry Code
Agriculture	01	010-030
Mining	02	040-050
Construction	03	060
Manufacturing		
.(Durable Goods)	04	230-392
.Nondurable Goods	05	100-222
Transportation, communications and other public utilities		
.Transportation	06	400-442
.Communications and public utilities		
..Communications	07	440-442
..Utilities and sanitary service	08	450-472
Wholesale Trade		
.Wholesale Trade	09	500-571
.Retail Trade	10	580-691
Finance, insurance, and real estate	11	700-712

Services		
.Private households	12	761
Miscellaneous services		
.Business and Repair Services	13	721-760
..Personal services, except pro. hhlds.	14	762-791
..Entertainment and recreation services	15	800-810
.Professional and related Services		
...Hospitals	16	831
...Medical services, except hospitals	17	812-830, 832-840
..Educational services	18	842-860
..Social services	19	861-871
..Other professional services	20	841, 872-893
.Forestry and fisheries	21	031-032
Public administration	22	900-932
Armed Forces	23	991

[Attachment 11 - Occupation Classification Codes](#)

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

There are 500 categories for the employed with 1 additional category for the experienced unemployed. These categories are aggregated into [46 detailed groups](#) and [14 major groups](#).

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

These codes correspond to Items PEIO1COCD AND PEIO2OCD located in the adults record layout. These codes are located in positions 439-441 and 449-451 in all months **except** March. In **March**, these codes correspond to Item A-OCC, positions 106-108.

Code	Occupation
000-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
000-037	.EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS
000-003	..not used
004	..Chief executives and general administrators, public administration (112)
005	..Administrators and officials, public administration (1132-1139)
006	..Administrators, protective services (1131)
007	..Financial managers (122)
008	..Personnel and labor relations managers (123)
009	..Purchasing managers (124)
010-	

012	..not used
013	..Managers, marketing, advertising, and public relations (125)
014	..Administrators, education and related fields (128)
015	..Managers, medicine and health (131)
016	..not used
017	..Managers, food serving and lodging establishments (1351)
018	..Managers, properties and real estate (1353)
019	..Funeral directors (part 1359)
020	..not used
021	..Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)
022	..Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)
023-037	..Management Related Occupations
023	...Accountants and auditors (1412)
024	...Underwriters (1414)
025	...Other financial officers (1415, 1419)
026	...Management analysts (142)
027	...Personnel, training, and labor relations specialists (143)
028	...Purchasing agents and buyers, farm products (1443)
029	...Buyers, wholesale and retail trade except farm products (1442)
030-032	...not used
033	...Purchasing agents and buyers, n.e.c. (1449)
034	...Business and promotion agents (145)
035	...Construction inspectors (1472)
036	...Inspectors and compliance officers, except construction (1473)
037	...Management related occupations, n.e.c. (149)
038-042	...not used
043-199	.PROFESSIONAL SPECIALTY OCCUPATIONS
043-063	.Engineers, Architects, and Surveyors
043	...Architects (161)
044-059	..Engineers
044	...Aerospace (1622)
045	...Metallurgical and materials (1623)
046	...Mining (1624)
047	...Petroleum (1625)
048	...Chemical (1626)

049	...Nuclear (1627)
050-052	...not used
053	...Civil (1628)
054	...Agricultural (1632)
055	...Electrical and electronic (1633, 1636)
056	...Industrial (1634)
057	...Mechanical (1635)
058	...Marine and naval architects (1637)
059	...Engineers, n.e.c. (1639)
060-062	...not used
063	...Surveyors and mapping scientists (164)
064-068	..Mathematical and Computer Scientists
064	...Computer systems analysts and scientists (171)
065	...Operations and systems researchers and analysts (172)
066	...Actuaries (1732)
067	...Statisticians (1733)
068	...Mathematical scientists, n.e.c. (1739)
069-083	..Natural Scientists
069	...Physicists and astronomers (1842, 1843)
070-072	...not used
073	...Chemists, except biochemists (1845)
074	...Atmospheric and space scientists (1846)
075	...Geologists and geodesists (1847)
076	...Physical scientists, n.e.c. (1849)
077	...Agricultural and food scientists (1853)
078	...Biological and life scientists (1854)
079	...Forestry and conservation scientists (1852)
080-082	...not used
083	...Medical scientists (1855)
084-089	..Health Diagnosing Occupations
084	...Physicians (261)
085	...Dentists (262)
086	...Veterinarians (27)
087	...Optometrists (281)
088	...Podiatrists (283)

089	...Health diagnosing practitioners, n.e.c. (289)
090-094	...not used
095-106	..Health Assessment and Treating Occupations
095	...Registered nurses (29)
096	...Pharmacists (301)
097	...Dietitians (302)
098-105	..Therapists
098	...Respiratory therapists (3031)
099	...Occupational therapists (3032)
100-102	...not used
103	...Physical therapists (3033)
104	...Speech therapists (3034)
105	...Therapists, n.e.c. (3039)
106	...Physicians' assistants (304)
107-112	...not used
113-154	..Teachers, Postsecondary
113	...Earth, environmental, and marine science teachers (2212)
114	...Biological science teachers (2213)
115	...Chemistry teachers (2214)
116	...Physics teachers (2215)
117	...Natural science teachers, n.e.c. (2216)
118	...Psychology teachers (2217)
119	...Economics teachers (2218)
120-122	...not used
123	...History teachers (2222)
124	...Political science teachers (2223)
125	...Sociology teachers (2224)
126	...Social science teachers, n.e.c. (2225)
127	...Engineering teachers (2226)
128	...Mathematical science teachers (2227)
129	...Computer science teachers (2228)
130-132	...not used
133	...Medical science teachers (2231)
134	...Health specialties teachers (2232)

135	...Business, commerce, and marketing teachers (2233)
136	...Agriculture and forestry teachers (2234)
137	...Art, drama, and music teachers (2235)
138	...Physical education teachers (2236)
139	...Education teachers (2237)
140-142	...not used
143	...English teachers (2238)
144	...Foreign language teachers (2242)
145	...Law teachers (2243)
146	...Social work teachers (2244)
147	...Theology teachers (2245)
148	...Trade and industrial teachers (2246)
149	...Home economics teachers (2247)
150-152	...not used
153	...Teachers, postsecondary, n.e.c. (2249)
154	...Postsecondary teachers, subject not specified
155-159	..Teachers, Except Postsecondary
155	...Teachers, prekindergarten and kindergarten (231)
156	...Teachers, elementary school (232)
157	...Teachers, secondary school (233)
158	...Teachers, special education (235)
159	...Teachers, n.e.c. (236, 239)
160-162	...not used
163	...Counselors, Educational and Vocational (24)
164-165	..Librarians, Archivists, and Curators
164	...Librarians (251)
165	...Archivists and curators (252)
166-173	..Social Scientists and Urban Planners
166	...Economists (1912)
167	...Psychologists (1915)
168	...Sociologists (1916)
169	...Social scientists, n.e.c. (1913, 1914, 1919)
170-172	...not used
173	...Urban planners (192)
174-	..Social, Recreation, and Religious Workers

177	
174	...Social workers (2032)
175	...Recreation workers (2033)
176	...Clergy (2042)
177	...Religious workers, n.e.c. (2049)
178	..Lawyers and Judges (211-212)
178-182	...not used
183-199	..Writers, Artists, Entertainers, and Athletes
183	...Authors (321)
184	...Technical writers (398)
185	...Designers (322)
186	...Musicians and composers (323)
187	...Actors and directors (324)
188	...Painters, sculptors, craft-artists, and artist printmakers (325)
189	...Photographers (326)
190-192	...not used
193	...Dancers (327)
194	...Artists, performers, and related workers, n.e.c. (328, 329)
195	...Editors and reporters (331)
196	...not used
197	...Public relations specialists (332)
198	...Announcers (333)
199	...Athletes (34)
200-202	...not used
203-389	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-235	.TECHNICIANS AND RELATED SUPPORT OCCUPATIONS
203-208	..Health Technologists and Technicians
203	...Clinical laboratory technologists and technicians (362)
204	...Dental hygienists (363)
205	...Health record technologists and technicians (364)
206	...Radiologic technicians (365)
207	...Licensed practical nurses (366)
208	...Health technologists and technicians, n.e.c. (369)
209-212	...not used

213-235	..Technologists and Technicians, Except Health
213-218	..Engineering and Related Technologists and Technicians
213	...Electrical and electronic technicians (3711)
214	...Industrial engineering technicians (3712)
215	...Mechanical engineering technicians (3713)
216	...Engineering technicians, n.e.c. (3719)
217	...Drafting occupations (372)
218	...Surveying and mapping technicians (373)
219-222	...not used
223-225	..Science Technicians
223	...Biological technicians (382)
224	...Chemical technicians (3831)
225	...Science technicians, n.e.c. (3832, 3833, 384, 389)
226-235	..Technicians, Except Health, Engineering, and Science
226	...Airplane pilots and navigators (825)
227	...Air traffic controllers (392)
228	...Broadcast equipment operators (393)
229	...Computer programmers (3971, 3972)
230-232	...not used
233	...Tool programmers, numerical control (3974)
234	...Legal assistants (396)
235	...Technicians, n.e.c. (399)
236-242	...not used
243-285	.SALES OCCUPATIONS
243	...Supervisors and Proprietors, Sales Occupations (40)
244-252	...not used
253-257	..Sales Representatives, Finance and Business Services
253	...Insurance sales occupations (4122)
254	...Real estate sales occupations (4123)
255>	...Securities and financial services sales occupations (4124)
256	...Advertising and related sales occupations (4153)
257	...Sales occupations, other business services (4152)
258-	

259	..Sales Representatives, Commodities, Except Retail
258	...Sales engineers (421)
259	...Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	...not used
263-278	..Sales Workers, Retail and Personal Services
263	...Sales workers, motor vehicles and boats (4342, 4344)
264	...Sales workers, apparel (4346)
265	...Sales workers, shoes (4351)
266	...Sales workers, furniture and home furnishings (4348)
267	...Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)
268	...Sales workers, hardware and building supplies (4353)
269	...Sales workers, parts (4367)
270-273	...not used
274	...Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275	...Sales counter clerks (4363)
276	...Cashiers (4364)
277	...Street and door-to-door sales workers (4366)
278	...News vendors (4365)
279-282	...not used
283-285	..Sales Related Occupations
283	...Demonstrators, promoters and models, sales (445)
284	...Auctioneers (447)
285	...Sales support occupations, n.e.c. (444, 446, 449)
286-302	...not used
303-389	..ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL
303-307	..Supervisors, Administrative Support Occupations
303	...Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	...Supervisors, computer equipment operators (4512)
305	...Supervisors, financial records processing (4521)
306	...Chief communications operators (4523)
307	...Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)
308-309	..Computer Equipment Operators
308	...Computer operators (4612)

309	...Peripheral equipment operators (4613)
310-312	...not used
313-315	..Secretaries, Stenographers, and Typists
313	...Secretaries (4622)
314	...Stenographers (4623)
315	...Typists (4624)
316-323	..Information Clerks
316	...Interviewers (4642)
317	...Hotel clerks (4643)
318	...Transportation ticket and reservation agents (4644)
319	...Receptionists (4645)
320-322	...not used
323	...Information clerks, n.e.c. (4649)
324	...not used
325-336	..Records Processing Occupations, Except Financial
325	...Classified-ad clerks (4662)
326	...Correspondence clerks (4663)
327	...Order clerks (4664)
328	...Personnel clerks, except payroll and timekeeping (4692)
329	...Library clerks (4694)
330-334	...not used
335	...File clerks (4696)
336	...Records clerks (4699)
337-344	..Financial Records Processing Occupations
337	...Bookkeepers, accounting, and auditing clerks (4712)
338	...Payroll and timekeeping clerks (4713)
339	...Billing clerks (4715)
340-342	...not used
343	...Cost and rate clerks (4716)
344	...Billing, posting, and calculating machine operators (4718)
345-347	..Duplicating, Mail and Other Office Machine Operators
345	...Duplicating machine operators (4722)
346	...Mail preparing and paper handling machine operators (4723)
347	...Office machine operators, n.e.c. (4729)

348-353	..Communications Equipment Operators
348	...Telephone operators (4732)
350-352	...not used
353	...Communications equipment operators, n.e.c. (4733, 4739)
354-357	..Mail and Message Distributing Occupations
354	...Postal clerks, except mail carriers (4742)
355	...Mail carriers, postal service (4743)
356	...Mail clerks, except postal service (4744)
357	...Messengers (4745)
358	...not used
359-374	..Material Recording, Scheduling, and Distributing Clerks
359	...Dispatchers (4751)
360-362	...not used
363	...Production coordinators (4752)
364	...Traffic, shipping, and receiving clerks (4753)
365	...Stock and inventory clerks (4754)
366	...Meter readers (4755)
367	...not used
368	...Weighers, measurers, checkers, and samplers (4756, 4757)
369-372	...not used
373	...Expeditors (4758)
374	...Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	..Adjusters and Investigators
375	...Insurance adjusters, examiners, and investigators (4782)
376	...Investigators and adjusters, except insurance (4783)
377	...Eligibility clerks, social welfare (4784)
378	...Bill and account collectors (4786)
379-389	..Miscellaneous Administrative Support Occupations
379	...General office clerks (463)
380-382	...not used
383	...Bank tellers (4791)
384	...Proofreaders (4792)
385	...Data-entry keyers (4793)

386	...Statistical clerks (4794)
387	...Teachers' aides (4795)
388	...not used
389	...Administrative support occupations, n.e.c. (4787, 4799)
390-402	...not used
403-469	.SERVICE OCCUPATIONS
403-407	..PRIVATE HOUSEHOLD OCCUPATIONS
403	...Launderers and ironers (503)
404	...Cooks, private household (504)
405	...Housekeepers and butlers (505)
406	...Child care workers, private household (506)
407	...Private household cleaners and servants (502, 507, 509)
408-412	...not used
413-427	.PROTECTIVE SERVICE OCCUPATIONS
413-415	..Supervisors, Protective Service Occupations
413	...Supervisors, firefighting and fire prevention occupations (5111)
414	...Supervisors, police and detectives (5112)
415	...Supervisors, guards (5113)
416-417	..Firefighting and Fire Prevention Occupations
416	...Fire inspection and fire prevention occupations (5122)
417	...Firefighting occupations (5123)
418-424	..Police and Detectives
418	...Police and detectives, public service (5132)
419-422	...not used
423	...Sheriffs, bailiffs, and other law enforcement officers (5134)
424	...Correctional institution officers (5133)
425-432	..Guards
425	...Crossing guards (5142)
426	...Guards and police, except public service (5144)
427	...Protective service occupations, n.e.c. (5149)
428-432	...not used
433-	.SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD

469	
433-444	..Food Preparation and Service Occupations
433	...Supervisors, food preparation and service occupations (5211)
434	...Bartenders (5212)
435	...Waiters and waitresses (5213)
436	...Cooks (5214, 5215)
437	...not used
438	...Food counter, fountain and related occupations (5216)
439	...Kitchen workers, food preparation (5217)
440-442	...not used
443	...Waiters'/waitresses' assistants (5218)
444	...Miscellaneous food preparation occupations (5219)
445-447	..Health Service Occupations
445	...Dental assistants (5232)
446	...Health aides, except nursing (5233)
447	...Nursing aides, orderlies, and attendants (5236)
448-455	..Cleaning and Building Service Occupations, Except Household
448	...Supervisors, cleaning and building service workers (5241)
449	...Maids and housemen (5242, 5249)
450-452	...not used
453	...Janitors and cleaners (5244)
454	...Elevator operators (5245)
455	...Pest control occupations (5246)
456-469	..Personal Service Occupations
456	...Supervisors, personal service occupations (5251)
457	...Barbers (5252)
458	...Hairdressers and cosmetologists (5253)
459	...Attendants, amusement and recreation facilities (5254)
460	...not used
461	...Guides (5255)
462	...Ushers (5256)
463	...Public transportation attendants (5257)
464	...Baggage porters and bellhops (5262)
465	...Welfare service aides (5263)
466	...Family child care providers (part 5264)
467	...Early childhood teacher's assistants (part 5264)

468	...Child care workers, n.e.c. (part 5264)
469	...Personal service occupations, n.e.c. (5258, 5269)
470-472	...not used
473-499	.FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-476	..Farm Operators and Managers
473	...Farmers, except horticultural (5512-5514)
474	...Horticultural specialty farmers (5515)
475	...Managers, farms, except horticultural (5522-5524)
476	...Managers, horticultural specialty farms (5525)
477-489	..Other Agricultural and Related Occupations
477-484	..Farm Occupations, Except Managerial
477	...Supervisors, farm workers (5611)
478	...not used
479	...Farm workers (5612-5617)
480-482	...not used
483	...Marine life cultivation workers (5618)
484	...Nursery workers (5619)
485-489	..Related Agricultural Occupations
485	...Supervisors, related agricultural occupations (5621)
486	...Groundskeepers and gardeners, except farm (5622)
487	...Animal caretakers, except farm (5624)
488	...Graders and sorters, agricultural products (5625)
489	...Inspectors, agricultural products (5627)
490-493	...not used
494-496	..Forestry and Logging Occupations
494	...Supervisors, forestry and logging workers (571)
495	...Forestry workers, except logging (572)
496	...Timber cutting and logging occupations (573, 579)
497-499	..Fishers, Hunters, and Trappers
497	...Captains and other officers, fishing vessels (part 8241)
498	...Fishers (583)
499	...Hunters and trappers (584)
500-	...not used

502	
503-699	.PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-552	..Mechanics and Repairers
503	...Supervisors, mechanics and repairers (60)
504	...not used
505-549	..Mechanics and Repairers, Except Supervisors
505-517	.. Vehicle and Mobile Equipment Mechanics and Repairers
505	...Automobile mechanics (part 6111)
506	...Automobile mechanic apprentices (part 6111)
507	...Bus, truck, and stationary engine mechanics (6112)
508	...Aircraft engine mechanics (6113)
509	...Small engine repairers (6114)
510-513	...not used
514	...Automobile body and related repairers (6115)
515	...Aircraft mechanics, except engine (6116)
516	...Heavy equipment mechanics (6117)
517	...Farm equipment mechanics (6118)
518	...Industrial machinery repairers (613)
519	...Machinery maintenance occupations (614)
520-522	...not used
523-533	..Electrical and Electronic Equipment Repairers
523	...Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
524	...not used
525	...Data processing equipment repairers (6154)
526	...Household appliance and power tool repairers (6156)
527	...Telephone line installers and repairers (6157)
528	...not used
529	...Telephone installers and repairers (6158)
530-532	...not used
533	...Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534	...Heating, air conditioning, and refrigeration mechanics (616)
535-549	..Miscellaneous Mechanics and Repairers
535	...Camera, watch, and musical instrument repairers (6171, 6172)
536	...Locksmiths and safe repairers (6173)

537	...not used
538	...Office machine repairers (6174)
539	...Mechanical controls and valve repairers (6175)
540-542	...not used
543	...Elevator installers and repairers (6176)
544	...Millwrights (6178)
545-546	...not used
547	...Specified mechanics and repairers, n.e.c. (6177, 6179)
548	...not used
549	...Not specified mechanics and repairers
550-552	...not used
553-599	..Construction Trades
553-558	..Supervisors, Construction Occupations
553	...Supervisors, brickmasons, stonemasons, and tile setters (6312)
554	...Supervisors, carpenters and related workers (6313)
555	...Supervisors, electricians and power transmission installers (6314)
556	...Supervisors, painters, paperhangers, and plasterers (6315)
557	...Supervisors, plumbers, pipefitters, and steamfitters (6316)
558	...Supervisors, construction, n.e.c. (6311, 6318)
559-562	...not used
563-599	..Construction Trades, Except Supervisors
563	...Brickmasons and stonemasons (part 6412, part 6413)
564	...Brickmason and stonemason apprentices (part 6412, part 6413)
565	...Tile setters, hard and soft (part 6414, part 6462)
566	...Carpet installers (part 6462)
567	...Carpenters (part 6422)
568	...not used
569	...Carpenter apprentices (part 6422)
570-572	...not used
573	...Drywall installers (6424)
574	...not used
575	...Electricians (part 6432)
576	...Electrician apprentices (part 6432)
577	...Electrical power installers and repairers (6433)

578	...not used
579	...Painters, construction and maintenance (6442)
582	...not used
583	...Paperhangers (6443)
584	...Plasterers (6444)
585	...Plumbers, pipefitters, and steamfitters (part 645)
586	...not used
587	...Plumber, pipefitter, and steamfitter apprentices (part 645)
588	...Concrete and terrazzo finishers (6463)
589	...Glaziers (6464)
590-592	...not used
593	...Insulation workers (6465)
594	...Paving, surfacing, and tamping equipment operators (6466)
595	...Roofers (6468)
596	...Sheetmetal duct installers (6472)
597	...Structural metal workers (6473)
598	...Drillers, earth (6474)
599	...Construction trades, n.e.c. (6467, 6475, 6476, 6479)
600-612	...not used
613-617	..Extractive Occupations
613	...Supervisors, extractive occupations (632)
614	...Drillers, oil well (652)
615	...Explosives workers (653)
616	...Mining machine operators (654)
617	...Mining occupations, n.e.c. (656)
618-627	...not used
628-699	..Precision Production Occupations
628	...Supervisors, production occupations (67, 71)
629-633	...not used
634-655	...Precision Metal Working Occupations
634	...Tool and die makers (part 6811)
635	...Tool and die maker apprentices (part 6811)
636	...Precision assemblers, metal (6812)
637	...Machinists (part 6813)
638	...not used

639	...Machinist apprentices (part 6813)
640-642	...not used
643	...Boilermakers (6814)
644	...Precision grinders, filers, and tool sharpeners (6816)
645	...Patternmakers and model makers, metal (6817)
646	...Lay-out workers (6821)
647	...Precious stones and metals workers (Jewelers) (6822, 6866)
648	...not used
649	...Engravers, metal (6823)
650-652	...not used
653	...Sheet metal workers (part 6824)
654	...Sheet metal worker apprentices (part 6824)
655	...Miscellaneous precision metal workers (6829)
656-659	..Precision Woodworking Occupations
656	...Patternmakers and model makers, wood (6831)
657	...Cabinet makers and bench carpenters (6832)
658	...Furniture and wood finishers (6835)
659	...Miscellaneous precision woodworkers (6839)
660-665	...not used
666-674	..Precision Textile, Apparel, and Furnishings Machine Workers
666	...Dressmakers (part 6852, part 7752)
667	...Tailors (part 6852)
668	...Upholsterers (6853)
669	...Shoe repairers (6854)
670-673	...not used
674	...Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752)
675-684	..Precision Workers, Assorted Materials
675	...Hand molders and shapers, except jewelers (6861)
676	...Patternmakers, lay-out workers, and cutters (6862)
677	...Optical goods workers (6864, part 7477, part 7677)
678	...Dental laboratory and medical appliance technicians (6865)
679	...Bookbinders (6844)
680-682	...not used
683	...Electrical and electronic equipment assemblers (6867)

684	...Miscellaneous precision workers, n.e.c. (6869)
685	...not used
686-688	..Precision Food Production Occupations
686	...Butchers and meat cutters (6871)
687	...Bakers (6872)
688	...Food batchmakers (6873, 6879)
689-693	..Precision Inspectors, Testers, and Related Workers
689	...Inspectors, testers, and graders (6881, 828)
690-692	...not used
693	...Adjusters and calibrators (6882)
694-699	..Plant and System Operators
694	...Water and sewage treatment plant operators (691)
695	...Power plant operators (part 693)
696	...Stationary engineers (part 693, 7668)
697-698	...not used
699	...Miscellaneous plant and system operators (692, 694, 695, 696)
700-702	...not used
703-889	OPERATORS, FABRICATORS, AND LABORERS
703-799	..MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS
703-779	..Machine Operators and Tenders, Except Precision
703-715	..Metal Working and Plastic Working Machine Operators
703	...Lathe and turning machine set-up operators (7312)
704	...Lathe and turning machine operators (7512)
705	...Milling and planing machine operators (7313, 7513)
706	...Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	...Rolling machine operators (7316, 7516)
708	...Drilling and boring machine operators (7318, 7518)
709	...Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
710-712	...not used
713	...Forging machine operators (7319, 7519)
714	...Numerical control machine operators (7326)
715	...Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)

716	...not used
717	...Fabricating machine operators, n.e.c. (7339, 7539)
718	...not used
719-725	..Metal and Plastic Processing Machine Operators
719	...Molding and casting machine operators (7315, 7342, 7515, 7542)
720-722	...not used
723	...Metal plating machine operators (7343, 7543)
724	...Heat treating equipment operators (7344, 7544)
725	...Miscellaneous metal and plastic processing machine operators (7349, 7549)
726-733	..Woodworking Machine Operators
726	...Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	...Sawing machine operators (7433, 7633)
728	...Shaping and joining machine operators (7435, 7635)
729	...Nailing and tacking machine operators (7636)
730-732	...not used
733	...Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
734-737	..Printing Machine Operators
734	...Printing press operators (7443, 7643)
735	...Photoengravers and lithographers (6842, 7444, 7644)
736	...Typesetters and compositors (6841, 7642)
737	...Miscellaneous printing machine operators (6849, 7449, 7649)
738-749	..Textile, Apparel, and Furnishings Machine Operators
738	...Winding and twisting machine operators (7451, 7651)
739	...Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	...not used
743	...Textile cutting machine operators (7654)
744	...Textile sewing machine operators (7655)
745	...Shoe machine operators (7656)
746	...not used
747	...Pressing machine operators (7657)
748	...Laundering and dry cleaning machine operators (6855, 7658)
749	...Miscellaneous textile machine operators (7459, 7659)
750-752	...not used
753-779	..Machine Operators, Assorted Materials

753	...Cementing and gluing machine operators (7661)
754	...Packaging and filling machine operators (7462, 7662)
755	...Extruding and forming machine operators (7463, 7663)
756	...Mixing and blending machine operators (7664)
757	...Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758	...Compressing and compacting machine operators (7467, 7667)
759	...Painting and paint spraying machine operators (7669)
760- 762	...not used
763	...Roasting and baking machine operators, food (7472, 7672)
764	...Washing, cleaning, and pickling machine operators (7673)
765	...Folding machine operators (7474, 7674)
766	...Furnace, kiln, and oven operators, except food (7675)
767	...not used
768	...Crushing and grinding machine operators (part 7477, part 7677)
769	...Slicing and cutting machine operators (7478, 7678)
770- 772	...not used
773	...Motion picture projectionists (part 7479)
774	...Photographic process machine operators (6863, 6868, 7671)
775- 776	...not used
777	...Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)
778	...not used
779	...Machine operators, not specified
780- 782	...not used
783- 795	..Fabricators, Assemblers, and Hand Working Occupations
783	...Welders and cutters (7332, 7532, 7714)
784	...Solderers and brazers (7333, 7533, 7717)
785	...Assemblers (772, 774)
786	...Hand cutting and trimming occupations (7753)
787	...Hand molding, casting, and forming occupations (7754, 7755)
788	...not used
789	...Hand painting, coating, and decorating occupations (7756)
790- 792	...not used
793	...Hand engraving and printing occupations (7757)
794	...not used
795	...Miscellaneous hand working occupations (7758, 7759)
796-	

799	..Production Inspectors, Testers, Samplers, and Weighers
796	...Production inspectors, checkers, and examiners (782, 787)
797	...Production testers (783)
798	...Production samplers and weighers (784)
799	...Graders and sorters, except agricultural (785)
800-802	...not used
803-859	.TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS
803-814	..Motor Vehicle Operators
803	...Supervisors, motor vehicle operators (8111)
804	...Truck drivers (8212-8214)
805	...not used
806	...Driver-sales workers (8218)
807	...not used
808	...Bus drivers (8215)
809	...Taxicab drivers and chauffeurs (8216)
810-812	...not used
813	...Parking lot attendants (874)
814	...Motor transportation occupations, n.e.c. (8219)
815-822	...not used
823-834	..Transportation Occupations, Except Motor Vehicles
823-826	..Rail Transportation Occupations
823	...Railroad conductors and yardmasters (8113)
824	...Locomotive operating occupations (8232)
825	...Railroad brake, signal, and switch operators (8233)
826	...Rail vehicle operators, n.e.c. (8239)
827	...not used
828-834	..Water Transportation Occupations
828	...Ship captains and mates, except fishing boats (part 8241, 8242)
829	...Sailors and deckhands (8243)
830-832	...not used
833	...Marine engineers (8244)
834	...Bridge, lock, and lighthouse tenders (8245)
835-	...not used

842	
843-859	..Material Moving Equipment Operators
843	...Supervisors, material moving equipment operators (812)
844	...Operating engineers (8312)
845	...Longshore equipment operators (8313)
846-847	...not used
848	...Hoist and winch operators (8314)
849	...Crane and tower operators (8315)
850-852	...not used
853	...Excavating and loading machine operators (8316)
854	...not used
855	...Grader, dozer, and scraper operators (8317)
856	...Industrial truck and tractor equipment operators (8318)
857-858	...not used
859	...Miscellaneous material moving equipment operators (8319)
860-863	...not used
864-889	.HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS
864	...Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
865	...Helpers, mechanics, and repairers (863)
866-868	..Helpers, Construction, and Extractive Occupations
866	...Helpers, construction trades (8641-8645, 8648)
867	...Helpers, surveyor (8646)
868	...Helpers, extractive occupations (865)
869	...Construction laborers (871)
870-873	...not used
874	...Production helpers (861, 862)
875-883	..Freight, Stock, and Material Handlers
875	...Garbage collectors (8722)
876	...Stevedores (8723)
877	...Stock handlers and baggers (8724)
878	...Machine feeders and offbearers (8725)
879-882	...not used
883	...Freight, stock, and material handlers, n.e.c. (8726)

884	...not used
885	...Garage and service station related occupations (873)
886	...not used
887	...Vehicle washers and equipment cleaners (875)
888	...Hand packers and packagers (8761)
889	...Laborers, except construction (8769)
890-904	...not used
905	..Assigned to persons whose current labor force status is unemployed and whose last job was Armed Forces.

Detailed Occupation Recodes
(01-46)

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

Detailed Occupation	Recode	Occupation Code
Administrators and Officials, Public Administration	01	004-006
Other Executive, Administrators, and Managers	02	007-022
Management Related Occupations	03	023-037
Engineers	04	044-059
Mathematical and Computer Scientists	05	064-068
Natural Scientists	06	069-083
Health Diagnosing Occupations	07	084-089
Health Assessment and Treating Occupations	08	095-106
Teachers, College and University	09	113-154
Teachers, Except College and University	10	155-159
Lawyers and Judges	11	178-179
Other Professional Specialty Occupations	12	043, 063,
Not Used		163-177,
		183-199
Health Technologists and Technicians	13	203-208
Engineering and Science Technicians	14	213-225
Technicians, Except Health Engineering, and Science	15	226-235
Supervisors and Proprietors, Sales Occupations	16	243
Sales Representatives, Finance, and Business Service	17	253-257
Sales Representatives, Commodities, Except Retail	18	258-259
Sales Workers, Retail and Personal Services	19	263-278
Sales Related Occupations	20	283-285
Supervisors - Administrative Support	21	303-307
Computer Equipment Operators	22	308-309

Secretaries, Stenographers, and Typists	23	313-315
Financial Records, Processing Occupations	24	337-344
Mail and Message Distributing	25	354-357
Other Administrative Support Occupations, Including Clerical	26	316-336,
Not Used		345-353
Not Used		359-389
Private Household Service Occupations	27	403-407
Protective Service Occupations	28	413-427
Food Service Occupations	29	433-444
Health Service Occupations	30	445-447
Cleaning and Building Service Occupations	31	448-455
Personal Service Occupations	32	456-469
Mechanics and Repairers	33	503-549
Construction Trades	34	503-549
Other Precision Production Occupations	35	613-699
Machine Operators and Tenders, Except Precision	36	703-779
Fabricators, Assemblers, Inspectors, and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations and Meterial Moving	39	823-859
Construction Laborer	40	869
Freight, Stock and Material Handlers	41	875-883
Other Handlers, Equipment Cleaners, and Laborers	42	864-868
Not Used		874, 885-889
Farm Operators and Managers	43	473-476
Farm Workers and Related Occupations	44	477-489
Forestry and Fishing Occupations	45	494-499
Armed Forces last job, currently unemployed	46	905

**Major Occupation Group Recodes
(01-14)**

These codes correspond to the Items PRMJ OCC1 and PRMJ OCC2 located in positions 486-489 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0159-0160.

Occupation Group	Recode	Occupation Code
.Managerial and professional specialty occupations		
Executive, administrative, and managerial occupations	01	004-037
.Professional specialty occupations	02	043-199
Technical, sales, and administrative support occupations		
.Technicians and related support occupations	03	203-235
.Sales occupations	04	243-285

.Administrative support occupations, including clerical	05	303-389
Service Occupations		
.Private household occupations	06	403-407
.Protective service occupations	07	413-427
.Service occupations, except protective and household	08	433-469
Precision production, craft, and repair occupations	09	503-699
Operators, fabricators, and laborers		
.Machine operators, assemblers, and inspectors	10	703-799
.Transportation and material moving equipment occupations	11	803-859
.Handlers, equipment cleaners, helpers, and laborers	12	864-889
Farming, forestry, and fishing occupations	13	473-499
Armed Forces last job, currently unemployed	14	905

Attachment 12 - Specific Metropolitan Identifiers

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

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

N/C = No Code Required

NOTE:

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

LIST 1: CMSA CODES (GECMSA)

FIPS CODE (GECMSA)	CMSA-TITLE
07	Boston-Worcester-Lawrence, MA-NH-ME-CT
14	Chicago-Gary-Kenosha, IL-IN-WI (Kenosha, WI and Kankakee, IL PMSA's not in sample)

21	Cincinnati-Hamilton, OH-KY-IN
28	Cleveland-Akron, OH
31	Dallas-Fort Worth, TX
34	Denver-Boulder-Greeley, CO
35	Detroit-Ann Arbor-Flint, MI
42	Houston-Galveston-Brazoria, TX
49	Los Angeles-Riverside-Orange County, CA
56	Miami-Fort Lauderdale, FL
63	Milwaukee-Racine, WI
70	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA
77	Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD
79	Portland-Salem, OR-WA
82	Sacramento-Yolo, CA
84	San Francisco-Oakland-San Jose, CA (Santa Cruz-Watsonville, CA PMSA not in sample)
91	Seattle-Tacoma-Bremerton, WA (Bremerton, WA PMSA not in sample)
97	Washington-Baltimore, DC-MD-VA-WV

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

LIST 2: PMSA's WITHIN CMSA's

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
07		Boston-Worcester-Lawrence, MA-NH-ME-CT CMSA
	1120	Boston, MA-NH*
	1200	Brockton, MA
	2600	Fitchburg-Leominster, MA
	4160	Lawrence, MA-NH*
	4560	Lowell, MA-NH*
	4760	Manchester, NH
	5350	Nashua, NH
	5400	New Bedford, MA
	6450	Portsmouth-Rochester, NH-ME (Maine portion not identified)
	9240	Worcester, MA-CT (Connecticut portion suppressed)
14		Chicago-Gary-Kenosha, IL-IN-WI CMSA (The Kankakee, IL and Kenosha, WI PMSA's are not in sample)
	1600	Chicago, IL (DeKalb County not in sample)
	2960	Gary-Hammond, IN
21		Cincinnati-Hamilton, OH-KY-IN CMSA
	1640	Cincinnati, OH-KY-IN (Dearborn County, IN not identified; Ohio County, IN not in sample)
	3200	Hamilton-Middletown, OH
28		Cleveland-Akron, OH CMSA

	0080	Akron, OH
	1680	Cleveland-Lorain-Elyria, OH
31		Dallas-Fort Worth, TX CMSA
	1920	Dallas, TX
	2800	Fort Worth-Arlington, TX
34		Denver-Boulder-Greeley, CO CMSA
	1125	Boulder-Longmont, CO
	2080	Denver, CO
	3060	Greeley, CO
35		Detroit-Ann Arbor-Flint, MI CMSA
	0440	Ann Arbor, MI
	2160	Detroit, MI
	2640	Flint, MI
42		Houston-Galveston-Brazoria, TX CMSA
	1145	Brazoria, TX
	2920	Galveston-Texas City, TX
	3360	Houston, TX (Chambers County not in sample)
49		Los Angeles-Riverside-Orange County, CA CMSA
	4480	Los Angeles-Long Beach, CA
	5945	Orange County, CA
	6780	Riverside-San Bernardino, CA
	8735	Ventura, CA
56		Miami-Fort Lauderdale, FL CMSA
	2680	Fort Lauderdale, FL
	5000	Miami, FL
63		Milwaukee-Racine, WI CMSA
	5080	Milwaukee-Waukesha, WI
	6600	Racine, WI
70		New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA
	0875	Bergen-Passaic, NJ
	1160	Bridgeport, CT
	1930	Danbury, CT
	2281	Dutchess County, NY
	3640	Jersey City, NJ
	5015	Middlesex-Somerset-Hunterdon, NJ
	5190	Monmouth-Ocean, NJ
	5380	Nassau-Suffolk, NY
	5480	New Haven-Meriden, CT
	5600	New York, NY (White Plains Central City recoded as balance of PMSA)
	5640	Newark, NJ

	5660	Newburgh, NY-PA (Pennsylvania portion not identified)
	8040	Stamford-Norwalk, CT
	8480	Trenton, NJ
	8880	Waterbury, CT
77		Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA
	0560	Atlantic-Cape May, NJ
	6160	Philadelphia, PA-NJ
	8760	Vineland-Millville-Bridgeton, NJ
	9160	Wilmington-Newark, DE-MD (Maryland portion suppressed)
79		Portland-Salem, OR-WA CMSA
	6440	Portland-Vancouver, OR-WA
	7080	Salem, OR
82		Sacramento-Yolo, CA CMSA
	6920	Sacramento, CA
	9270	Yolo, CA
84		San Francisco-Oakland-San Jose, CA CMSA (Santa Cruz-Watsonville, CA PMSA not in sample)
	5775	Oakland, CA
	7360	San Francisco, CA
	7400	San Jose, CA
	7500	Santa Rosa, CA
	8720	Vallejo-Fairfield-Napa, CA
91		Seattle-Tacoma-Bremerton, WA CMSA (Bremerton, WA PMSA not in sample)
	5910	Olympia, WA
	7600	Seattle-Bellevue-Everett, WA
	8200	Tacoma, WA
97		Washington-Baltimore, DC-MD-VA-WV CMSA
	0720	Baltimore, MD
	3180	Hagerstown, MD
	8840	Washington, DC-MD-VA-WV (West Virginia portion not identified)

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

LIST 3: FIPS MSA/PMSA CODES (GEMSA)

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
0080	Akron, OH PMSA
0160	Albany-Schenectady-Troy, NY MSA (Schohaire County not in sample)
0200	Albuquerque, NM MSA
0240	Allentown-Bethlehem-Easton, PA MSA

0380	Anchorage, AK MSA
0440	Ann Arbor, MI PMSA
0450	Anniston, AL MSA
0460	Appleton-Oshkosh-Neenah, WI MSA
0480	Asheville, NC MSA (Madison County not in sample)
0520	Atlanta, GA MSA
0560	Atlantic-Cape May, NJ PMSA
0600	Augusta-Aiken, GA-SC MSA
0640	Austin-San Marcos, TX MSA
0680	Bakersfield, CA MSA
0720	Baltimore, MD PMSA
0760	Baton Rouge, LA MSA
0840	Beaumont-Port Arthur, TX MSA
0860	Bellingham, WA MSA
0870	Benton Harbor, MI MSA
0875	Bergen-Passaic, NJ PMSA
0960	Binghamton, NY MSA
1000	Birmingham, AL MSA
1080	Boise City, ID MSA
1120	Boston, MA-NH PMSA (New Hampshire portion not identified)
1125	Boulder-Longmont, CO PMSA
1145	Brazoria, TX PMSA
1160	Bridgeport, CT PMSA
1200	Brockton, MA PMSA
1240	Brownsville-Harlingen-San Benito, TX MSA
1280	Buffalo-Niagara Falls, NY MSA
1305	Burlington, VT MSA
1320	Canton-Massillon, OH MSA
1360	Cedar Rapids, IA MSA
1440	Charleston-North Charleston, SC MSA
1480	Charleston, WV MSA
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
1560	Chattanooga, TN-GA MSA
1600	Chicago, IL PMSA (DeKalb County not in sample)
1620	Chico-Paradise, CA MSA
1640	Cincinnati, OH-KY-IN PMSA (Dearborn County, IN not identified; Ohio County, IN not in sample)
1660	Clarksville-Hopkinsville, TN-KY MSA (Kentucky portion not in sample)
1680	Cleveland-Lorain-Elyria, OH PMSA
1720	Colorado Springs, CO MSA
1760	Columbia, SC MSA

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

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

4560	Lowell, MA-NH PMSA (New Hampshire portion not identified)
4600	Lubbock, TX MSA
4680	Macon, GA MSA (Twiggs County not in sample)
4720	Madison, WI MSA
4760	Manchester, NH PMSA
4880	McAllen-Edinburg-Mission, TX MSA
4890	Medford-Ashland, OR MSA
4900	Melbourne-Titusville-Palm Bay, FL MSA
4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
4940	Merced, CA MSA
5000	Miami, FL PMSA
5015	Middlesex-Somerset-Hunterdon, NJ PMSA
5080	Milwaukee-Waukesha, WI PMSA
5120	Minneapolis-St., Paul, MN-WI MSA (St. Croix County, WI not identified; Pierce County, WI not in sample)
5160	Mobile, AL MSA
5170	Modesto, CA MSA
5190	Monmouth-Ocean, NJ PMSA
5200	Monroe, LA MSA
5240	Montgomery, AL MSA
5330	Myrtle Beach, SC MSA
5345	Naples, FL MSA
5350	Nashua, NH PMSA
5360	Nashville, TN MSA
5380	Nassau-Suffolk, NY PMSA
5400	New Bedford, MA PMSA
5480	New Haven-Meriden, CT PMSA
5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
5560	New Orleans, LA MSA
5600	New York, NY PMSA (White Plains Central City recoded to balance of PMSA)
5640	Newark, NJ PMSA
5660	Newburgh, NY-PA PMSA (Pennsylvania portion not identified)
5720	Norfolk-Virginia Beach-Newport News, VA-NC MSA (Mathews County, VA not in sample; North Carolina portion not identified)
5775	Oakland, CA PMSA
5790	Ocala, FL MSA
5800	Odessa-Midland, TX MSA (Ector County not in sample)
5880	Oklahoma City, OK MSA
5910	Olympia, WA PMSA
5920	Omaha, NE-IA MSA (Iowa portion not identified)
5945	Orange County, CA PMSA

5960	Orlando, FL MSA
6015	Panama City, FL MSA
6080	Pensacola, FL MSA
6120	Peoria-Pekin, IL MSA
6160	Philadelphia, PA-NJ PMSA
6200	Phoenix-Mesa, AZ MSA
6280	Pittsburgh, PA MSA
6400	Portland, ME MSA
6440	Portland-Vancouver, OR-WA PMSA
6450	Portsmouth-Rochester, NH-ME PMSA (Maine portion not identified)
6480	Providence-Fall River-Warwick, RI-MA MSA (Newport County, RI portion suppressed)
6520	Provo-Orem, UT MSA
6560	Pueblo, CO MSA
6580	Punta Gorda, FL MSA
6600	Racine, WI PMSA
6640	Raleigh-Durham-Chapel Hill, NC MSA
6680	Reading, PA MSA
6720	Reno, NV MSA
6760	Richmond-Petersburg, VA MSA
6780	Riverside-San Bernardino, CA PMSA
6800	Roanoke, VA MSA
6840	Rochester, NY MSA
6880	Rockford, IL MSA
6920	Sacramento, CA PMSA
6960	Saginaw-Bay City-Midland, MI MSA
7040	St. Louis, MO-IL MSA (Crawford County, MO [part] not in sample)
7080	Salem, OR PMSA
7120	Salinas, CA MSA
7160	Salt Lake City-Ogden, UT MSA
7240	San Antonio, TX MSA
7320	San Diego, CA MSA
7360	San Francisco, CA PMSA
7400	San Jose, CA PMSA
7460	San Luis Obispo-Atascadero-Paso Robles, CA MSA
7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
7490	Santa Fe, NM MSA
7500	Santa Rosa, CA PMSA
7510	Sarasota-Bradenton, FL MSA
7560	Scranton-Wilkes Barre-Hazelton, PA MSA
7600	Seattle-Bellevue-Everett, WA PMSA

7680	Shreveport-Bossier City, LA MSA
7760	Sioux Falls, SD MSA (Central City portion only identified)
7800	South Bend, IN MSA
7840	Spokane, WA MSA
7880	Springfield, IL MSA
7920	Springfield, MO MSA (Webster County not in sample)
8000	Springfield, MA MSA
8040	Stamford-Norwalk, CT PMSA
8120	Stockton-Lodi, CA MSA
8160	Syracuse, NY MSA (Cayuga County not in sample)
8200	Tacoma, WA PMSA
8240	Tallahassee, FL MSA
8280	Tampa-St. Petersburg-Clearwater, FL MSA
8400	Toledo, OH MSA
8440	Topeka, KS MSA (Central City portion only identified)
8480	Trenton, NJ PMSA
8520	Tucson, AZ MSA
8560	Tulsa, OK MSA
8600	Tuscaloosa, AL MSA
8680	Utica-Rome, NY MSA
8720	Vallejo-Fairfield-Napa, CA PMSA
8735	Ventura, CA PMSA
8760	Vineland-Millville-Bridgeton, NJ PMSA
8780	Visalia-Tulare-Porterville, CA MSA
8800	Waco, TX MSA
8840	Washington, DC-MD-VA-WV PMSA (West Virginia portion not identified)
8880	Waterbury, CT PMSA
8920	Waterloo-Cedar Falls, IA MSA
8960	West Palm Beach-Boca Raton, FL MSA
9000	Wheeling, WV-OH MSA (Ohio portion not identified)
9040	Wichita, KS MSA
9160	Wilmington-Newark, DE-MD PMSA (Maryland portion suppressed)
9200	Wilmington, NC MSA (Brunswick County not in sample)
9240	Worcester, MA-CT PMSA (Connecticut portion suppressed)
9270	Yolo, CA PMSA
9280	York, PA MSA
9320	Youngstown-Warren, OH MSA
9360	Yuma, AZ MSA

Dot denotes subcategory.

LIST 4: CENTRAL CITY CODES (GEINDVCC)

GEMSA		GEINDVCC
0160	Albany-Schenectady-Troy, NY MSA	
	.Albany	1
	.Other	0
1120	Boston, MA-NH PMSA	
	.Boston	1
	.Others	0
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA	
	.Charlotte	1
	.Others	0
1600	Chicago, IL PMSA	
	.Chicago	1
	.Others	0
1680	Cleveland-Lorain-Elyria, OH PMSA	
	.Cleveland	1
	.Other	0
1920	Dallas, TX PMSA	
	.Dallas	1
	.Other	0
2000	Dayton-Springfield, OH MSA	
	.Dayton	1
	.Other	0
2160	Detroit, MI PMSA	
	.Detroit	1
	.Others	0
2800	Fort Worth-Arlington, TX PMSA	
	.Fort Worth	1
	.Arlington	2
3120	Greensboro-Winston-Salem-High Point, NC MSA	
	.Greensboro	1
	.Winston-Salem	2
	.Others	0
4400	Little Rock-North Little Rock, AR MSA	
	.Little Rock	1
	.Others	0
4480	Los Angeles-Long Beach, CA PMSA	
	.Los Angeles	1
	.Long Beach	2
	.Others	0

5120	Minneapolis-St. Paul, MN MSA	
	.Minneapolis	1
	.St Paul	2
5720	Norfolk-Virginia Beach-Newport News, VA-NC MSA	
	.Norfolk	1
	.Virginia Beach	2
	.Newport News	3
	.Hampton	4
	.Others	0
5775	Oakland, CA PMSA	
	.Oakland	1
	.Others	0
5880	Oklahoma City, OK MSA	
	.Oklahoma City	1
	.Others	
5945	Orange County, CA PMSA	
	.Santa Ana	1
	.Anaheim	2
	.Irvine	3
6200	Phoenix-Mesa, AZ MSA	
	.Phoenix	1
	.Mesa	2
	.Tempe	3
	.Scottsdale	4
6480	Providence-Fall River-Warwick, RI-MA MSA	
	.Providence	1
	.Others	0
6640	Raleigh-Durham-Chapel Hill, NC MSA	
	.Raleigh	1
	.Others	0
6780	Riverside-San Bernardino, CA PMSA	
	.Riverside	1
	.San Bernardino	2
	.Others	0
7320	San Diego, CA MSA	
	.San Diego	1
	.Others	0
7400	San Jose, CA PMSA	
	.San Jose	1
	.Sunnyvale	2

	.Others	0
7600	Seattle-Bellevue-Everett, WA PMSA	
	.Seattle	1
	.Others	0
8000	Springfield, MA MSA	
	.Springfield	1
	.Others	0
8280	Tampa-St. Petersburg-Clearwater, FL MSA	
	.Tampa	1
	.Others	0
8720	Vallejo-Fairfield-Napa, CA PMSA	
	.Vallejo	1
	.Others	0

Dot denotes subcategory.

LIST 5: COUNTY CODE LIST (GECO)

FIPS COUNTY CODE	STATE/COUNTY
	ALABAMA
015	.CALHOUN
073	.JEFFERSON
089	.MADISON
125	.TUSCALOOSA
	ALASKA
020	.ANCHORAGE
	ARIZONA
013	.MARICOPA
019	.PIMA
021	.PINAL
025	.YAVAPAI
027	.YUMA
	CALIFORNIA
001	.ALAMEDA
007	.BUTTE
013	.CONTRA COSTA
017	.EL DORADO
029	.KERN
037	.LOS ANGELES

041	.MARIN
047	.MERCED
053	.MONTERAY
059	.ORANGE
061	.PLACER
067	.SACRAMENTO
073	.SAN DIEGO
075	.SAN FRANCISCO
077	.SAN JOAQUIN
079	.SAN LUIS OBISPO
081	.SAN MATEO
083	.SANTA BARBARA
085	.SANTA CLARA
097	.SONOMA
099	.STANISLAUS
107	.TULARE
111	.VENTURA
113	.YOLO
	COLORADO
005	.ARAPAHOE
013	.BOULDER
031	.DENVER
041	.EL PASO
059	.JEFFERSON
069	.LARIMER
101	.PUEBLO
123	.WELD
	DELAWARE
001	.KENT
003	.NEW CASTLE
005	.SUSSEX
	DISTRICT OF COLUMBIA
	FLORIDA
001	.ALACHUA
005	.BAY
009	.BREVARD
011	.BROWARD
015	.CHARLOTTE
019	.CLAY
021	.COLLIER

025	.DADE
053	.HERNANDO
057	.HILLSBOROUGH
069	.LAKE
071	.LEE
081	.MANATEE
083	.MARION
091	.OKALOOSA
095	.ORANGE
097	.OSCEOLA
099	.PALM BEACH
101	.PASCO
103	.PINELLAS
105	.POLK
115	.SARASOTA
117	.SEMINOLE
	GEORGIA
063	.CLAYTON
067	.COBB
089	.DEKALB
121	.FULTON
135	.GWINNETT
	HAWAII
003	.HONOLULU
	ILLINOIS
099	.LASALLE
115	.MACON
	INDIANA
057	.HAMILTON
089	.LAKE
091	.LAPORTE
127	.PORTER
141	.ST. JOSEPH
	IOWA
013	.BLACK HAWK
113	.LINN
163	.SCOTT
	KANSAS
177	.SHAWNEE
	KENTUCKY

117	.KENTON
	LOUISIANA
019	.CALCASIEU
033	.EAST BATON ROUGE
051	.JEFFERSON
073	.OUACHITA
	MAINE
011	.KENNEBEC
	MARYLAND
005	.BALTIMORE
013	.CARROLL
021	.FREDERICK
025	.HARFORD
027	.HOWARD
031	.MONTGOMERY
033	.PRINCE GEORGE'S
043	WASHINGTON
	MICHIGAN
021	.BERRIEN
049	.GENESEE
075	.JACKSON
099	.MACOMB
115	.MONROE
161	.WASHTENAW
	MINNESOTA
003	.ANOKA
037	.DAKOTA
053	.HENNEPIN
123	.RAMSEY
137	.ST. LOUIS
163	.WASHINGTON
	MISSOURI
003	.CLAY
037	.JACKSON
099	.JEFFERSON
189	.ST. LOUIS
	NEBRASKA
109	.LANCASTER
	NEVADA
003	.CLARK

031	.WASHOE
	NEW JERSEY
003	.BERGEN
005	.BURLINGTON
007	.CAMDEN
011	.CUMBERLAND
013	.ESSEX
017	.HUDSON
019	.HUNTERDON
021	.MERCER
023	.MIDDLESEX
025	.MONMOUTH
027	.MORRIS
029	.OCEAN
031	.PASSAIC
035	.SOMERSET
039	.UNION
	NEW MEXICO
013	.DONA ANA
	NEW YORK
005	.BRONX
013	.CHAUTAUQUA
027	.DUTCHESS
047	.KINGS
055	.MONROE
059	.NASSAU
061	.NEW YORK
071	.ORANGE
075	.OSWEGO
081	.QUEENS
085	.RICHMOND
089	.ST. LAWRENCE
103	.SUFFOLK
111	.ULSTER
119	.WESTCHESTER
	NORTH CAROLINA
051	.CUMBERLAND
067	.FORSYTHE
119	.MECKLENBURG
129	.NEW HANOVER

147	.PITT
155	.ROBESON
183	.WAKE
	NORTH DAKOTA
017	.CASS
	OHIO
025	.CLERMONT
029	.COLUMBIANA
035	.CUYAHOGA
061	.HAMILTON
085	.LAKE
093	.LORAIN
103	.MEDINA
	OKLAHOMA
143	.TULSA
	OREGON
029	.JACKSON
039	.LANE
	PENNSYLVANIA
003	.ALLEGHENY
007	.BEAVER
011	.BERKS
017	.BUCKS
019	.BUTLER
029	.CHESTER
045	.DELAWARE
049	.ERIE
051	.FAYETTE
071	.LANCASTER
091	.MONTGOMERY
101	.PHILADELPHIA
125	.WASHINGTON
129	.WESTMORELAND
133	.YORK
	SOUTH CAROLINA
051	.HORRY
063	.LEXINGTON
079	.RICHLAND
091	.YORK
	SOUTH DAKOTA

099	.MINNEHAHA
	TENNESSEE
125	.MONTGOMERY
	TEXAS
039	.BRAZORIA
061	.CAMERON
141	.EL PASO
157	.FORT BEND
167	.GALVESTON
215	.HIDALGO
303	.LUBBOCK
329	.MIDLAND
439	.TARRANT
479	.WEBB
	UTAH
049	.UTAH
	VIRGINIA
041	.CHESTERFIELD
059	.FAIRFAX
087	.HENRICO
153	.PRINCE WILLIAM
510	.ALEXANDRIA CITY
700	.NEWPORT NEWS CITY
710	.NORFOLK CITY
810	.VIRGINIA BEACH CITY
	WASHINGTON
011	.CLARK
053	.PIERCE
063	.SPOKANE
067	.THURSTON
073	.WHATCOM
	WISCONSIN
009	.BROWN
025	.DANE
101	.RACINE

[**Attachment 13 - Topcoding of Usual Hourly Earnings**](#)

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

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

[Attachment 14 - Tallies of Unweighted Counts](#) ☐

[Attachment 15 - Countries and Areas of the World](#)

[Broad areas of the World List A. Alphabetical List of Countries and Areas of the World List B. Numeric 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:

Broad Areas of the World

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)

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

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

Countries are listed in alphabetical order. [Afghanistan to Dominican Republic](#) [Dominica to Iraq](#) [Ireland/Eire to Philippines](#) [Poland to Yugoslavia](#)

Code	Name	Code	Name	Code	Name	Code	Name
200	Afghanistan	338	Dominica	119	Ireland/Eire	128	Poland
60	American Samoa	380	Ecuador	214	Israel	129	Portugal
375	Argentina	415	Egypt	120	Italy	72	Puerto Rico
185	Armenia	312	El Salvador	343	Jamaica	132	Romania
501	Australia	139	England	215	Japan	192	Russia
102	Austria	417	Ethiopia	216	Jordan	233	Saudi Arabia
130	Azores	507	Figi	427	Kenya	140	Scotland
333	Bahamas	108	Finland	217/218	Korea/South Korea	234	Singapore
202	Bangladesh	109	France	221	Laos	156	Slovakia/Slovak Republic
334	Barbados	110	Germany	183	Latvia	449	South Africa
103	Belgium	421	Ghana	222	Lebanon	134	Spain
310	Belize	138	Great Britain	184	Lithuania	136	Sweden
300	Bermuda	116	Greece	224	Malaysia	137	Switzerland
376	Bolivia	340	Grenada	315	Mexico	237	Syria
377	Brazil	66	Guam	436	Morocco	238	Taiwan
205	Burma	313	Guatemala	126	Netherlands	239	Thailand
206	Cambodia	383	Guyana	514	New Zealand	351	Trinidad & Tobago
301	Canada	342	Haiti	316	Nicaragua	240	Turkey
378	Chile	126	Holland	440	Nigeria	57	United States
207	China	314	Honduras	142	Northern Ireland	78	U.S. Virgin Islands
379	Colombia	209	Hong Kong	127	Norway	180	USSR
311	Costa Rica	117	Hungary	229	Pakistan	195	Ukraine
337	Cuba	210	India				
		211	Indonesia				

155	Czech Republic	212	Iran	253	Palestine	387	Uruguay
105	Czechoslovakia	213	Iraq	317	Panama	388	Venezuela
106	Denmark			385	Peru	242	Vietnam
339	Dominican Republic			231	Philippines	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.

[Numbers 57 to 140](#) [Numbers 142 to 229](#) [Numbers 231 to 340](#) [Numbers 342 to 555](#)

Code	Name	Code	Name	Code	Name	Code	Name
57	United States	142	Northern Ireland	231	Philippines	342	Haiti
60	American Samoa	147	Yugoslavia	233	Saudi Arabia	343	Jamaica
66	Guam	148	Europe	234	Singapore	351	Trinidad & Tobago
72	Puerto Rico	155	Czech Republic	237	Syria	353	Caribbean
78	U.S. Virgin Islands	156	Slovakia/Slovak Republic	238	Taiwan	375	Argentina
102	Austria	180	USSR	239	Thailand	376	Bolivia
103	Belgium	183	Latvia	240	Turkey	377	Brazil
105	Czechoslovakia	184	Lithuania	242	Vietnam	378	Chile
106	Denmark	185	Armenia	245	Asia	379	Colombia
108	Finland	192	Russia	252	Middle East	380	Ecuador
109	France	195	Ukraine	253	Palestine	383	Guyana
110	Germany	200	Afghanistan	300	Bermuda	385	Peru
116	Greece	202	Bangladesh	301	Canada	387	Uruguay
117	Hungary	205	Burma	304	North America	388	Venezuela
119	Ireland/Eire	206	Cambodia	310	Belize	389	South America
120	Italy	207	China	311	Costa Rica	415	Egypt
126	Holland	209	Hong Kong	312	El Salvador	417	Ethiopia
126	Netherlands	210	India	313	Guatemala	421	Ghana
127	Norway	211	Indonesia	314	Honduras	427	Kenya
128	Poland	212	Iran	315	Mexico	436	Morocco
129	Portugal	213	Iraq	316	Nicaragua	440	Nigeria
130	Azores	214	Israel	317	Panama	449	South Africa
132	Romania	215	Japan	318	Central America	462	Other Africa
134	Spain	216	Jordan	333	Bahamas	468	North Africa
136	Sweden	217/218	Korea/South Korea	334	Barbados	501	Australia
137	Switzerland	221	Laos	337	Cuba	507	Fiji
138	Great Britain	222	Lebanon	338	Dominica	514	New Zealand
139	England	224	Malaysia	339	Dominican Republic	527	Pacific Islands
140	Scotland	229	Pakistan	340	Grenada	555	Elsewhere

[Attachment 16 - Allocation Flags](#)

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.

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

[Attachment 17 - Source and Accuracy Statement of the CPS May 1997 Work Schedules Supplement Data](#)

SOURCE OF DATA

The data in this microdata file come from the May 1997 Current Population Survey (CPS). This month's survey uses two set of questions, the basic CPS and the supplement. The Bureau of the Census conducts the basic CPS every month and asks supplementary questions during certain months.

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

May 1997. In addition to the basic CPS questions, interviewers asked supplementary questions on multiple job holding, work schedules, and telecommuters who work at home or at a designated site.

Sample Design. The present CPS sample was selected from the 1990 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential

construction. The United States was divided into 2,007 geographic areas. In most states, a geographic area consisted of a county or several contiguous counties. In some areas of New England and Hawaii, minor civil divisions are used instead of counties. A total of 754 geographic areas was selected for sample. About 50,000 occupied households are eligible for interview every month. Interviewers are unable to obtain interviews at about 3,200 of these units. This occurs when the occupants are not found at home after repeated calls or are unavailable for some other reason.

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

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

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

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

ACCURACY OF THE ESTIMATES

Since the CPS estimates come from a sample, they may differ from figures from a complete census using the same questionnaires, instructions, and enumerators. A sample survey estimate has two possible types of errors: sampling and nonsampling. The accuracy of an estimate depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, one should be particularly careful when interpreting results based on a relatively small number of cases or on small differences between estimates. The standard errors for CPS estimates primarily indicate the magnitude of sampling error. They also partially measure the effect of some nonsampling errors in responses and enumeration, but do not measure systematic biases in the data. (Bias is the average over all possible samples of the differences between the sample estimates and the desired value.)

Nonsampling Variability. There are several sources of nonsampling errors including the following:

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

The nonresponse rate was 6.6% for the May 1997 basic CPS, and an additional 5.7% for the work schedule supplement, for a total supplement nonresponse rate of 11.9%.

CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage is estimated to be about 8 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. As described previously, ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of

interviewed persons in the same age-sex-race-origin-state group.

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

Table A. CPS Coverage Ratios

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

For additional information on nonsampling error including the possible impact on CPS data when known, refer to Statistical Policy Working Paper 3, **An Error Profile: Employment as Measured by the Current Population Survey**, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978 and Technical Paper 40, **The Current Population Survey: Design and Methodology**, Bureau of the Census, U.S. Department of Commerce.

Comparability of Data. Data obtained from the CPS and other sources are not entirely 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. Use caution when comparing results from different sources.

A number of changes were made in data collection and estimation procedures beginning with the January 1994 CPS. The major change was the use of a new questionnaire. The questionnaire was redesigned to measure the official labor force concepts more precisely, to expand the amount of data available, to implement several definitional changes, and to adapt to a computer-assisted interviewing environment. The supplemental questions are also computerized. Due to these and other changes, one should use caution when comparing estimates from data collected in 1994 and later years with estimates from earlier years.

Caution should also be used when comparing data from this microdata file, which reflects 1990 census-based population controls, with microdata files from 1993 and earlier years, which reflect 1980 census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions. It did have a significant impact on levels. For example, use of 1990 based population controls results in about a 1-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

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

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

Note When Using Small Estimates. Because of the large standard errors involved, summary measures probably would not reveal useful information when computed on a base smaller than 75,000.

Take care in the interpretation of small differences. Even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

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

Standard Errors and Their Use. A number of approximations are required to derive, at a moderate cost, standard errors applicable to estimates in this microdata file. Instead of providing an individual standard error for each estimate, two parameters, a and b, are provided to calculate standard errors for each type of characteristic. These parameters are in Table B.

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 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 be used to perform hypothesis testing. This is a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of Whites with a college education to the percentage of Blacks with a college education.

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 texts for alternative criteria.

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

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

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

Formula (1)

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

Illustration

Suppose there were 6,000,000 unemployed men in the civilian labor force. Use the appropriate parameters from Table B and formula (1) to get

Illustration No. 1

Parameter	Result
Number, x	6,000,000
a parameter	-0.000018
b parameter	2,957
Standard error	131,000
90% conf. int.	5,785,000 to 6,215,000

The standard error is calculated as

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

The 90-percent confidence interval is calculated as 6,000,000 + 1.645 x 131,000. A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90- percent of all possible samples.

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

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

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

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

Illustration

Suppose that approximately 111,147,000 workers, 29.9% were on flexible schedules. Use the appropriate parameter from Table B and formula (2) to get

Illustration No. 3

Parameter	Result
Percentage, p	29.9
Base, x	111,147,000
b parameter	2,985
Standard error	0.2
90% conf. int.	29.6 to 30.2

The standard error is calculated as

$$s_{x_1p} = \sqrt{\frac{2,985 \times 29.9}{111,147,000} (100 - 29.9)} = 0.2$$

The 90-percent confidence interval is calculated as 29.9 + 1.645 x 0.2.

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

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

Formula (3)

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

Illustration

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

Illustration No. 5

Parameter	x	y	difference
Percentage	24.1	37.7	13.1
Number, x	6,285,000	5,824,000	--
b parameter	2,764	2,530	--
Standard error	0.9	1.0	1.3
90% conf. int.	22.6 to 25.6	35.6 to 38.8	-11.0 to 15.2

The standard error of the difference is calculated as

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

The 90-percent confidence around the difference is calculated as 13.1 + 1.645 x 1.3. Since this interval contains zero, we cannot conclude with 90- percent confidence that the percentage of part-time women workers between 20-24 years of age is greater than the percentage of part-time men workers between 20-24 of age.

Table B. Parameters for Computation of Standard

Errors for Labor Force Characteristics - May 1997		
Characteristics	a	b
Labor Force and Not in Labor Force Data Other than Agricultural Employmentand Unemployment		
Total ¹	-0.000018	2,985
Men ¹	-0.000033	2,764
Women	-0.000030	2,530
Both Sexes, 16 to 19 years	-0.000172	2,545
White ¹	-0.000020	2,985
Men	-0.000037	2,767
Women	-0.000034	2,527
Both sexes, 16 to 19 years	-0.000204	2,550
Black	-0.000125	3,139
Men	-0.000302	2,931
Women	-0.000183	2,637
Both sexes, 16 to 19 years	-0.001295	2,949
Hispanic origin	-0.000206	3,896
Not In Labor Force (use only for Total, Total Men, and White)	+0.000006	829
Agricultural Employment		
Total or White	+0.000782	3,049
Men	+0.000858	2,825
Women or Both sexes, 16 to 19 years	-0.000025	2,582
Black	-0.000135	3,155
Hispanic origin		
Total or Women	+0.011857	2,895
Men or Both sexes, 16 to 19 years	+0.015736	1,703
Unemployment		
Total or White	+0.000018	2,957
Black	-0.000212	3,150
Hispanic origin	-0.000102	3,576

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

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

[Attachment 18 - User Notes](#)

This section will contain information relevant to the *Current Population Survey, May 1997: Work Schedules Supplement* file that becomes available after the file is released. The cover letter to the updated information should

be filed behind this page.

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

NOTE

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

Questions about the **tape** should be directed to Administrative and Customer Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-INFO(4636).

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

Additional questions about the **Work Schedules Supplement** should be directed to Bill Deming, Bureau of Labor Statistics, Washington, DC 20212. Phone: (202) 606-6378.

Source: U.S. Census Bureau | Administration and Customer Services Division | (301) 763-4400 | Last Revised:

ATTACHMENT 9

CPS SUPPLEMENT QUESTIONNAIRE

May 1997 Work Schedules

PRESUP This month we want to learn about shift work, flexible hours, and work at home.

<P> Proceed

ITEMS FOR MAIN JOB

SMJLD I have a few additional questions about (your/name) job.

ENTER <P> TO PROCEED.

==> __

SMJ1 LAST WEEK at what time of day did (you/name) begin work on (your/his/her) [main job/job] [in (your/his/her) business/in the family business] most days?

DO NOT INCLUDE COMMUTING TIME.

ENTER THE TIME AS A 3- OR 4-DIGIT NUMBER, I.E. 800, 1030, 145.

Hour. ==> __ <A> AM or <P> PM: ==>

<V> It Varies

SMJ1V DO NOT READ TO RESPONDENT

The entry for beginning work was (entry from SMJ1). So (Name) began work at (12:00 noon/12:00 midnight). Is this correct?

<1> Yes

<2> No

SMJ2 LAST WEEK at what time of day did (you/name) end work on (your/his/her) [main job/job][in (your/his/her) business/in the family business] most days?

ENTER THE TIME AS A 3- OR 4-DIGIT NUMBER, I.E. 800, 1030, 145.

Hour: ==> __ <A>AM or <P> PM: ==> __

<V> It Varies

SMJ2V DO NOT READ TO RESPONDENT

The entry for ending work was (entry from SMJ2). So (Name) ended work at (12:00 noon/12:00 midnight). Is this correct?

- <1> Yes
- <2> No

SMJ3 (Do you/Does name) have flexible work hours that allow (you/him/her) to vary or make changes in the time (you/he/she) begin and end work?

- <1> Yes
- <2> No

SMJ4 On (your/his/her) [main job/ job][in (your/his/her) business/in the family business] (do/does) (you/name) USUALLY work a regular daytime schedule or some other schedule?

- <1> A regular daytime schedule(Anytime between 6am to 6pm)
- <2> Some other schedule

SMJ5 Which of the following best describes the hours (you/name) USUALLY (work/works) at this [main job/job][in (your/his/her) business/in the family business]? (**Read all**)

- <1> A regular evening shift (Anytime between 2 pm to Midnight)
- <2> A regular night shift (Anytime around 9pm to 8am)
- <3> A rotating shift - one that changes periodically
from days to evenings or night
- <4> A split shift - one consisting of two
distinct periods each day
- <5> An irregular schedule arranged by employer
- <6> Other, specify [If person says flextime, etc., probe to determine if shift
actually falls in a day, evening, night, rotating shift, or split shift
category]

SMJ5S What are the hours?

ENTER VERBATIM RESPONSE

SMJ6 What is the main reason why (you work/name works) this type of shift?

- <1> Better child care arrangements
- <2> Better pay
- <3> Better arrangements for care of other family members
- <4> Allows time for school
- <5> Easier commute, less traffic
- <6> Could not get any other job
- <7> Mandated by employer to meet transportation demand management or pollution abatement program requirements...
- <8> Nature of the job
- <9> Other (specify)

SMJ6S What is the other reason?

ENTER VERBATIM RESPONSE

SMJ7 Including work done at home, the workplace, or any other location, how many days of the week (do you/does name) work [ON THIS JOB/FOR THIS BUSINESS] **[ONLY]**?

SMJ7A Which days of the week (do you/does name) work [ON THIS JOB/FOR THIS BUSINESS] **[ONLY]**? (Check all that apply.)

- <N> No More
- <1> Sunday
- <2> Monday
- <3> Tuesday
- <4> Wednesday
- <5> Thursday
- <6> Friday
- <7> Saturday

SMJ8 As part of [THIS JOB/THE WORK IN THIS BUSINESS] (do/does) (you/name) do any of (your/his/her) work at home?

- <1> Yes
- <2> No

SMJ9 LAST WEEK of the [fill entry from HRACT1] hours of work (you/name) did, approximately how many did (you/he/she) do at home [ON THIS JOB?/FOR THE BUSINESS?]

NOTE: The extra hours are ones not reported in the basic CPS.

ENTER <N> FOR NO EXTRA HOURS WORKED AT HOME.

Regular Hours: _____ Extra Hours: _____

SMJ10 (Do/Does) (you/he/she) have a formal arrangement with (your/his/her) employer to be paid for the work that (you/he/she) (do/does) at home, or (were/was) (you/he/she) just taking work home from the job?

<1> Paid
<2> Taking work home

SMJ11 (Do/Does) (you/ name) run (your/his/her) business from home or some other location?

<1> Home
<2> Some other location
<3> Both

SMJ12 Is the family business for which (you/name) (work/works) run from (your/his/her) home or some other location?

<1> Home
<2> Some other location
<3> Both

SMJ13 The days (you/name) worked at home LAST WEEK, were they whole days, part days or both?

<1> Whole days
<2> Part days
<3> Both

SMJ14 How many whole days did (you/name) work at home?

Enter Amount ==> _____

SMJ15 How many part days did (you/name) work at home?

Enter Amount ==> _____

SMJ16 On how many of these days did (you/name) also travel to (your/his/her) place of business?

(INTERVIEWER NOTE: Traveling to clients *is not* traveling to place of business. Traveling to employer's other location *is* traveling to place of business.)

SMJ17 Which of the following list of equipment(do/does) (you/name) use at home to perform (your/his/her) work? (Read list. Check all that apply)

<N> None or No More

- <1> Computer
- <2> Modem
- <3> Fax
- <4> Telephone
- <5> Connection to work site
to access voice mail
- <6> Other

SMJ17S What is this other equipment?

ENTER VERBATIM RESPONSE

SMJ18 (Do you/Does name) use this modem to connect to (your/his/her) employer's work site?

- <1> Yes
- <2> No

SMJ19 Is this telephone line furnished by (your/name's) employer?

- <1> Yes
- <2> No

SMJ20

What is the main reason why (you/name) (work/works) at home?

- <1> Less commuting
- <2> Reduce expenses for transportation, food, and clothing, etc.
- <3> Coordinate work schedule with personal and family needs
- <4> More control over own life
- <5> Illness, disability, health reasons
- <6> Mandated by employer to reduce employer costs.
- <7> Mandated by employer to meet local transportation demand management or pollution abatement program requirements
- <8> Other (specify)

SMJ20S

What is that reason?

ENTER VERBATIM RESPONSE

SMJ21

LAST WEEK, how many of the [***fill entry from SMJ9***] hours that (you/name) worked at home on this job were worked as paid hours at home?

_____ Hours

SMJ22

LAST WEEK, in addition to the [***fill entry from SMJ21***] paid hours, did (you/he/she) work any additional UNPAID hours on this job at home?

- <1> Yes
- <2> No

ITEMS FOR SECOND JOB

SSJLD

Now I have a few more questions about (your/name's) second job.

(READ IF NECESSARY: By second job I mean the one that you work the second most hours.)

<P> Proceed

SSJ1 As part of this job, (do/does) (you/name) do any of (your/his/her) work at home?

- <1> Yes
- <2> No

SSJ2 LAST WEEK approximately how many hours of (your/name's) work did (you/he/she) do at home as part of this job?

SSJ3 Was the work (you/he/she) did at home as part of this job for a home-based business?

- <1> Yes
- <2> No

SSJ6 Including work done at home, the workplace, or any other location, how many days of the week [do you/does name] work [ON THIS JOB/FOR THIS BUSINESS]
ONLY?

SSJ7 What is the main reason that [you/name] worked at more than one job?

- <1> To meet regular household expenses.
- <2> To pay off debts.
- <3> To save for the future.
- <4> To get experience in a different occupation or to build a business.
- <5> To help out a friend or relative.
- <6> To get extra money to buy something special.
- <7> Enjoys the work on the second job.
- <8> Changed jobs during the week.
- <9> Other (specify)

SSJ7S What is that reason?

ENTER VERBATIM RESPONSE.

ATTACHMENT 14

CURRENT POPULATION SURVEY

Selected Unweighted Tallies from the May 1997 Work Schedules Supplement

NOTE: Screen adult items using PRPERTYP = 2 to match the universes for the items listed.

ITEM	VALUE	TALLIES
PESMJ3	(Do you/Does name) have flexible work hours that allow (you/him/her) to vary or make changes in the time (you/he/she) begin and end work?	
	-9 N/A	4,296
	-3 Refusal	1
	-2 Don't know	292
	-1 Out of universe	85,760
	1 Yes	19,852
	2 No	34,458
PRSHFTWK	Shift work recode	
	-3 Refusal	294
	-2 Don't know	177
	-1 Out of universe	3,618
	1 A regular daytime schedule	43,231
	2 A regular evening shift	3,125
	3 A regular night shift	1,608
	4 A rotating shift – one that changes periodically from days to evenings or night	1,782
	5 A split shift – one consisting of two distinct periods each day	387
	6 An irregular schedule arranged by employer	2,476
	7 Other	1,818
PESMJ8	As part of [THIS JOB/THE WORK IN THIS BUSINESS] (do/does) (you/name) do any of (your/his/her) work at home?	
	-9 N/A	4,356
	-3 Refusal	59
	-2 Don't know	167
	-1 Out of universe	85,760
	1 Yes	10,177
	2 No	44,140

ITEM	VALUE	TALLIES
PESMJ10	(Do/Does) (you/he/she) have a formal arrangement with (your/his/her) employer to be paid for the work that (you/he/she) (do/does) at home, or (were/was) (you/he/she) just taking work home from the job?	
	-9 N/A	4,293
	-3 Refusal	2
	-2 Don't know	61
	-1 Out of universe	133,826
	1 Paid	1,650
	2 Taking work home	4,827
PESMJ13	The days (you/name) worked at home LAST WEEK, were they whole days, part days or both?	
	-9 N/A	4,292
	-3 Refusal	2
	-2 Don't know	27
	-1 Out of universe	138,182
	1 Whole days	285
	2 Part days	1,619
	3 Both	252
PESMJ20	What is the main reason why (you/name) (work/works) at home?	
	-9 N/A	4,323
	-3 Refusal	18
	-2 Don't know	65
	-1 Out of universe	130,202
	1 Less commuting	307
	2 Reduce expenses for transportation, food, and clothing, etc.	349
	3 Coordinate work schedule with personal and family needs	2,483
	4 More control over own life	1,321
	5 Illness, disability, health reasons	57
	6 Mandated by employer to reduce employer costs	227
	7 Mandated by employer to meet local transportation demand management or pollution abatement program requirements	53
	8 Other (specify)	5,254

ITEM	VALUE	TALLIES
	<u>SELECTED ITEMS FOR SECOND JOB</u>	
PESSJ1	As part of <u>this</u> job, (do/does) (you/name) do any of (your/his/her) work at home?	
	-9 N/A	4,286
	-3 Refusal	4
	-2 Don't know	12
	-1 Out of universe	136,320
	1 Yes	1,545
	2 No	2,492
PESSJ7	What is the main reason that [you/name] worked at more than one job?	
	-9 N/A	4,287
	-3 Refusal	12
	-2 Don't know	37
	-1 Out of universe	136,320
	1 To meet regular household expenses	1,239
	2 To pay off debts	426
	3 To save for the future	334
	4 To get experience in a different occupation or to build a business	331
	5 To help out a friend or relative	136
	6 To get extra money to buy something special	320
	7 Enjoys the work on the second job	596
	8 Changed jobs during the week	28
	9 Other (specify)	593